

### UNIVERSIDAD DE MURCIA

### FACULTAD DE LETRAS

Identification and Analysis of the Specialised Vocabulary of British Law Reports: A Corpus-driven Study of this Legal Genre at the Core of Common Law Legal Systems

Identificación y Análisis del Vocabulario Especializado de los Repertorios de Jurisprudencia Británicos: Estudio Basado en un Corpus de este Género Legal, Fundamento de los Sistemas Legales *Common Law* 

> D<sup>a</sup> María José Marín Pérez 2013

To Antonio, María and Antonio. Each and every word of these is yours. Between two hawks, which flies the higher pitch;
Between two dogs, which hath the deeper mouth;
Between two blades, which bears the better temper;
Between two horses, which doth bear him best;
Between two girls, which hath the merriest eye;
I have perhaps some shallow spirit of judgement.
But in these nice sharp quillets of the law,
Good faith, I am no wiser than a daw.

*1 Henry VI*. (2.4.14-20). William Shakespeare (1623).

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### LIST OF ABBREVIATIONS

**ATR:** Automatic Term Recognition

AWL: Academic Word List

**BLaRC:** British Law Report Corpus

BNC: British National Corpus

**CL:** Corpus Linguistics

**CT:** Candidate Term

**DDL:** Data-driven learning

**EAP:** English for Academic Purposes

**ESP:** English for Specialised Purposes

**GSL:** General Service List

LACELL: Lingüística Aplicada Computacional, Enseñanza de Lenguas y Lexicografía

**LC:** Lexical constellation

MI: Mutual Information

**MWT:** Multi-Word Term

**RC:** Reference Corpus

SC: Study Corpus

**SWT**: Single-Word Term

**TT**: True Term

UKSCC: United Kingdom Supreme Court Corpus

### **RESUMEN EN ESPAÑOL**

### INTRODUCCIÓN

La comprensión de los términos en un texto especializado sin duda contribuye a una mejor interpretación del texto mismo. Así pues, tener acceso a estos términos puede convertirse en una ventaja para el investigador interesado en estudiar las características y las normas que gobiernan el léxico del lenguaje de especialidad.

Diversos especialistas destacan que el inglés jurídico (también conocido como *legalese*), es una variedad del inglés particularmente compleja y elaborada. D. Mellinkoff, uno de los primeros estudiosos del inglés jurídico afirma que éste tiende a ser oscuro, retórico, pomposo y aburrido (Mellinkoff, 1963: 63). La presencia de préstamos latinos, expresiones provenientes del francés antiguo, sinónimos, arcaísmos y redundancia, además del uso extendido de "palabras comunes con significados inusuales" (Mellinkoff, 1963: 11) caracterizan su léxico.

La mayor parte de los trabajos dedicados a la descripción del inglés jurídico (Mellinkoff, 1963; Alcaraz, 1994, 2001; Tiersma, 1999; Borja, 2000) son mayoritariamente prescriptivos pues están basados en la intuición del autor o bien en ejemplos reducidos de esta variedad del inglés.

Se ha discutido ampliamente sobre las ventajas y desventajas del uso de corpus para la descripción del funcionamiento de la lengua (Sinclair, 1991; Sánchez et al., 1995; McEnery and Wilson, 1996; Dudley-Evans and St. John, 1998; Kennedy, 1998; McEnery et al., 2006; Tognini-Bonelli, 2001; Meyer, 2002; Gries and Wulff, 2010; Cheng, 2011; etc.). La distinción chomskiana entre *competence* y *performance* está en la base de las críticas contra el uso de corpus con ese fin debido a que, según esta corriente de pensamiento, los ejemplos intuitivos generados desde el conocimiento

tácito de la lengua son los que realmente pueden emplearse para hacer generalizaciones sobre ella.

Sin embargo, los corpora han crecido en la última década hasta alcanzar dimensiones impensables en los años 50 y 60 tales como *enTenTen*, de 12.000 millones de palabras, accesible a través de herramientas online como *Sketch Engine* (Kilgariff et al., 2003). Asimismo, el desarrollo de herramientas para su procesamiento facilita enormemente el acceso a cantidades ingentes de información. Como consecuencia, las teorías sobre la lengua basadas en la descripción de los corpora son mucho más fiables que lo fueran hace 50 años cuando Chomsky rechazaba su uso como fuente sólida de información lingüística.

En el estudio del vocabulario especializado, la información que pueden proporcionar los corpora específicos es de gran valor. No obstante, en el área del inglés jurídico el número y la disponibilidad de éstos es muy reducido. Por este motivo se diseña y compila *BLaRC* (*British Law Report Corpus*), un corpus legal de sentencias judiciales de 8,85 millones de palabras con el fin de ser utilizado como fuente de vocabulario especializado para su posterior análisis.

### OBJETIVOS, METODOLOGÍA Y ESTRUCTURA

El objetivo principal de esta tesis doctoral es la identificación y posterior análisis de los términos legales de *BLaRC*, un corpus de sentencias judiciales del Reino Unido. El capítulo 2 presenta y justifica sus características principales y considera cuestiones fundamentales en el diseño y la compilación del corpus tales como la relevancia de los repertorios de jurisprudencia (o *law reports*) en los sistemas legales *common law*, el tamaño ideal del corpus, modalidad de los textos, cronología de éstos, variedad léxica, etc.

El inglés jurídico es una variedad del inglés que abarca gran cantidad de géneros. Por un lado, como afirma Orts (2009), documentos de carácter público tales como las sentencias judiciales, leyes, decretos, etc. y por otro los pertenecientes al derecho privado como escrituras, testamentos, poderes notariales, acuerdos de divorcio, contratos, etc.

Como consecuencia, hubo que reducir el número de géneros en los que basar el corpus centrándonos en el derecho público, dada su relevancia. Dentro del derecho público hay dos fuentes de las que emana el derecho en los países *common law* como el Reino Unido, una de ellas son las leyes que se aprueban en el parlamento (que han ido ganando relevancia en los últimos 150 años) y la otra, la más importante, los casos ya resueltos con anterioridad por instancias generalmente superiores que han sentado precedente (siguiendo el principio de *stare decisis*), esto es, la jurisprudencia.

Las sentencias judiciales se recogen en repertorios de jurisprudencia o *law reports* que los profesionales del derecho anglosajón emplean como fuente fundamental de información para la argumentación, defensa o resolución de casos. Las sentencias recogen todo tipo de vocabulario legal perteneciente a las distintas ramas del derecho del mismo modo que se incluyen citas de las leyes y decretos aprobados en el parlamento cuando resulta pertinente.

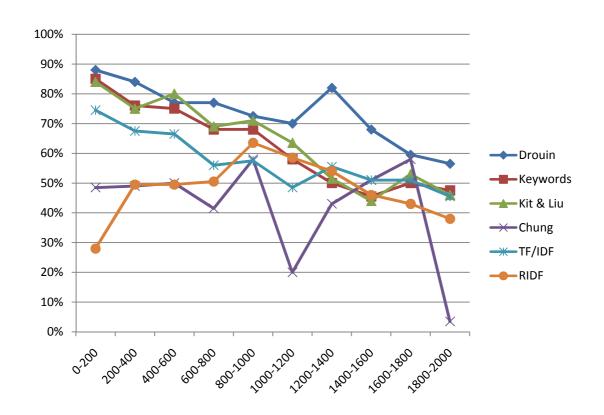
Su riqueza léxica es, por consiguiente, innegable. Así pues, *BLaRC* está formado por sentencias judiciales dictadas por tribunales de todo el Reino Unido pertenecientes a todos los niveles de la jerarquía judicial: Tribunal Supremo, Tribunal de Apelación, Alto Tribunal, Magistrates' Courts, Tribunals, etc. y a todas las áreas del país con competencias judiciales e instituciones independientes: Irlanda del Norte, Inglaterra y Gales y Escocia, además de aquellos países de la Commonwealth que aún utilizan el Privy Council del Reino Unido como tribunal de último recurso (Bahamas, Jamaica,

Nueva Zelanda o Bermudas, entre otros). Las sentencias se agrupan por tribunales y por lo tanto por áreas del derecho a excepción del Tribunal Supremo y el Privy Council que tienen competencias y jurisdicción a todos los niveles.

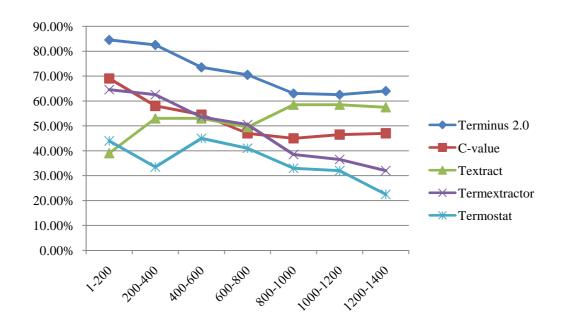
Una vez compilado el corpus se procede a la selección de los métodos de reconocimiento automático de términos (métodos ATR) más efectivos en la identificación de términos tanto mono-léxicos como poli-léxicos en el capítulo 3. Se evalúan diez métodos diferentes midiendo en cada caso la precisión general alcanzada, esto es, el porcentaje de término reales identificados respecto del total de candidatos a términos extraídos. Los métodos evaluados son los siguientes:

- 1) TermoStat (Drouin, 2003)
- 2) Chung (2003): Frequency ratio
- 3) Kit y Liu (2008): Rank difference
- 4) Term Frequency-Inverse Term Frequency (TF-IDF) (Spark Jones, 1972)
- 5) Residual Inverse Document Frequency (RIDF) (Church and Gale, 1995)
- 6) Keywords (Scott, 2008)
- 7) *Terminus 2.0* (Nazar y Cabré, 2012)
- 8) C-value (Frantzi et al., 1999)
- 9) Termextractor (Sclano and Velardi, 2007)
- 10) Textract (Park et al., 2002)

Igualmente, se calcula la precisión cumulativa para los 2.000 primeros candidatos a término mono-léxicos y los primeros 1.400 poli-léxicos con el fin de determinar cómo afecta al nivel de precisión el aumento del número de candidatos, como se recoge en las figuras 1 y 2 respectivamente. Este cálculo se realiza incrementando el número de candidatos de manera progresiva de 200 en 200 y calculando el porcentaje de términos reales por tramos.



**Figure 1.** Precisión cumulativa alcanzada en la identificación de términos mono-léxicos



**Figure 2.** Precisión cumulativa alcanzada en la identificación de términos poliléxicos

La evaluación de los métodos seleccionados se lleva a cabo a través de la comparación de las listas de candidatos a término con un *gold standard*, esto es, un glosario legal electrónico de 10.088 entradas, en una hoja excel para determinar qué cantidad de candidatos son términos reales en función de la coincidencia con los términos recogidos en el glosario. Para facilitar el proceso de implementación de todos los métodos ATR y su evaluación, dado el tamaño de *BlaRC*, se opta por el uso de un corpus piloto extraído de este último. Se trata de *UKSCC* (*United Kingdom Supreme Court Corpus*) un corpus de 2.6 millones de palabras que contiene sentencias judiciales emitidas por el Tribunal Supremo del Reino Unido entre los años 2008 y 2010.

El resultado de la evaluación nos lleva a la selección de *TermoStat* (Drouin, 2003) y *Terminus 2.0* (Nazar y Cabré, 2012) como los métodos más eficientes en la identificación automática de términos especializados en nuestro corpus legal, pues llegan a alcanzar picos de precisión de 88% y 84.5% respectivamente para los primeros 200 candidatos a término consiguiendo una media de 73% en el caso de *TermoStat* y de 71.5% en el de *Terminus*.

Una vez seleccionados se implementan en *BLaRC*, el corpus de 8,85 millones de palabras, obteniendo similares resultados. Por último, la sección 3.2.4. presenta dos listados validados de 541 términos mono-léxicos (identificados por *TermoStat* sin incluir las coincidencias con el segundo listado) y 2.310 mono-léxicos y poli-léxicos (identificados por *Terminus*) extraídos de este corpus.

Para finalizar este capítulo se lleva a cabo una revisión de la literatura relacionada con el aprendizaje basado en corpus (DDL), continuando con la propuesta de actividades dedicadas a la explotación didáctica de *BLaRC*, nuestro corpus especializado, y de los inventarios de vocabulario técnico obtenidos tras la aplicación de los métodos ATR descritos anteriormente. En ellas se trabajan distintos niveles

lingüísticos tales como el morfológico, sintáctico, semántico o discursivo con el fin de demostrar las posibles aplicaciones de los datos obtenidos de manera automática en secciones anteriores.

El capítulo 4 se dedica al estudio del vocabulario sub-técnico. En el apartado 4.2. se discute el concepto de sub-tecnicidad según las definiciones de diversos autores (Cowan, 1974; Trimble, 1985; Baker, 1988; Farrell 1990; Flowerdew, 2001; Lan, 2001; Chung y Nation, 2003; Wang y Nation, 2004). En general, todos coinciden en el hecho de que el vocabulario sub-técnico es compartido por los ámbitos general y específico y entre disciplinas científicas. Algunos de ellos destacan el carácter polisémico de estas palabras que adquieren un significado especializado en el contexto específico. Muchos de ellos también señalan su importancia en la enseñanza del inglés para fines específicos (ESP) dado su carácter complejo precisamente debido a su ambivalencia.

Sólo Chung y Nation (2003) y Wang y Nation (2004) son más exhaustivos a la hora de delimitar las características semánticas de este tipo de vocabulario. Basándonos en su taxonomía y la observación de las palabras analizadas en la figura 3 y sus contextos, llegamos a una clasificación del vocabulario legal sub-técnico en tres grupos diferenciados:

- 1) Palabras que denotan un concepto legal compartido por los campos especializado y general que no cambian de significado en el contexto legal cuyo uso es frecuente en ambos ámbitos: *judge, court, tribunal, law, prosecution, jury, legislation, robbery, theft, guilty, solicitor, tribunal.*
- 2) Palabras de uso frecuente tanto en el ámbito general como en el específico que cambian de significado en el campo legal compartiendo algunos rasgos semánticos con su significado original: *charge, offence, sentence, claim, decision, grounds, complaint, dismiss, evidence, relief, record, trial, battery.*

3) Palabras de uso más frecuente en el ámbito especializado que en el general que cambian de significado en el contexto legal adquiriendo un nuevo significado muy diferente o totalmente alejado del general: *appeal, conviction, party, warrant, terms, act.* 

La aplicación del modelo de redes léxicas de Williams (2001) al estudio del vocabulario sub-técnico nos proporciona una cantidad de información sobre su contexto de gran valor a la hora de observar la cantidad y frecuencia de los colocados y cocolocados de este tipo de vocabulario. La tabla 1 nos muestra el número y frecuencia de los elementos constituyentes de las redes léxicas de las palabras analizadas en la sección 4.3 tanto en el corpus especializado (*BLaRC*) como en el general (*LACELL*).

**Tabla 1.** Cantidad y frecuencia de los colocados en las redes léxicas obtenidas de BLaRC y LACELL.

| Palabra     | Colocados y co-<br>colocados en | Colocados y co-<br>colocados en | Frecuencia<br>normalizada | Frecuencia<br>normalizada |
|-------------|---------------------------------|---------------------------------|---------------------------|---------------------------|
|             | BLaRC                           | LACELL                          | BLaRC                     | LACELL                    |
|             | (normalizado)                   | (normalizado)                   |                           |                           |
| PURSUANT    | 404.40                          | 0                               | 10.34                     | 0                         |
| ESTOPPEL    | 114.57                          | 0                               | 8.65                      | 0                         |
| LIABILITY   | 421.69                          | 0                               | 8.20                      | 0                         |
| BATTERY     | 27.57                           | 0.73                            | 7.89                      | 2.27                      |
| CONVICTION  | 281.35                          | 1.33                            | 10.41                     | 3.23                      |
| SENTENCE    | 491.25                          | 1.53                            | 9.50                      | 2.98                      |
| DISMISS     | 338.64                          | 3.20                            | 10.06                     | 3.81                      |
| SOLICITOR   | 159.77                          | 0.33                            | 8.23                      | 2.39                      |
| RELIEF      | 184.18                          | 6.08                            | 9.88                      | 4.45                      |
| TRIAL       | 666.66                          | 2.33                            | 9.22                      | 3.84                      |
| LEGISLATION | 246.44                          | 39.7                            | 9.23                      | 4.2                       |
| WARRANT     | 30.39                           | 1.60                            | 7.91                      | 3.01                      |
| PARTY       | 708.36                          | 274.13                          | 9.22                      | 4.73                      |
| CHARGE      | 167.68                          | 64.77                           | 9.08                      | 4.89                      |
| COMPLAINT   | 180.22                          | 18.18                           | 8.79                      | 4.70                      |
| OFFENCE     | 522.93                          | 28                              | 8.91                      | 5.03                      |
| GUILTY      | 66.55                           | 11.96                           | 6.87                      | 4.25                      |
| EAT         | 0                               | 2.20                            | 0                         | 3.27                      |
| BLUE        | 0                               | 13.43                           | 0                         | 3.52                      |
| MORNING     | 0                               | 268.36                          | 0                         | 4.94                      |

En la tabla 1 se observa que tanto el número de colocados como la frecuencia de éstos es mayor en el corpus específico en tanto en cuanto el término es más especializado y viceversa. Por este motivo se propone un método cuantitativo —descrito en la sección 4.3.— para establecer un coeficiente de sub-tecnicidad por el que este tipo de palabras puedan localizarse a lo largo de un continuum de especialización en función de la cantidad y la frecuencia de los colocados en cada una de sus redes léxicas especializada y general.

El coeficiente de sub-tecnicidad de una palabra  $ST(w_i)$  se calculará restando la frecuencia media de los colocados y co-colocados en el corpus general  $\overline{\mu_i^G}$  del mismo parámetro en el corpus especializado  $\overline{\mu_i^T}$ . Ambos valores se normalizarán dividiédolos por el número de tokens en cada corpus, esto es:

$$ST(w_i) = \frac{\overline{\mu_i^T}}{|C^T|} - \frac{\overline{\mu_i^G}}{|C^G|}$$

Donde  $|C^T|$  y  $|C^G|$  repesentan el número de tokens en los corpora especializado y general respectivamente. Los resultados de la implementación de este método se muestran en la figura 3.

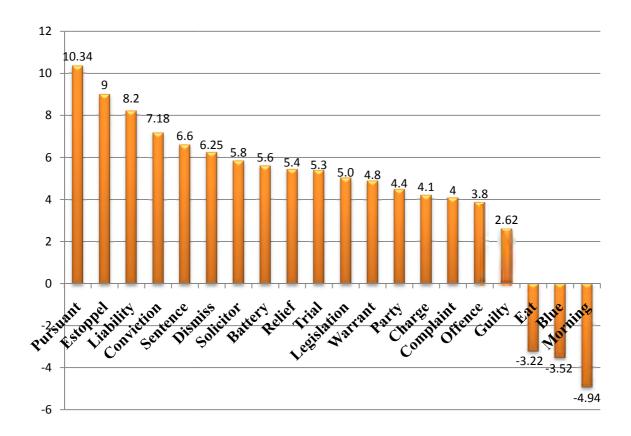


Figure 3. Coeficiente de sub-tecnicidad

Sin embargo, la descripción del vocabulario sub-técnico no sería completa sin un examen de carácter semántico de este tipo de palabras. Cantos y Sánchez (2001) ofrecen un modelo de análisis lingüístico, las *constelaciones léxicas*, que nos permite representar de una manera muy visual el proceso por el que las palabras sub-técnicas adquieren nuevos rasgos semánticos que de uno u otro modo se relacionan con su significado original. Las constelaciones léxicas muestran cómo el lenguaje se estructura de una manera jerárquica por la que unas palabras atraen a otras y éstas a su vez a otras diferentes creando una intricada red de relaciones del mismo modo que los planetas orbitan en torno a una estrella y ésta se integra en un sistema mucho más amplio, de ahí su denominación.

La sección 4.4. se dedica al estudio semántico de tres términos sub-técnicos, trial, charge y battery, siguiendo el método de las constelaciones léxicas de Cantos y Sánchez (2001), ya aplicado al inglés específico de las telecomunicaciones por Rea y Sánchez (2010). La figura 4 representa la constelación léxica de charge mostrando cómo el significado legal de esta palabra se relaciona con su significado original, "peso, carga". Un "cargo" entendido como acusación podría considerarse como un peso figurativo que recae en los hombros del acusado de la misma manera que una responsabilidad o una deuda pueden resultar "cargas" que dificulten la vida diaria de aquel que las acarrea. Todos estos rasgos semánticos se añaden al significado original de la palabra charge facilitando la adquisición de nuevas acepciones, entre las cuales se encuentra su significado especializado. Aun así, como se puede apreciar en la figura 4, existe una cierta proximidad semántica entre el significado base y el legal no resultando excesivamente complicado establecer una asociación entre el concepto de charge como "carga" o "peso" y el de "acusación", como ya se ha indicado con anterioridad.

Este método de análisis léxico proporciona una oportunidad única de visualizar las jerarquías semánticas existentes entre los distintos significados de una misma palabra y cómo éstos interactúan entre sí llevando del ámbito general al específico mediante la adquisición de nuevos rasgos semánticos dependientes de niveles jerárquicos superiores.

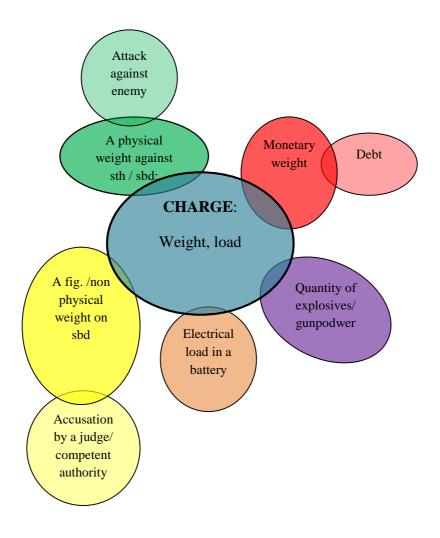


Figura 4. Constelación léxica de CHARGE

### CONCLUSIÓN Y LIMITACIONES DEL ESTUDIO

Los objetivos alcanzados en esta tesis han sido, por un lado, la identificación del vocabulario especializado de *BLaRC*, un corpus de sentencias judiciales del Reino Unido compilado *ad hoc*. Con ese fin, se han evaluado diez métodos ATR para seleccionar aquellos más eficientes en el reconocimiento automático de los términos legales de nuestro corpus. Para ello se ha utilizado un corpus piloto de 2,6 millones de palabras extraído de *BLaRC* implementando sobre él los diez métodos ATR. Se han

calculado los niveles de precisión media y cumulativa para cada uno de los métodos mediante la comparación con un *gold standard*, identificando *Terminus 2.0* (Nazar y Cabré, 2012) y *TermoStat* (Drouin, 2003) como los más eficientes. Finalmente se han implementado ambos métodos en *BLaRC* elaborando dos listados de 2.851 términos legales mono-léxicos y poli-léxicos validándolos automática y manualmente.

El capítulo 4 se ha dedicado al análisis cuantitativo y semántico del vocabulario legal sub-técnico dada su importancia dentro del inglés jurídico. Para el análisis cuantitativo se ha planteado un algoritmo, *SubTech*, con el que se puede medir el nivel de especialización de este tipo de palabras en función de su contexto de uso especializado y general, la información relativa a este contexto se ha obtenido gracias a la aplicación del modelo de las redes léxicas de Williams (2001).

Por último, en el apartado 4.4, se lleva a cabo un análisis semántico de tres términos sub-técnicos, *trial*, *charge*, y *battery*, implementando el modelo de análisis lingüístico de Cantos y Sánchez (2001) conocido como las constelaciones léxicas. Utilizando este modelo se consigue representar de manera visual el proceso de especialización por el que este tipo de palabras adquieren nuevos rasgos del significado derivados de su sentido original. Dicho proceso se visualiza de manera multidimensional mostrando claramente la jerarquía de significados existente entre las distintas acepciones de la palabra analizada. Asimismo, las *constelaciones léxicas* permiten representar no sólo los niveles de dependencia semántica entre los distintos rasgos de significado sino también la mayor o menor proximidad semántica entre estos en función de la distancia existente respecto del núcleo de la constelación.

La combinación de ambos métodos para la descripción del vocabulario subtécnico supone un paso hacia delante en el análisis de un fenómeno léxico que, hasta la fecha, no ha sido explorado con suficiente profundidad. En lo que se refiere a las limitaciones de este estudio, podría argumentarse, en primer lugar, que el corpus debería cubrir más géneros legales para lograr una mayor representatividad en las conclusiones relativas al léxico de esta variedad. Como ya se ha comentado, la cantidad y variedad de géneros legales es muy amplia y conseguir compilar un corpus de estas características, aunque deseable, sería una tarea muy ardua para un trabajo de investigación de estas características.

Por otro lado, como tema para futuros trabajos de investigación, sería interesante ahondar en el estudio cuantitativo de las palabras sub-técnicas aumentando el número de éstas con el fin de poder llegar a conclusiones más sólidas en lo relativo a una posible correlación entre su clasificación y análisis semántico y los valores obtenidos tras la implementación del algoritmo *Sub-Tech*.

## CHAPTER 1 INTRODUCTION

### **CHAPTER 1**

### 1.1. RATIONALE

Understanding the terms in a specialised text, which encapsulate the specialised knowledge in any subject field, can undoubtedly contribute to a better comprehension of the text itself. Therefore, gaining access to these terms can become an advantage for the researcher interested in studying the characteristics and rules governing the lexicon of a particular variety of language.

As commonly agreed by scholars, legal English (also known as *legalese*) is a peculiarly obscure and convoluted variety of English. D. Mellinkoff, one of the first scholars devoted to the study of *legalese*, affirms that "the language of the law has a strong tendency to be: wordy; unclear; pompous [and] dull" (Mellinkoff, 1963: 63). The presence of Latin borrowings and Old French phrases, synonyms, archaisms and redundancy, as well as the widespread use of "common words with uncommon meanings" (Mellinkoff, 1963: 11) characterise its lexicon.

Most of the research carried out to date to describe legal English could be considered eminently prescriptive (Mellinkoff, 1963; Alcaraz, 1994, 2001; Tiersma, 1999; Borja, 2000), that is to say, it is either based on the authors' knowledge and intuitions on the subject or on relatively reduced samples of this language variety.

Authors have profusely discussed on the advantages and disadvantages of employing language corpora as a source of information for linguistic analysis (Sinclair, 1991; Sánchez et *al.*, 1995, 2010; McEnery & Wilson, 1996; Dudley-Evans & St. John, 1998; Kennedy, 1998; McEnery et *al.*, 2006; Tognini-Bonelli, 2001; Meyer, 2002; Gries & Wulff, 2010; Cheng, 2011; etc.). The chomskyan distinction between *competence* and *performance* stands at the very basis of most early criticism against this

discipline. Intuitive examples reflect linguistic competence as they arise from our tacit knowledge of the language. Conversely, those examples taken from corpora reflect performance, that is, "external evidence of language competence and its usage on particular occasions ... performance is a poor mirror of competence" (McEnery & Wilson, 1996: 6), according to chomskyan linguists. Moreover, this kind of examples is often deemed skewed, frequently leading the linguist to erroneous generalisations on the language.

Nonetheless, due to the fast growth of corpora and processing software nowadays, researchers can rapidly access and analyse large amounts of data that could not even be thought of in the 50s and 60s. Tools like *Sketch Engine* (Kilgariff et *al.*, 2003) allow us to search keywords and concordance lines employing as reference such gigantic corpora as *enTenTen12*, of 12,000 million words. This plethora of data clearly refutes the skewedness argument posed by Chomsky as well as it grants the reliability of the conclusions drawn from the observation of the language samples thus obtained although, as Sánchez et *al.* (1995) underline, the degree to which corpus data should be employed as the only source to base the norm on still remains an open question.

Further to that, intuition should go hand in hand with data collection, as remarked by Partington (1998), and aid the researcher, for instance, to discard ungrammatical examples. Similarly, the direct observation of the data can also contribute to the confirmation of hypotheses or *a priori* formulated theories and call our attention to new aspects of the language that would otherwise remain unnoticed.

As regards the study of the lexicon of sub-languages, when it comes to large specialised corpora, the vocabulary inventories that can be extracted from them represent a valuable source of information that could not be accessed otherwise. However, to the best of our knowledge, the amount of written legal corpora is certainly

limited and the access to them, except for a few cases, is neither complete nor free. As a consequence, we engaged into corpus design and decided to create the *British Law Report Corpus* (*BLaRC*), a legal English corpus of law reports that could act as a source of specific vocabulary to resort to for further linguistic analysis.

### 1.2. GENERAL OBJECTIVES AND STRUCTURE

The major objective of the present PhD thesis, as stated in its title, is the identification and analysis of the specialised vocabulary in *BLaRC*, an English corpus of law reports designed and compiled *ad hoc*.

As shown in section 2.1., the amount and accessibility of legal corpora is reduced, which led into the compilation of a specialised corpus that could serve the main purpose of this work. *BLaRC* was designed following the main standards in corpus linguistics (CL) as reflected in Sánchez et *al.* (1995) and Wynne (2005) for general corpora, and Pearson (1996) and Rea (2010) for specialised ones. A full description and justification of the corpus as well as the main issues related to its compilation are presented in chapter 2.

Owing to the size of this *ad hoc* legal corpus, 8.85 million words, it became essential to select efficient automatic term recognition (ATR) methods that could reach high precision rates in term identification. This is why ten different ATR methods were tested with the aim of choosing the ones which could extract automatically the greatest amount of both single and multi-word legal terms in it. Chapter 3 is therefore devoted to the description and evaluation of these ATR methods implemented on a pilot corpus of 2.6m words extracted from *BLaRC*. After selecting the two most efficient techniques, they were applied to it. The results of such process are illustrated in chapter 3. This chapter also offers the two validated lists of single and multi-word legal terms produced

by the two most efficient methods selected, *TermoStat* (Drouin, 2003) and *Terminus 2.0* (Nazar & Cabré, 2012). In the final section of chapter 3, several activities based on *BLaRC* and the term lists obtained from it are suggested as a way to illustrate some of the varied applications of these specialised vocabulary inventories.

Both chapters 2 and 3 are dedicated to the identification of the legal vocabulary found in *BLaRC*, whereas chapter 4 focuses on the analysis of part of this inventory. In spite of its level of specialisation, legal language is peculiarly intertwined with general English in a way that other varieties are not. Legal terms can appear in news articles, TV programmes or be used in everyday conversation due to the fact that legal issues are part of our everyday life and culture.

Using Heatley and Nation's (1996) software *Range* to compare the list of singleword legal terms found in *BLaRC* with the most frequent words of English, it appears that 40.47% of these terms are included amongst the most frequent 3,000 word families in West's (1953) *General service list* and Coxhead's (2000) *Academic Word List*. The percentage is slightly higher, 45.41%, if compared with the *British National Corpus* thus confirming that almost half of the legal terminology identified in our corpus is shared with general English.

This is precisely why special attention is paid to shared vocabulary in chapter 4 of this thesis. As shown above, one of the peculiarities of the legal lexicon, which contributes to its ambiguity and poses special difficulties in the teaching and learning of English for Specialised Purposes (ESP), is the use of words which acquire new technical meanings when they get in contact with the legal context, the so-called *subtechnical* or *semi-technical* vocabulary (the concept is reviewed in section 4.2). Such words as *conviction*, *sentence*, or *trial* are considerably frequent in general English acquiring a new specialised sense when they occur in a specialised environment. There

also exist shared words denoting legal concepts which do not change their meaning in the legal field, as shown in the taxonomy offered in section 4.2.

English makes it specially hard to extract using quantitative methods, since the statistical data associated to this type of words might be misleading when resorting to corpus comparison. In point of fact, no method has been described to date to try and quantify this phenomenon. That is the reason why section 4.3.2. presents *Sub-Tech*, an algorithm which aims at measuring the degree of specialisation of sub-technical words based on the data provided by the application of William's (2001) lexical network model. After calculating the lexical networks for each of the words examined, both in the specialised corpus (*BLaRC*) and a general English one, *LACELL* (*Lingüística Aplicada Computacional, Enseñanza de Lenguas y Lexicografía*), the data obtained are compared and a sub-technicality coefficient is calculated whereby these words can be allocated along a continuum of specialisation depending on the number and frequency of their collocates in both corpora.

Nevertheless, adopting a different perspective for the description of the path followed by sub-technical words towards specialisation was also necessary for a fuller description of this type of vocabulary. Cantos and Sánchez (2001) offer a novel approach to the process by which words "socialise" with each other. Words attract their collocates in the same way as planets orbit around a star producing structures and substructures which are organised hierarchically around a central node. They are the *Lexical Constellations* (LCs) which can be applied to the description of the process of specialisation followed by sub-technical words.

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<sup>&</sup>lt;sup>1</sup> For more information on the LACELL research group see: <a href="http://www.um.es/grupolacell">http://www.um.es/grupolacell</a>

Section 4.4. illustrates the application of this model to the study of the words *trial, charge* and *battery* in their acquisition of new semantic features when employed in a legal environment and the relationship of these new features with the original meaning of these words in the general field.

Chapter 5 presents the conclusion to this thesis which gathers the most relevant points and findings in it. It also acknowledges its limitations and the further research derived from it. The conclusion is followed by the bibliographic references and the list of the online resources consulted.

Finally, the appendix section is divided into three main blocks. The first one shows the lists of the top 200 legal terms identified by each of the ATR method tested in chapter 3 after being validated. The second block includes samples of the texts comprised in *BLaRC*, our legal corpus. They are intended to represent the most relevant levels of the institutional pyramid which courts and tribunals are organised into within the United Kingdom, namely, the Supreme Court of the UK; the Privy Council; the High Court of Justice of England and Wales; the Northern Ireland Court of Appeal; the Scottish Sheriff Court and the Magistrates' Court of England and Wales. The third block of appendices provides the lexical networks calculated for all the words analysed in section 4.3. obtained from *BLaRC* and *LACELL*. Owing to their size, they are offered in an enclosed CD-ROM.

# CHAPTER 2 CORPUS STRUCTURE AND JUSTIFICATION

### **CHAPTER 2**

This chapter is devoted to the description and justification of *BLaRC*, the *British Law Report Corpus*, and *ad hoc* legal English corpus which has been designed and compiled to attain the major objectives of this thesis, which were established in the introductory chapter. As already stated, *BLaRC* has been designed abiding by the corpus linguistics standards stated by Sánchez et al. (1995) and Wynne (2005) for general corpora and Pearson (1998) and Rea (2010) for specialised ones. Let us then discuss the most relevant issues considered prior to and throughout its design and compilation phase.

### 2.1. BLaRC AND OTHER LEGAL CORPORA

Research into specific corpora availability led to a short list of legal corpora which did not satisfy our needs. The first corpus worth mentioning is *BoLC* (*Bononia Legal Corpus*), since this is probably the most comprehensive legal corpus existing due to its selection of texts from varied genres and topics, and also the closest to *BLaRC* especially regarding the genres it covers. It is a multilingual comparable Italian-English corpus, designed as part of a research project at the University of Bologna where John Sinclair played an important role as a consultant. It aims at "representing the two different legal systems, in particular the differences between the civil law and the common law systems" (as stated on the project website<sup>2</sup>). Its English section, of ca. 50m words, covers several legal genres, namely, UK statutes, law reports and statutory instruments. It can be freely accessed through the internet but not downloaded.

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<sup>&</sup>lt;sup>2</sup> http://corpora.dslo.unibo.it/bolc eng.html

However, the rest of corpora described herein were either too small to act as a normative reference, or inaccessible. As a matter of fact, they focused on aspects of the language which were not relevant for this study or were conceived as parallel corpora with a translational or comparative purpose.

The *JRC-Acquis* Corpus is one of them. It is a multilingual parallel corpus which includes European Union legislative texts affecting all member states in 22 different languages. The English section contains 23,545 texts and 34,588,383 words. It is fully accessible and downloadable.

The *CorTec* corpus is a scientific-technical parallel corpus divided into four sections, one of them deals with commercial law and includes agreements and contracts in English and Brazilian Portuguese. It has 1m words per section and has been developed by the Translation and Terminology Centre of the University of St. Paul, Brazil.

As for the *HOLJ* corpus, it is a monolingual synchronic one comprising 188 judgments of the House of Lords from 2001 to 2003. The number of words is approximately 3,000,000 and its aim is to define a set of rhetorical role labels.

Lastly, the *Cambridge International Corpus*, owned by Cambridge University Press, has a legal corpus section of 20m words. It is neither accessible nor commercialised. It has been employed by CUP to design their legal English books.

There also exist legal sections or materials included in some of the best known general British English corpora like the *BNC* (*British National Corpus*<sup>3</sup>) or the *COBUILD*, but they could not serve our purpose either as they are non-specific and cannot be freely downloaded or processed<sup>4</sup>.

<sup>&</sup>lt;sup>3</sup> For more information on the *BNC*: <a href="http://www.natcorp.ox.ac.uk">http://www.natcorp.ox.ac.uk</a>

<sup>&</sup>lt;sup>4</sup> Tom Cobb's website (<a href="http://www.lextutor.ca/concordancers/concord\_e.html">http://www.lextutor.ca/concordancers/concord\_e.html</a>) offers the possibility of freely consulting a 2m word legal section of BNC.

### 2.2. LAW REPORTS AND THEIR ROLE IN COMMON-LAW-BASED LEGAL SYSTEMS

Establishing the sampling frame, that is, "the entire population of texts from which we [would] take our samples", as McEnery and Wilson (1996: 78) put it, was our first objective, and law reports were selected due to the pivotal role they play in the UK judicial system as well as in any other common law countries. We are aware that the conclusions drawn from the study of one single genre cannot be extrapolated to the whole variety, one of Chomsky's criticisms against early CL. However, law reports, that is to say, written reports of judicial decisions or judgments, stand at the very core of common law systems acting as the main source of law followed by statutes and equity, hence the relevance of focusing on this legal genre and its lexicon.

If representativeness is crucial for the design of any corpus (Sinclair, 1991; Biber, 1993; Sánchez et *al.*, 1995; McEnery & Wilson, 1996; Wynne, 2005, etc.), narrowing the boundaries of our object of study became a must, as we soon realised how legal language is intertwined with everyday language, how it is present both in the public and private fields, and consequently how the vastness of this ESP branch could not be covered or managed in a project of this nature. The following legal genre taxonomy offered by Orts (2006) illustrates this fact:

#### "Public Law:

- a) Unenacted law:
- Judgments (that is, the content of law reports)
- Subpoenas, summons, injunctions
- b) Enacted law:
- Enactments, statutes,
- Delegated Legislation

### **Private Law:**

- Wills, deeds, underwritings
- Power of attorneys, divorce agreements
- Contracts (leases, sales contracts, export documents, insurance policies, arbitration clauses, etc.)

**Doctrine and Jurisprudence**: textbooks, casebooks, articles,

manuals, etc." (Orts, 2006: 119)

Orts (2006, 2009) offers a comprehensive review of different approaches to *legalese* and legal genres both from the field of law (Melinkoff, 1963; Jackson, 1985; Tiersma, 1999; etc.) and linguistics (Crystal & Davy, 1969; Danet, 1980; Bathia, 1993, 2004; Kurzon, 1986; Swales, 1985; Maley, 1987; Alcaraz 1990, 1994, 2000; etc.). The number of legal genres authors have identified varies depending on the perspective of their analysis, and law reports appear in generic classifications as part of the oral mode (Danet, 1980); within the category "recording and law making" (Maley, 1994); or as public unenacted law (Orts, 2009), amongst others.

Sinclair states that "the contents of the corpus should be selected ... according to their communicative function in the community in which they arise" (in Wynne, 2005: 5), therefore, the selection of law reports as the object of study could be justified owing to the fact that they are an essential wheel in the British legal machinery and their status within it is unquestionable.

The United Kingdom belongs to the realm of common law, as opposed to civil or continental law. Western European law, except for the UK, is based on the civil law system. Although it may refer to and apply the existing jurisprudence, it mostly relies upon the law pertaining to the criminal or civil fields (amongst others) which is codified following the Roman law tradition. On the other hand, in common law countries like USA, Canada, Australia, etc., and specifically in the UK, law decisions were based on

previous cases always abiding by the principle of *stare decisis* (to stand by what has previously been decided), and not on acts passed at the parliament.

Nevertheless, common law systems have evolved in different ways: some of them are mixed like Québec or Scotland, where the law is both codified and uncodified. The majority of them is mostly jurisprudential and complies with the principle of binding precedent, that is to say, the decisions made at a higher tribunal should act as binding precedent as long as they are related to the case in question in their essence. Determining what the essence of a given case is –establishing the *ratio dicendi*– is part of the judge's role. "Cases must be decided the same way when their material facts are the same, ... but the legally material facts may recur and it is with these that the doctrine is concerned", according to Williams (in Bhatia, 1993: 128).

Nonetheless, in purely common law systems, the acts passed at their parliaments have gained greater importance being most often cited in case decisions. In the last 150 years (Orts, 2006), enacted law has become essential as a source of law, albeit law reports, as far as they interpret the law and the existing precedents, stand out as the major one.

Another relevant communicative function, as highlighted by Bathia (1993: 119-120), is the one played by this legal genre within Higher Education. The use of law reports as an essential reference for Law students makes them fundamental for this ESP variety. Furthermore, law reports are rather comprehensive texts since they not only cover all the branches of Law, but also touch upon other genres like statutes, wills, contracts, etc. when such text types are referred to as facts, evidence, or any other section within the judicial decision, hence their relevance from a linguistic point of view.

Law reports are written reports of judicial decisions on cases that solicitors, barristers<sup>5</sup>, judges, or any other legal professionals need to know. They must be cited and act as the solid ground on which they will build their arguments. This is why, in those common law systems, law reports are made public through different institutions, i.e. the Incorporated Council of Law Reports of England and Wales (ICLR), publishing houses like Butterworth or Lloyds, etc., every year. Due to the widespread use of information technologies and particularly the internet, there is a tendency towards digitalising these texts and storing them in online databases. Using search engines can make case citation a really easy task that used to take ages for legal practitioners to become fully informed about.

There are voices which stand against such availability of case decisions as authorised as The Lord Chief of Justice's<sup>6</sup>. In the launch of the ILCR's DVD on law reporting (October 2009), Lord Judge stated that "all too many cases cited in court, ... had simply been downloaded from the internet with no regard to their value as precedents". Whether this be right or not, for a linguist designing a legal corpus, this is an undoubtedly valuable source of information about the way this variety of English is used in real situations.

Nonetheless, access to most of these data bases is often restricted, there are such popular ones as Justis.com, LexisNexis.com, etc. (they are really expensive due to the amount of time they save, so law firms, law faculties, and the like are subscribed users precisely because of that). These data bases offer different possibilities to legal

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<sup>&</sup>lt;sup>5</sup> The terminology in use refers solely to England and Wales as it varies considerably from one system to the other one. Solicitors are lawyers who do not have right of audience, they can only draft legal documents but cannot represent their clients at court, this is the function of barristers who can act as counsel for defence or prosecution at most courts (except for tribunals where solicitors are allowed to do it).

<sup>&</sup>lt;sup>6</sup> He is the head of the judiciary in England and Wales.

practitioners to locate and cite cases depending on the court they were heard at, their main topic, the judges who heard them, the identity of the parties, etc.

However, the British and Irish Legal Information Institute (BAILII.org) has created a completely free and comprehensive online data base with more than 200,000 cases available (about 11 gigabytes of legal materials) and classified them according to the court where they originated and the jurisdiction they belong to.

Although we are not subscribed users of the data bases mentioned above, we have enjoyed free access to some of them and confirmed the fact that, leaving aside the numerous possibilities and applications they provide to legal practitioners —who they were designed for—, they offer a smaller amount of texts than the free-access BAILII database. BAILII has become a really useful and free source of not only case decisions (most of them), but also statutes and some scientific legal texts. It is supported by a number of sponsors like the Inns of Court (barristers' professional associations), law faculties (Cambridge, Oxford, Glasgow, Edinburgh, Cork, etc.), law firms and other prestigious institutions, hence its importance and recognition by professionals.

#### 2.3. GEOGRAPHIC SCOPE OF CORPUS TEXTS

As well as abiding by hierarchical criteria when organizing the corpus, one of the first elements that conditioned our choice was the way that legal vocabulary varies according to the system where it is used. This is so because of the laws and regulations that organise the countries which the UK is divided into. The judicial systems of Northern Ireland, Scotland, England and Wales do not solely depend on UK institutions, but rather have their own autonomous systems and structure. But for the Supreme Court (in general terms) and the UK Tribunal Service (except for some cases), each country is fully independent as regards its judicial system.

This being so, *BLaRC* was structured into five main branches depending on the jurisdictions of their judicial systems, that is, the geographical scope of their courts and tribunals:

- 1. Commonwealth countries.
- 2. United Kingdom.
- 3. England and Wales.
- 4. Northern Ireland.
- 5. Scotland.

Special attention is deserved by the first section, that of Commonwealth countries. The Judicial Committee of the Privy Council is a UK institution whose main role is acting as the "highest court of appeal for many current and former Commonwealth countries, as well as the United Kingdom's overseas territories, crown dependencies, and military sovereign base areas" (as stated on their website<sup>7</sup>). The cases heard at this court may come from such varied origins as Mauritius, Caiman Islands, Jamaica, Trinidad and Tobago, etc. Since such geographical variation necessarily implies terminological changes due to their different legal systems, it seemed interesting to devote one of the sections of the corpus to the texts coming from such varied sources, in spite of them not being too numerous.

As regards the second section, it comprises those institutions which are competent to judge cases from all over the UK (with certain exceptions). This category includes the court of last resort of Great Britain, the Supreme Court, as well as the net of administrative courts.

The other three sections are organised in the same way as their judicial systems, that is, except for England and Wales which share the same structure and laws, the

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<sup>&</sup>lt;sup>7</sup> http://www.jcpc.gov.uk/

justice of Northern Ireland and Scotland work independently from the other two but for the net of administrative tribunals (barring some cases), and the Supreme Court, as already indicated.

# 2.4. CHRONOLOGY: DATE OF TEXTS

BLaRC is a specific synchronic monolingual corpus of legal English texts which has been designed and compiled with the aim of identifying and studying the specialised vocabulary of law reports in the United Kingdom. Following Pearson, "a specific corpus compiled for terminological studies, [should include texts] ... delivered in the last 10 years prior to the date of compilation" (1998: 51). This is why the texts included in this corpus were produced at UK courts and tribunals from 2008 to 2010. The texts were always gathered randomly yet always belonging to the time span just mentioned.

Moreover, owing to the changes that the structure of these courts has experienced as a consequence of the recent modifications of the law that regulates it, we considered that, if the structure of the corpus responded to the structure of UK courts and tribunals because of thematic and hierarchical reasons—as will be shown below—, it should adjust to the latest modifications it has experimented.

We are specifically referring to the *Constitutional Reform Act*, 2005, by which the Supreme Court of the United Kingdom was created and started to work on 1<sup>st</sup> October 2009. Its role was formerly performed by the so-called Law Lords of the House of Lords (one of the two chambers the British Parliament is divided into), and the *Tribunals, Courts and Enforcement Act*, 2007 which regulates the structure of these institutions thus affecting the structure of *BLaRC* itself.

# 2.5. MODE AND DOMAIN OF TEXTS

The mode of the texts included in *BLaRC* is written. They were all stored in raw text format using code labels to facilitate their identification. The codes specify the jurisdictional area they belong to, for instance, *EW* for England and Wales or *NI* for Northern Ireland; the court or tribunal, *SC* would stand for the *Supreme Court*; and the order number the texts had been assigned. Thus, if a text was labelled *<EWHCFAM1>*, it would indicate that it is the first one in a category where only the judicial decisions made at the High Court of Justice (*HC*), Family Division (*FAM*) of England and Wales (*EW*) would be included. These codes also facilitate their processing with *Wordsmith*, 5.0 (Scott, 2008), the software tool employed to produce the type lists necessary to implement automatic term recognition (ATR) methods.

The exclusion of oral samples of legal language is justified by the difficulty of having access to such material. Obtaining this kind of samples would have implied having access to courtrooms and permission to record the trial sessions, a certainly complicated objective for Spanish researchers merely interested in linguistic data.

Furthermore, supposing we had been granted access and permission to do so, obtaining an amount of texts that could make our conclusions representative of the variety would have taken ages. Moreover, the range of the text selection included in *BLaRC* would have required going to one and every courtroom belonging to all the jurisdictions and levels the corpus has been structured into, a definitely unattainable task for a project of this nature.

Regarding the texts themselves, they are full authentic transcriptions of judicial decisions as produced by the official court shorthand writers whose structure may vary depending on the nature of the case and the hierarchical position of the court where it was heard. That is to say, cases heard at the Supreme Court follow a complex and long

route of appeal that implies much greater argumentation and case citation than a case tried at a first-tier tribunal (at the bottom of the judicial pyramid).

They are entire texts obtained in digital format from BAILII.org, a free online legal database, as explained above. This was certainly a great advantage that saved much time as regards the compilation phase. The texts were automatically downloaded from the internet using a webcrawler software which allows the user to scan websites and save all the files stored in their servers automatically so that everything in them can be consulted offline afterwards. Once the files had been downloaded, they had to be classified into different folders according to the structure of the corpus. They were also manually supervised to avoid problematic characters which may interfere with their processing and they were assigned a code, as explained above.

The size of the texts varies from really long ones (a minority) of 20,000 words, to really brief ones of about 600. The average is 2,000 to 2,500 words. They have all been produced (though not transcribed) by British judges and reflect their decisions about the cases in question as well as the facts, arguments, prior decisions made at other courts and any other kind of information relevant to the case. There is therefore no similarity in terms of text size among each of the linguistic samples that form *BLaRC* as we do follow the recommendations made by Sinclair in this respect: "Samples of language for a corpus should wherever possible consist of entire documents or transcripts of complete speech events" (in Wynne, 2005). Morever, Biber (1998) refers to the inclusion of long texts in a corpus. Although he attested that "the counts are relatively stable across 1,000 word samples ... some grammatical features ... are so rare that they would require larger samples".

# 2.6. CORPUS SIZE AND REPRESENTATIVENESS: ESTABLISHING THE WORD TARGET

Representativeness is central to corpus design and the size of a corpus may determine whether it is representative of the variety of the language it aims at covering or simply an illustrative sample of it with no predictive value. Sánchez et al. (1995) highlight the relevance of the reliability of the conclusions based on linguistic corpora. Their representativeness is directly linked to the internal structure and organisation of the corpus in order for the conclusions based on it to be susceptible of becoming generalisations on the language. Along these lines, Biber also insists on the importance of this issue owing to the fact that "a corpus is not simply a collection of texts. Rather, a corpus seeks to represent a language or some part of a language" (Biber, 1998: 246).

Nonetheless, there seems to be no clear agreement as regards the recommended size for a specialised corpus. Most approaches to this question are made on a theoretical basis. Whereas Pearson (1998) proposes a million words as a reasonable number (she poses that the limit should rather be established by the number of texts available and convertible into digital format), Sinclair (1991) believes that corpora must be as large as possible, establishing 10 to 20m words as the recommendable target for a specialised one. On the other hand, Kennedy (1998) does not consider that a big corpus necessarily represents the language better than a small one. In addition to this, Flowerdale underlines that the size of a specialised corpus will necessarily depend on the aim the corpus has been designed for, given that "specialised corpora are constructed with an *a priori* purpose in mind" (Flowerdale, 2004: 25).

Only a few authors draw their conclusions in this respect from actual data. Heaps (1978), Young-Mi Yeong (1995) or Sánchez and Cantos (1997) propose measures to try and determine the most suitable size for a corpus based on regression

techniques. Nevertheless, as acknowledged by Cantos (Yang et al., 2000), these studies present certain limitations since "the functions proposed may be likely to change as the corpus grows dramatically" (Yang et al., 2000: 21). Based on the work by Sánchez and Cantos (1997), Corpas (2010) suggests that observing the way lexical density evolves in a corpus as its size augments might be indicative of the ideal size it should reach. Instead of concentrating on the growth of the number of tokens, Corpas relates the evolution of the type/token ratio to the amount of texts included in the corpus, assuming that once a given number of documents has been reached, the number of types does not increase parallel to the number of tokens.

The data offered below are based on Sánchez and Cantos' (1997) proposal to formulate a method to try to determine the optimum size for a corpus to be representative of given language variety. These authors divide the *CUMBRE* corpus, a Spanish text collection of 8 million words, into several mini-corpora of similar size, also respecting the reference corpus internal structure, with the aim of designing a formula that can predict the number of types and lemmas in relation to the number of tokens. Thus, researchers aiming at compiling a corpus could save time in gathering an excessive amount of data by applying these formulas to a relatively small amount of texts.

Sánchez and Cantos (1997) demonstrate that, while the number of tokens augments linearly, the number of types and lemmas is represented by a parabolic function. Several tests are carried out to confirm the validity of the formulas they propose showing that the TYT-formula manages to predict the number of types and lemmas in a corpus with a  $\pm 5\%$  error margin, "and this speaks eloquently of its validity" (Sánchez & Cantos, 1997: 276).

Therefore, taking all these perspectives into consideration, it became necessary to confirm that our initial word target (8.85m words) would suffice for a study of this kind, which focuses on term identification and analysis. In order to do that, following Sánchez and Cantos (1997), the type/token ratio in *BLaRC* was measured as a potentially good indicator of its lexical density. This was done using *Wordsmith 5.0* (Scott, 2008), which allows us to calculate this ratio automatically. The corpus was divided into 27 sub-corpora of similar size (ca. 2Mb each) which were progressively brought together so that the number of tokens augmented homogenously. These sub-corpora were organised and structured respecting the thematic areas the texts belonged to (as long as it was possible) in order to grant the reliability of the results obtained. Then, the sub-corpora were processed to observe how the type/token ratio evolved as the amount of running words increased.

**Table 1.**Standardised type/token ratio and type increase in BLaRC

| TOKENS    | TOKEN<br>INCREASE | TTR   | TYPES  | TYPE<br>INCREASE |
|-----------|-------------------|-------|--------|------------------|
| 297,097   | 100%              | 33.88 | 10,271 | 100%             |
| 561,454   | 47.08%            | 33.95 | 14,272 | 28.03%           |
| 985,797   | 43.04%            | 33.86 | 18,397 | 22.42%           |
| 1,249,732 | 21.11%            | 33.95 | 20,940 | 12.14%           |
| 1,570,292 | 20.41%            | 34.09 | 23,570 | 11.15%           |
| 1,934,321 | 18.81%            | 34.11 | 25,448 | 7.37%            |
| 2,265,164 | 14.60%            | 34.15 | 27,419 | 7.18%            |
| 2,602,152 | 12.95%            | 34.13 | 29,673 | 7.59%            |
| 2,983,539 | 12.78%            | 34.15 | 31,946 | 7.11%            |
| 3,375,415 | 11.60%            | 34.21 | 34,282 | 6.81%            |
| 3,674,688 | 8.14%             | 34.22 | 35,877 | 4.44%            |
| 3,967,404 | 7.37%             | 34.2  | 37,295 | 3.80%            |
| 4,275,997 | 7.21%             | 34.05 | 38,475 | 3.06%            |
| 4,561,296 | 6.25%             | 33.99 | 39,929 | 3.64%            |
| 4,977,097 | 8.35%             | 33.93 | 41,614 | 4.04%            |
| 5,200,469 | 4.29%             | 33.91 | 42,394 | 1.83%            |

| 5,608,559 | 7.27% | 33.92 | 43,671 | 2.92% |
|-----------|-------|-------|--------|-------|
| 5,891,288 | 4.79% | 33.84 | 44,658 | 2.21% |
| 6,195,447 | 4.90% | 33.93 | 45,659 | 2.19% |
| 6,497,335 | 4.64% | 34.02 | 46,877 | 2.59% |
| 6,784,383 | 4.23% | 34.04 | 47,726 | 1.77% |
| 7,038,765 | 3.61% | 34.07 | 48,359 | 1.30% |
| 7,222,673 | 2.54% | 34.05 | 49,144 | 1.59% |
| 7,534,814 | 4.14% | 34.08 | 50,065 | 1.84% |
| 7,849,406 | 4.01% | 34.12 | 50,999 | 1.83% |
| 8,198,039 | 3.62% | 34.11 | 52,016 | 1.78% |
| 8,508,883 | 3.65% | 34.13 | 53,083 | 2.01% |
| 8,857,197 | 3.72% | 34.08 | 53,714 | 1.17% |

Table 1 illustrates how the standardised type/token ratio (computed every 1,000 tokens) does not vary significantly remaining constant from the smallest to the biggest token set. There is a difference of 0.38 points between the lowest and the highest type/token ratio value which may imply that lexical density is very similar regardless of the size of the sub-corpora included in each section.

However, calculating the increase in the number of types with respect to the number of tokens provides more relevant data which could be employed to confirm that the amount of texts collected may suffice to achieve the goals established for this analysis.

As a matter of fact, judging by the progression of the number of types, it can be observed that it is inversely proportional to corpus size as already proved by Sánchez and Cantos (1997). The highest percentages of type increase can be found between ca. 300,000 and 1.5 million tokens decreasing progressively from 28.03% to 11.15%. Once the corpus reaches 3.6 million words (tokens), type increase drops considerably from 6.81% to 4.44%. This percentage diminishes to less than 2% when the corpus doubles its size from 3.5 to 7 million tokens fluctuating slightly as it continues growing. Finally,

it is hardly significant once the corpus augments to 8.3 million tokens falling from 2% to 1.17% (8.83m).

Additionally to Sánchez and Cantos' (1997) study, term increase was also measured following the same procedure as the one suggested by these authors. The terms in the type list were identified by comparison with a specialised legal English glossary of 10,088 terms described in detail in chapter 3. Both the glossary and the lists generated by *Wordsmith* (after progressively bringing together the 27 sub-corpora *BLaRC* was divided into) were compared using an excel spreadsheet so as to find out how many true terms (TTs) were included in each of the lists of types obtained.

The graph in figure 1 illustrates how the percentage of type and term increase follows a very similar fashion revealing that the latter is also inversely proportional to the number of tokens displayed on the x-axis. The first set of tokens includes subcorpora 1 and 2, the second one, sub-corpora 1 to 3, the third one, sub-corpora 1 to 4, and so forth.

Concerning the number of new terms appearing as the corpus grows bigger, the graph indicates that once the corpus reaches 1 million tokens, it augments considerably less falling from 10.03% to 4.72%. From that point on, although slightly recovering, this percentage will drop to 1.62% for sub-corpora 1 to 7 (2.26m tokens). It remains constant at 1.02% on average until the corpus grows to 6.78 million words decreasing to 0.4% and not experimenting any significant changes from that point on.

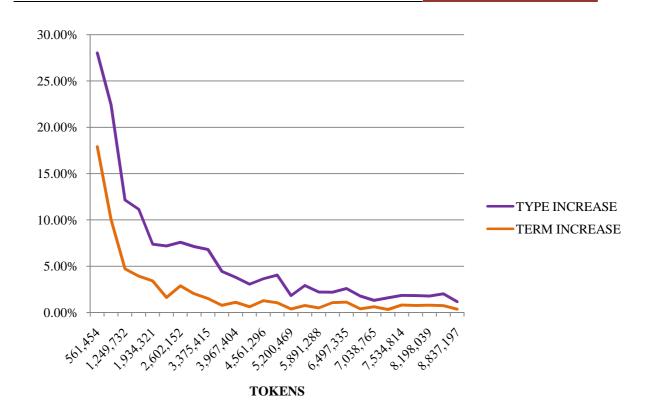


Figure 1. Type/term increase in BlaRC

Consequently, it appears that the initial target established for a corpus like *BLaRC* may suffice to attain the objectives set for its compilation. In point of fact, 3.5 million words would have been enough due to the low increase in the percentage of new types and terms appearing as the corpus grew bigger. This is the reason why a pilot corpus of 2.6 million words (*The United Kingdom Supreme Court Corpus*) was extracted from *BLaRC* in order to facilitate the process followed to validate the automatic term recognition methods examined in chapter 3.

In spite of that fact and owing to the major aim of this work, that of identifying and analysing the specialised vocabulary in our legal corpus, letting the corpus grow to 8.85m words would necessarily cause the number of terms to augment (however low such increase might appear to be), providing more detailed information on the specialised lexicon of the corpus and facilitating such tasks as, for instance, the analysis

of rarer cases such as highly technical terms presenting lower frequency and distribution values.

#### 2.7. LEXICAL VARIETY

Law reports should not only be paid special attention within ESP because of their essential function in common law systems, but also because of their vast topic coverage. This corpus has been organised according to the source where the corpus texts originated, that is, what court or tribunal cases were heard at and decided on.

Tribunals and courts are specialized in a given branch of law: criminal law, family law, commercial law, intellectual law, etc., and law reports touch upon one and every branch of both the private and public fields. Judges are in charge of judging cases by both interpreting the law itself (the statutes passed at the parliament), and fundamentally taking into consideration the existing precedents. Therefore their judgments, as reflected on law reports, pertain to all the fields of law.

# 2.8. THE STRUCTURE OF COURTS AND TRIBUNALS AND THEIR PARALLELISM WITH BLaRC

In *Corpus Linguistics*, McEnery and Wilson (1996) refer to Biber when highlighting the importance of establishing a clear structure for the design of a corpus prior to its compilation and analysis: "Biber ... emphasises the advantage of determining beforehand the hierarchical structure (or strata) of the population, that is, defining what different genres, channels and so on it is made up of" (McEnery and Wilson, 1996:79).

This is the reason why it is essential to justify the categorization method that was followed in the organisation of *BLaRC*. This corpus retains the current UK tribunal and court structure after its recent modifications as reflected on BAILII, the online legal

database which has served as the source to obtain the texts that make it up. This is so because of several reasons, the first one being the relevance of the hierarchy of courts and tribunals in the UK legal system. The principle of binding precedent, which the British judicial system revolves around, establishes that any decision made at a higher court or tribunal will set binding precedent as long as the case is similar to the one under examination in its essence (the *ratio dicendi*).

Secondly, if this structure was maintained, the texts would be grouped according to the field of law they belong to, so they would be similar in lexical terms, and comparing results by studying the categories separately would be easier and respond to a thematic criterion which is fundamental as far as the identification and study of the specialised vocabulary of law reports is concerned.

In the third place, the route of appeal for a case also responds to this hierarchy. One single case could be heard at more than one tribunal or court if it obtained leave of appeal, that is to say, when a decision is not favourable to any of the parties involved in a trial, it may be appealed to and, if granted permission, it could be heard at higher instances. This fact implies that there are similar tribunals and courts belonging to the same field of law at different levels of the judicial structure, i.e. the UK Upper tribunal of Finance and Tax and the First Tier Tax Tribunal deal with similar cases, yet the former is at a higher level and would either have jurisdiction over certain cases which imply, say, greater amounts of evaded money, or others that come from First Tier tribunals and have been granted leave of appeal.

The same case could go up the structure to the court of last resort of the United Kingdom: the Supreme Court, although, as far as the lexical content of the texts is concerned, it should be modified and argued in greater depth every time it is reviewed

and heard at a higher level, thus becoming a different text as it follows the route of appeal.

Another factor conditioning the structure of *BLaRC* is the distribution of the population in the United Kingdom. As it is shown in the UK official census 2011, elaborated by the Office of National Statistics, it appears that almost 90% of the population of the whole territory is concentrated in England and Wales while Northern Ireland only has about 3 % and Scotland 9%. Although the number of texts and word targets per category and subcategory were not distributed mathematically depending on these figures, they were taken into account in order to reinforce the representativeness of the texts obtained from English and Welsh sources that amounted to approximately 55% of the total.

Having justified the way the corpus has been structured, its categorisation goes as follows:

#### 1. Commonwealth countries

1.1. The judicial committee of the privy council

#### 2. UK courts and tribunals

- 2.1. United Kingdom House of Lords and UK Supreme Court.
- 2.2. Upper Tribunal (Administrative Appeals Chamber)
- 2.3. Upper Tribunal (Tax and Chancery)
- 2.4. Upper Tribunal (Immigration and Asylum Chamber)
- 2.5. Upper Tribunal (Lands Chamber)
- 2.6. First-Tier tribunal General Regulatory Chamber.
- 2.7. First-tier Tribunal (Health Education and Social Care Chamber)
- 2.8. First-tier Tribunal (Tax)
- 2.9. United Kingdom Competition Appeal Tribunal

- 2.10. United Kingdom Employment Appeal Tribunal
- 2.11. United Kingdom Financial Services and Markets Tribunals
- 2.12. United Kingdom Asylum and Immigration Tribunal
- 2.13. United Kingdom Information Tribunal including the NationalSecurity Appeals Panel
  - 2.13.1United Kingdom VAT & Duties Tribunals (Customs)
  - 2.13.2 United Kingdom VAT & Duties Tribunals (Excise)
  - 2.13.3. United Kingdom VAT & Duties Tribunals (Insurance Premium Tax)
  - 2.13.4. United Kingdom VAT & Duties Tribunals (Landfill Tax)
- 2.14. United Kingdom VAT & Duties Tribunals
- 2.15. Nominet UK Dispute Resolution Service
- 2.16. Special Immigrations Appeals Commission
- 2.17. United Kingdom Special Commissioners of Income Tax
- 2.18. UK Social Security and Child Support Commissioners

# 3. England and Wales

- 3.1. England and Wales Court of Appeal (Civil Division)
- 3.2. England and Wales Court of Appeal (Criminal Division)
- 3.3. England and Wales High Court (Administrative Court)
- 3.4. England and Wales High Court (Admiralty Division)
- 3.5. England and Wales High Court (Chancery Division)
- 3.6. England and Wales High Court (Commercial Court)
- 3.7. England and Wales High Court (Court of Protection)
- 3.8. England and Wales High Court (Senior Court Costs Office)
- 3.9. England and Wales High Court (Family Division)

- 3.10. England and Wales High Court (Mercantile Court)
- 3.11. England and Wales High Court (Patents Court)
- 3.12. England and Wales High Court (Queen's Bench Division)
- 3.13. England and Wales High Court (Technology and Construction Court)
- 3.14. England and Wales Patents County Court Decisions
- 3.15. England and Wales Magistrates' Court (Family)
- 3.16. England and Wales County Court (Family)
- 3.17. England and Wales Care Standards Tribunal
- 3.18. England and Wales Lands Tribunal

# 4. Northern Ireland

- 4.1. Court of Appeal in Northern Ireland
- 4.2. Crown Court for Northern Ireland
- 4.3. High Court of Justice in Northern Ireland Chancery Division
- 4.4. High Court of Justice in Northern Ireland Family Division
- 4.5. High Court of Justice in Northern Ireland Queen's Bench Division
- 4.6. High Court of Justice in Northern Ireland Master's decisions
- 4.7. Fair Employment Tribunal
- 4.8. Industrial Tribunals
- 4.9. Social Security and Child Support Commission

# 5. Scotland

- 5.1. Scottish Court of Session
- 5.2. Scottish High Court of Justiciary Decisions
- 5.3. Scottish Sheriff Court Decisions

# 2.9. DISTRIBUTIONAL CRITERIA AND TARGETS PER CATEGORY

The amount of texts forming *BLaRC* is not evenly distributed amongst its categories. Great variation was found depending on the text source (court or tribunal). Whereas there were sections where the overall number of texts was remarkably high —the Administrative Chamber of England and Wales high Court section of BAILII offered 1922 cases between 2008 and 2010—, there were others like the United Kingdom VAT & Duties Tribunal which were also exceptionally low with 1 or 2 at most, yet none of these cases represents the average.

The reasons for the irregular distribution of the texts available are varied, in some cases, especially regarding tribunals, they have either started working recently or disappeared due to the *Tribunals, Courts and Enforcement Act, 2007*, cited above. In some others, the high figures coincide with a densely populated area (one of the criteria supporting text distribution within the corpus) or with a court that, due to its high status in the hierarchy (i.e. any of the chambers of the High Court of Justice of England and Wales), is in charge of hearing a very high number of cases.

In addition to this, it is assumed (as there is no physical evidence of it) that the fact that a court or tribunal is less productive in terms of text availability, implies that there are less cases being heard at it. Whether this be certain or not, it is beyond our knowledge since BAILII is a free online database supported by authoritative institutions and built up by reputed contributors who altruistically donate the transcriptions of judge's decisions obtained from official sources.

Nonetheless, and regardless of the possible explanation that may have been found for this phenomenon, the targets established for the sections and subsections of the corpus were kept proportional to the total number of texts available within the covered time span. Therefore, the sub-targets were set according to this criterion: if the

number of texts in a section was higher, they were assigned a larger word target, thus being more representative of the language as that is the proportion they keep in real life, or at least it is assumed to be so.

All the same, a corpus should not be intended to systematise reality in a mathematical way, in this case, we simply intended to be as coherent as possible in every step we took towards corpus design. As Sinclair (2005) puts it when dealing with the issue of sampling a corpus and the structural criteria to employ when designing it: "real life is rarely as tidy as this model suggests" (Sinclair, 2005: 3). Moreover, "We remain ... aware that the corpus may not capture all the patterns of the language, not represent them in precisely the correct proportions. In fact there are no such things as "correct proportions" of components of an unlimited population".

Having said that, the final targets do not coincide mathematically with the ones planned in advance. This is basically due to the fact that the exact extension of the texts could not be controlled as they were gathered randomly so most sub-targets slightly exceed the initial figures although never significantly.

There is just one exception to this proportional distribution of texts and targets. It is the category corresponding to the Supreme Court of the UK. In this case, due to the fact that it is the court of last resort for the whole of the UK which hears appeals from all jurisdictions and areas of law, we considered that it should be given greater relevance precisely because of that. This is why all the available texts from 2008 to 2010 from these two courts were sampled regardless of their proportion with respect to the total amount of texts existing within this time frame.

Having said so, the total number of texts available between 2008 and 2010 was 16,612. Therefore, the targets were established with respect to it, as already stated. The tables below illustrate how this distribution was organised by showing the total number

of texts available per sub-category, their percentage with respect to the total amount of texts, and the corresponding word target achieved following this proportion.

# 1. COMMONWEALTH COUNTRIES

| COURT         | AVAILABLE<br>TEXTS | % OF TOTAL | FINAL WORD<br>TARGET |
|---------------|--------------------|------------|----------------------|
| Privy Council | 152                | 0,92%      | 55,693               |

# 2. UK COURTS AND TRIBUNALS

| COURT/ TRIBUNAL                          | AVAILABLE<br>TEXTS | % OF<br>TOTAL | FINAL<br>WORD<br>TARGET |
|--|--------------------|---------------|-------------------------|
| Supreme Court                            | 117                | 0,70%         | 1,047,260               |
| House of Lords                           | 74                 | 0,44          | 1,581,655               |
| Upper Tribunal                           |                    |               |                         |
| (Administrative Appeals                  |                    |               |                         |
| Chamber)                                 | 550                | 3,31%         | 250,212                 |
| Upper Tribunal (Tax and                  | 4.4                | 0.270/        | 0.120                   |
| Chancery)                                | 44                 | 0,27%         | 9,138                   |
| Upper Tribunal                           |                    |               |                         |
| (Immigration and Asylum Chamber)         | 59                 | 0.26%         | 21 966                  |
| Upper Tribunal (Lands                    | 39                 | 0,36%         | 21,866                  |
| Chamber)                                 | 135                | 0,82%         | 69,904                  |
| First Tier General                       | 133                | 0,0270        | 07,704                  |
| Regulatory Chamber                       | 124                | 0,75%         | 47,311                  |
| First-tier Tribunal (Health              | 12.                | 3,7273        | .,,011                  |
| Education and Social Care                |                    |               |                         |
| Chamber)                                 | 139                | 0,84%         | 67,797                  |
| First-tier Tribunal (Tax)                | 865                | 5,21%         | 328,012                 |
| Competition Appeals                      |                    |               |                         |
| Tribunal                                 | 100                | 0,61%         | 39,795                  |
| Nominet UK Dispute<br>Resolution Service | 370                | 2,23%         | 140,938                 |
| Special Immigrations                     | 24                 | 0.150/        | 10 105                  |
| Appeals Commission                       | 24                 | 0,15%         | 10,195                  |
| Employment Appeal Tribunal               | 971                | 5,85%         | 320,216                 |
| Financial Services and                   | 7/1                | 3,03/0        | 320,210                 |
| Markets Tribunal                         | 16                 | 0,1%          | 9,025                   |
| Asylum and Immigration                   | 10                 | 5,170         | ,,020                   |
| Tribunal                                 | 141                | 0,85%         | 58,208                  |
| Information Tribunal                     |                    | ·             |                         |
| including the National                   | 130                | 0,79%         | 53,117                  |

| Security Appeals Panel    |     |       |           |
|---------------------------|-----|-------|-----------|
| Special Commissioners of  |     |       |           |
| Income Tax                | 80  | 0,49% | 36,356    |
| Social Security and Child |     |       |           |
| Support Commissioners     | 219 | 1,32% | 83,040    |
| VAT & Duties Tribunals    |     |       |           |
| (Customs)                 | 20  | 0,12% | 11,479    |
| VAT & Duties Tribunals    |     |       |           |
| (Excise)                  | 92  | 0,56% | 34,896    |
| VAT & Duties Tribunals    |     |       |           |
| (Insurance Premium Tax)   | 1   | 0,01% | 7,079     |
| VAT & Duties Tribunals    |     |       |           |
| (Landfill Tax)            | 2   | 0,02% | 9,466     |
| TOTAL                     |     |       | 4,246,965 |

# 3. ENGLAND AND WALES COURTS AND TRIBUNALS

| COURT/ TRIBUNAL            | AVAILABLE<br>TEXTS | % OF<br>TOTAL | FINAL<br>WORD<br>TARGET |
|----------------------------|--------------------|---------------|-------------------------|
| England and Wales Court    |                    |               |                         |
| of Appeal (Civil Division) | 2640               | 15,89%        | 956,398                 |
| England and Wales Court    |                    |               |                         |
| of Appeal (Criminal        |                    |               |                         |
| Division)                  | 1136               | 6,84%         | 414,683                 |
| England and Wales High     |                    |               |                         |
| Court (Administrative      |                    |               |                         |
| Court)                     | 2039               | 12,27%        | 731,693                 |
| England and Wales High     |                    |               |                         |
| Court (Admiralty           |                    |               |                         |
| Division)                  | 17                 | 0,11%         | 8,842                   |
| England and Wales High     |                    |               |                         |
| Court (Chancery            |                    |               |                         |
| Division)                  | 1009               | 6,07%         | 366,298                 |
| England and Wales High     |                    |               |                         |
| Court (Commercial Court)   | 379                | 2,28%         | 142,701                 |
| England and Wales High     |                    |               |                         |
| Court (Court of            |                    |               |                         |
| Protection)                | 26                 | 0,16%         | 34,007                  |
| England and Wales High     |                    |               |                         |
| Court (Senior Costs Off.)  | 70                 | 0,43%         | 29,302                  |
| England and Wales High     |                    |               |                         |
| Court (Family Division)    | 199                | 1,20%         | 84,557                  |
| England and Wales High     |                    |               |                         |
| Court (Mercantile Court)   | 8                  | 0,05%         | 6,152                   |
| England and Wales High     |                    |               |                         |
| Court (Patents Court)      | 105                | 0,64%         | 40,420                  |
| England and Wales High     |                    |               |                         |
| Court (Queen's Bench       |                    |               |                         |
| Division)                  | 709                | 4,27%         | 255,301                 |
| England and Wales High     | 284                | 1,71%         | 101,066                 |

| Court (Technology and   |     |       |           |
|-------------------------|-----|-------|-----------|
| Construction Court)     |     |       |           |
| England and Wales       |     |       |           |
| Patents County Court    | 12  | 0,08% | 15,242    |
| England and Wales       |     |       |           |
| Magistrates' Court      |     |       |           |
| (Family)                | 98  | 0,59% | 33,680    |
| England and Wales       |     |       |           |
| County Court (Family)   | 56  | 0,34% | 20,702    |
| England and Wales Care  |     |       |           |
| Standards Tribunal      | 70  | 0,43% | 27,762    |
| England and Wales Lands |     |       |           |
| Tribunal                | 115 | 0,7%  | 44,004    |
| TOTAL                   |     |       | 3,322,810 |

# 4. NORTHERN IRELAND COURTS AND TRIBUNALS

| COURT/ TRIBUNAL           | AVAILABLE<br>TEXTS | % OF<br>TOTAL | FINAL<br>WORD<br>TARGET |
|---------------------------|--------------------|---------------|-------------------------|
| Court of Appeal in        |                    |               |                         |
| Northern Ireland          | 149                | 0,9%          | 57,309                  |
| Crown Court for           |                    |               |                         |
| Northern Ireland          | 149                | 0,9%          | 55,792                  |
| High Court of Justice in  |                    |               |                         |
| Northern Ireland          |                    |               |                         |
| Chancery Division         | 44                 | 0,27%         | 13,748                  |
| High Court of Justice in  |                    |               |                         |
| Northern Ireland Family   |                    |               |                         |
| Division                  | 53                 | 0,32%         | 20,435                  |
| High Court of Justice in  |                    |               |                         |
| Northern Ireland Queen's  |                    |               |                         |
| Bench Division            | 470                | 2,83%         | 163,081                 |
| High Court of Justice in  |                    |               |                         |
| Northern Ireland Master's |                    |               |                         |
| decisions                 | 27                 | 0,17%         | 11,338                  |
| Fair Employment           |                    |               |                         |
| Tribunal                  | 81                 | 0,49%         | 30,484                  |
| Industrial Tribunals of   |                    |               |                         |
| Northern Ireland          | 891                | 5.36%         | 327,626                 |
| Northern Ireland - Social |                    |               |                         |
| Security and Child        |                    |               |                         |
| Support Commissioners     | 142                | 0,86%         | 56,450                  |
| TOTAL                     |                    |               | 736,263                 |

# 5. SCOTLAND COURTS AND TRIBUNALS

| COURT/ TRIBUNAL        | AVAILABLE | % OF  | FINAL   |
|------------------------|-----------|-------|---------|
|                        | TEXTS     | TOTAL | WORD    |
|                        |           |       | TARGET  |
| Scottish Court of      |           |       |         |
| Session                | 794       | 4,78% | 116,351 |
| Scottish High Court of |           |       |         |
| Justiciary             | 315       | 1,90% | 115,755 |
| Scottish Sheriff Court | 100       | 0,61% | 263,360 |
| TOTAL                  |           |       | 495,466 |

After having calculated the word targets per section and subsection, the overall corpus size is 8,857,197 words.

# 2.10. CONCLUSION

This chapter gives a full description and justification of *BLaRC*, the legal corpus compiled *ad hoc* as a tool to access and study its specialised and sub-technical vocabulary. The compilation of the corpus was motivated by the scarceness of the legal corpora available, as illustrated in section 2.1.

Its design and compilation process was carried out according to CL standards as defined in Sánchez et *al.* (1995) and Wynne (2005) for general corpora and Pearson (1998) and Rea (2010) for specialised ones, so that the results obtained from its subsequent analysis could be worthy, reliable, and useful. An attempt was therefore made to adhere, as far as possible, to both the criteria proposed for text selection and the guidelines for the compilation of specialized corpora from the literature available.

A well-designed corpus creates an excellent opportunity to look into language evidence and perform quantitative and qualitative analyses. *BLaRC* is structured in such a way that it will allow multiple contrastive analyses in relation to the different

# Chapter 2

parameters governing in its projection, namely, topic variety, types of courts and tribunals, and geographical scope.

# CHAPTER 3 EVALUATION OF AUTOMATIC TERM RECOGNITION METHODS

# **CHAPTER 3**

As already stated in the introductory chapter, understanding the terms in a specialised text facilitates greatly the comprehension of the text itself, since terms could be regarded as conceptual vehicles which can be employed to transmit specialised knowledge amongst scientists, researchers, or professionals in all specialised areas. Nowadays, thanks to the easy access and availability of online information, corpora, even specialised ones, have grown bigger and bigger requiring the implementation of automatic term recognition (ATR) methods for the automatic mining of terms, a task that could not have been performed on a corpus like *BLaRC* manually, due to its size.

This is precisely why, once our legal corpus was designed and compiled, in order to study the specialised lexicon of the legal genre it was based on, law reports, it became necessary to identify efficient ATR methods that could automatically recognise legal terms with as much precision as possible. Therefore, this chapter presents the implementation and validation of ten different single and multi-word term recognition methods tested on *UKSCC*, the *United Kingdom Supreme Court Corpus*, a pilot corpus of 2.6m words extracted from *BLaRC*.

These methods have been grouped and evaluated separately basically due to the precision levels recorded by their authors who, generally speaking, demonstrate that single-word term (SWT) recognition methods are more efficient than those which can extract solely multi-word terms (MWT) or both type of terminological units. Therefore the most effective techniques in term identification will be selected for their later implementation on BLaRC

# 3.1. SINGLE-WORD TERM RECOGNITION METHODS

#### 3.1.1. Introduction

According to scholars, terminology is used to share domain-specific information amongst the members of a specialised community (Rea, 2008). As Kit and Liu put it, "terms are linguistic representations of domain-specific key concepts in a subject field that crystallise our expert knowledge in that subject" (Kit & Liu, 2008: 204), in other words, a term is "a textual realisation of a specialised concept" (Spasic et *al.*, 2005: 240). To Chung (2003a: 221-2), terms display distinctive features both qualitatively (e.g. their morphological structure; their meaning) and quantitatively (e.g. their frequency of occurrence). Hence, identifying and extracting the terms in a specialised corpus becomes an essential task when using it as a source of information for further linguistic analysis. However, handling and processing large amounts of data is a time-consuming task and the application of effective ATR methods is essential for the terminologist to draw reliable conclusions on the information retrieved by such methods.

This section is devoted to the evaluation of five SWT recognition methods tested on a 2.6 million-word pilot corpus, *UKSCC*, to facilitate the implementation of the methods and their validation process, whose structure and features will be defined below.

# 3.1.2. The relevance of SWTs in term identification

ATR methods typically concentrate on MWTs exploring the concepts of *termhood* and *unithood* from different perspectives. Nagakawa and Mori (2002: 1) define *termhood* as "the degree that a linguistic unit is related to a domain-specific concept". According to Kit and Liu (2008: 205), *unithood* establishes "how likely a candidate is to be an atomic

linguistic unit". Nevertheless, these authors consider that *unithood* only serves as a way of discarding those units not displaying a high level of cohesion amongst their possible constituents but does not provide any information about their degree of specificity.

In the past, the literature on ATR methods and software tools has been profusely reviewed (Estopa, 1999; Maynard & Ananiadou 2000; Cabré et *al.* 2001; Drouin 2003; Lemay et *al.* 2005; Pazienza et *al.* 2005; Chung 2003a, 2003b; Kit & Liu 2008 or Vivaldi et *al.* 2012, to name but a few) often classifying them according to the type of information used to extract candidate terms (CT) automatically. Some of the reviewed methods resort to statistical information, amongst them: Church and Hanks (1990), Ahmad et *al.* (1994), Nakagawa and Mori (2002), Chung (2003a), Fahmi et *al.* (2007), Scott (2008) or Kit and Liu (2008). Other authors like Ananiadou (1988), David and Plante (1990), Bourigault (1992) or Dagan and Church (1994) focus on linguistic aspects. The so-called *hybrid methods* rely on both. The work of Justeson and Katz (1995), Daille (1996), Frantzi and Ananiadou (1996; 1999), Jaquemin (2001), Drouin (2003), Barrón Cedeño et *al.* (2009) or Loginova et *al.* (2012) illustrate this trend. As stated by Vivaldi et *al.* (2012), only a few of these methods resort to semantic knowledge, namely, TRUCKS (Maynard & Ananiadou 2000), YATE (Vivaldi, 2001) and MetaMap (Arson and Lang, 2010).

However, the literature on the evaluation of these methods is not so abundant. There are initiatives for the evaluation of ATR methods like the one organised by the Quaero program (Mondary et *al.*, 2012) which aims at studying the influence of corpus size and type on the results obtained by these methods as well as the way different versions of the same ATR methods have evolved. Some authors also show their concern about the lack of a standard for ATR evaluation which is often carried out manually or employing a list of terms, a gold standard, which is not systematically described

(Bernier-Colborne, 2012: 1). Some researchers like Sauron, Vivaldi and Rodríguez, or Nazarenko and Zargayouna (in Bernier-Colborne, 2012) have worked on this area although there is still much to be done in this respect.

In spite of the large number of ATR methods existing to date, very few concentrate solely on SWTs, which are neglected to a certain extent assuming that they are easily identifiable specially due to the fact that such parameters as unithood do not need to be considered. Nevertheless, as remarked by Lemay et *al.* (2005), ignoring SWTs implies taking for granted that most specialised terms are multi-word units. Nakagawa and Mori emphasise this idea by giving concrete data on the percentage of MWTs in specific domains: "The majority of domain specific terms are compound nouns, in other words, uninterrupted collocations. 85% of domain specific terms are said to be compound nouns" (Nagakawa & Mori, 2002: 1), yet they do not provide any kind of evidence to support this piece of data.

Owing to that fact, we decided to calculate the actual amount of SWTs in our legal glossary (used as gold standard for comparison), which was compiled after merging and filtering four different electronic legal glossaries<sup>8</sup>, finding that STWs represented a much larger amount of terms than Nagakawa and Mori affirm. As a matter of fact, having examined it thoroughly, 65.22% of 10,088 terms in the list were found to be SWTs. Thus, the evaluation of the methods presented below will include the four main lexical categories of the language, namely, nouns, verbs, adjectives and adverbs.

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<sup>&</sup>lt;sup>8</sup> Both British and American English legal terms have been included in the glossary although British English predominates. The inclusion of American English obeys to the observation of the texts before starting any evaluation procedure. Some of the texts, due to the nature of the claim, appeal, etc., included American terminology. As a matter of fact, although there are obvious differences, both BrE and AmE have many legal terms in common as shown in specialised dictionaries and glossaries.

# 3.1.3. The United Kingdom Supreme Court Corpus (UKSCC): the pilot corpus

*UKSCC* is a 2.6 million-word specialised corpus subset of a larger one: *BLaRC*. It was extracted from it in order to validate the methods described below owing to the size of *BLaRC*, which would have made such processes as the lemmatisation or the manual supervision of the validated lists an unattainable task.

In the light of the data provided in section 2.6, the size of *UKSCC* appears to suffice for the validation of the ATR methods selected given the sharp decrease in the percentage of types and terms once the corpus reaches 2.6 million words. Figure 1 reveals that the number of types and terms augments in inverse proportion to the size of the corpus following a very similar fashion, as already demonstrated. While type increase falls 6 points from 28% to 22% once the corpus reaches 1 million words, the difference is slightly bigger with respect to terms falling from 17.90% to 10% within the same range. As the number of tokens in the corpus grows, the gap becomes greater. Once the corpus expands to 2.6 million tokens, type increase falls 3.4 points, remaining at 7.59%, while term increase stands at 2.8%, 1.5 points less. Even so, given the reduced number of new types and terms appearing from that point on, it appears that *UKSCC* may be large enough to act as a pilot corpus to test ATR methods on.

The Supreme Court was selected as the text source for the pilot corpus because of its relevance within the British judicial system (all the decisions made at the Supreme Court set precedent and are cited whenever applicable), and the wide lexical variety of the documents coming from it. It is at the top of the UK judicial pyramid and deals with cases belonging to all branches of law.

As for its structure, *UKSCC* is a synchronic, monolingual and specialised collection of 193 law reports from the UK Supreme Court and the House of Lords

issued between 2008 and 2010. The documents included in *UKSCC* are authentic judgments as reported by British courts in raw text format.

# 3.1.4. Description of the methods selected for evaluation

# 3.1.4.1. Keywords (Scott, 2008)

The *Keywords* tool included in the software package *Wordsmith 5* by Scott (2008) could not be considered as an ATR method *per se*, however, as testing will show below, it can be used as such and it does perform more accurately than others designed specifically to that end. It was chosen due to its popularity and capacity to easily process large amounts of text data providing information on a word's "importance as a content descriptor", in Biber's words (in Gabrielatos, 2011: 5), that is to say, on its keyness. According to Scott (2008b: 184), a word is considered key "if it is unusually frequent (or unusually infrequent) in comparison with what one would expect on the basis of the larger word-lists".

Scott's tool was configured to apply Dunning's (1993) log-likelihood calculation (it can also employ the chi-square test to produce a keyword list) since it is a recommended option for long texts such as the ones included in *UKSCC*. For the system to calculate a word's keyness it is necessary to resort to a reference corpus in order to compare it with the specialised one whose keywords we wish to extract. The reference corpus we employed for corpus comparison to implement *Keywords* and Chung's method is *LACELL*, a 21 million-word general English corpus compiled by the *LACELL* research team at the University of Murcia comprising mainly texts from the 1990s. It is a balanced synchronic corpus of general English including both written texts from diverse sources such as newspapers, books (academic, fiction, etc.), magazines, brochures, letters and so forth, and also oral language samples from conversation at

different social levels and registers, debates and group discussions, TV and radio recordings, phone conversations, everyday life situations, classroom talk, etc. Its geographical scope ranges from USA, to Canada, UK and Ireland, however, those texts not coming from the United Kingdom were removed to avoid skewedness in the results reducing the original size to 14.9 million words.

The *BNC* lemmatised lists provided online by Kilgariff<sup>9</sup> were employed as background for reference to implement Kit and Liu's method owing to the fact that both the SC (study corpus) and RC (reference corpus) had to be lemmatised<sup>10</sup>. Therefore, *UKSCC* was also lemmatised using Schmid's (1995) *Tree Tagger*<sup>11</sup> to apply the calculations on lemmata, not on word types<sup>12</sup>.

# 3.1.4.2. TermoStat (Drouin, 2003)

Drouin designs *TermoStat*, a free online software<sup>13</sup> for automatic term extraction in French, English, Spanish, Italian and Portuguese which can process raw text files up to 30 Mb. He employs a hybrid technique to detect both single and multi-word CTs and rank them according to their level of specialisation. Its main aim is to reduce the amount of noise produced by other automatic methods by cutting down on the number of items included in the lists generated by the system. With this purpose, the author establishes a test-value threshold of +3.09 "which means that probability of finding the observed frequency is less than 1/1000" (Drouin, 2003: 101) acting as a cut-off point between terms and non-terms.

<sup>&</sup>lt;sup>9</sup> At: <a href="http://www.kilgarriff.co.uk/BNClists/lemma.num">http://www.kilgarriff.co.uk/BNClists/lemma.num</a>

<sup>&</sup>lt;sup>10</sup> The process of lemmatisation consists in retrieving a word's lemma, that is, the root word which other possible realisations of it derive from (e.g. *make* would be the lemma for *made*, *makes*, *making*, etc.). Lemma frequency must be computed by adding up the raw frequency values of all its possible variants.

<sup>&</sup>lt;sup>11</sup> Available at: <a href="http://www.ims.uni-stuttgart.de/projekte/corplex/TreeTagger">http://www.ims.uni-stuttgart.de/projekte/corplex/TreeTagger</a>

<sup>&</sup>lt;sup>12</sup> The term *word type* refers to every different word form in the corpus but not to each of its occurrences known as *tokens*.

<sup>&</sup>lt;sup>13</sup> Available at: <a href="http://olst.ling.umontreal.ca/~drouinp/termostat\_web/index.php">http://olst.ling.umontreal.ca/~drouinp/termostat\_web/index.php</a>

TermoStat also employs Schmid's Tree Tagger as lemmatiser and POS (part of speech) tagger thus producing a list where not only is the term's specificity value recorded but also its frequency as lemma, its variants, and its POS tag, as shown in figure 2. The lexical categories identified by TermoStat are: nouns, adjectives, adverbs and verbs. It also detects MWTs having nouns and adjectives as phrase heads.

| List of terms Cloud Stat Structuration Bigrams | R         | lesults                |                         |             |
|--|-----------|------------------------|-------------------------|-------------|
| Candidate (grouping variant)                   | Frequency | Score<br>(Specificity) | Variants                | Pattern     |
| section  | 9694      | 126.29                 | section<br>sections     | Common_Noun |
| v  | 6828      | 112.55                 | V                       | Common_Noun |
| case   | 11465     | 111.79                 | case<br>cases           | Common_Noun |
| para   | 5973      | 108.63                 | para<br>paras           | Common_Noun |
| article  | 5686      | 97.39                  | article<br>articles     | Common_Noun |
| court  | 6387      | 88.65                  | court                   | Common_Noun |
| appeal   | 3993      | 80.3                   | appeal<br>appeals       | Common_Noun |
| appellant                                      | 3102      | 78.47                  | appellant<br>appellants | Common_Noun |
| not  | 22062     | 75.07                  | not                     | Adverb      |
| law  | 5484      | 73.55                  | law<br>laws             | Common_Noun |
| judgment                                       | 2862      | 71.67                  | judgment<br>judgments   | Common_Noun |
| claim  | 3293      | 69.8                   | claim<br>claims         | Common_Noun |
| right  | 5795      | 67.98                  | right<br>rights         | Common_Noun |
| apply  | 3542      | 65.5                   | apply<br>applying       | Verb        |

**Figure 2.** Screenshot of output produced by TermoStat

Based on previous work on lexicon specificity such as Muller's, Lafon's, or Lebart and Salem's (in Drouin, 2003), Drouin claims that the frequency of technical terms in a specialised context differs, in one way or other, from the same value in a general environment and that "focusing on the context surrounding the lexical items that adopt a highly specific behaviour ... can help us identify terms" (Drouin, 2003: 100). The author uses a corpus comparison approach which provides information on a candidate term's standard normal distribution giving "access to two criteria to quantify the specifity of the items in the set ... because the probability values declined rapidly,

we decided to use the test-value since it provides much more granularity in the results" (Drouin, 2003: 101).

He applies human and automatic validation methods to evaluate the levels of precision and recall of his software. The author resorts to three specialists who identify the true terms (TT) from the list generated by *TermoStat* noticing that subjectivity played a relevant role in this evaluation phase and that it might also be interesting to study human influence on validation processes. Regarding automatic validation, he compares the lists of CTs with a telecommunications terminology database. *TermoStat* reaches 86% precision in the extraction of SWTs. The author insists on the importance of complementing these methods with others that help identify the meanings of those words which activate a specialised sense in a specific context.

# 3.1.4.3. Chung (2003)

On the other hand, Chung's approach to term extraction consists in establishing a threshold to discriminate terms from non-terms affirming that "to be classified as a technical term, a type had to occur at least 50 times more often in the technical text than in the comparison corpus, or only occur in the comparison corpus" (Chung, 2003b: 53).

Chung reaches this conclusion after validating her method by comparison with a qualitative one, the *rating scale approach*, with the purpose of assessing the degree of overlap between it and the quantitative technique employed by her. Thus, two experts are asked to classify the vocabulary in a 5,500 word text from her anatomy corpus, the sublanguage she analyses in the design and evaluation of her method. They classify the words into four different categories depending on their level of specialization.

In contrast, the quantitative method employed by Chung consists in calculating the ratio of occurrence of the word types in the anatomy text given to the experts. The author normalises the frequencies of the text types in both her anatomy corpus and a general one and calculates the ratio value by dividing the former by the latter. Then, basing her classification on these results and on the frequency figures obtained, she also produces different groups and compares them to the ones by the specialists. The results of the comparison yield 86% average overlap between the author and the experts, especially regarding highly specific words and non-terms.

The author therefore concludes that this ATR method based on statistical data might be reasonably effective, although the last decision to include a word in a given category must be made by the researcher after either consulting the experts or the contexts of occurrence of a given word, since she believes that the most effective approach is the qualitative one. However, it is time-consuming and cannot be applied to large corpora for efficiency reasons.

#### 3.1.4.4. Kit and Liu (2008)

Kit and Liu's (2008) method measures the degree of termhood of SWTs relying on a corpus comparison technique. It aims at studying the different ways words distribute in a specific subject field, namely, in a specialised 8.8 million-word legal corpus called *BLIS* (*Bilingual Laws Information System*) against a general domain using *BNC* as representative of it. Kit and Liu's ATR method focuses exclusively on SWTs, also called *mono-word terms*, basically to avoid "interference from unithood issues" (Kit & Liu, 2008: 206), that is, to prevent such questions as establishing the degree of cohesion between the elements in a grammatical pattern from becoming an obstacle for the calculation of a word's level of specialisation. These authors acknowledge the greater complexity of classifying a mono-word as a term owing to the fact that the structural

information employed to detect the presence of MWTs in a text cannot be applied to SWT automatic mining.

Kit and Liu's method consists in obtaining the rank difference of the vocabulary items in a specialised corpus and a general one "given a domain corpus D (with a vocabulary  $V_D$ ) to represent a subject field and a balanced corpus B (with a vocabulary  $V_B$ ) as background, the termhood of a candidate word w is defined as:

$$\tau_0(w) = \frac{r_{D(w)}}{|V_D|} - \frac{r_{B(w)}}{|V_B|}$$
 (Kit & Liu, 2008: 212).

The application of this formula for the calculation of  $\tau$ -value therefore consists in introducing the rank position  $(r_D)$  of a given term in the SC, the specialised one, and normalise it by dividing it by the total number of items in the list, that is to say, in a vocabulary list of 4,500 items, the divisor would be 4,500. After that, the same calculation will be carried out using the normalised datum for the same vocabulary item  $(r_B)$  in the RC, the general one. Finally, the normalised value in the RC will be subtracted from the one in the SC obtaining the  $\tau$ -value of the candidate SWT. This result will indicate its level of specialisation thus, the higher it scores, the more specialised it will be considered. Nevertheless, Kit and Liu do not establish a threshold that splits a list into terms and non-terms but rather place words along a termhood continuum "in a way that candidates with a higher termhood value would be pushed to its high end and those with a lower termhood to its low end" (Kit & Liu, 2008: 212).

The method is evaluated using a specialised glossary of legal terms used as gold standard together with a list of TTs extracted from the specialised corpus which were annotated manually by legislators during the drafting of the legal documents in the corpus. The corpus is tokenised (divided into basic text units) removing all the elements that may cause noise. The text units filtered out of the definite list belong to different categories, namely, punctuation marks, numbering items and numerical expressions and

function words. The tokenisation of the corpus results into a list of 8,808,544 tokens which is filtered obtaining a definite one of 13,806 word types.

After comparing their results with those obtained applying Chung's (2003a; 2003b) frequency ratio, they realise that, although the results are similar, it becomes necessary to improve the rank difference calculation to enhance its performance. They propose two alternatives, the second one being slightly more effective. It consists in normalising both the SC and RC ranks using the sum of all the ranks in the respective corpora as the divisor as follows:

$$T_{C2}(w) = \frac{r_{D(w)}}{\sum_{w' \in V_D} r_{D(w')}} - \frac{r_{B(w)}}{\sum_{w' \in V_D} r_{B(w')}}$$

This improved version of the rank difference performs better reaching a precision level of 98.2% on the first 500 CTs (of 12000 evaluated) and 97% on the first 1000, remaining above 90% on the top 20%.

# 3.1.4.5. Term Frequency-Inverse Document Frequency (TF-IDF) (Sparck Jones, 1972)

As opposed to the other four, the *TF-IDF* measure, used in the fields of information retrieval and text mining, does not employ corpus comparison as a means to determine a word's weight. Neither does *RIDF*, its modified version proposed by Church and Gale (1995). *TF-IDF* measures a word's weight by taking into consideration its frequency in a given document and the number of documents it appears in throughout a corpus. A word will display greater weight if it shows high frequency values and appears in fewer documents. As a result, general usage words are ranked lower while more specialised ones tend to appear at higher positions. This measure, or rather more complex versions

of it, is very frequently employed by search engines to rank documents after a user query.

*IDF* was originally proposed by Sparck Jones (1972) meaning "a giant leap in the field of information retrieval. Coupled with TF ... it found its way into almost every term weighing scheme" (Robertson, 2004:503). Sparck Jones believed that the fact that a word appeared in many documents was not a good indicator of its representativeness within that set of documents. Contrarily, it appeared that those words which occurred in fewer texts might potentially have greater relevance and be more representative of the documents under analysis.

TF-IDF, that is, the result of multiplying IDF by a word's frequency in a given document (TF), has evolved throughout time into more sophisticated and complicated measures, as discussed by Robertson (2004). In this study, the classical formula by Sparck Jones will be applied. It is "defined as  $-\log_2 df_w/D$ , where D is the number of documents in the collection and  $df_w$  is the document frequency, the number of documents that contain [the word] w" (Church & Gale, 1995: 121).

In this study, for the sake of comparison with the lists produced by the other four methods, *TF-IDF* was slightly modified. Instead of resorting to the frequency of a word within a single document in the corpus, which would leave many of the CTs in the other lists out of the rank produced by it (they might not be found in the document selected), after calculating a word's *IDF* value using Sparck Jones' classical formula, it will be multiplied by the normed frequency value<sup>14</sup> of that word in the whole corpus (our adaptation of TF).

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<sup>&</sup>lt;sup>14</sup> This value is obtained by dividing a word's raw frequency by the total number of tokens in the corpus and then multiplying it by a scaling factor to obtain more manageable figures due to corpus size (for instance, in a 2.6 million-word corpus, the scaling factor employed is 1,000).

#### 3.1.4.6. Residual Inverse Document Frequency (Church & Gale, 1995)

Finally, Church and Gale (1995) describe *RIDF* using two words to exemplify and justify their method. One of these words is *boycott* (as opposed to *somewhat*), which displays a high *IDF* value "farther from what would be expected by chance (Poisson)<sup>15</sup>" (Church & Gale, 1995: 121). These authors also exemplify how prediction estimates might differ considerably from observed measures such as *IDF*, especially as regards keywords.

They study the behaviour of *boycott* and *somewhat* and come to the conclusion that, while *boycott* (a much better keyword to identify a group of texts on a given topic within a document collection) tends to concentrate in very few documents deviating from Poisson, the observed values for *somewhat* coincide with what would be expected by it.

This is why they propose a new measure based on Sparck Jones' *IDF*, namely, *Residual Inverse Document Frequency* (*RIDF*) to account for such deviations from a chance-based model. It can be calculated by subtracting the predicted *IDF* from the observed measure thus trying to compensate from the deviations observed, especially in the case of good keywords like *boycott. RIDF* is defined as:  $RIDF = -\log(df/D) + \log 1 - \exp(-tf/D)$  (Yamamoto & Church, 1998: 28), where *df* is document frequency (the number of documents a given word appears in), *D* is the total number of documents in the collection and *tf* the frequency of the term in the whole corpus.

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<sup>&</sup>lt;sup>15</sup> In the field of term recognition, Poisson's probabilistic model may apply to words which appear independently in a large document collection with a low chance of occurrence.

#### 3.1.5. Method implementation and evaluation

# 3.1.5.1. Pre-processing and implementation

The major difficulties encountered in the evaluation of these five methods were, on the one hand, establishing a similar process to assess their precision levels and on the other hand, the intrinsic differences existing amongst them. To begin with, Drouin's *TermoStat* (2003) and *Keywords* (2008) are fully automatic and do not require preprocessing, that is, filtering the lists *a priori* to eliminate as much noise as possible. However, Chung's, *TF-IDF*, and specially Kit and Liu's methods need it before producing their lists of CTs.

As part of the pre-processing phase, Chung resorts to Heatley and Nation's (1996) software *Range* to obtain a frequency word type list based on both her anatomy corpus, the SC, and the LOB and Wellington corpora used as RCs. Then, she discards those word types which do not occur in the SC and also eliminates the texts that may contain any vocabulary related to the anatomy field from the RCs in order "to maximise the statistical contrast between the two corpora" (Chung, 2003a: 233).

Kit and Liu's pre-processing procedure consists in tokenising both BLIS and their background corpus, the *BNC*, and filter noise using stop word lists and eliminating alphanumerical elements. After that, they lemmatise the corpus so as to apply their calculations on lemmata, as shown above.

Concerning *UKSCC*, the 193 texts in it were pre-processed with *Wordsmith 5* by Scott (2008) resulting into a list of 27060 word types. Unlike Chung's pre-processing procedure, the legal texts in *LACELL* were not eliminated. Neither was a frequency threshold established prior to the application of Chung's, *TF-IDF*, or Kit and Liu's methods so even hapax legomena and dis legomena were considered with the purpose of maximising the exhaustiveness of the results obtained. *UKSCC* contains 7339 hapax

legomena, that is, vocabulary items occurring only once, which represent 27.12% of the total amount of word types. They include proper names, both English and foreign, such as *Mulliken, Kolinsky, Jewison* or *Kilmuir;* misspelled words like *spirituall, burmouth, juridicial, tatutory, ntitlement* and also initials and acronyms, i.e. *SIAL, ECHR, BAILII or LJ*.

After obtaining the frequency data of the word types in *UKSCC* with *Wordsmith*, the corpus was filtered using the function word list and baseword list 15 included in Heatley and Nation's (1996) Range. They were imported into an excel spreadsheet employing the search function to eliminate the function words and proper names present in UKSCC. The percentage of function words detected amongst UKSCC word types was low, just 0.99% of the total. As for baseword list 15, it is an ever growing inventory of proper nouns provided with Range which led to the removal of 2519 of these elements shrinking the list by 9.4%. Judging by the numbers, the use of proper nouns appears to be a relatively outstanding feature of this legal genre representing almost 10% of the whole corpus (leaving aside those which do not form part of Nation's list and cannot be detected automatically). Undoubtedly, removing them automatically could increase the level of precision achieved regardless of the method employed. However, these proper nouns had to be carefully supervised before removing them since some of them corresponded with initials or acronyms belonging to the specialised vocabulary of the genre like LJ (Lord Judge), QB (Queen's Bench), or EC (European Court), amongst others.

The filtered list was also used for the calculation of *TF-IDF* and *RIDF* which do not resort to corpus comparison. The frequency lists of word types provided by *Wordsmith 5.0* not only give information about a word's frequency in the corpus (which has been used as TF for this experiment) but also about its distribution throughout it,

that is to say, how many documents within the collection include a given word.

Therefore, these were the parameters employed in these cases.

Another pre-processing step taken solely for the implementation of Kit and Liu's method was the lemmatisation of *UKSCC*. It was lemmatised with Schmid's *Tree Tagger*. It resulted into a list of 4,563 lemmata once the function words, proper names and words not found in *BNC* (following their advice in this respect) were carefully filtered. Kilgariff's lemmatised *BNC* list was used as the RC, as stated above.

On the other hand, due to the fact that neither *TermoStat* nor *Keywords* require any preprocessing steps, both lists were filtered *a posteriori*. As proof of its efficiency, Drouin's *Termostat* only kept 22 function words (0.94%) and 8 proper names (0.34%) as CTs (out of 2,333), while the keywords list of 3618 items retained 61 function words (1,68%) and 222 proper nouns (6.13%).

Regarding the actual implementation of the five methods, it must be highlighted that both *TermoStat* and *Keywords* are fully automatic tools which can perform all tasks without any human intervention. As for Chung's, *TF-IDF* and Kit and Liu's techniques, excel spreadsheets were used to apply the formulas the authors include in the description of their methods. Once the word type list obtained with *Wordsmith* was imported into a spreadsheet and filtered eliminating function words and proper names, the formulas corresponding to each method were applied to the whole list of word types (the necessary parameters for each calculation were obtained using the *search* function provided by excel). Then, each list was sorted in descending order so that those items displaying the highest values would be ranked at the top of the list. For those methods requiring corpus comparison, *LACELL* was also processed with *Wordsmith* and imported on a different spreadsheet as well as Kilgariff's *BNC* lemmatised lists.

The parameters necessary to apply those methods which are not fully automatic go as follows:

- Chung: Relative frequency in the SC and RC.
- Kit and Liu: rank position in the SC and RC (in descending order) obtained after sorting the candidates according to their normalised frequency in both corpora.
- *TF-IDF*: Normed frequency of candidates in the SC and number of documents they appear in in the whole document collection.

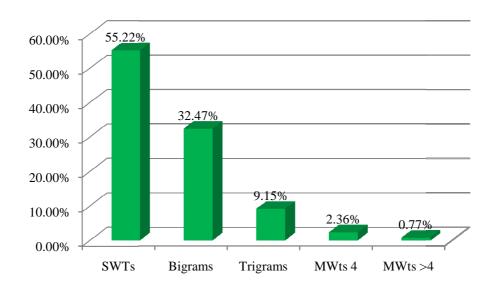
With respect to the parts of speech extracted by each method, the methods designed by Chung or Kit and Liu do not discriminate amongst lexical categories for the identification of terms since they do not resort to POS tagging, neither do *Keywords* or *TF-IDF*. Hence, any part of speech (except of function words which were filtered out) could potentially be regarded as a term depending on the different parameters considered to establish its termhood level. Conversely, Drouin's software applies POS tagging and can be configured to only extract a given part of speech. Nevertheless, it was adjusted to include nouns, adjectives, verbs and adverbs in the process. The validation process shown below is carried out taking into consideration all lexical categories.

## 3.1.5.2. Defining a gold standard

The results obtained after applying the five ATR methods on *UKSCC* were validated automatically against a legal glossary used as gold standard. Instead of asking specialists to gather a terminology database extracted from the study corpus, four

different legal English glossaries<sup>16</sup> in raw text format were merged and filtered resulting into a list of 10,088 items containing both single and multi-word terms.

Surprisingly and contrary to Nagakawa and Mori's (2002) assumption that 85% of specialised terms are said to be compound, as already justified above, it appears that only 4,157 of 10,088 legal terms (44.78%) are MWTs being distributed as illustrated in figure 3: 3,276 bi-grams (32.47%), 924 tri-grams (9.15%), 239 MWTs formed by four units (2.36%) and 78 (0.77%) with more than four constituents.



**Figure 3.** *Lexical structure of terms in glossary* 

Once the TTs in each list were identified by comparison with the gold standard, those CTs not qualifying as TTs after applying the methods were analysed manually by the researcher referring to two specialised dictionaries (Alcaraz & Hughes, 1993; Saint Dahl, 1999). This step was taken to contribute to the reduction of silence levels caused

http://www.legislation.gov.hk/eng/glossary/homeglos.htm

http://www.judiciary.gov.uk/glossary

http://sixthformlaw.info/03\_dictionary/index.htm

http://www.nolo.com/dictionary

<sup>&</sup>lt;sup>16</sup> Available online at:

by external factors, that is, to guarantee that the glossary, obtained from external sources, would include all the TTs in the corpus. This manual supervision resulted into 10.52% increase of both single and multi-word terms comprised in the glossary list.

#### 3.1.5.3. Results

Defining a similar method of comparison amongst the four approaches under evaluation posed certain difficulties due to the different size of the CT lists produced by each method. While Chung (2003a, 2003b) and Drouin (2003) establish a threshold to discard non-terms, Kit and Liu (2008), *Keywords* (2008), *TF-IDF* and *RIDF* provide a much longer inventory of elements which are ranked according to their level of specialisation. As a result, since Drouin's list included 2,300 items against 4,654 obtained after applying Chung's ratio, 6,675 keywords, and the 27,060 initial word types appearing in *TF-IDF*, *RIDF* and Kit and Liu's lists, only the top 2,000 CTs in each list were selected so that the comparison could be carried out in similar conditions.

These five methods were assessed in terms of precision and recall. Precision can be measured by establishing the proportion of items that are relevant within a given set. This is why it was calculated progressively, as shown in figure 5, where the five curves plot the precision achieved from candidates 1 to 200, 201 to 400, etc. sorted according to the level of specialisation established by each method.

Concerning recall, which points at the amount of TTs identified with respect to the whole list of terms in the corpus (not in a set), it could be calculated for all methods except for Kit and Liu, *TF-IDF* and *RIDF* since neither of them establish a cut-off point to discriminate terms from non-terms. Figure 4 illustrates both average precision and recall.

Nevertheless, Chung's list posed an additional problem which Kit and Liu address when alluding to the items not in the reference corpus. If an item is not in the RC, Chung automatically classifies it as a term and so do Ahmad et *al*. (in Chung, 2003). After examining those elements in BLIS, their study corpus, Kit and Liu (2008: 220) verify that only 20% were TTs and suggest that keeping them "unclassed seems more reasonable when no justifiable solution is available".

Likewise, the number of *UKSCC* items not in *LACELL* was also considerably high, 4,367 single-word CTs were not in the RC and only 280 of them (6.4%) were TTs after comparing them with the gold standard. Thus, it appears that assuming that a word not found in the RC automatically qualifies as a term would not be applicable to our SC, and following Kit and Liu's advice in this respect might be recommendable. As regards the lists produced by the other methods, they do not include these elements either.

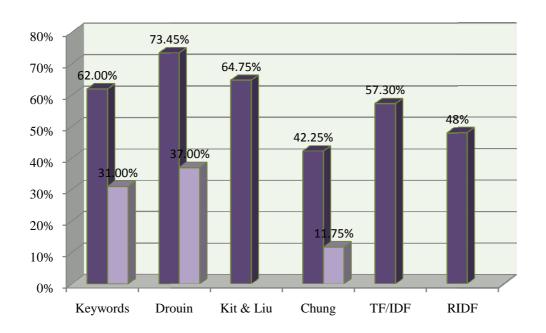


Figure. 4 Average precision and recall on first 2000 CTs

As shown in figure 4, the overall precision levels attained by the five methods vary revealing Drouin as the most successful one in identifying terms for this set of 2,000 candidates. It reaches 73.45% being followed by Kit and Liu's which recognises 64.75% of them, *TF-IDF* manages to extract 57.30%, thus ranking fourth. Its modified version, *RIDF*, is 9 points below at 48% while Chung's only identifies 42.25%. As far as *Keywords* is concerned, it ranks third (slightly below Kit and Liu's method) proving to be a considerably effective term extraction tool which detects 62% terms (it reaches 84% precision for the first 200 candidates).

As stated above, calculating recall was not possible for Kit and Liu's method or *TF-IDF* and *RIDF* owing to the fact that the number of CTs coincided with the initial list of word types used to implement the four techniques. Kit and Liu believe that there is no such as thing as a cut-off point and establish a termhood continuum where TTs will be pushed to its high end. The *TF-IDF* and *RIDF* measures do not provide such a cut-off point either.

In general terms, recall figures are not high being Drouin's method the one which excels the other two. It reaches 37% recall followed by *Keywords* at 10 points below. Chung's method is the worst performing one achieving only 11.75%.

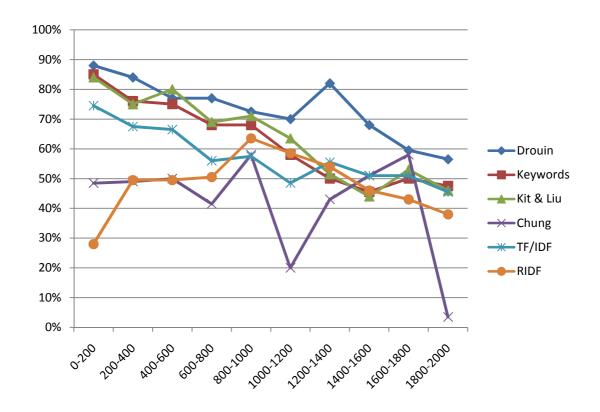


Figure 5. Cumulative precision for the first 2,000 CTs

Figure 5 illustrates cumulative precision across methods where the horizontal axis shows the first 2,000 CTs identified in groups of 200 and the vertical one indicates the percentage of precision attained by every method within each group. Drouin's *TermoStat* stands out as the most effective ATR method as it detects 73% terms within the list of 2,000 candidates evaluated. It is closely followed by Kit and Liu's which rises above it only from candidates 400 to 600, where it identifies 80% TTs. The precision levels attained by *Keywords* are reasonably high managing to detect 62% terms (at only 2 points below Kit and Liu). In spite of not resorting to corpus comparison, *TF-IDF* remains considerably close to *Keywords* and Kit and Liu achieving to detect 57% terms for the top 2,000 candidates. Its modified version, *RIDF*, appears to be less efficient as it only extracts 48% TTs from the corpus being the least effective of all. Chung's

method reaches 50% precision on average within this range although it stands below *RIDF* from candidates 400 to 1,400.

TermoStat, Keywords, Kit and Liu and TF-IDF follow a similar trend decreasing their effectiveness smoothly from candidates 1 to 900. Within this range, Drouin achieves 82% precision, Kit and Liu 77%, Keywords 76%, and TF-IDF 66% (finding their highest points at 88%, 84%, 84.5%, and 74.5% respectively). On the other hand, Chung remains steady below 50%. Conversely, although it shows really poor results from candidates 0 to 200 (where noise levels reach 76%), RIDF increases its effectiveness reaching its peak at 64% within this group.

From candidates 900 to 1,700 there are greater differences. While *TermoStat* remains ahead reaching a peak of 82% within candidates 1100 to 1300 and then falling down to 60%, Kit and Liu, *Keywords*, *TF-IDF* and *RIDF* continue to descend progressively (more sharply in the case of Kit and Liu) to 53%, 50%, 54% and 46%. On the contrary, Chung improves considerably rising to 58%.

Finally, both Kit and Liu and *TermoStat* fall down to 46% and 56.5% while *Keywords* and *TF-IDF* remain constant at 47.5% and 46% from candidates 1700 to the end of the graph. *RIDF* falls considerably to 38%. The case of Chung's method is particularly outstanding as it falls sharply from 58% precision to 3%. It must be emphasised that the 2,000 candidates considered for evaluation do not correspond with what Chung would regard as terms proper. The cut- off pointed suggested by the author would only apply to the first 287. All the same, the average level of precision within this set does not even reach 50%.

On the whole, having compared and assessed the five methods above, there are several generalisations that could be made with respect to their effectiveness in

extracting terms in a legal English corpus. To begin with, it appears that resorting to corpus comparison yields better results. As a matter of fact, *TermoStat* and *Kit Liu's* methods, the best performing ones, employ this technique to establish a word's termhood level. As regards precision within the list of 2,000 candidates evaluated, both of them stand at 16.15 and 7.5 points above *TF-IDF* and at 25.45 and 16.75 above *RIDF* respectively, which focus exclusively on the specialised corpus to extract CTs.

Another factor that may have influenced their greater rate of success is the fact that, unlike the rest of the methods, both require lemmatisation to be implemented thus indicating that applying calculations on lemmata, not on word types, might be more effective to recognise terms automatically.

Concerning the gold standard employed for evaluation, the fact that it was compiled using external sources does not seem to have affected the results significantly. While Drouin employs a database external to the corpus to assess their method, Kit and Liu resort to a glossary obtained from the texts themselves. However, both methods perform quite efficiently for this study being *TermoStat* the most effective one. Even so, there is not enough evidence to relate Kit and Liu's slightly lower rate of success with the fact that the gold standard was not obtained from the legal corpus itself.

To conclude, it must be highlighted that the low precision levels achieved by Chung's method might point at its domain dependence. As put forward by Lemay et *al*. (2005: 233), "lexical units in medical texts bear certain surface-level features (i.e. morphemes or entire words borrowed from Latin and Greek) that, we believe, make them less difficult to identify automatically". Unlike Chung, who resorts to human validation, the use of a gold standard to automatically validate the results in this experiment could have also contributed to the lack of precision of this method.

Table 2 illustrates the first 25 CTs detected by each method ranked in descending order from higher to lower termhood levels according to the different measures proposed by each author.

Table 2

First 25 CTs ranked by every ATR method

| DROUIN              |        | KEYWORDS              |          | KIT & LIU  |        | CHUNG                 |         | TF-IDF         |       |
|---------------------|--------|-----------------------|----------|------------|--------|-----------------------|---------|----------------|-------|
| SECTION             | 126.29 | COURT                 | 27965.27 | COURT      | 0.3114 | CRAIGHEAD             | 2198.45 | LAND           | 0.998 |
| V (VERSUS)          | 112.55 | SECTION               | 24182.76 | JUDGE      | 0.3110 | APPELLANTS            | 2012.58 | ARTICLE        | 0.965 |
| CASE                | 111.79 | PARA                  | 22007.62 | CASE       | 0.3105 | CIV                   | 1846.69 | CONTRACT       | 0.926 |
| PARA<br>(PARAGRAPH) | 108.63 | LORD                  | 21963.51 | SENTENCE   | 0.3100 | APPELLANT'S           | 1577.55 | JEWISH         | 0.898 |
| ARTICLE             | 97.39  | V                     | 19464.25 | CONTRACT   | 0.3095 | PARAS<br>(PARAGRAPHS) | 1444.69 | EXTRADITION    | 0.866 |
| COURT               | 88.65  | APPEAL                | 18886.16 | APPEAL     | 0.3091 | COBBE                 | 1079.23 | POSSESSION     | 0.861 |
| APPEAL              | 80.3   | ARTICLE               | 18044.94 | TERM       | 0.3086 | ESTOPPEL              | 975.31  | CHILD          | 0.845 |
| APPELLANT           | 78.47  | ACT                   | 17322.12 | JUDGMENT   | 0.3081 | LESSEE                | 639.54  | TENANT         | 0.804 |
| LAW                 | 73.55  | CASE                  | 16541.39 | MAKE       | 0.3076 | PPC                   | 607.57  | COMPANY        | 0.783 |
| JUDGMENT            | 71.67  | LAW                   | 10566.68 | ISSUE      | 0.3072 | RESPONDENT'S          | 591.58  | CONVENTION     | 0.775 |
| CLAIM               | 69.8   | JUDGMENT              | 8741.90  | ORDER      | 0.3067 | APPELLANT             | 582.05  | ASYLUM         | 0.724 |
| RIGHT               | 67.98  | CONVENTION            | 7648.50  | OFFENCE    | 0.3062 | REALISABLE            | 567.59  | DATA           | 0.721 |
| APPLY               | 65.5   | RIGHTS                | 7304.34  | APPELLANT  | 0.3057 | LAWFULNESS            | 563.60  | DIRECTIVE      | 0.702 |
| ORDER               | 64.39  | WHETHER               | 7262.35  | COSTS      | 0.3053 | TORTIOUS              | 559.60  | EQUIPMENT      | 0.701 |
| DECISION            | 63.53  | DECISION              | 7056.68  | MONTH      | 0.3048 | SENESCHAL             | 535.62  | IMMIGRATION    | 0.656 |
| PERSON              | 62.83  | APPELLANT             | 6947.53  | TAKE       | 0.3043 | PARA<br>(PARAGRAPH)   | 530.02  | DISCRIMINATION | 0.647 |
| PROCEEDING          | 61.7   | PROCEEDINGS           | 6927.94  | TRIAL      | 0.3038 | CARNWATH              | 519.63  | SUICIDE        | 0.645 |
| RELEVANT            | 59.02  | LJ                    | 6707.16  | SAY        | 0.3034 | DISAPPLICATION        | 495.65  | RENT           | 0.645 |
| PURPOSE             | 58.45  | JURISDICTION          | 5968.92  | EVIDENCE   | 0.3029 | STEYN                 | 491.65  | ACCOMMODATION  | 0.627 |
| DEFENDANT           | 57.72  | ORDER                 | 5762.57  | SUSPENDED  | 0.3024 | FORESEEABILITY        | 439.69  | PLANNING       | 0.614 |
| PROVISION           | 57.55  | RELEVANT              | 5427.42  | DEFENDANTS | 0.3019 | INTERVENERS           | 439.69  | CRIMINAL       | 0.614 |
| PRINCIPLE           | 55.77  | AC                    | 5071.04  | FACT       | 0.3015 | ABBOTSBURY            | 401.71  | COMMISSIONERS  | 0.608 |
| APPLICATION         | 55.5   | PARAS<br>(PARAGRAPHS) | 5051.25  | CONCLUSION | 0.3010 | SUBSECTION            | 384.79  | CLAUSE         | 0.583 |
| JURISDICTION        | 55.5   | APPLICATION           | 4801.27  | GIVE       | 0.3005 | NUPTIAL               | 373.73  | PROPERTY       | 0.580 |
| PARAGRAPH           | 54.69  | KINGDOM               | 2796.27  | REASON     | 0.3000 | INVERESK              | 371.73  | LEASE          | 0.576 |

| RIDF     |        |
|----------|--------|
| NUPTIAL  | 6.9039 |
| BIOT     | 6.6650 |
| STOJEVIC | 6.6161 |

| DALLAH      | 6.4986 |
|-------------|--------|
| TULLIS      | 6.4183 |
| CHAGOSSIANS | 6.3186 |
| IMGS        | 6.2638 |

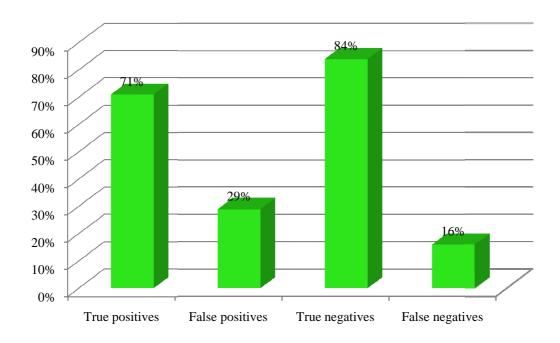
| ASCO        | 6.2409 |
|-------------|--------|
| OCR         | 6.2174 |
| DONATIONS   | 6.2054 |
| INVERESK    | 6.2054 |
| DISCREETLY  | 6.0619 |
| SAINSBURY'S | 6.0332 |
| AUDITOR     | 5.9255 |
| HSMP        | 5.9091 |
| ECRC        | 5.8583 |

| AUDITORS  | 5.8462 |
|-----------|--------|
| GHALANOS  | 5.8407 |
| SENESCHAL | 5.8229 |
| ALLDECH   | 5.8047 |
| OTHMAN    | 5.7862 |
| PETER'S   | 5.7862 |
| TAXOL     | 5.7862 |
| STEART    | 5.7482 |
| SEWER     | 5.7292 |

#### 3.1.5.4 Processing of BLaRC: identification of SWTs

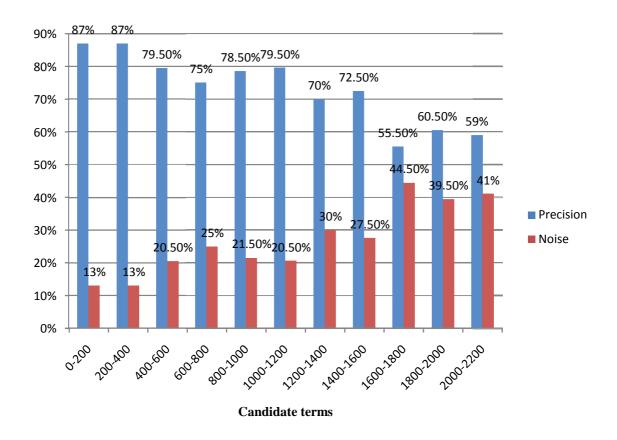
Having validated six different SWT recognition methods and the output vocabulary lists produced by each of them, the most efficient one, Drouin's (2003) *TermoStat*, was selected to process *BLaRC*, the 8.85 million-word legal corpus. First, it was implemented to extract the list of SWTs from the whole corpus according to the parameters described above for this method.

As far as precision is concerned, *Termostat* establishes a specificity threshold at 3.09 which defines a cut off point leading into the recognition of 2200 CTs. 1564 of these terms were validated as TTs thus reaching 71% precision on average. 636 out 1564 candidates were false positives, that is, 29%, while the percentage of true negatives was considerably high: 84% (25049 out of 29489). Lastly, only 4400 TTs remained undetected leading to 16% silence, as illustrated in figure 6.



**Figure 6.** True and false positives, true and false negatives identified in BLaRC using Termostat

Having analysed precision after grouping the CTs in sets of 200 items, the levels achieved for each group go as follows:



**Figure 7.** Cumulative precision obtained by TermoStat after applying it on BLaRC

As shown in the graph above, precision reaches almost 90% for the top 400 CTs while it remains steady at 8 points below within the next group of 800. The method identifies 70% TTs from candidates 1200 to 1600 decreasing sharply its efficiency to 56% from CTs 1600 to 1800. Finally, it improves precision going up to 60% from candidates 1800 to 2200. Noise levels remain inversely proportional to precision from 10% for the top 400 candidates identified to 40% for the last 600 items in the list.

Recall was also measured for this method since it clearly provides a cut off point to discriminate terms from non-terms. On a whole, *Termostat* reaches 26% recall, that is, the total amount of TTs identified in the corpus with respect to the whole list of terms in the corpus. It was measured by dividing the number of TTs extracted by the

method by the total amount of terms in the corpus (including false negatives), then the result was multiplied by 100 to be able to express it as a percentage.

Nevertheless, if Drouin's specificity threshold was lowered from 3.09 to 1.34 (including the next 2000 items in the list), recall would increase to 38.9% (managing to identify 2339 TTs). However, average precision diminishes in inverse proportion to recall dropping from 71% to 55%. If the threshold continued to be reduced (to 0.66), recall would augment considerably to 63% affecting precision, which would decrease to 45.12%.

Finally, table 3 presents the list of SWTs extracted from *BLaRC* by *Termostat* once it was validated using the gold standard for comparison. It includes those terms whose level of specialisation was above the threshold established by Drouin, 3.09. 2522 of the single-word candidate terms retrieved by the method coincided with part of the list produced after implementing Nazar and Cabré's (2012) *Terminus 2.0* on our corpus. Thus, they were removed from the list below being only included in the term inventory obtained with *Terminus*, shown in table 4. The resulting list contains 541 SWTs.

 Table 3

 List of SWTs in BLaRC identified by Termostat

| TERM             | SPECIFICITY |
|------------------|-------------|
| CASE             | 89.24       |
| V (VERSUS)       | 67.43       |
| DECISION         | 63.86       |
| PARAGRAPH        | 61.09       |
| PARA (PARAGRAPH) | 52.55       |
| RELEVANT         | 50.55       |
| PROCEEDING       | 48.54       |
| SUBMISSION       | 44.65       |
| FACT             | 43.58       |
| LAW              | 43.1        |

| 43.06 |
|-------|
| 42.15 |
| 40.6  |
| 39.12 |
| 37.02 |
| 37    |
| 36.25 |
| 35.51 |
| 35.16 |
| 33.99 |
| 33.94 |
|       |

| TERM          | 33.75 |
|---------------|-------|
| AGREEMENT     | 32.55 |
| STATUTORY     | 32.42 |
| CONTRACT      | 31.34 |
| SENTENCE      | 30.96 |
| LIABILITY     | 30.92 |
| TRIAL         | 29.81 |
| OPINION       | 29.61 |
| CONSIDERATION | 29.54 |
| PROPERTY      | 29.41 |
| REVIEW        | 29.19 |
| FINDING       | 28.84 |
| DUTY          | 28.61 |
| REGARD        | 28.17 |
| REQUIREMENT   | 28.1  |
| PARTICULAR    | 26.69 |
| ACCORDANCE    | 26.59 |
| CLAUSE        | 26.44 |
| DEFENDER      | 26.25 |
| PERMISSION    | 26.09 |
| EMPLOYER      | 25.47 |
| POSSESSION    | 25.37 |
| REGISTRATION  | 24.89 |
| DISCLOSURE    | 24.41 |
| ALLEGATION    | 24.38 |
| JURY          | 23.99 |
| SUBSECTION    | 23.24 |
| ASSESSMENT    | 22.29 |
| UNLAWFUL      | 22.07 |
| LEAVE         | 21.59 |
| PURSUANT      | 21.51 |
| PROSECUTION   | 21.14 |
| REASONING     | 20.73 |
| PARAS         | 20.57 |
| PLAINTIFF     | 20.49 |
| DETERMINATION | 19.71 |
| DETENTION     | 19.44 |
| STATUTE       | 19.12 |
| ASSET         | 18.85 |
| DISPUTE       | 18.53 |
| MATERIAL      | 18.41 |
| UNFAIR        | 18.02 |

| LORDSHIP          | 18    |
|-------------------|-------|
| ALLEGED           | 17.89 |
| LEGISLATION       | 17.81 |
| FAIR              | 17.76 |
| EMPLOYEE          | 17.72 |
| CONTRACTUAL       | 17.69 |
| DISCRIMINATION    | 17.66 |
| LANDLORD          | 17.5  |
| ACTION            | 17.48 |
| AMENDMENT         | 17.44 |
| ASYLUM            | 17.4  |
| DECEASED          | 17.39 |
| INVESTIGATION     | 17.25 |
| FACTUAL           | 16.96 |
| PROCEDURAL        | 16.92 |
| SUBSTANTIVE       | 16.65 |
| DISCIPLINARY      | 16.63 |
| LITIGATION        | 16.53 |
| HARM              | 16.41 |
| APPLICABLE        | 16.26 |
| EXTRADITION       | 16.26 |
| LICENCE           | 16.19 |
| NEGLIGENCE        | 16.09 |
| COMPENSATION      | 16.07 |
| PROOF             | 16.07 |
| FRAUD             | 15.34 |
| DIRECTION         | 15.25 |
| INTERPRETATION    | 15.14 |
| CROSS-EXAMINATION | 15.03 |
| PANEL             | 15    |
| RELIANCE          | 14.95 |
| CONFISCATION      | 14.55 |
| ABUSIVE           | 14.52 |
| CONSISTENT        | 14.51 |
| LEGITIMATE        | 14.39 |
| SUBSTANTIAL       | 13.94 |
| CERTIFICATE       | 13.93 |
| DEFENCE           | 13.87 |
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| DECLARATION       | 13.29 |

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| CORRESPONDENCE  | 12.98 |
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| REPAYMENT       |       |
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| SUBSEQUENT      | 12.48 |
| SUBSEQUENTLY    | 12.42 |
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| RESIDENCE       | 12.03 |
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| FRAUDULENT      | 11.77 |
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| RELIEF          | 10.71 |
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| RESOLVE         | 10.66 |
| RECONSIDERATION | 10.64 |
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| IMPLIED         | 10.58 |
| MATRIMONIAL     | 10.56 |
| GUILTY          | 10.52 |
| TRADER          | 10.44 |
| DEBTOR          | 10.42 |
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| EXCEPTION       | 10.31 |
| JJ              | 10.26 |
| TAX             | 10.23 |
| CUSTODY         | 10.22 |
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| SENTENCING     | 10.12 |
| NEGLIGENT      | 10.1  |
| DISPUTE        | 10.09 |
| INJURY         | 10.06 |
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| PREMIUM        | 7.68 |
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| RESTITUTIONARY         | 3.62     |
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| AMENDED        | 3.13 |
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| PROSPECTIVELY  | 3.12 |
| RULE-MAKING    | 3.12 |
| SUPPLEMENTAL   | 3.12 |
| NON-COMMERCIAL | 3.07 |
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#### 3.2. SWT AND MWT RECOGNITION METHODS

#### 3.2.1. Introduction

Once Patrick Drouin's (2003) *TermoStat* has been selected as the most efficient SWT recognition method and implemented on *BLaRC*, a validation process similar to the one applied to SWT recognition methods will be carried out to single out the most effective method capable of recognising MWTs automatically.

A brief description of the latter type of methods is provided below together with an explanation of their implementation on the pilot 2.6 million-word corpus, *UKSCC*. The results obtained after their implementation will be studied and the best performing one, Nazar and Cabré's (2012) *Terminus*, will, in turn, be applied to the 8.85 million-word corpus, *BLaRC*. Finally, the resulting list of MWTs obtained will also be presented.

Most of these methods can recognise both SWTs and MWTs so their validation will include precision levels for both types of units (in case they were capable of extracting both as it happens with *Terminus* (Nazar & Cabré, 2012)), *Termextractor* (Sclano & Velardi, 2007) and *Textract* (Park et *al.*, 2002).

#### 3.2.2. Method description

# 3.2.2.1. Terminus 2.0 (Nazar & Cabré, 2012)

Nazar and Cabré propose an ATR method, freely available online<sup>10</sup>, whereby term extraction becomes a fast and easy task. *Terminus 2.0* offers different possibilities for the researcher working on specialised terminology. As indicated on the website guide, it has varied functions such as textual corpus search, compilation and analysis; term extraction; glossary and project management; database creation and maintenance and dictionary edition.

Their ATR method is based on the assumption that the system can learn how to recognise terms based on the language samples provided by the user. The expert does not need to formulate rules to help the system work but rather let it learn from the real samples provided of both specialised terms and general language using the latter for comparison.

The program "develops a statistical model with an abstraction of the main characteristics of both samples" (Nazar & Cabré, 2012: 210). As it is open to any user who can upload glossaries and corpora to help the system learn to identify terms in different domains, the more users employ it, the greater its capability will become to identify terminological units. As stated by the authors, the greatest innovation of this method is its collaborative character since it "allows a community of terminologists to share knowledge acquired by the program in each training phase" (Nazar & Cabré, 2012: 212).

The method applied by the system is structured into three distinct phases: syntactic, lexical and morphological. To begin with, using Schmid's *Tree Tagger* (1995), the texts are POS tagged and a syntactic model is developed based on the

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<sup>&</sup>lt;sup>10</sup>Available at: http://terminus.upf.edu

frequency of distribution of the syntactic patterns identified. After doing so, the frequency of the lexical units displaying those patterns is measured. Finally, it extracts initial and final character *n*-grams. The termhood score is obtained by assigning a higher value to those units which have a "significant frequency in the LSP training material with respect to the general language corpus" (Nazar & Cabré, 2012: 212). This process is followed for all levels of training.

The authors act as judges to validate their method by confirming the candidates extracted as TTs and discarding those which do not qualify as such. The corpus employed as the training set is a 300,000 word collection of papers on corpus linguistics (CL) published in 2010. The test corpus is also a collection of papers on the same topic of similar size (340,000 words). Both sets of texts were taken from the scientific journal *Computational Linguistics*. The reference corpus consists in a 2 million-word collection of press articles from the Leipzig Corpora Collection. In the evaluation process the algorithm is trained also using *n*-gram frequency lists and word association measures.

As part of this training, the authors validate 800 terminological units and train the algorithm using this list of terms (both SWTs and MWTs). Once the training phase is accomplished, the study corpus is processed employing the information derived from the training. For the validation of the results obtained after processing the study corpus of 340,000 words, the authors resort to three different classical measures, namely, chi-square test, mutual information and frequency (the most frequent 1500 bigrams are extracted). They also employ a stop word list to filter the results.

As a result, the precision levels achieved are considerably better than those attained by the three methods used for comparison. *Terminus* reaches 85% precision for the top 200 candidates and 75% for the top 400.

## 3.2.2.2. C-value (Frantzi et. al., 1999)

This ATR method does not resort to corpus comparison but rather stands as a domain-independent one only based on a specialised corpus. It is a hybrid method which employs both linguistic and statistical data to produce a list of CTs ranked according to their termhood score. A term's c-value can be calculated with respect to its frequency and the frequency of its sub-terms:

$$CValue(a) = \log_2|a| \cdot \left(f(a) - \frac{1}{P(T_{a)}} \sum_{b \in T_a} f(b)\right)$$

Where, f(a) is the frequency of term (a) with |a| words,  $T_a$  is the set of CTs recognised by the method that contain (a) and  $P(T_a)$  is the total number of longer CTs that contain (a).

The linguistic part of the method is articulated into different steps which go as follows:

- 1- The corpus is POS tagged.
- 2- A linguistic filter is applied so as to discard certain patterns and keep a balance between precision and recall (the use of an open filter could favour recall at the expense of precision). Only those strings containing nouns premodified by other nouns, adjectives or combinations of both are kept.
- 3- A stop list is employed which comprises both function words and high frequency ones from a sample corpus not expected to be terms.

As part of the statistical parameters utilised to select the CTs, the authors take into consideration the frequency of occurrence of the pattern, also the frequency of the pattern as part of other longer structures, the amount of these longer structures and the number of constituents of the pattern.

Frantzi et *al.* introduce the concept of *nested terms* as key within the statistical part of their method. With the purpose of trying to discard those patterns which are not TTs, they decide to select only those which contain strings which also appear by themselves in the corpus displaying relatively high frequency. A frequency threshold of >3 is applied to avoid producing a too long list that might become a hindrance for the experts evaluating the output.

For the assessment of their method, the authors highlight the fact that there is no agreement amongst experts and that such subjectivity necessarily leads to the introduction of the concept of 'relative' precision and recall. Instead of asking an expert to extract all the terms in a corpus, which is time-consuming and hard to attain, recall figures are obtained "with respect to frequency of occurrence, which we use as the baseline method" (Frantzi et *al.*, 1999: 8).

The authors also assess precision at three stages: first, evaluating those candidates which have appeared as nested; second, evaluating only those appearing as nested, and third, evaluating all the CTs. As a result, the authors realise that, in general, the use of a more open linguistic filter does not affect precision significantly. Moreover, using other statistical data "apart from the pure frequency of occurrence of CTs, improves the precision of the extracted nested multi-word terms, with a slight only loss on recall" (Frantzi et *al.*, 13).

#### 3.2.2.3. TermExtractor (Sclano & Velardi, 2007)

Sclano and Velardi's method introduces an evaluation process different from other ATR methods. The results obtained by *TermExtractor*<sup>11</sup>, the free online tool developed by the authors, are assessed "by web communities and individual users on different domains"

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<sup>&</sup>lt;sup>11</sup> Available at http://lcl.uniroma1.it/termextractor

(Sclano & Velardi, 2007: 6). The online software interface allows the creation of a team of judges who will validate the results obtained once a given corpus has been processed and a list of CTs produced. The average precision attained having consulted both private and public institutions (such as Stockholm University, the University of Ottawa or the Institute of Systems Analysis and Computer Science in Rome, amongst many others), as well as private users, was 80%, reaching a peak of 99.4% for a group of texts (7680) belonging to the field of anatomy and medicine.

*TermExtractor* manages to identify terms based on two distinct phases. The first one, linguistic, consisting in the extraction of typical patterns from a collection of specialised texts, basically noun-noun, adjective-noun or noun-preposition-noun after automatically parsing<sup>12</sup> the text. The parsing process gives greater relevance to those elements which are highlighted by any means (underlining, bold types, etc.).

The second one consists in the application of several filters. Domain relevance is one of them. It is an entropy-based<sup>13</sup> measure which takes into account a candidate's frequency in the specialised domain by comparison with other domains. Domain Consensus (introduced by the authors in Navigli & Velardi, 2002) is also entropy-related and "simulates the consensus that a term must gain in a community before being considered a relevant domain term". Lexical cohesion is another parameter affecting term extraction. The authors follow Park et *al.*'s model (in Sclano and Velardi, 2007: 3) which measures the degree of unithood amongst the constituents of a given pattern. Finally, they employ a set of measures to filter the results with the aim of minimising noise levels (removal of generic modifiers and proper nouns, mispelling detection, etc.).

<sup>1/</sup> 

<sup>&</sup>lt;sup>12</sup> The texts are tagged syntactically after the sentences in it are analysed.

<sup>&</sup>lt;sup>13</sup> Shannon's Entropy is the key element of Information Theory and represents a way to measure the information in a message. In Statistics, Entropy measures the disorder of a distribution.

Based on all these steps, a word's weight is defined according to Sclano and Velardi "as a linear combination of the three main filters" (Sclano & Velardi, 2007: 3). Let t be the CT in question,  $D_i$  the domain of interest, DR the domain relevance filter, DC domain consensus and LC lexical cohesion. "The coefficients are user-adjustable, but the default is  $\alpha = \beta = \gamma = \frac{1}{3}$ " (Sclano & Velardi, 2007: 3).

$$w(t, D_i) = \propto \cdot DR + \beta \cdot DC + \gamma \cdot LC^{14}$$

#### 3.2.2.4. Textract (Park et al. 2002)

Park et *al.* (2002) design a term recognition tool, *Textract*, capable of identifying specialised terms which, in their view, convey a major part of the technical knowledge contained in specialised document collections. Moreover, these terms are of great relevance since they can be employed by different applications providing information on syntactic patterns, definitions of concepts or even "relationships that link concepts" (Park et *al.*, 2002: 1).

Term lists can be organised in specialised glossaries, which is the authors' main objective. Glossary formation follows different steps. On the one hand, the identification of CTs (this is the method that will be evaluated herein), on the other hand, the validation of the list of CTs by an expert through its presentation employing a glossary administration system. After that, the validated glossary "is made available, through suitable APIs<sup>15</sup>, to the application system" (Park et *al.*, 2002: 1).

Let us then concentrate on *Textract*, the ATR method presented by the authors to single out the most relevant terms in a specialised corpus. *Textract* is part of a set of text

<sup>&</sup>lt;sup>14</sup> For more information on how to calculate the value for each filter see Park et al., 2002: 2-3.

<sup>&</sup>lt;sup>15</sup> Application Programming Interfaces

analysis tools, *TALENT* (*Text Analysis and Language Engineering Technology*), designed by the Information Retrieval and Analysis Group at IBM.

This tool identifies both single and multi-word terms (both noun and verb phrases). The authors apply several filters. To start with, patterns with more than six units are eliminated, proper nouns (person and place names) are removed as well as special tokens such as URLs, words with special characters, etc. Generic premodifiers are also detected, by automatically identifying their level of specificity within a given domain, and purged.

Subsequently, CTs are ranked according to their goodness, that is, their termhood level. Goodness is measured on the basis of a candidate's domain-specificity and the level of cohesion amongst its contituents. The level of specificity of a term (labelled as *confidence* by the authors) is defined as:

$$C(T) = \alpha * TD(T) + \beta * TC(T)^{16}$$

where TD stands for term domain-specificity, TC for the term's cohesion, and  $\alpha$  and  $\beta$  "are constant values which decide the relative contributions of TD and TD respectively" (Park et al., 2002: 5).

Concerning the evaluation of *Textract*, it is carried out both mechanically and resorting to the help of three judges. Human validation turns out to be more successful as the specialists confirm that 216 (72%) amongst the top 300 candidates extracted are TTs. As for automatic validation, the authors establish the level of overlap between the CTs extracted by their tool and two well-known measures: Church and Hank's (1990) mutual information and Dunning's (1993) log-likelihood. The results of this comparison yield 17.55% overlap for the former as opposed to 55.33% for the latter.

<sup>&</sup>lt;sup>16</sup> For more details on the calculation of *TD* and *TC*, see Part et *al.*, 2002: 5.

#### 3.2.2.5. TermoStat (Droiun, 2003)

As stated in the previous section when describing *Termostat*, Drouin's method can be configured to recognise both SWTs and MWTs. For this section, the parameters were adjusted so that it only extracted noun and adjective phrases, which is the type of MWT pattern this method concentrates on.

The results obtained by the author after evaluating MWT extraction are poorer than those obtained in SWT recognition. While *Termostat* manages to detect 81% SWTs on average, it fails to detect 35% MWTs. As a solution to solve this problem, Drouin points at the possibility of resorting to other types of statistical measures like mutual information (Church & Hanks, 1990), or termhood-weighting factor (Frantzi & Ananiadou's 1997; Nagakawa & Mori's, 2002).

### **3.2.3.** Method implementation

As far as the actual implementation of these five methods is concerned, three of them could be applied in a fully automatic manner. Both Nazar and Cabré's (2012) *Terminus* 2.0, *Termextractor* (Sclano & Velardi, 2007) and *TermoStat* (2003) are freely accessible online. Therefore, the corpus was uploaded and processed automatically producing a list of both single and multiword terms for the implementation of the three methods. Nevertheless, Nazar and Cabré's method required a previous step to the actual processing of the corpus. As shown in the method description section, *Terminus* offers the possibility of training the system so that it can learn what specialised terms are like in every sublanguage. In order to do so, a list of both SWTs and MWTs was uploaded to the server so that *Terminus* implemented the learning algorithm on this data set to improve the term extraction results. This is precisely one of the most outstanding features of this system since the training phase allows it to store a statistical model that

it will apply in the term extraction phase. This information will be saved and made freely available so that any other users willing to process a corpus belonging to the same domain will be able to apply it without any difficulty.

Concerning *Textract* (Sclano & Velardi, 2007) and *C-value* (Frantzi & Ananiadou, 1999), they were implemented using Zhang's (2008) java tool set *Jate. Jate Tools* can be freely downloaded<sup>17</sup> providing the possibility of applying different ATR methods automatically. Zhang's tool set lemmatises and POS-tags corpora using Schmid's *Tree Tagger* (1994). The corpus used for comparison is *BNC*. Zhang resorts to Kilgariff's lemmatised lists, also available online.

However, this tool does not employ any previous filter but rather processes the corpus directly so the output lists resulting after applying *Textract* and *C-value* were filtered employing the function word and base word list 15 of proper names provided with Heatley and Nation's (1996) *Range* software.

## **3.2.4.** Results

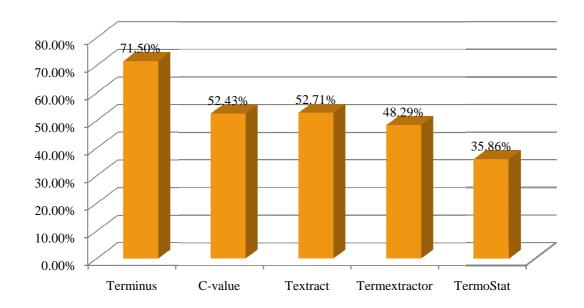
The methods evaluated produced different output lists whose size varied depending on the configuration of the different parameters available for each of them. Owing to the need to establish a similar method of comparison, the number of candidates evaluated in all cases was 1400 due to the fact that *Termextractor* by Sclano and Velardi (2007) established a cut-off point producing a maximum amount of 1400 CTs. In spite of the bigger size of the output lists generated by *Terminus* or *C-value*, this was the limit set for the validation of the six methods assessed in this section.

It must be highlighted that the five lists had to be supervised manually once the automatic comparison made with the specialised glossary was finished with the purpose

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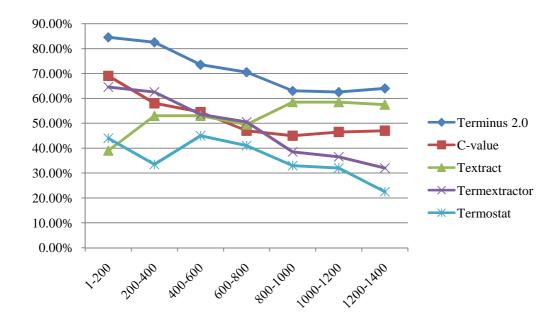
<sup>&</sup>lt;sup>17</sup> At: http://code.google.com/p/jatetoolkit

of minimising silence throughout this evaluation process. As a matter of fact, those MWTs not present in the glossary were also incorporated to it in the same way as we did with SWTs.



**Figure 8.** Average precision of MWT recognition methods

As far as average precision is concerned for the five methods assessed, figure 8 clearly shows how *Terminus* is the best performing method. It stands 19 points above the second ranking method, *Textract*, which reaches 52.71% precision. C-value is in third position at 52.43% being closely followed by Termextractor, at 4 points below. *Termostat* is the worst performing MWT recognition method which only manages to identify 35.86% MWTs in the corpus. As acknowledged by the author, the efficiency of his method (the most efficient one in SWT recognition), when configured to also detect MWTs, is much lower moving from 85% (its average precision rate in SWT recognition) to 65% (when including both types of lexical units). Nonetheless, for this section, *TermoStat* was configured to only identify MWTs, hence its lower precision.



**Figure 9.** Cumulative precision of MWT recognition methods for top 1400 CTs

As relvealed by figure 9, the five methods considered for evaluation behave differently and, although their efficiency is, in general, lower than the one achieved in SWT identification, they do not seem to reduce it as sharply as SWT recognition methods. While the precision levels reached by the latter go down 28 points on average from candidates 1 to 1400 (except for Drouin's method which varies slightly from 84% to 82%, and Chung's whose performance is really poor from the beginning of the CT list), those identifying MWTs do it in a smoother manner.

On average, except for *Terminus* (which goes down 20 points), MWTs recognition methods decrease their efficiency by 24 points within the same range (from candidate 1 to 1400) following a similar trend as shown in the graph above. Conversely, as it happens solely with *RIDF* in SWT extraction (possibly due to the amount of noise detected within the group of 1 to 200 CTs –72%–), *Textract* improves its performance increasing its precision by 18 points although it does not manage to identify more than 57% TTs within the 1400 CT frame studied in this section.

Precisely due to the excellent results obtained on the top 400 CTs (83.5% precision), *Terminus* falls down by 9% from CTs 400 to 600 and continues to descend progressively from that point to the end of the graph still remaining in the first position at the end of it (64% precision).

From CTs 1 to 500, the best ranking methods are *Terminus* and *C-value*, although the latter stands 24 points below the former within this range. *Termextractor* remains in third position from candidate 1 to 700 decreasing its effectiveness from that point to the end of the graph and moving to fourth position from that point on. Finally, *TermoStat* is the worst performing of the five methods evaluated owing to its initial configuration which excludes SWT detection.

Taking into consideration the results obtained in this evaluation process of SWT and MWT recognition methods, it has been proved that the former are more efficient than those which extract either SWTs and MWTs or just MWTs. As a matter of fact, except for *Terminus*, which behaves similarly to *Termostat* within the top 600 candidates in the list, the rest of them are far below SWT extraction methods. Actually, the second best performing MWT recognition method is 14 points below the one in the same ranking position in SWT identification.

Secondly, as far as corpus comparison is concerned, while it yields better results in SWT recognition, it cannot be concluded that it affects MWT recognition positively as three of the five methods assessed above which resort to it rank first, third and fifth respectively. Moreover, it cannot be affirmed either that the greater rate of success of *Terminus* is directly related to the comparison of a general and a specialised corpus but rather to the fact that the system learns about specialised terms when trained by the user

being much more efficient in their identification than others which do not implement any learning algorithm.

Finally, all the MWT recognition methods examined above employ lemmatisation and POS tagging techniques due to the fact that grammatical patterns need to be identified prior to MWT recognition. Therefore, unlike SWT recognition methods where lemmatisation produces better results, it cannot be considered as a relevant factor affecting precision since all the methods studied in this section resort to it.

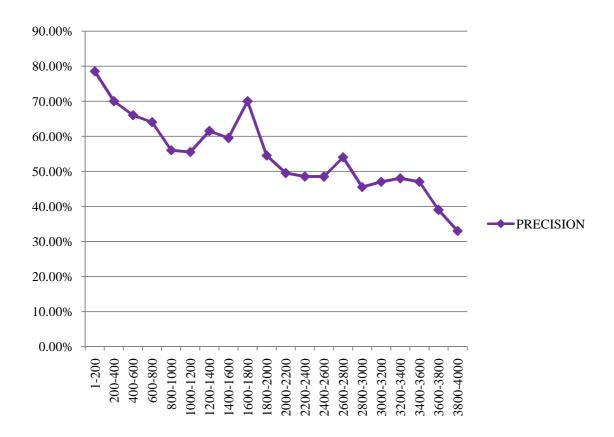
## 3.2.5 Processing of *BLaRC*: identification of single and multi-word terms

After having evaluated single and multi-word term recognition methods, *Terminus*, the ATR method designed by Nazar and Cabré (2012), has proved to be the best performing one which manages to identify 71.5% terms in *UKSCC*, achieving 83.5% precision on the top 400 candidates. Therefore, it was employed to analyse *BLaRC*, the 8.85 millionword legal corpus, following a similar procedure to SWT identification in the previous section.

In order to minimise the amount of noise generated by the method, the output list of 5000 CTs was manually supervised to ensure that the automatic validation process had worked properly, two specialised dictionaries (Alcaraz & Hughes, 2000; Saint Dahl, 1999) were employed for such supervision. Those candidates which were confirmed as TTs but did not appear in the glossary and had thus been discarded were added to the gold standard and therefore confirmed as terms. Consequently, the silence generated by the automatic comparison with the glossary was also kept to a minimum.

This manual supervision also led to the elimination of repeated words. *Terminus* lemmatises types not assigning a given weight to each lemma but to its variants. It

includes the different forms of a lemma separately in the output list (indicating the lemma they are associated with) in spite of such forms often belonging to the same morphological category. This might be a problem area for this method which could possibly increase its efficiency if lemmas were considered as single units and their variants were not assigned different weight depending on their forms. An example of this shortcoming is the word *landowner* whose weight in singular is 3576.60925 and 2185.525021 in plural (*landowners*). Hence, the variants of the same lemma were removed from the list 18 to assess precision leading to the elimination of 671 word forms from the original CT list.



**Figure 10.** Cumulative precision obtained by Terminus 2.0 after applying it on BLaRC

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 $<sup>^{18}</sup>$  They were removed on condition that they belonged to the same word category like *landowner/landowners*.

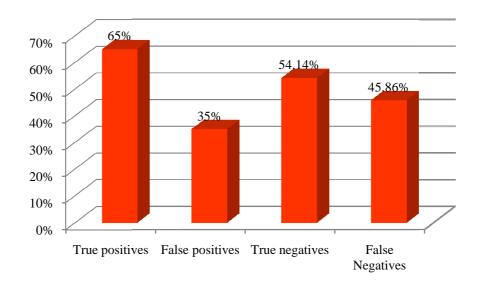
Figure 10 shows the results of the validation process after comparing the whole list of CTs with the gold standard automatically and also supervising it manually. The graph illustrates cumulative precision in groups of 200 candidates from items 1 to 4000 ranked according to the weight assigned to each of them by *Terminus*.

Nazar and Cabré's method does not establish a threshold to discriminate terms from non-terms as clearly as other methods like Drouin's (2003) or Chung's (2003). However, it can be configured so that the number of candidates adjusts to the preferences of the user. In this case, it was configured to produce 5000 terms so the graph above illustrates the evaluation of the first 4000 candidates once the repeated word forms had been eliminated, as already stated.

Terminus remains considerably efficient (especially considering the precision levels achieved by the other MWT recognition methods assessed above) from CTs 1 to 1800, managing to identify 64.5% single and multi-word terms on average within this range and finding its peak at 78.5% for the top 200. Its effectiveness decreases progressively recovering again from CTs 1600 to 1800 at 70% precision. From that point on, it falls sharply to 54.5% and continues to descend smoothly to 48.5% (CTs 2400 to 2600) slightly recovering from candidates 2600 to 2800 (54% precision) and finally falling to 33% by the end of the graph.

Having observed the evolution of this method, it might be interesting to try and establish a cut-off point which would act as a threshold to discriminate terms from non-terms. Judging by the figures, it appears that the method is considerably efficient up to candidates 1600 to 1800 since, after that point, it does not manage to recognise more than 46.77% terms and its precision level decreases rapidly to 33% from candidates 3800 to 4000.

The weight corresponding to CT 1800 is 1030 and could thus be regarded as the threshold value. Applying this threshold, *Terminus* could extract 1153 TTs reaching 65% precision on average.



**Figure 11.** True and false positives, true and false negatives after applying a + 1030 weight threshold

As illustrated by figure 11, the percentage of TTs extracted would reach 65%, while noise levels would stand at 35% (percentage of false positives generated by the system). Conversely, establishing a threshold would affect the amount of false negatives, that is, silence, since it would fail to identify 45.86%.

Finally, owing to the fact that it was not possible to have a definite list of MWTs extracted from *BLaRC* to use as reference to calculate recall, partial recall could only be established if we considered the whole list of terms generated by *Terminus* itself, that is, 2312. If the + 1030 weight threshold was applied, *Terminus* would achieve 49.87% recall with respect to the whole list generated by the system without establishing any cut-off point.

To conclude, Table 4 shows the whole list of 2309 terms identified by *Terminus* after its automatic and manual validation without establishing any cut-off point. This list comprises those terms identified solely by *Terminus* as well as the SWTs which coincided with the ones extracted by Drouin's *TermoStat* which were eliminated from the list shown in table 3.

Table 4

List of SWTs and MWTs generated by Terminus 2.0

| LEMMA        | WEIGHT      |
|--------------|-------------|
| LAWFUL       | 235189.5609 |
| WITNESS      | 230170.3331 |
| PAYABLE      | 145321.5141 |
| CAUSATION    | 135029.1021 |
| INJUNCTION   | 121506.2169 |
| COMPLAINT    | 112844.924  |
| OBLIGATION   | 112659.4599 |
| INFRINGEMENT | 101451.544  |
| WORDING      | 93573.26866 |
| PRESUMPTION  | 89657.53631 |
| INFERENCE    | 88221.7819  |
| LAWFULNESS   | 85915.14383 |
| MISCONDUCT   | 84649.52406 |
| JUDGMENT     | 55907.31426 |
| DOCTRINE     | 54505.99677 |
| EASEMENT     | 52735.42997 |
| INABILITY    | 51130.07003 |
| SUBMIT       | 47155.40596 |
| IMPUTATION   | 46254.77462 |
| CONSEQUENCE  | 46195.90151 |
| ASCERTAIN    | 46150.22011 |
| AVERMENT     | 45711.36982 |
| IMPRISONMENT | 43109.06021 |
| REMIT        | 42990.04366 |
| TENEMENT     | 41041.95604 |
| SPOUSE       | 40954.20996 |
| FAILURE      | 40530.22722 |
| ADDUCE       | 40283.20574 |
| ENTITLEMENT  | 38934.16097 |

| OBITER            | 38012.60145 |
|-------------------|-------------|
| SATISFY           | 37586.17542 |
| INTENTION         | 37040.12247 |
| PROBABILITY       | 36475.51462 |
| OMISSION          | 35957.66763 |
| UNABLE            | 35472.35907 |
| ENACTMENT         | 35298.79863 |
| RELEVANCE         | 33939.67726 |
| INTERFERENCE      | 33407.42262 |
| REMISSION         | 32520.17725 |
| COMITY            | 31900.72382 |
| REASONABLE EXCUSE | 30386.91454 |
| CONJUNCTION       | 29289.85025 |
| UNDUE             | 28889.00841 |
| PASSAGE           | 28716.19674 |
| INADMISSIBLE      | 28469.58051 |
| ARGUABLE          | 27817.73845 |
| ARBITRATOR        | 27755.13262 |
| PRIMA FACIE       | 27447.29775 |
| LIABLE            | 27385.63601 |
| DICTUM            | 27216.97757 |
| ENTITY            | 26378.04993 |
| EXPIRY            | 26262.89856 |
| ARGUMENT          | 26106.56628 |
| PERSECUTION       | 25897.00009 |
| CONTENTION        | 25719.23049 |
| JURISPRUDENCE     | 25480.94853 |
| SIGNIFICANCE      | 25422.11146 |
| JUSTIFICATION     | 24554.39017 |
| DICTA             | 23849.24221 |

| LEGATEE               | 22512 67640 |
|-----------------------|-------------|
|                       | 23513.67649 |
| LOCUS                 | 23196.29014 |
| ADJOURNMENT           | 22904.33234 |
| ESSENCE               | 22826.1898  |
| PURSUIT               | 22138.83194 |
| PLEADING              | 21974.17642 |
| CULPABILITY           | 21286.59623 |
| ERR                   | 21087.46303 |
| PURSUE                | 20695.80824 |
| AMEND                 | 20671.88325 |
| ASSUMPTION            | 20593.27547 |
| COMMITTAL             | 20369.38632 |
| CIRCUMSTANCE          | 20193.28197 |
| CONSIDER              | 19943.03506 |
| PROCEED               | 19860.84841 |
| INDICTMENT            | 19471.88392 |
| CERTAINTY             | 18938.07192 |
| PURSUANCE             | 18884.94818 |
| ANNUITY               | 18663.69979 |
| SEISIN                | 18367.64791 |
| ASSESS                | 18270.01949 |
| REMITTAL              | 18186.93552 |
| ADVERSE               | 18180.89933 |
| DISHONESTY            | 18145.69786 |
| DISADVANTAGE          | 17932.71083 |
| ENJOYMENT             | 17877.16977 |
| SEEK                  | 17618.72636 |
| CESSATION             | 17455.0513  |
| ARREARS               | 17124.42591 |
| REDACTION             | 16957.45434 |
| CONCLUDE              | 16723.35866 |
| CONFER                | 16355.34495 |
| OVERPAYMENT           | 16347.31709 |
| IRRELEVANT            | 16319.11289 |
| CUMULATIVE            | 16253.01775 |
| JURISDICTION          | 16056.04399 |
| VEXATIOUS             | 15874.622   |
| ARBITRATION<br>CLAUSE | 15834.45721 |
| CAVEAT                | 15775.56498 |
| REASONABLE TIME       | 15735.05701 |
| IMPAIRMENT            | 15578.96533 |
| PRECLUDE              | 15571.60762 |
| RESTRICTION           | 15415.18441 |
| QUALIFY               | 15405.71422 |
| ENTITLE               | 15212.21913 |
|                       | 1           |

| APPARENT 15063.9798 COLLUSION 14883.58545 IMPLICATION 14743.02036 IMPUGN 14569.62751 ABILITY 14230.74804 UNREASONABLE 14217.42858 RECOURSE 14202.33275 ASSERTION 14118.67235 REBUTTAL 14033.86246 CLAIM 13890.29855 INAPPROPRIATE 13709.76244 JUSTIFY 13628.56621 COGNISANCE 13621.25365 PREROGATIVE 13423.13447 APPLY 13329.44794 ABSCOND 13322.30923 INFER 13285.27003 PREMISE 13094.27684 ADMISSIBLE 13057.17019 CONSTITUTE 13033.94302 MALICE 13009.98187 LEGALITY 13002.387 INQUEST 12781.68508 OBSERVATION 12778.06256 EXPENDITURE 12775.4162 CULPABLE 12699.31371 DECIDE 12543.5875 EXCLUDE 12442.4198 ADEQUACY 12432.37187 DECIDE 12543.5875 EXCLUDE 12543.58 | STATUTORY DUTY   | 15197.18437 |
|--|------------------|-------------|
| IMPLICATION         14743.02036           IMPUGN         14569.62751           ABILITY         14230.74804           UNREASONABLE         14217.42858           RECOURSE         14202.33275           ASSERTION         14118.67235           REBUTTAL         14033.86246           CLAIM         13890.29855           INAPPROPRIATE         13709.76244           JUSTIFY         13628.56621           COGNISANCE         13621.25365           PREROGATIVE         13423.13447           APPLY         13329.44794           ABSCOND         13322.30923           INFER         13285.27003           PREMISE         13094.27684           ADMISSIBLE         13057.17019           CONSTITUTE         13033.94302           MALICE         13009.98187           LEGALITY         13002.387           INQUEST         12781.68508           OBSERVATION         12780.6256           EXPENDITURE         12775.4162           CULPABLE         12699.31371           DECIDE         12543.5875           EXCLUDE         12442.4198           ADEQUACY         12432.37187           DEROGATE <t< td=""><td>APPARENT</td><td>15063.9798</td></t<>   | APPARENT         | 15063.9798  |
| IMPLICATION         14743.02036           IMPUGN         14569.62751           ABILITY         14230.74804           UNREASONABLE         14217.42858           RECOURSE         14202.33275           ASSERTION         14118.67235           REBUTTAL         14033.86246           CLAIM         13890.29855           INAPPROPRIATE         13709.76244           JUSTIFY         13628.56621           COGNISANCE         13621.25365           PREROGATIVE         13423.13447           APPLY         13329.44794           ABSCOND         13322.30923           INFER         13285.27003           PREMISE         13094.27684           ADMISSIBLE         13057.17019           CONSTITUTE         13033.94302           MALICE         13009.98187           LEGALITY         13002.387           INQUEST         12781.68508           OBSERVATION         12780.6256           EXPENDITURE         12775.4162           CULPABLE         12699.31371           DECIDE         12543.5875           EXCLUDE         12442.4198           ADEQUACY         12432.37187           DEROGATE <t< td=""><td>COLLUSION</td><td>14883.58545</td></t<>   | COLLUSION        | 14883.58545 |
| IMPUGN         14569.62751           ABILITY         14230.74804           UNREASONABLE         14217.42858           RECOURSE         14202.33275           ASSERTION         14118.67235           REBUTTAL         14033.86246           CLAIM         13890.29855           INAPPROPRIATE         13709.76244           JUSTIFY         13628.56621           COGNISANCE         13621.25365           PREROGATIVE         13423.13447           APPLY         13329.44794           ABSCOND         13322.30923           INFER         13285.27003           PREMISE         13094.27684           ADMISSIBLE         13094.27684           ADMISSIBLE         13099.28187           CONSTITUTE         13033.94302           MALICE         13009.98187           LEGALITY         13002.387           INQUEST         12781.68508           OBSERVATION         12778.06256           EXPENDITURE         12775.4162           CULPABLE         12699.31371           DECIDE         12543.5875           EXCLUDE         12442.4198           ADEQUACY         12432.37187           DEROGATE <t< td=""><td>IMPLICATION</td><td></td></t<>  | IMPLICATION      |             |
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| UNREASONABLE RECOURSE 14202.33275 ASSERTION 14118.67235 REBUTTAL 14033.86246 CLAIM 13890.29855 INAPPROPRIATE 13709.76244 JUSTIFY 13628.56621 COGNISANCE 13621.25365 PREROGATIVE 13423.13447 APPLY 13329.44794 ABSCOND 13322.30923 INFER 13285.27003 PREMISE 13094.27684 ADMISSIBLE 13094.27684 ADMISSIBLE 13094.27684 ADMISSIBLE 13009.98187 LEGALITY 13002.387 INQUEST 12781.68508 OBSERVATION 12780.31571 EVASION 12778.06256 EXPENDITURE 12775.4162 CULPABLE 12699.31371 DECIDE 12543.5875 EXCLUDE 12442.4198 ADEQUACY 12432.37187 DEROGATE 12347.58389 TRESPASSER 12325.33619 TRIBUNAL DURESS 12184.18922 IMPARTIALITY 12147.60674 CALENDAR 11911.40298 CONTEMPLATION 11869.34867 INHABITANT 11866.19724 ERRONEOUS 11441.87738 PAYEE 11437.62708 CRIMINAL OFFENCE 11352.19014 EXPRESS 11309.94326  |                  |             |
| RECOURSE 14202.33275 ASSERTION 14118.67235 REBUTTAL 14033.86246 CLAIM 13890.29855 INAPPROPRIATE 13709.76244 JUSTIFY 13628.56621 COGNISANCE 13621.25365 PREROGATIVE 13423.13447 APPLY 13329.44794 ABSCOND 13322.30923 INFER 13285.27003 PREMISE 13094.27684 ADMISSIBLE 13057.17019 CONSTITUTE 13033.94302 MALICE 13009.98187 LEGALITY 13002.387 INQUEST 12781.68508 OBSERVATION 12780.31571 EVASION 12778.06256 EXPENDITURE 12775.4162 CULPABLE 12699.31371 DECIDE 12543.5875 EXCLUDE 12442.4198 ADEQUACY 12432.37187 DEROGATE 12347.58389 TRESPASSER 12325.33619 TRIBUNAL 12241.21948 DURESS 12184.18922 IMPARTIALITY 12147.60674 CALENDAR 11911.40298 CONTEMPLATION 11869.34867 INHABITANT 11866.19724 ERRONEOUS 11692.20519 SUSPICION 11441.87738 PAYEE 11437.62708 CRIMINAL OFFENCE 11352.19014 EXPRESS 11309.94326   |                  |             |
| ASSERTION REBUTTAL 14033.86246 CLAIM 13890.29855 INAPPROPRIATE 13709.76244 JUSTIFY 13628.56621 COGNISANCE 13621.25365 PREROGATIVE 13423.13447 APPLY 13329.44794 ABSCOND 13322.30923 INFER 13285.27003 PREMISE 13094.27684 ADMISSIBLE 13094.27684 ADMISSIBLE 13097.17019 CONSTITUTE 13033.94302 MALICE 13009.98187 LEGALITY 13002.387 INQUEST 0BSERVATION 12781.68508 OBSERVATION 12780.31571 EVASION 12778.06256 EXPENDITURE 12775.4162 CULPABLE 12699.31371 DECIDE 12543.5875 EXCLUDE 12442.4198 ADEQUACY 12432.37187 DEROGATE 12347.58389 TRESPASSER 12325.33619 TRIBUNAL 12241.21948 DURESS 12184.18922 IMPARTIALITY 12147.60674 CALENDAR 11911.40298 CONTEMPLATION 11866.19724 ERRONEOUS 11692.20519 SUSPICION 11441.87738 PAYEE 11437.62708 CRIMINAL OFFENCE 11352.19014 EXPRESS 11309.94326  |                  |             |
| REBUTTAL       14033.86246         CLAIM       13890.29855         INAPPROPRIATE       13709.76244         JUSTIFY       13628.56621         COGNISANCE       13621.25365         PREROGATIVE       13423.13447         APPLY       13329.44794         ABSCOND       13322.30923         INFER       13285.27003         PREMISE       13094.27684         ADMISSIBLE       13057.17019         CONSTITUTE       13033.94302         MALICE       13009.98187         LEGALITY       13002.387         INQUEST       12781.68508         OBSERVATION       12780.31571         EVASION       12778.06256         EXPENDITURE       12775.4162         CULPABLE       12699.31371         DECIDE       12543.5875         EXCLUDE       12442.4198         ADEQUACY       12432.37187         DEROGATE       12347.58389         TRESPASSER       12325.33619         TRIBUNAL       12241.21948         DURESS       12184.18922         IMPARTIALITY       12147.60674         CALENDAR       11911.40298         CONTEMPLATION       11866.19724  |                  |             |
| CLAIM         13890.29855           INAPPROPRIATE         13709.76244           JUSTIFY         13628.56621           COGNISANCE         13621.25365           PREROGATIVE         13423.13447           APPLY         13329.44794           ABSCOND         13322.30923           INFER         13285.27003           PREMISE         13094.27684           ADMISSIBLE         13057.17019           CONSTITUTE         13033.94302           MALICE         13009.98187           LEGALITY         13002.387           INQUEST         12781.68508           OBSERVATION         12780.31571           EVASION         12778.06256           EXPENDITURE         12775.4162           CULPABLE         12699.31371           DECIDE         12543.5875           EXCLUDE         12442.4198           ADEQUACY         12432.37187           DEROGATE         12347.58389           TRESPASSER         12325.33619           TRIBUNAL         12241.21948           DURESS         12184.18922           IMPARTIALITY         12147.60674           CALENDAR         11911.40298           CONTEMPLATION   |                  |             |
| INAPPROPRIATE         13709.76244           JUSTIFY         13628.56621           COGNISANCE         13621.25365           PREROGATIVE         13423.13447           APPLY         13329.44794           ABSCOND         13322.30923           INFER         13285.27003           PREMISE         13094.27684           ADMISSIBLE         13057.17019           CONSTITUTE         13033.94302           MALICE         13009.98187           LEGALITY         13002.387           INQUEST         12781.68508           OBSERVATION         12780.31571           EVASION         12778.06256           EXPENDITURE         12775.4162           CULPABLE         12699.31371           DECIDE         12543.5875           EXCLUDE         12442.4198           ADEQUACY         12432.37187           DEROGATE         12347.58389           TRESPASSER         12325.33619           TRIBUNAL         12241.21948           DURESS         12184.18922           IMPARTIALITY         12147.60674           CALENDAR         11911.40298           CONTEMPLATION         11869.34867           INHABITANT  |                  | 13890.29855 |
| JUSTIFY         13628.56621           COGNISANCE         13621.25365           PREROGATIVE         13423.13447           APPLY         13329.44794           ABSCOND         13322.30923           INFER         13285.27003           PREMISE         13094.27684           ADMISSIBLE         13057.17019           CONSTITUTE         13033.94302           MALICE         13009.98187           LEGALITY         13002.387           INQUEST         12781.68508           OBSERVATION         12780.31571           EVASION         12778.06256           EXPENDITURE         12775.4162           CULPABLE         12699.31371           DECIDE         12543.5875           EXCLUDE         12442.4198           ADEQUACY         12432.37187           DEROGATE         12347.58389           TRESPASSER         12325.33619           TRIBUNAL         12241.21948           DURESS         12184.18922           IMPARTIALITY         12147.60674           CALENDAR         11911.40298           CONTEMPLATION         11869.34867           INHABITANT         11866.19724           ERRONEOUS  |                  |             |
| COGNISANCE         13621.25365           PREROGATIVE         13423.13447           APPLY         13329.44794           ABSCOND         13322.30923           INFER         13285.27003           PREMISE         13094.27684           ADMISSIBLE         13057.17019           CONSTITUTE         13033.94302           MALICE         13009.98187           LEGALITY         13002.387           INQUEST         12781.68508           OBSERVATION         12780.31571           EVASION         12778.06256           EXPENDITURE         12699.31371           DECIDE         12543.5875           EXCLUDE         12442.4198           ADEQUACY         12432.37187           DEROGATE         12347.58389           TRESPASSER         12325.33619           TRIBUNAL         12241.21948           DURESS         12184.18922           IMPARTIALITY         12147.60674           CALENDAR         11911.40298           CONTEMPLATION         11869.34867           INHABITANT         11866.19724           ERRONEOUS         11692.20519           SUSPICION         11441.87738           PAYEE  |                  |             |
| PREROGATIVE 13423.13447 APPLY 13329.44794 ABSCOND 13322.30923 INFER 13285.27003 PREMISE 13094.27684 ADMISSIBLE 13057.17019 CONSTITUTE 13033.94302 MALICE 13009.98187 LEGALITY 13002.387 INQUEST 12781.68508 OBSERVATION 12780.31571 EVASION 12778.06256 EXPENDITURE 12699.31371 DECIDE 12543.5875 EXCLUDE 12442.4198 ADEQUACY 12432.37187 DEROGATE 12347.58389 TRESPASSER 12325.33619 TRIBUNAL 12241.21948 DURESS 12184.18922 IMPARTIALITY 12147.60674 CALENDAR 11911.40298 CONTEMPLATION 11869.34867 INHABITANT 11866.19724 ERRONEOUS 11692.20519 SUSPICION 11441.87738 PAYEE 11437.62708 CRIMINAL OFFENCE 11352.19014 EXPRESS 11309.94326  |                  |             |
| APPLY ABSCOND 13322.30923 INFER 13285.27003 PREMISE 13094.27684 ADMISSIBLE 13057.17019 CONSTITUTE 13033.94302 MALICE 13009.98187 LEGALITY 13002.387 INQUEST 0BSERVATION 12781.68508 OBSERVATION 12778.06256 EXPENDITURE 12699.31371 DECIDE 12543.5875 EXCLUDE 12442.4198 ADEQUACY 12432.37187 DEROGATE 12347.58389 TRESPASSER 12325.33619 TRIBUNAL 12241.21948 DURESS 12184.18922 IMPARTIALITY 12147.60674 CALENDAR 11911.40298 CONTEMPLATION 11869.34867 INHABITANT 11866.19724 ERRONEOUS 11692.20519 SUSPICION 11441.87738 PAYEE 11352.19014 EXPRESS 11309.94326   |                  |             |
| ABSCOND       13322.30923         INFER       13285.27003         PREMISE       13094.27684         ADMISSIBLE       13057.17019         CONSTITUTE       13033.94302         MALICE       13009.98187         LEGALITY       13002.387         INQUEST       12781.68508         OBSERVATION       12780.31571         EVASION       12778.06256         EXPENDITURE       12699.31371         DECIDE       12543.5875         EXCLUDE       12442.4198         ADEQUACY       12432.37187         DEROGATE       12347.58389         TRESPASSER       12325.33619         TRIBUNAL       12241.21948         DURESS       12184.18922         IMPARTIALITY       12147.60674         CALENDAR       11911.40298         CONTEMPLATION       11869.34867         INHABITANT       11866.19724         ERRONEOUS       11692.20519         SUSPICION       11441.87738         PAYEE       11437.62708         CRIMINAL OFFENCE       11352.19014         EXPRESS       11309.94326  |                  |             |
| INFER       13285.27003         PREMISE       13094.27684         ADMISSIBLE       13057.17019         CONSTITUTE       13033.94302         MALICE       13009.98187         LEGALITY       13002.387         INQUEST       12781.68508         OBSERVATION       12780.31571         EVASION       12775.4162         CULPABLE       12699.31371         DECIDE       12543.5875         EXCLUDE       12442.4198         ADEQUACY       12432.37187         DEROGATE       12347.58389         TRESPASSER       12325.33619         TRIBUNAL       12241.21948         DURESS       12184.18922         IMPARTIALITY       12147.60674         CALENDAR       11911.40298         CONTEMPLATION       11869.34867         INHABITANT       11866.19724         ERRONEOUS       11692.20519         SUSPICION       11441.87738         PAYEE       11437.62708         CRIMINAL OFFENCE       11352.19014         EXPRESS       11309.94326  |                  |             |
| PREMISE       13094.27684         ADMISSIBLE       13057.17019         CONSTITUTE       13033.94302         MALICE       13009.98187         LEGALITY       13002.387         INQUEST       12781.68508         OBSERVATION       12780.31571         EVASION       12778.06256         EXPENDITURE       12699.31371         DECIDE       12543.5875         EXCLUDE       12442.4198         ADEQUACY       12432.37187         DEROGATE       12347.58389         TRESPASSER       12325.33619         TRIBUNAL       12241.21948         DURESS       12184.18922         IMPARTIALITY       12147.60674         CALENDAR       11911.40298         CONTEMPLATION       11869.34867         INHABITANT       11866.19724         ERRONEOUS       11692.20519         SUSPICION       11441.87738         PAYEE       11437.62708         CRIMINAL OFFENCE       11352.19014         EXPRESS       11309.94326  |                  |             |
| ADMISSIBLE 13057.17019 CONSTITUTE 13033.94302 MALICE 13009.98187 LEGALITY 13002.387 INQUEST 12781.68508 OBSERVATION 12780.31571 EVASION 12778.06256 EXPENDITURE 12775.4162 CULPABLE 12699.31371 DECIDE 12543.5875 EXCLUDE 12442.4198 ADEQUACY 12432.37187 DEROGATE 12347.58389 TRESPASSER 12325.33619 TRIBUNAL 12241.21948 DURESS 12184.18922 IMPARTIALITY 12147.60674 CALENDAR 11911.40298 CONTEMPLATION 11869.34867 INHABITANT 11866.19724 ERRONEOUS 11692.20519 SUSPICION 11441.87738 PAYEE 11352.19014 EXPRESS 11309.94326   |                  |             |
| CONSTITUTE       13033.94302         MALICE       13009.98187         LEGALITY       13002.387         INQUEST       12781.68508         OBSERVATION       12780.31571         EVASION       12778.06256         EXPENDITURE       12699.31371         DECIDE       12543.5875         EXCLUDE       12442.4198         ADEQUACY       12432.37187         DEROGATE       12347.58389         TRESPASSER       12325.33619         TRIBUNAL       12241.21948         DURESS       12184.18922         IMPARTIALITY       12147.60674         CALENDAR       11911.40298         CONTEMPLATION       11869.34867         INHABITANT       11866.19724         ERRONEOUS       11692.20519         SUSPICION       11441.87738         PAYEE       11437.62708         CRIMINAL OFFENCE       11352.19014         EXPRESS       11309.94326   |                  | 13057.17019 |
| MALICE       13009.98187         LEGALITY       13002.387         INQUEST       12781.68508         OBSERVATION       12780.31571         EVASION       12778.06256         EXPENDITURE       12699.31371         DECIDE       12543.5875         EXCLUDE       12442.4198         ADEQUACY       12432.37187         DEROGATE       12347.58389         TRESPASSER       12325.33619         TRIBUNAL       12241.21948         DURESS       12184.18922         IMPARTIALITY       12147.60674         CALENDAR       11911.40298         CONTEMPLATION       11869.34867         INHABITANT       11866.19724         ERRONEOUS       11692.20519         SUSPICION       11441.87738         PAYEE       11437.62708         CRIMINAL OFFENCE       11352.19014         EXPRESS       11309.94326  |                  |             |
| INQUEST       12781.68508         OBSERVATION       12780.31571         EVASION       12778.06256         EXPENDITURE       12775.4162         CULPABLE       12699.31371         DECIDE       12543.5875         EXCLUDE       12442.4198         ADEQUACY       12432.37187         DEROGATE       12347.58389         TRESPASSER       12325.33619         TRIBUNAL       12241.21948         DURESS       12184.18922         IMPARTIALITY       12147.60674         CALENDAR       11911.40298         CONTEMPLATION       11869.34867         INHABITANT       11866.19724         ERRONEOUS       11692.20519         SUSPICION       11441.87738         PAYEE       11437.62708         CRIMINAL OFFENCE       11352.19014         EXPRESS       11309.94326  |                  |             |
| OBSERVATION         12780.31571           EVASION         12778.06256           EXPENDITURE         12775.4162           CULPABLE         12699.31371           DECIDE         12543.5875           EXCLUDE         12442.4198           ADEQUACY         12432.37187           DEROGATE         12347.58389           TRESPASSER         12325.33619           TRIBUNAL         12241.21948           DURESS         12184.18922           IMPARTIALITY         12147.60674           CALENDAR         11911.40298           CONTEMPLATION         11869.34867           INHABITANT         11866.19724           ERRONEOUS         11692.20519           SUSPICION         11441.87738           PAYEE         11437.62708           CRIMINAL OFFENCE         11352.19014           EXPRESS         11309.94326  | LEGALITY         | 13002.387   |
| EVASION       12778.06256         EXPENDITURE       12775.4162         CULPABLE       12699.31371         DECIDE       12543.5875         EXCLUDE       12442.4198         ADEQUACY       12432.37187         DEROGATE       12347.58389         TRESPASSER       12325.33619         TRIBUNAL       12241.21948         DURESS       12184.18922         IMPARTIALITY       12147.60674         CALENDAR       11911.40298         CONTEMPLATION       11869.34867         INHABITANT       11866.19724         ERRONEOUS       11692.20519         SUSPICION       11441.87738         PAYEE       11437.62708         CRIMINAL OFFENCE       11352.19014         EXPRESS       11309.94326  | INQUEST          | 12781.68508 |
| EXPENDITURE       12775.4162         CULPABLE       12699.31371         DECIDE       12543.5875         EXCLUDE       12442.4198         ADEQUACY       12432.37187         DEROGATE       12347.58389         TRESPASSER       12325.33619         TRIBUNAL       12241.21948         DURESS       12184.18922         IMPARTIALITY       12147.60674         CALENDAR       11911.40298         CONTEMPLATION       11869.34867         INHABITANT       11866.19724         ERRONEOUS       11692.20519         SUSPICION       11441.87738         PAYEE       11437.62708         CRIMINAL OFFENCE       11352.19014         EXPRESS       11309.94326  | OBSERVATION      | 12780.31571 |
| CULPABLE       12699.31371         DECIDE       12543.5875         EXCLUDE       12442.4198         ADEQUACY       12432.37187         DEROGATE       12347.58389         TRESPASSER       12325.33619         TRIBUNAL       12241.21948         DURESS       12184.18922         IMPARTIALITY       12147.60674         CALENDAR       11911.40298         CONTEMPLATION       11869.34867         INHABITANT       11866.19724         ERRONEOUS       11692.20519         SUSPICION       11441.87738         PAYEE       11437.62708         CRIMINAL OFFENCE       11352.19014         EXPRESS       11309.94326   | EVASION          | 12778.06256 |
| DECIDE       12543.5875         EXCLUDE       12442.4198         ADEQUACY       12432.37187         DEROGATE       12347.58389         TRESPASSER       12325.33619         TRIBUNAL       12241.21948         DURESS       12184.18922         IMPARTIALITY       12147.60674         CALENDAR       11911.40298         CONTEMPLATION       11869.34867         INHABITANT       11866.19724         ERRONEOUS       11692.20519         SUSPICION       11441.87738         PAYEE       11437.62708         CRIMINAL OFFENCE       11352.19014         EXPRESS       11309.94326  | EXPENDITURE      | 12775.4162  |
| EXCLUDE       12442.4198         ADEQUACY       12432.37187         DEROGATE       12347.58389         TRESPASSER       12325.33619         TRIBUNAL       12241.21948         DURESS       12184.18922         IMPARTIALITY       12147.60674         CALENDAR       11911.40298         CONTEMPLATION       11869.34867         INHABITANT       11866.19724         ERRONEOUS       11692.20519         SUSPICION       11441.87738         PAYEE       11437.62708         CRIMINAL OFFENCE       11352.19014         EXPRESS       11309.94326  | CULPABLE         | 12699.31371 |
| ADEQUACY 12432.37187 DEROGATE 12347.58389 TRESPASSER 12325.33619 TRIBUNAL 12241.21948 DURESS 12184.18922 IMPARTIALITY 12147.60674 CALENDAR 11911.40298 CONTEMPLATION 11869.34867 INHABITANT 11866.19724 ERRONEOUS 11692.20519 SUSPICION 11441.87738 PAYEE 11437.62708 CRIMINAL OFFENCE 11352.19014 EXPRESS 11309.94326   | DECIDE           | 12543.5875  |
| DEROGATE       12347.58389         TRESPASSER       12325.33619         TRIBUNAL       12241.21948         DURESS       12184.18922         IMPARTIALITY       12147.60674         CALENDAR       11911.40298         CONTEMPLATION       11869.34867         INHABITANT       11866.19724         ERRONEOUS       11692.20519         SUSPICION       11441.87738         PAYEE       11437.62708         CRIMINAL OFFENCE       11352.19014         EXPRESS       11309.94326  | EXCLUDE          | 12442.4198  |
| TRESPASSER       12325.33619         TRIBUNAL       12241.21948         DURESS       12184.18922         IMPARTIALITY       12147.60674         CALENDAR       11911.40298         CONTEMPLATION       11869.34867         INHABITANT       11866.19724         ERRONEOUS       11692.20519         SUSPICION       11441.87738         PAYEE       11437.62708         CRIMINAL OFFENCE       11352.19014         EXPRESS       11309.94326   | ADEQUACY         | 12432.37187 |
| TRIBUNAL 12241.21948 DURESS 12184.18922 IMPARTIALITY 12147.60674 CALENDAR 11911.40298 CONTEMPLATION 11869.34867 INHABITANT 11866.19724 ERRONEOUS 11692.20519 SUSPICION 11441.87738 PAYEE 11437.62708 CRIMINAL OFFENCE 11352.19014 EXPRESS 11309.94326  | DEROGATE         | 12347.58389 |
| DURESS       12184.18922         IMPARTIALITY       12147.60674         CALENDAR       11911.40298         CONTEMPLATION       11869.34867         INHABITANT       11866.19724         ERRONEOUS       11692.20519         SUSPICION       11441.87738         PAYEE       11437.62708         CRIMINAL OFFENCE       11352.19014         EXPRESS       11309.94326   | TRESPASSER       | 12325.33619 |
| IMPARTIALITY       12147.60674         CALENDAR       11911.40298         CONTEMPLATION       11869.34867         INHABITANT       11866.19724         ERRONEOUS       11692.20519         SUSPICION       11441.87738         PAYEE       11437.62708         CRIMINAL OFFENCE       11352.19014         EXPRESS       11309.94326  | TRIBUNAL         | 12241.21948 |
| CALENDAR       11911.40298         CONTEMPLATION       11869.34867         INHABITANT       11866.19724         ERRONEOUS       11692.20519         SUSPICION       11441.87738         PAYEE       11437.62708         CRIMINAL OFFENCE       11352.19014         EXPRESS       11309.94326   | DURESS           | 12184.18922 |
| CONTEMPLATION 11869.34867 INHABITANT 11866.19724 ERRONEOUS 11692.20519 SUSPICION 11441.87738 PAYEE 11437.62708 CRIMINAL OFFENCE 11352.19014 EXPRESS 11309.94326  | IMPARTIALITY     | 12147.60674 |
| INHABITANT       11866.19724         ERRONEOUS       11692.20519         SUSPICION       11441.87738         PAYEE       11437.62708         CRIMINAL OFFENCE       11352.19014         EXPRESS       11309.94326  | CALENDAR         | 11911.40298 |
| ERRONEOUS       11692.20519         SUSPICION       11441.87738         PAYEE       11437.62708         CRIMINAL OFFENCE       11352.19014         EXPRESS       11309.94326   | CONTEMPLATION    | 11869.34867 |
| SUSPICION       11441.87738         PAYEE       11437.62708         CRIMINAL OFFENCE       11352.19014         EXPRESS       11309.94326   | INHABITANT       | 11866.19724 |
| PAYEE 11437.62708<br>CRIMINAL OFFENCE 11352.19014<br>EXPRESS 11309.94326   | ERRONEOUS        | 11692.20519 |
| CRIMINAL OFFENCE 11352.19014<br>EXPRESS 11309.94326  | SUSPICION        | 11441.87738 |
| EXPRESS 11309.94326  | PAYEE            | 11437.62708 |
|  | CRIMINAL OFFENCE | 11352.19014 |
| MISEEASANCE 11303 60167  | EXPRESS          | 11309.94326 |
| 11303.02107  | MISFEASANCE      | 11303.62167 |

| INDICATION             | 10987.32092 |
|------------------------|-------------|
|                        | 10987.32092 |
| ACCRUE                 |             |
| INCONSISTENT           | 10631.6676  |
| IRREDUCIBLE            | 10626.42803 |
| DETERMINE              | 10548.66808 |
| VIOLATION              | 10536.87534 |
| CHAIN                  | 10506.95719 |
| UNQUALIFIED            | 10485.22508 |
| INJUSTICE              | 10481.48319 |
| EFFECTIVE              | 10228.27924 |
| CUSTODIAL              | 10169.95211 |
| PLEAD                  | 10141.45381 |
| ARGUE                  | 10130.73471 |
| ABSOLUTE               | 10115.75281 |
| SOLATIUM               | 10061.7867  |
| DISPROPORTIONATE       | 10006.39646 |
| CONFORMITY             | 9995.189667 |
| ACCRUAL                | 9983.755174 |
| REDEMPTION             | 9974.520703 |
| MISDIRECTION           | 9939.227439 |
| JURISDICTION<br>CLAUSE | 9903.840005 |
| UNLAWFUL               | 9782.755472 |
| DISCRIMINATION         |             |
| CONCURRENT             | 9781.372031 |
| INTERFERE              | 9729.847197 |
| ASCERTAINMENT          | 9703.129764 |
| DENIAL                 | 9662.448565 |
| AMBIGUITY              | 9630.75077  |
| CAUSATIVE              | 9629.090509 |
| PERSUADE               | 9584.124739 |
| EXEMPT                 | 9563.857175 |
| RELY                   | 9483.406146 |
| NEGLECT                | 9476.625172 |
| HEREDITAMENT           | 9355.16657  |
| DISCRIMINATOR          | 9169.941848 |
| GUILT                  | 9150.95333  |
| IMPOSITION             | 9136.52734  |
| STATUTORY<br>PROCEDURE | 9126.142578 |
| RENUNCIATION           | 9073.291148 |
| NOTARY                 | 9003.557439 |
| DOUBT                  | 8969.782826 |
| DISCHARGE              | 8954.219105 |
| TESTATOR               | 8921.177807 |
| ATTRIBUTION            | 8870.669195 |
| IMPUTE                 | 8751.069492 |
|                        | 5.01.007172 |

| REJECT                       | 8741.882553               |
|------------------------------|---------------------------|
| INHERENT                     | 8592.998279               |
| DETAINEE                     | 8559.713855               |
| APPEARANCE                   | 8415.040621               |
| EX TURPI                     | 8381.394618               |
| NULLITY                      | 8367.778388               |
| PROVE                        | 8356.465153               |
| IMMATERIAL                   | 8340.843231               |
| CONTEND                      | 8266.946424               |
| CREDIBILITY                  | 8216.235997               |
| COMPLY                       | 8155.083041               |
| REFUSE                       | 8137.667124               |
| NUPTIAL AGREEMENT            | 8054.335883               |
|                              | 7893.884107               |
| INCONSISTENCY PERSONAL DATUM | 7893.884107<br>7880.46792 |
|                              |                           |
| REASONABLE DOUBT             | 7741.812898               |
| REPUDIATION                  | 7617.533695               |
| CONVICTION                   | 7539.657385               |
| CAPABLE                      | 7510.947034               |
| TORTFEASOR                   | 7437.347728               |
| LAWFULLY                     | 7387.042228               |
| SHAREHOLDER                  | 7314.956715               |
| PROPORTION                   | 7288.047433               |
| DISALLOWANCE                 | 7264.79791                |
| FIXTURE                      | 7235.630525               |
| PROROGATION                  | 7192.904206               |
| PEREMPTORY                   | 7179.530454               |
| DUE COURSE                   | 7173.686885               |
| UNLAWFUL ACT                 | 7153.623464               |
| CONSIGNEE                    | 7130.001174               |
| ONUS                         | 7124.171469               |
| SIGNIFICANT                  | 7121.412092               |
| MONIES                       | 7054.562892               |
| FULFIL                       | 7039.383566               |
| INDEMNIFY                    | 7007.328045               |
| POSSESSION ORDER             | 7006.53817                |
| TESTAMENTARY                 | 7005.020567               |
| COGNIZANCE                   | 6952.597602               |
| ANTECEDENT                   | 6926.379656               |
| CONFESSION                   | 6921.594246               |
| DENY                         | 6917.010697               |
| EXCLUSIVE                    | 6840.179787               |
| JURISDICTION                 |                           |
| GRAVITY                      | 6824.93986                |
| STATUTORY<br>PROVISION       | 6815.511133               |
| I VO A IDIOIA                | <u> </u>                  |

|                      | ı                         |
|----------------------|---------------------------|
| INTEGRITY            | 6800.634167               |
| IMPOSE               | 6799.182595               |
| SEISE                | 6767.15794                |
| PROVISO              | 6764.398186               |
| REASONABLENESS       | 6745.153213               |
| MISBEHAVIOUR         | 6705.429604               |
| JEOPARDY             | 6671.095099               |
| DUE DILIGENCE        | 6666.709751               |
| WITNESS BOX          | 6652.736039               |
| CONTRAVENTION        | 6639.148874               |
| ADJACENT             | 6565.423918               |
| CONSTRUCTIVE         | 6538.025433               |
| TRUST                |                           |
| OUTGOINGS            | 6537.614609               |
| BREACH               | 6528.64733                |
| FORESEEABLE          | 6514.181557               |
| INCOMPATIBILITY      | 6436.541343               |
| NEW EVIDENCE         | 6406.640402               |
| COHABIT              | 6354.992955               |
| EXPULSION            | 6326.89382                |
| CONVICT              | 6265.402531               |
| DISCLAIMER           | 6251.735216               |
| ATTRIBUTABLE         | 6234.338222               |
| INDETERMINATE        | 6229.97861                |
| INTERLOCUTORY        | 6123.467969               |
| REASONABLE<br>GROUND | 6100.378699               |
| PAYER                | 6098.752777               |
| INCRIMINATION        | 6078.572776               |
| EXAMINE              | 6068.38275                |
| BURGLARY             | 6057.675494               |
| PROSECUTE            | 6055.726377               |
| DEMONSTRATE          | 6045.049925               |
| APPLICABILITY        | 5989.032996               |
| WRONGDOER            | 5942.830562               |
| PRACTICABLE          | 5919.439325               |
| RELEVANT EVIDENCE    | 5908.934355               |
| SUPRA                | 5896.445697               |
| UNPERSUASIVE         | 5878.284134               |
| DIVIDEND             | 5847.912509               |
| PECUNIARY            | 5804.362381               |
| REASONABLE PERSON    | 5803.713557               |
| ACT                  | 5791.315257               |
| FALLACY              | 5789.418906               |
| EJECTION             | 5776.494457               |
| CONVEYANCE           | 5738.503837               |
|                      | 1 - 1 - 3 - 3 - 3 - 3 - 7 |

| APPRECIATION       | 5732.7393   |
|--------------------|-------------|
| RESIDUE            | 5709.124845 |
| EXCEPTIONAL        | 5707.784906 |
| CIRCUMSTANCE       |             |
| CONSTRUE           | 5675.016845 |
| INCAPABLE          | 5632.523869 |
| EXPERTISE          | 5616.479935 |
| REPAY              | 5573.475407 |
| CONSISTENCY        | 5570.876582 |
| CONDEMNATION       | 5566.829417 |
| ENABLE             | 5548.785197 |
| WRONGFUL           | 5523.979767 |
| EMOLUMENT          | 5508.325653 |
| BODILY HARM        | 5461.357788 |
| PERPETRATOR        | 5428.857445 |
| DISCLOSE           | 5392.645375 |
| CRIMINAL ACT       | 5375.458581 |
| COMMIT             | 5359.171362 |
| FORENSIC EVIDENCE  | 5324.87409  |
| OCCUPIER           | 5313.692265 |
| ENFORCE            | 5312.091084 |
| ADOPTER            | 5305.986089 |
| COMBINATION        | 5249.608305 |
| ABANDONMENT        | 5177.550532 |
| INTEND             | 5169.697694 |
| INHERENT           |             |
| JURISDICTION       | 5130.804542 |
| EXCULPATORY        | 5103.612623 |
| TRIVIAL            | 5088.788013 |
| COMPLAINANT        | 5050.731321 |
| DEVOLUTION         | 5048.822946 |
| ABOLITION          | 5043.204573 |
| VESTED             | 5023.796883 |
| INCLOSURE          | 5022.073926 |
| UNENFORCEABLE      | 4994.643358 |
| SEX DISCRIMINATION | 4965.99221  |
| INCUR              | 4926.01921  |
| ADJUDICATE         | 4912.89871  |
| RETRIAL            | 4905.494647 |
| ENFORCEABLE        | 4898.393479 |
| UNSATISFACTORY     | 4883.900369 |
| SEOUESTRATION      | 4883.765391 |
| ANIMUS             | 4829.762394 |
| AVER               | 4829.702394 |
| AUDITOR            | 4796.617008 |
|                    |             |
| APPELLANT          | 4784.945565 |

| CRIMINALITY              | 4760.343035 |
|--------------------------|-------------|
| INCOMPATIBLE             | 4758.286615 |
| DISHONEST                | 4757.584424 |
| LAWFUL AUTHORITY         | 4748.379391 |
| RESIDUARY LEGATEE        | 4738.883393 |
| PARTICULAR CASE          | 4734.67674  |
| AGGRAVATING              | 4708.588468 |
| INJURE                   | 4684.123577 |
| LANDOWNER                | 4681.508841 |
| FLAW                     | 4678.179783 |
| CUSTODIAL                | 4642.349308 |
| SENTENCE                 |             |
| INTERVENE                | 4642.10532  |
| DISALLOW                 | 4642.105299 |
| UNFIT                    | 4632.607571 |
| EXPEDITION               | 4616.0838   |
| LACHES                   | 4613.010194 |
| WHIPLASH                 | 4579.019128 |
| IRREGULARITY             | 4557.604384 |
| PROBABLE                 | 4556.762501 |
| DEPORTEE                 | 4554.946698 |
| DRAFTSMAN                | 4553.844469 |
| REVOKE                   | 4548.042276 |
| ALTERATION               | 4546.818012 |
| DESIRABILITY             | 4542.748228 |
| PROPRIETY                | 4537.678429 |
| DPA                      | 4536.788745 |
| SUSPEND                  | 4521.228481 |
| REDEVELOPMENT            | 4521.113007 |
| BENEFICIAL               | 4507.332956 |
| REASONABLE<br>ADJUSTMENT | 4489.413752 |
| DEAL                     | 4483.446913 |
| DEMISE                   | 4478.122402 |
| DISREGARD                | 4471.496382 |
| DESCENT                  | 4404.219868 |
| EARNING                  | 4386.904585 |
| ACCUSATION               | 4383.088966 |
| STRICT LIABILITY         | 4373.982624 |
| BAD FAITH                | 4360.439974 |
| REJECTION                | 4346.309094 |
| DEPRIVE                  | 4345.584234 |
| FRESH EVIDENCE           | 4339.097313 |
| SUBLET                   | 4324.746243 |
| HIRER                    | 4308.479185 |
| INTERVENTION             | 4300.83591  |
| <u>l</u>                 | 1           |

| RESCISSION     | 4274.492294 |
|----------------|-------------|
| CONSIGNOR      | 4268.499698 |
| SERVITUDE      | 4143.586722 |
| CLAIMANT       | 4124.924169 |
| ASCERTAINABLE  | 4101.491829 |
| LEGITIMACY     | 4090.253426 |
| REASONABLE     |             |
| SUSPICION      | 4083.137416 |
| DEDUCT         | 4075.079908 |
| SUPERSESSION   | 4057.844379 |
| QUASH          | 4055.161634 |
| WILFUL         | 4042.25625  |
| CONTROLEE      | 4041.147365 |
| REASONABLE     | 4039.842942 |
| PROSPECT       |             |
| DISCRIMINATORY | 4033.382957 |
| UPHOLD         | 4000.709291 |
| DONEE          | 4000.233184 |
| EXCESSIVE      | 3981.296297 |
| ESTOPPEL       | 3965.990976 |
| MARGIN         | 3947.666083 |
| FIDUCIARY DUTY | 3942.523707 |
| AXIOMATIC      | 3938.804545 |
| EXTANT         | 3922.997461 |
| INFLICT        | 3916.133556 |
| TORTIOUS       | 3902.316702 |
| ONEROUS        | 3893.84995  |
| OBJECTION      | 3877.385776 |
| STATUTORY TEST | 3874.710516 |
| FULFILMENT     | 3857.070997 |
| JUSTICE        | 3825.411071 |
| LAWFUL SPORT   | 3821.528006 |
| PROPORTIONATE  | 3817.738208 |
| DEFAMATORY     | 3797.678666 |
| BUGGERY        | 3793.422716 |
| ACCEDE         | 3781.159131 |
| HOMICIDE       | 3760.173898 |
| INFRINGE       | 3740.973007 |
| INCIDENT       | 3731.231617 |
| ACCORDINGLY    | 3728.696117 |
| BILATERAL      | 3728.674999 |
| INDEBTEDNESS   | 3719.880451 |
| WITHDRAW       | 3714.523108 |
| THREATS        | 3714.364426 |
| LEGITIMATE AIM | 3710.526871 |
| TENEMENT       | 3706.940935 |
| I DI IDIVIDI I | 5700.740733 |

| FAVOURABLE       3692.17809         MITIGATE       3686.67973         PCT       3668.63452         REBUT       3659.89003         APPEAL       3657.25313         EVICT       3656.58473         INTIMIDATION       3650.43844         RESPONSIBILITY       3631.38650         PUTATIVE       3612.50823         DONOR       3606.67940         CONTRACT OF<br>EMPLOYMENT       3592.03260         ARGUABLE CASE       3585.7302         UNMARRIED       3572.20203         JURISDICTIONAL       3569.46793         INDORSEMENT       3561.43373         BEQUEST       3557.19933         CRIMINAL LIABILITY       3546.01750         PARTICIPANT       3544.5247         BURDEN OF PROOF       3515.31773         CONFIRM       3507.65950         BAILEE       3503.4843         STATUTORY<br>ASSUMPTION       3501.4480         IMPRACTICABLE       3496.6438*         ENDORSEMENT       3464.8584*         TERMINATE       3461.9508         EX TURPI CAUSA       3417.55225         INADMISSIBILITY       3383.4761         IMPARTIAL       3360.0803         HABITA | 33<br>26<br>53<br>22<br>58<br>45<br>02<br>34<br>58<br>06 |
|---|--|
| PCT 3668.63452 REBUT 3659.89003 APPEAL 3657.25312 EVICT 3656.58473 INTIMIDATION 3650.43844 RESPONSIBILITY 3631.38650 PUTATIVE 3612.50822 DONOR 3606.67940 CONTRACT OF EMPLOYMENT 3592.03260 JURISDICTIONAL 3569.46792 INDORSEMENT 3561.43372 BEQUEST 3557.19933 CRIMINAL LIABILITY 3546.01750 PARTICIPANT 3544.5247 BURDEN OF PROOF 3515.31772 CONFIRM 3507.65950 BAILEE 3503.4843 STATUTORY ASSUMPTION IMPRACTICABLE 3496.64382 ENDORSEMENT 3464.858433 TERMINATE 3461.9508 EX TURPI CAUSA 3417.55222 INADMISSIBILITY 3388.37472 MANUSCRIPT 3383.47613 IMPARTIAL 3361.86066 UNLAWFULNESS 3360.08033  | 26<br>53<br>22<br>58<br>45<br>02<br>34<br>58<br>06       |
| REBUT       3659.8900:         APPEAL       3657.25312         EVICT       3656.58473         INTIMIDATION       3650.43844         RESPONSIBILITY       3631.38650         PUTATIVE       3612.50823         DONOR       3606.67940         CONTRACT OF EMPLOYMENT       3592.03260         ARGUABLE CASE       3585.7302         UNMARRIED       3572.20203         JURISDICTIONAL       3569.46793         INDORSEMENT       3561.43373         BEQUEST       3557.19933         CRIMINAL LIABILITY       3546.01750         PARTICIPANT       3544.52473         BURDEN OF PROOF       3515.31773         CONFIRM       3507.65950         BAILEE       3503.4843         STATUTORY       3501.4480         IMPRACTICABLE       3496.64383         ENDORSEMENT       3464.85843         TERMINATE       3461.9508         EX TURPI CAUSA       3417.55223         INADMISSIBILITY       3388.37473         MANUSCRIPT       3383.4761         IMPARTIAL       3360.0803   | 53<br>22<br>58<br>45<br>02<br>34<br>58<br>06             |
| APPEAL 3657.25312 EVICT 3656.58473 INTIMIDATION 3650.43844 RESPONSIBILITY 3631.38650 PUTATIVE 3612.50822 DONOR 3606.67940 CONTRACT OF EMPLOYMENT 3592.03260 JURISDICTIONAL 3569.46792 INDORSEMENT 3557.19933 CRIMINAL LIABILITY 3546.01756 PARTICIPANT 3544.5247 BURDEN OF PROOF 3515.31772 CONFIRM 3507.65950 BAILEE 3503.4843 STATUTORY ASSUMPTION 3501.4480 IMPRACTICABLE 3496.64382 ENDORSEMENT 3464.85843 TERMINATE 3461.9508 EX TURPI CAUSA 3417.55222 INADMISSIBILITY 3388.37472 MANUSCRIPT 3383.47611 IMPARTIAL 3361.86066 UNLAWFULNESS 3360.08032  | 222<br>58<br>45<br>02<br>34<br>58<br>06                  |
| EVICT 3656.58473 INTIMIDATION 3650.43844 RESPONSIBILITY 3631.38650 PUTATIVE 3612.50823 DONOR 3606.67940 CONTRACT OF EMPLOYMENT 3592.03260 ARGUABLE CASE 3585.73023 UNMARRIED 3572.20202 JURISDICTIONAL 3569.46793 INDORSEMENT 3561.43373 BEQUEST 3557.19938 CRIMINAL LIABILITY 3546.01750 PARTICIPANT 3544.52473 BURDEN OF PROOF 3515.31772 CONFIRM 3507.65950 BAILEE 3503.4843 STATUTORY 3501.4480 IMPRACTICABLE 3496.64383 ENDORSEMENT 3464.85843 TERMINATE 3461.9508 EX TURPI CAUSA 3417.55223 INADMISSIBILITY 3388.37472 MANUSCRIPT 3383.4761 IMPARTIAL 3361.86066 UNLAWFULNESS 3360.08033  | 58<br>15<br>02<br>34<br>58<br>06<br>12                   |
| INTIMIDATION         3650.43844           RESPONSIBILITY         3631.38650           PUTATIVE         3612.50822           DONOR         3606.67940           CONTRACT OF         3592.03260           EMPLOYMENT         3592.03260           ARGUABLE CASE         3585.7302           UNMARRIED         3572.20202           JURISDICTIONAL         3569.46792           INDORSEMENT         3561.43372           BEQUEST         3557.19933           CRIMINAL LIABILITY         3546.01756           PARTICIPANT         3544.5247           BURDEN OF PROOF         3515.31772           CONFIRM         3507.65950           BAILEE         3503.4843           STATUTORY         3501.4480           ASSUMPTION         3501.4480           IMPRACTICABLE         3496.64382           ENDORSEMENT         3461.9508           EX TURPI CAUSA         3417.55222           INADMISSIBILITY         3388.37472           MANUSCRIPT         3383.47612           IMPARTIAL         3361.86066           UNLAWFULNESS         3360.08032                           | 15<br>02<br>34<br>58<br>06<br>12                         |
| RESPONSIBILITY 3631.38650 PUTATIVE 3612.5082: DONOR 3606.67940 CONTRACT OF EMPLOYMENT 3592.03260 ARGUABLE CASE 3585.7302 UNMARRIED 3572.20202 JURISDICTIONAL 3569.46792 INDORSEMENT 3561.43373 BEQUEST 3557.19938 CRIMINAL LIABILITY 3546.01750 PARTICIPANT 3544.5247 BURDEN OF PROOF 3515.31772 CONFIRM 3507.65950 BAILEE 3503.4843 STATUTORY ASSUMPTION 3501.44802 IMPRACTICABLE 3496.64382 ENDORSEMENT 3464.85843 TERMINATE 3461.9508 EX TURPI CAUSA 3417.55222 INADMISSIBILITY 3388.37472 MANUSCRIPT 3383.47612 IMPARTIAL 3361.86066 UNLAWFULNESS 3360.08032  | 02<br>34<br>58<br>06<br>12                               |
| DONOR         3606.67946           CONTRACT OF EMPLOYMENT         3592.03266           ARGUABLE CASE         3585.7302           UNMARRIED         3572.20202           JURISDICTIONAL         3569.46793           INDORSEMENT         3561.43373           BEQUEST         3557.19938           CRIMINAL LIABILITY         3546.01756           PARTICIPANT         3544.5247           BURDEN OF PROOF         3515.31772           CONFIRM         3507.65956           BAILEE         3503.4843           STATUTORY<br>ASSUMPTION         3501.4480           IMPRACTICABLE         3496.6438           ENDORSEMENT         3464.85848           TERMINATE         3461.9508           EX TURPI CAUSA         3417.55223           INADMISSIBILITY         3388.37473           MANUSCRIPT         3383.47613           IMPARTIAL         3361.86066           UNLAWFULNESS         3360.08035   | 58<br>06<br>12<br>25                                     |
| DONOR         3606.67946           CONTRACT OF EMPLOYMENT         3592.03266           ARGUABLE CASE         3585.7302           UNMARRIED         3572.20202           JURISDICTIONAL         3569.46792           INDORSEMENT         3561.43373           BEQUEST         3557.19933           CRIMINAL LIABILITY         3546.01756           PARTICIPANT         3544.5247           BURDEN OF PROOF         3515.31772           CONFIRM         3507.65956           BAILEE         3503.4843           STATUTORY         3501.4480           ASSUMPTION         3496.64382           ENDORSEMENT         3464.85843           TERMINATE         3461.9508           EX TURPI CAUSA         3417.55222           INADMISSIBILITY         3388.37472           MANUSCRIPT         3383.47612           IMPARTIAL         3361.86066           UNLAWFULNESS         3360.08032   | 58<br>06<br>12<br>25                                     |
| EMPLOYMENT       3592.03266         ARGUABLE CASE       3585.7302         UNMARRIED       3572.20202         JURISDICTIONAL       3569.46792         INDORSEMENT       3561.43372         BEQUEST       3557.19933         CRIMINAL LIABILITY       3546.01756         PARTICIPANT       3544.5247         BURDEN OF PROOF       3515.31772         CONFIRM       3507.65956         BAILEE       3503.4843         STATUTORY<br>ASSUMPTION       3501.4480         IMPRACTICABLE       3496.64382         ENDORSEMENT       3461.9508         EX TURPI CAUSA       3417.55222         INADMISSIBILITY       3388.37472         MANUSCRIPT       3383.47612         IMPARTIAL       3361.86066         UNLAWFULNESS       3360.08032  | 12<br>25   |
| EMPLOYMENT         3585.7302           UNMARRIED         3572.20202           JURISDICTIONAL         3569.46792           INDORSEMENT         3561.43372           BEQUEST         3557.19938           CRIMINAL LIABILITY         3546.01750           PARTICIPANT         3544.5247           BURDEN OF PROOF         3515.31772           CONFIRM         3507.65950           BAILEE         3503.4843           STATUTORY<br>ASSUMPTION         3501.4480           IMPRACTICABLE         3496.64382           ENDORSEMENT         3464.85843           TERMINATE         3461.9508           EX TURPI CAUSA         3417.55222           INADMISSIBILITY         3388.37472           MANUSCRIPT         3383.4761           IMPARTIAL         3360.08032   | 12<br>25   |
| UNMARRIED 3572.20202 JURISDICTIONAL 3569.46792 INDORSEMENT 3561.43373 BEQUEST 3557.19933 CRIMINAL LIABILITY 3546.01756 PARTICIPANT 3544.52473 BURDEN OF PROOF 3515.31772 CONFIRM 3507.65956 BAILEE 3503.4843 STATUTORY ASSUMPTION 3501.44803 IMPRACTICABLE 3496.64383 ENDORSEMENT 3464.85843 TERMINATE 3461.9508 EX TURPI CAUSA 3417.55222 INADMISSIBILITY 3388.37472 MANUSCRIPT 3383.47613 IMPARTIAL 3361.86066 UNLAWFULNESS 3360.08033  | 25   |
| JURISDICTIONAL         3569.46793           INDORSEMENT         3561.43373           BEQUEST         3557.19938           CRIMINAL LIABILITY         3546.01756           PARTICIPANT         3544.5247           BURDEN OF PROOF         3515.31773           CONFIRM         3507.65950           BAILEE         3503.4843           STATUTORY<br>ASSUMPTION         3501.4480           IMPRACTICABLE         3496.64383           ENDORSEMENT         3461.9508           EX TURPI CAUSA         3417.55223           INADMISSIBILITY         3388.37473           MANUSCRIPT         3383.4761           IMPARTIAL         3361.86066           UNLAWFULNESS         3360.08033  |  |
| INDORSEMENT       3561.43373         BEQUEST       3557.19933         CRIMINAL LIABILITY       3546.01756         PARTICIPANT       3544.52473         BURDEN OF PROOF       3515.31772         CONFIRM       3507.65956         BAILEE       3503.48433         STATUTORY       3501.44803         ASSUMPTION       3496.64383         ENDORSEMENT       3464.85843         TERMINATE       3461.9508         EX TURPI CAUSA       3417.55223         INADMISSIBILITY       3388.37473         MANUSCRIPT       3383.47613         IMPARTIAL       3361.86066         UNLAWFULNESS       3360.08033  |  |
| BEQUEST 3557.19938 CRIMINAL LIABILITY 3546.01756 PARTICIPANT 3544.5247 BURDEN OF PROOF 3515.31777 CONFIRM 3507.65956 BAILEE 3503.4843 STATUTORY ASSUMPTION 3501.4480 IMPRACTICABLE 3496.64387 ENDORSEMENT 3464.85848 TERMINATE 3461.9508 EX TURPI CAUSA 3417.55222 INADMISSIBILITY 3388.37477 MANUSCRIPT 3383.4761 IMPARTIAL 3361.86066 UNLAWFULNESS 3360.08035   | _  |
| CRIMINAL LIABILITY       3546.01756         PARTICIPANT       3544.5247         BURDEN OF PROOF       3515.31772         CONFIRM       3507.65956         BAILEE       3503.4843         STATUTORY<br>ASSUMPTION       3501.4480         IMPRACTICABLE       3496.6438         ENDORSEMENT       3464.85843         TERMINATE       3461.9508         EX TURPI CAUSA       3417.55222         INADMISSIBILITY       3388.37472         MANUSCRIPT       3383.4761         IMPARTIAL       3361.86066         UNLAWFULNESS       3360.0803   |  |
| PARTICIPANT       3544.5247         BURDEN OF PROOF       3515.3177         CONFIRM       3507.65950         BAILEE       3503.4843         STATUTORY<br>ASSUMPTION       3501.4480         IMPRACTICABLE       3496.6438         ENDORSEMENT       3461.9508         EX TURPI CAUSA       3417.5522         INADMISSIBILITY       3388.3747         MANUSCRIPT       3383.4761         IMPARTIAL       3361.86066         UNLAWFULNESS       3360.0803   | _  |
| BURDEN OF PROOF 3515.3177.2  CONFIRM 3507.65950  BAILEE 3503.4843  STATUTORY ASSUMPTION 3501.4480.2  IMPRACTICABLE 3496.6438.2  ENDORSEMENT 3464.85843  TERMINATE 3461.9508  EX TURPI CAUSA 3417.5522.2  INADMISSIBILITY 3388.3747.2  MANUSCRIPT 3383.4761.2  IMPARTIAL 3361.86066  UNLAWFULNESS 3360.0803.2  | _  |
| CONFIRM       3507.65950         BAILEE       3503.4843         STATUTORY<br>ASSUMPTION       3501.4480         IMPRACTICABLE       3496.6438'         ENDORSEMENT       3464.85840         TERMINATE       3461.9508         EX TURPI CAUSA       3417.5522'         INADMISSIBILITY       3388.3747'         MANUSCRIPT       3383.4761'         IMPARTIAL       3361.8606         UNLAWFULNESS       3360.0803'  |  |
| BAILEE 3503.4843 STATUTORY ASSUMPTION 3501.4480 IMPRACTICABLE 3496.6438 ENDORSEMENT 3464.85843 TERMINATE 3461.9508 EX TURPI CAUSA 3417.55223 INADMISSIBILITY 3388.37472 MANUSCRIPT 3383.4761 IMPARTIAL 3361.86066 UNLAWFULNESS 3360.08033   | 22   |
| STATUTORY<br>ASSUMPTION       3501.4480         IMPRACTICABLE       3496.6438'         ENDORSEMENT       3464.8584'         TERMINATE       3461.9508         EX TURPI CAUSA       3417.5522'         INADMISSIBILITY       3388.3747'         MANUSCRIPT       3383.4761'         IMPARTIAL       3361.8606'         UNLAWFULNESS       3360.0803'   |  |
| ASSUMPTION IMPRACTICABLE 3496.6438 ENDORSEMENT 3464.85848 TERMINATE 3461.9508 EX TURPI CAUSA INADMISSIBILITY MANUSCRIPT 3383.4761 IMPARTIAL 3361.86066 UNLAWFULNESS 3360.0803   | 3  |
| IMPRACTICABLE       3496.6438°         ENDORSEMENT       3464.85848         TERMINATE       3461.9508         EX TURPI CAUSA       3417.5522°         INADMISSIBILITY       3388.3747°         MANUSCRIPT       3383.4761         IMPARTIAL       3361.86066         UNLAWFULNESS       3360.0803°  | 13   |
| ENDORSEMENT       3464.85848         TERMINATE       3461.9508         EX TURPI CAUSA       3417.55223         INADMISSIBILITY       3388.37473         MANUSCRIPT       3383.47613         IMPARTIAL       3361.86066         UNLAWFULNESS       3360.08033  | 78   |
| EX TURPI CAUSA 3417.55223<br>INADMISSIBILITY 3388.37472<br>MANUSCRIPT 3383.4761<br>IMPARTIAL 3361.86066<br>UNLAWFULNESS 3360.08033  |  |
| INADMISSIBILITY       3388.37472         MANUSCRIPT       3383.4761         IMPARTIAL       3361.86066         UNLAWFULNESS       3360.08033  | <u> </u>   |
| MANUSCRIPT       3383.4761         IMPARTIAL       3361.86066         UNLAWFULNESS       3360.0803  | 36   |
| IMPARTIAL         3361.86066           UNLAWFULNESS         3360.08033  | 23   |
| UNLAWFULNESS 3360.08035   | 17   |
|   |  |
| HABITATION 3357.92942   | 59   |
|   | 24   |
| AUTHOR 3357.87193   | 59   |
| PURPORTED 3353.52000  | )4   |
| ADVERSE EFFECT 3347.93114   | 18   |
| ORDER FOR 3343.4009   |  |
| POSSESSION  | 52   |
| INVOKE 3325.4282  |  |
| REIMBURSEMENT 3293.08982  | 36   |
| DEFICIENCY 3290.9656  | 36   |
| ROBBERY 3266.7714   | 36<br>2<br>76  |
| MATRILINEAL 3255.2291   | 36<br>2<br>76  |
| DISSENT 3243.87189  | 36<br>2<br>76<br>13                                      |
| IMPARTIAL TRIBUNAL 3243.44288 SUBSTITUTION  | 36<br>2<br>76<br>13<br>76                                |
| CLAUSE 3233.14979   | 36<br>2<br>76<br>13<br>76                                |

| ADJOURN                | 3231.355338 |
|------------------------|-------------|
| CONFINEMENT            | 3227.448451 |
| SUCCESSOR              | 3205.167762 |
| HARMFUL                | 3198.212328 |
| PERMISSIBLE            | 3197.89955  |
| APPARATUS              | 3190.297371 |
| CONTROVERSY            | 3189.602762 |
| BREACH OF CLAUSE       | 3187.081327 |
| ACCREDITATION          | 3183.369187 |
| ACCEPTABLE             | 3172.22741  |
| COMMON GROUND          | 3168.48596  |
| PREVAIL                | 3162.797677 |
| MESNE                  | 3153.355992 |
| LIMITATION PERIOD      | 3153.315967 |
| LESSER                 | 3148.592214 |
| CONSENSUS              | 3143.891661 |
| INDEMNITY CLAUSE       | 3143.891001 |
|                        |             |
| DISTRIBUTOR            | 3136.64045  |
| LEGACY                 | 3127.269122 |
| ABETTOR                | 3126.67162  |
| UNJUSTIFIED            | 3120.853053 |
| STATUTORY DEMAND       | 3117.360659 |
| JUDICIAL DECISION      | 3115.358659 |
| ARGUABLY               | 3115.137014 |
| SUFFICIENT<br>EVIDENCE | 3100.33273  |
| CRIMINAL PROPERTY      | 3096.443363 |
| INCRIMINATE            | 3084.194654 |
| ALLEGE                 | 3071.577629 |
| FACTUAL BASIS          | 3062.791739 |
| MALADMINISTRATION      | 3060.80002  |
| TRUST                  | 3060.728391 |
| HOUSEHOLD              | 3058.120234 |
| IMMIGRANT              | 3051.220783 |
| REASONABLE CAUSE       | 3043.942285 |
| UNDESIRABLE            | 3038.152776 |
| MALICIOUS              | 3032.32696  |
| COERCION               | 3031.832103 |
| THEREBY                | 3025.11155  |
| SPECIAL ADVOCATE       | 3013.889537 |
| UNARGUABLE             | 3011.030429 |
| CONCEAL                | 3010.044078 |
| COGENT EVIDENCE        | 3004.644815 |
| INFLICTION             | 2999.737878 |
| CULPABLE HOMICIDE      | 2997.820694 |
| DEFAULT JUDGMENT       | 2986.108533 |
| ZZI IIOZI VODOMENI     |             |

| PRECONDITION   | 2985.659764  |
|--|--|
| SEEKER   | 2975.480502  |
| PARTICULAR   | 2973.480302  |
| CIRCUMSTANCE   | 2973.037788  |
| CORRECTNESS  | 2968.139334  |
| INDECENCY  | 2964.664878  |
| DEROGANT   | 2963.110624  |
| MAIN JUDGMENT  | 2951.205661  |
| RELEVANT TIME  | 2949.680843  |
| CRIMINAL   | 2922.646613  |
| FALSEHOOD  | 2900.427637  |
| STATUTORY  | 2886.153855  |
| CONSTRUCTION   | 2880.133833  |
| NULLIFICATION  | 2864.586688  |
| ABIDE  | 2857.1408  |
| LEGAL TEST   | 2854.916164  |
| FORFEIT  | 2840.703923  |
| SUFFER   | 2838.582457  |
| EFFLUXION  | 2829.853593  |
| PROFESSIONAL<br>PRIVILEGE  | 2818.931194  |
| EFFECTIVENESS  | 2814.295579  |
| STATUTORY POWER  | 2811.546076  |
| IRRECONCILABLE   | 2805.703956  |
| EVIDENCE   | 2805.657392  |
| EXTRINSIC EVIDENCE   | 2801.895582  |
| FULL AGREEMENT   | 2779.796892  |
| EXAMINATION  | 2777.396057  |
| LIMIT WILL TO IT   |  |
| MITIGATING   | 2769.630402  |
|  | 2769.630402<br>2767.602955   |
| MITIGATING   |  |
| MITIGATING<br>FRESH CLAIM  | 2767.602955  |
| MITIGATING FRESH CLAIM LIQUID INNUENDO   | 2767.602955<br>2756.67838  |
| MITIGATING FRESH CLAIM LIQUID  | 2767.602955<br>2756.67838<br>2755.90498  |
| MITIGATING FRESH CLAIM LIQUID INNUENDO CONCUR  | 2767.602955<br>2756.67838<br>2755.90498<br>2749.069678   |
| MITIGATING FRESH CLAIM LIQUID INNUENDO CONCUR WEDLOCK  | 2767.602955<br>2756.67838<br>2755.90498<br>2749.069678<br>2744.714571  |
| MITIGATING FRESH CLAIM LIQUID INNUENDO CONCUR WEDLOCK GRIEVOUS   | 2767.602955<br>2756.67838<br>2755.90498<br>2749.069678<br>2744.714571<br>2739.376204   |
| MITIGATING FRESH CLAIM LIQUID INNUENDO CONCUR WEDLOCK GRIEVOUS SEGREGATION   | 2767.602955<br>2756.67838<br>2755.90498<br>2749.069678<br>2744.714571<br>2739.376204<br>2736.183384  |
| MITIGATING FRESH CLAIM LIQUID INNUENDO CONCUR WEDLOCK GRIEVOUS SEGREGATION DETERIORATION   | 2767.602955<br>2756.67838<br>2755.90498<br>2749.069678<br>2744.714571<br>2739.376204<br>2736.183384<br>2711.756813<br>2709.708177  |
| MITIGATING FRESH CLAIM LIQUID INNUENDO CONCUR WEDLOCK GRIEVOUS SEGREGATION DETERIORATION INCONVENIENCE CONVENIENT  | 2767.602955<br>2756.67838<br>2755.90498<br>2749.069678<br>2744.714571<br>2739.376204<br>2736.183384<br>2711.756813<br>2709.708177<br>2695.58331  |
| MITIGATING FRESH CLAIM LIQUID INNUENDO CONCUR WEDLOCK GRIEVOUS SEGREGATION DETERIORATION INCONVENIENCE   | 2767.602955<br>2756.67838<br>2755.90498<br>2749.069678<br>2744.714571<br>2739.376204<br>2736.183384<br>2711.756813<br>2709.708177<br>2695.58331<br>2694.821007   |
| MITIGATING FRESH CLAIM LIQUID INNUENDO CONCUR WEDLOCK GRIEVOUS SEGREGATION DETERIORATION INCONVENIENCE CONVENIENT ERROR OF LAW   | 2767.602955<br>2756.67838<br>2755.90498<br>2749.069678<br>2744.714571<br>2739.376204<br>2736.183384<br>2711.756813<br>2709.708177<br>2695.58331  |
| MITIGATING FRESH CLAIM LIQUID INNUENDO CONCUR WEDLOCK GRIEVOUS SEGREGATION DETERIORATION INCONVENIENCE CONVENIENT ERROR OF LAW POSSESSION  | 2767.602955<br>2756.67838<br>2755.90498<br>2749.069678<br>2744.714571<br>2739.376204<br>2736.183384<br>2711.756813<br>2709.708177<br>2695.58331<br>2694.821007   |
| MITIGATING FRESH CLAIM LIQUID INNUENDO CONCUR WEDLOCK GRIEVOUS SEGREGATION DETERIORATION INCONVENIENCE CONVENIENT ERROR OF LAW POSSESSION PROCEEDING                                     | 2767.602955<br>2756.67838<br>2755.90498<br>2749.069678<br>2744.714571<br>2739.376204<br>2736.183384<br>2711.756813<br>2709.708177<br>2695.58331<br>2694.821007<br>2692.895014  |
| MITIGATING FRESH CLAIM LIQUID INNUENDO CONCUR WEDLOCK GRIEVOUS SEGREGATION DETERIORATION INCONVENIENCE CONVENIENT ERROR OF LAW POSSESSION PROCEEDING SATISFACTORY                        | 2767.602955<br>2756.67838<br>2755.90498<br>2749.069678<br>2744.714571<br>2739.376204<br>2736.183384<br>2711.756813<br>2709.708177<br>2695.58331<br>2694.821007<br>2692.895014<br>2691.809724                               |
| MITIGATING FRESH CLAIM LIQUID INNUENDO CONCUR WEDLOCK GRIEVOUS SEGREGATION DETERIORATION INCONVENIENCE CONVENIENT ERROR OF LAW POSSESSION PROCEEDING SATISFACTORY ENEMY                  | 2767.602955<br>2756.67838<br>2755.90498<br>2749.069678<br>2744.714571<br>2739.376204<br>2736.183384<br>2711.756813<br>2709.708177<br>2695.58331<br>2694.821007<br>2692.895014<br>2691.809724<br>2688.877847                |
| MITIGATING FRESH CLAIM LIQUID INNUENDO CONCUR WEDLOCK GRIEVOUS SEGREGATION DETERIORATION INCONVENIENCE CONVENIENT ERROR OF LAW POSSESSION PROCEEDING SATISFACTORY ENEMY VAT REGISTRATION | 2767.602955<br>2756.67838<br>2755.90498<br>2749.069678<br>2744.714571<br>2739.376204<br>2736.183384<br>2711.756813<br>2709.708177<br>2695.58331<br>2694.821007<br>2692.895014<br>2691.809724<br>2688.877847<br>2685.564202 |

| OBSTRUCTION               | 2665.757115 |
|---------------------------|-------------|
| COMPARABLE                | 2650.563667 |
| HYBRID AUTHORITY          | 2648.811439 |
| GENUINENESS               | 2641.670705 |
| CRIMINAL TRIAL            |             |
|                           | 2636.758439 |
| INNOCENCE<br>SPECIAL      | 2616.976971 |
| CIRCUMSTANCE              | 2616.911408 |
| ORAL SUBMISSION           | 2615.995158 |
| INTESTACY                 | 2609.191019 |
| LAWFUL DETENTION          | 2597.729202 |
| WAIVE                     | 2587.660666 |
| RATEABLE                  | 2578.196095 |
| THEREOF                   | 2570.904393 |
| INSUFFICIENCY             | 2565.903578 |
| INADEQUATE                | 2552.521741 |
| EXTRADITE                 | 2545.721676 |
| DETERMINATE               | 2538.726071 |
| SENTENCE                  | 2336.720071 |
| JUDGMENT DEBT             | 2534.323392 |
| MATRIMONIAL HOME          | 2528.885457 |
| LAY                       | 2526.497603 |
| SUBORDINATE               | 2525.347885 |
| RELEVANT PROVISION        | 2521.201598 |
| JUSTIFIABLE               | 2519.872098 |
| INSUFFICIENT<br>EVIDENCE  | 2513.938995 |
| MISDIRECT                 | 2511.799349 |
| COURT                     | 2503.815875 |
| NEGOTIATION               | 2498.537332 |
| LEGITIMATE<br>EXPECTATION | 2493.97021  |
| CHARTERER                 | 2464.043328 |
| CAUSAL CONNECTION         | 2458.413253 |
| PATENTEE                  | 2457.724211 |
| EXPRESSLY                 | 2453.04087  |
| CREDIBLE                  | 2450.432804 |
| FRAUDULENT                | 2449.00851  |
| EVASION<br>EXIGENCY       | 2443.165186 |
| FLAGRANT                  | 2438.835717 |
| COGENCY                   | 2438.833717 |
| CERTIFY                   |             |
|                           | 2407.110358 |
| APPREHENSION              | 2404.198114 |
| REVEAL                    | 2401.390935 |
| MISCHIEF                  | 2382.773192 |
| NATURAL JUSTICE           | 2376.415029 |
| HEARING                   | 2375.8187   |

| OBJECTOR                  | 2373.907461 |
|---------------------------|-------------|
| HEADNOTE                  | 2370.851503 |
| UNLAWFULLY                | 2370.631303 |
| SUPERSEDE                 | 2366.542387 |
|                           |             |
| DENOTE                    | 2361.248192 |
| RELEVANT PROPERTY         | 2358.38777  |
| REVISE                    | 2356.835607 |
| JUDICIAL DISCRETION       | 2353.891627 |
| FORESEE                   | 2350.303505 |
| VICARIOUSLY               | 2349.036288 |
| KEEPER                    | 2343.337029 |
| LEGAL CERTAINTY           | 2337.269289 |
| STATUTORY<br>LANGUAGE     | 2332.567561 |
| EFFICACY                  | 2321.006615 |
| JOINT ENTERPRISE          | 2312.377204 |
| INSOLVENT                 | 2298.706389 |
| CRIMINAL STANDARD         | 2294.91227  |
| ATTRIBUTE                 | 2286.792326 |
| INSERTION                 | 2283.716155 |
| INDETERMINATE<br>SENTENCE | 2281.797099 |
| STATUTORY<br>DEFINITION   | 2275.69576  |
| EXPERT EVIDENCE           | 2271.795159 |
| MISAPPROPRIATION          | 2264.963288 |
| PROHIBIT                  | 2261.908121 |
| MECHANISM                 | 2254.102208 |
| STATUTORY PURPOSE         | 2249.815343 |
| TENOR                     | 2246.839571 |
| EXCLUSIVE<br>COGNISANCE   | 2242.10522  |
| REMEDIAL                  | 2241.05402  |
| MENTAL DISORDER           | 2238.997563 |
| ENACT                     | 2235.568817 |
| BEREAVEMENT               | 2221.62283  |
| ADVERSE POSSESSION        | 2218.649035 |
| ASSERT                    | 2212.223032 |
| UNFETTERED                | 2206.925889 |
|                           |             |
| RELEVANT CLAUSE           | 2206.310326 |
| CONCURRENCE               | 2205.657873 |
| ACQUIESCENCE              | 2204.621646 |
| ANCILLARY RIGHT           | 2189.010465 |
| INTEREST OF JUSTICE       | 2180.781184 |
| MTIC FRAUD                | 2180.341186 |
| CONSUMPTION               | 2178.221984 |
| EXPRESS EASEMENT          | 2168.286208 |

| TESTATRIX   | 2159.99544   |
|---|--|
| PUBLIC DOMAIN   | 2155.583406  |
| QBD   | 2153.44404   |
| DELIBERATE  | 2152.485512  |
| UNAMENDED   | 2150.795979  |
| CONTRAVENE  | 2147.31918   |
| DIRECT EVIDENCE   | 2140.421791  |
| INCOMPETENT   | 2136.844953  |
| PRIVILEGED  | 2134.715746  |
| PROBATIVE   | 2132.922605  |
| EMPLOYMENT  | 2121.523287  |
| CONNEXION   | 2119.663913  |
| RACIAL  |  |
| DISCRIMINATION  | 2104.817745  |
| COLLECTIVE  | 2097.888241  |
| ENFRANCHISEMENT   |  |
| LEGAL PROCEEDING  | 2095.985744  |
| BALANCE OF<br>PROBABILITY   | 2094.702104  |
| CONSIGNMENT   | 2089.87153   |
| ASSIGN  | 2088.241276  |
| REPRESENT   | 2081.452806  |
| MAINTAIN  | 2074.063911  |
| LEGAL PRIVILEGE   | 2071.340753  |
| MILICATIONA   | 2070 07451   |
| NUGATORY  | 2070.07451   |
| NEXUS   | 2070.07451   |
|   |  |
| NEXUS   | 2068.397616  |
| NEXUS<br>AFFIDAVIT EVIDENCE   | 2068.397616<br>2062.337171   |
| NEXUS AFFIDAVIT EVIDENCE QUANTIFICATION   | 2068.397616<br>2062.337171<br>2058.25439   |
| NEXUS AFFIDAVIT EVIDENCE QUANTIFICATION PRESCRIPTIVE  | 2068.397616<br>2062.337171<br>2058.25439<br>2056.18427   |
| NEXUS AFFIDAVIT EVIDENCE QUANTIFICATION PRESCRIPTIVE VINDICATION  | 2068.397616<br>2062.337171<br>2058.25439<br>2056.18427<br>2054.745328  |
| NEXUS AFFIDAVIT EVIDENCE QUANTIFICATION PRESCRIPTIVE VINDICATION GRAVAMEN   | 2068.397616<br>2062.337171<br>2058.25439<br>2056.18427<br>2054.745328<br>2050.223626   |
| NEXUS AFFIDAVIT EVIDENCE QUANTIFICATION PRESCRIPTIVE VINDICATION GRAVAMEN IMPRACTICAL   | 2068.397616<br>2062.337171<br>2058.25439<br>2056.18427<br>2054.745328<br>2050.223626<br>2048.203266  |
| NEXUS AFFIDAVIT EVIDENCE QUANTIFICATION PRESCRIPTIVE VINDICATION GRAVAMEN IMPRACTICAL INVESTIGATE   | 2068.397616<br>2062.337171<br>2058.25439<br>2056.18427<br>2054.745328<br>2050.223626<br>2048.203266<br>2048.113485<br>2046.380157  |
| NEXUS AFFIDAVIT EVIDENCE QUANTIFICATION PRESCRIPTIVE VINDICATION GRAVAMEN IMPRACTICAL INVESTIGATE ULTERIOR FETTER   | 2068.397616<br>2062.337171<br>2058.25439<br>2056.18427<br>2054.745328<br>2050.223626<br>2048.203266<br>2048.113485<br>2046.380157<br>2042.211399   |
| NEXUS  AFFIDAVIT EVIDENCE  QUANTIFICATION  PRESCRIPTIVE  VINDICATION  GRAVAMEN  IMPRACTICAL  INVESTIGATE  ULTERIOR  FETTER  EXCEPTIONALITY  | 2068.397616<br>2062.337171<br>2058.25439<br>2056.18427<br>2054.745328<br>2050.223626<br>2048.203266<br>2048.113485<br>2046.380157<br>2042.211399<br>2041.146417  |
| NEXUS AFFIDAVIT EVIDENCE QUANTIFICATION PRESCRIPTIVE VINDICATION GRAVAMEN IMPRACTICAL INVESTIGATE ULTERIOR FETTER   | 2068.397616<br>2062.337171<br>2058.25439<br>2056.18427<br>2054.745328<br>2050.223626<br>2048.203266<br>2048.113485<br>2046.380157<br>2042.211399<br>2041.146417<br>2039.708592   |
| NEXUS AFFIDAVIT EVIDENCE QUANTIFICATION PRESCRIPTIVE VINDICATION GRAVAMEN IMPRACTICAL INVESTIGATE ULTERIOR FETTER EXCEPTIONALITY JUDICIAL AUTHORITY   | 2068.397616<br>2062.337171<br>2058.25439<br>2056.18427<br>2054.745328<br>2050.223626<br>2048.203266<br>2048.113485<br>2046.380157<br>2042.211399<br>2041.146417  |
| NEXUS AFFIDAVIT EVIDENCE QUANTIFICATION PRESCRIPTIVE VINDICATION GRAVAMEN IMPRACTICAL INVESTIGATE ULTERIOR FETTER EXCEPTIONALITY JUDICIAL AUTHORITY FAVOURABLE  | 2068.397616<br>2062.337171<br>2058.25439<br>2056.18427<br>2054.745328<br>2050.223626<br>2048.203266<br>2048.113485<br>2046.380157<br>2042.211399<br>2041.146417<br>2039.708592   |
| NEXUS AFFIDAVIT EVIDENCE QUANTIFICATION PRESCRIPTIVE VINDICATION GRAVAMEN IMPRACTICAL INVESTIGATE ULTERIOR FETTER EXCEPTIONALITY JUDICIAL AUTHORITY FAVOURABLE TREATMENT  | 2068.397616<br>2062.337171<br>2058.25439<br>2056.18427<br>2054.745328<br>2050.223626<br>2048.203266<br>2048.113485<br>2046.380157<br>2042.211399<br>2041.146417<br>2039.708592<br>2025.993611  |
| NEXUS AFFIDAVIT EVIDENCE QUANTIFICATION PRESCRIPTIVE VINDICATION GRAVAMEN IMPRACTICAL INVESTIGATE ULTERIOR FETTER EXCEPTIONALITY JUDICIAL AUTHORITY FAVOURABLE TREATMENT CHATTEL SPECIAL  | 2068.397616<br>2062.337171<br>2058.25439<br>2056.18427<br>2054.745328<br>2050.223626<br>2048.203266<br>2048.113485<br>2046.380157<br>2042.211399<br>2041.146417<br>2039.708592<br>2025.993611<br>2021.891216   |
| NEXUS AFFIDAVIT EVIDENCE QUANTIFICATION PRESCRIPTIVE VINDICATION GRAVAMEN IMPRACTICAL INVESTIGATE ULTERIOR FETTER EXCEPTIONALITY JUDICIAL AUTHORITY FAVOURABLE TREATMENT CHATTEL SPECIAL ADJUDICATOR  | 2068.397616<br>2062.337171<br>2058.25439<br>2056.18427<br>2054.745328<br>2050.223626<br>2048.203266<br>2048.113485<br>2046.380157<br>2042.211399<br>2041.146417<br>2039.708592<br>2025.993611<br>2021.891216<br>2019.806079  |
| NEXUS AFFIDAVIT EVIDENCE QUANTIFICATION PRESCRIPTIVE VINDICATION GRAVAMEN IMPRACTICAL INVESTIGATE ULTERIOR FETTER EXCEPTIONALITY JUDICIAL AUTHORITY FAVOURABLE TREATMENT CHATTEL SPECIAL ADJUDICATOR DECISIVE                                   | 2068.397616<br>2062.337171<br>2058.25439<br>2056.18427<br>2054.745328<br>2050.223626<br>2048.203266<br>2048.113485<br>2046.380157<br>2042.211399<br>2041.146417<br>2039.708592<br>2025.993611<br>2021.891216<br>2019.806079<br>2017.638106                               |
| NEXUS  AFFIDAVIT EVIDENCE  QUANTIFICATION  PRESCRIPTIVE  VINDICATION  GRAVAMEN  IMPRACTICAL  INVESTIGATE  ULTERIOR  FETTER  EXCEPTIONALITY  JUDICIAL AUTHORITY  FAVOURABLE  TREATMENT  CHATTEL  SPECIAL  ADJUDICATOR  DECISIVE  UNDUE INFLUENCE | 2068.397616<br>2062.337171<br>2058.25439<br>2056.18427<br>2054.745328<br>2050.223626<br>2048.203266<br>2048.113485<br>2046.380157<br>2042.211399<br>2041.146417<br>2039.708592<br>2025.993611<br>2021.891216<br>2019.806079<br>2017.638106<br>2010.754616<br>2006.539589 |
| NEXUS AFFIDAVIT EVIDENCE QUANTIFICATION PRESCRIPTIVE VINDICATION GRAVAMEN IMPRACTICAL INVESTIGATE ULTERIOR FETTER EXCEPTIONALITY JUDICIAL AUTHORITY FAVOURABLE TREATMENT CHATTEL SPECIAL ADJUDICATOR DECISIVE UNDUE INFLUENCE ENFRANCHISE       | 2068.397616<br>2062.337171<br>2058.25439<br>2056.18427<br>2054.745328<br>2050.223626<br>2048.203266<br>2048.113485<br>2046.380157<br>2042.211399<br>2041.146417<br>2039.708592<br>2025.993611<br>2021.891216<br>2019.806079<br>2017.638106<br>2010.754616                |

| FREEHOLD         | 1993.198092    |
|------------------|----------------|
| DOMINANT         | 1985.512232    |
| PROHIBIT         | 1982.081981    |
| DISCRIMINATE     | 1964.959534    |
| PURVIEW          | 1964.889639    |
| EXECUTE          | 1957.371287    |
| RELEVANT         | 1937.371267    |
| AUTHORITY        | 1953.618876    |
| STATUTORY CODE   | 1952.076041    |
| PRESCRIBE        | 1949.368237    |
| EXCUSABLE        | 1948.282515    |
| CONSPIRATOR      | 1942.367885    |
| UNAMBIGUOUS      | 1939.93049     |
| CRIMINAL ACT     | 1939.851808    |
| MATERIAL TIME    | 1934.857892    |
| KINSHIP          | 1934.723925    |
| PERSUASIVE       | 1930.647062    |
| INVESTIGATOR     | 1929.407647    |
| LAWFUL CUSTODY   | 1926.638077    |
| DISMISSAL        | 1925.137601    |
| PROCEDURE        |                |
| RATEABLE VALUE   | 1922.921898    |
| MOVE             | 1917.304133    |
| REMITTANCE       | 1914.136692    |
| WITNESS EVIDENCE | 1913.2247      |
| CONTRACTOR       | 1912.147316    |
| NOMINAL          | 1910.92987     |
| REALISABLE       | 1908.009118    |
| PROPERTY<br>LIEN | 1906.99208     |
| COMPULSORY       |                |
| ACQUISITION      | 1903.423636    |
| EFFECTIVE DATE   | 1894.171941    |
| IRREPARABLE      | 1893.728357    |
| RESIGNATION      | 1891.284176    |
| PROCEDURE        | 1889.699582    |
| PERPETUITY       | 1881.877071    |
| INSTRUCT         | 1880.086862    |
| SFO              | 1874.587084    |
| SERIOUS BREACH   | 1871.14976     |
| LAW OFFENCE      | 1857.909251    |
| REPATRIATION     | 1854.528749    |
| IRREVOCABLE      | 1845.339106    |
| PROXY            | 1843.366679    |
| INCIDENTAL       | 1834.315062    |
| PROSPECTIVE      | 1831.497642    |
| INTRUSION        | 1824.394149    |
|                  | 102 1107 11 17 |

| PREJUDICIAL                     | 1822.054353                |
|---------------------------------|----------------------------|
| PROVOCATION                     | 1808.359175                |
| COMPLAIN                        | 1806.701091                |
| REBUTTABLE                      | 1805.670535                |
| OMIT                            | 1786.959926                |
| STATUTORY TIME                  | 1776.643558                |
| OPPRESSIVE                      | 1773.68223                 |
| INFIRMITY                       | 1769.37818                 |
| EVIDENT                         | 1761.682144                |
| REDEEM                          | 1761.530771                |
| EXTEMPORE                       | 1750.759899                |
| JUDGMENT                        |                            |
| CONSCRIPT                       | 1745.471297                |
| CONSANGUINITY                   | 1741.008615                |
| JUDICIAL                        | 1738.93781                 |
| EXERCISE                        | 1738.07524                 |
| BAILOR                          | 1737.380755                |
| SOLEMN                          | 1731.908101                |
| CONSULT                         | 1731.515783                |
| COMMITMENT                      | 1730.814692                |
| MATERIALITY                     | 1725.227042                |
| IDENTIFIABLE  MENTAL IMPAIRMENT | 1724.266461<br>1723.675504 |
| FAIR HEARING                    | 1723.673304                |
| INPUT TAX                       | 1717.027877                |
| ENVISAGE                        | 1717.027877                |
| UNDULY                          | 1710.094219                |
| REGULATOR                       | 1709.731162                |
| UNQUALIFIED RIGHT               | 1708.953108                |
| STATUTORY OFFENCE               | 1707.664536                |
| INSURANCE                       |                            |
| CONTRACT                        | 1707.423518                |
| FORESEEABILITY                  | 1700.577169                |
| CONVENTION                      | 1700.509621                |
| LAWFUL RESIDENCE                | 1697.260063                |
| AMENABLE                        | 1695.268872                |
| DEFEND                          | 1689.396862                |
| CRIMINAL CHARGE                 | 1689.31132                 |
| TERM OF TRUST                   | 1687.505604                |
| SUBORDINATION                   | 1677.875788                |
| UNPERSUADE                      | 1675.361632                |
| CRIMINAL<br>JURISDICTION        | 1672.635798                |
| VOIDABLE                        | 1670.386597                |
| RETAIN                          | 1666.778091                |
| PROMISSORY                      | 1659.595744                |
| PROMISSORY                      | 1658.885049                |
|                                 |                            |

| ESTOPPEL                |             |
|-------------------------|-------------|
| DETAIN                  | 1656.877677 |
| HAZARDOUS               | 1655.647647 |
| RSC                     | 1651.498616 |
| REVERSION               | 1650.242235 |
| UNOBJECTIONABLE         | 1647.824391 |
| FIXATION                | 1647.10831  |
| POTENTIAL               | 1645.575633 |
| PATERNITY               | 1642.614295 |
| DAMAGE                  | 1638.909017 |
| OUANTUM JUDGMENT        | 1638.863286 |
| RETROSPECTIVITY         | 1638.443209 |
| VOLITION                | 1637.993182 |
| DEVOID                  | 1637.977123 |
| IMPRACTICALITY          | 1637.977123 |
| PROMULGATE              |             |
|                         | 1626.859562 |
| CONCEALMENT             | 1626.756904 |
| ADJUDICATOR             | 1621.969539 |
| CRIMINAL PROSECUTION    | 1621.880819 |
| NEPOTISM                | 1619.772465 |
| ARTICLE                 | 1613.383337 |
| PENDENCY                | 1612.56415  |
| LEGAL ASSISTANCE        | 1606.245281 |
| RATIONAL                | 1606.208288 |
| COMPETENCY              | 1604.936225 |
| LEGAL<br>REPRESENTATIVE | 1601.928177 |
| DEBENTURE               | 1596.35286  |
| BREACH OF TRUST         | 1595.754743 |
| PERSUASION              | 1592.911442 |
| ADVERSE INFERENCE       | 1587.393969 |
| WRONGFUL ACT            | 1587.008356 |
| PRIVATE LAW             | 1583.849495 |
| DIVERSION               | 1583.252672 |
| REVERSAL                | 1581.301422 |
| EXTRADITION<br>OFFENCE  | 1579.449588 |
| DEPRECIATION            | 1577.702082 |
| DILATORINESS            | 1577.218419 |
| INALIENABLE             | 1575.777737 |
| INEFFECTIVE             | 1575.416934 |
| HEAR                    | 1573.472005 |
| SERIOUS INJURY          | 1570.90851  |
| FINAL JUDGMENT          | 1568.104282 |
| LEGAL DUTY              | 1567.643149 |
| EXEQUATUR               | 1566.155806 |
| Lingoinon               | 1500.155000 |

| RELIABLE WITNESS       | 1565.227095  |
|------------------------|--------------|
| CONFESS                | 1564.446433  |
| CONFINE                | 1564.136528  |
| JUDICIAL PROCEDURE     | 1562.610794  |
| DISQUALIFY             | 1560.822575  |
| OATH                   | 1557.015065  |
| PRETENCE               | 1556.216944  |
| TRANSLATION            | 1554.013783  |
| DIVERGENCE             | 1552.672852  |
| ANTERIOR               | 1546.675761  |
| COMPETENT              | 1340.073701  |
| JURISDICTION           | 1543.051247  |
| PRECEDENCE             | 1538.344868  |
| UNADMINISTERED         | 1532.658452  |
| ESTATE                 | 1332.036432  |
| ENCROACHMENT           | 1531.628595  |
| LAWFUL JUDGMENT        | 1530.764552  |
| LAWFUL ORDER           | 1529.862702  |
| TENANT COVENANT        | 1529.279882  |
| CUSTODIAL PERIOD       | 1528.40122   |
| HITHERTO               | 1528.32749   |
| RENDER                 | 1527.862291  |
| SUBROGATION            | 1520.349129  |
| STATUTORY              | 1510 400564  |
| WORDING                | 1518.408564  |
| COERCIVE               | 1509.807795  |
| LAWFUL ARREST          | 1507.890589  |
| TRUSTEE IN             | 1507.774642  |
| BANKRUPTCY             | 1502.02440   |
| ENDORSE                | 1502.02449   |
| ADDITIONAL<br>EVIDENCE | 1500.68729   |
| LAWFUL EXCUSE          | 1496.603109  |
| OBJECT                 | 1495.449277  |
| MISAPPLICATION         | 1490.58424   |
| RECKLESS               | 1489.947073  |
| PRECAUTION             | 1489.456905  |
|                        | 1489.436903  |
| LIQUIDITY              | - 1001-17-17 |
| HEREINAFTER            | 1486.107407  |
| LAWFUL MEANS           | 1485.853794  |
| IMPEDIMENT             | 1484.768983  |
| CONSCIOUSNESS          | 1483.993629  |
| POSSESSION CLAIM       | 1480.37997   |
| LEGALLY                | 1474.721134  |
| CONCLUSIVE             | 1473.515476  |
| UNSUITABILITY          | 1472.805046  |
| WRONGDOING             | 1469.833302  |
| PERSONA                | 1467.988374  |
|                        | ·            |

| ERASURE 1463.784129 ENTRANT 1458.430922 EXCLUSION CLAUSE 1454.747234 AVAIL 1452.104162 MUTUAL TRUST 1451.032599 CLEAR EVIDENCE 1447.654641 UNTRUE 1446.187572 GRANTOR 1444.418999 CUSTODIAL TERM 1441.957642 OCCUPANCY 1440.338558 INFLUENCE 1438.67151 RECTIFY 1437.448541 AFRESH 1437.44468 OPEN COURT 1431.766297 OSTENSIBLE 1426.546474 UNLICENSED 1425.536191 ARBITRARINESS 1423.511768 OBSERVANCE 1422.937673 AGGRIEVE 1422.905337 MODIFIED 1417.546914 ENTRUST 1416.946134 EXTRADITEE 1415.637364 PREPONDERANCE 1411.840024 SUE 1409.594091 POSSESS 1405.561765 LEGAL RIGHT 1404.468003 RELEVANT OFFENCE 1403.197321 DEBT RELIEF 1402.229605 TANGIBLE 1393.156522 IMPERMISSIBLE 1389.168053 CONTINUANCE 1387.87898 UNDERTAKER 1385.005641  | ORAL ARGUMENT    | 1464.451405 |
|---|------------------|-------------|
| ENTRANT 1458.430922 EXCLUSION CLAUSE 1454.747234 AVAIL 1452.104162 MUTUAL TRUST 1451.044789 SUMMARY DISMISSAL 1451.032599 CLEAR EVIDENCE 1447.654641 UNTRUE 1446.187572 GRANTOR 1444.418999 CUSTODIAL TERM 1441.957642 OCCUPANCY 1440.338558 INFLUENCE 1438.67151 RECTIFY 1437.448541 AFRESH 1437.44468 OPEN COURT 1431.766297 OSTENSIBLE AUTHORITY 1426.546474 UNLICENSED 1425.536191 ARBITRARINESS 1423.511768 OBSERVANCE 1422.905337 MODIFIED 1421.35423 ASYLUM SEEKER 1418.560194 CERTIFIED 1417.546914 ENTRUST 1416.946134 EXTRADITEE 1415.637364 PREPONDERANCE 1418.56073 REPUDIATORY 1414.4476 ACTIONABLE 1411.840024 SUE 1409.594091 POSSESS 1405.561765 LEGAL RIGHT 1404.468003 RELEVANT OFFENCE 1403.197321 DEBT RELIEF 1402.229605 TANGIBLE 1397.863182 MISCARRIAGE OF JUSTICE ARBITER 1393.156522 IMPERMISSIBLE 1389.168053 CONTINUANCE 1387.87898 UNDERTAKER 1387.049559 INTERMEDIARY REPRESENTATION 1385.25082  |                  |             |
| EXCLUSION CLAUSE 1454.747234 AVAIL 1452.104162 MUTUAL TRUST 1451.044789 SUMMARY DISMISSAL 1451.032599 CLEAR EVIDENCE 1447.654641 UNTRUE 1446.187572 GRANTOR 1444.418999 CUSTODIAL TERM 1441.957642 OCCUPANCY 1440.338558 INFLUENCE 1438.67151 RECTIFY 1437.448541 AFRESH 1437.44468 OPEN COURT 1431.766297 OSTENSIBLE 1426.546474 UNLICENSED 1425.536191 ARBITRARINESS 1423.511768 OBSERVANCE 1422.937673 AGGRIEVE 1422.905337 MODIFIED 1421.35423 ASYLUM SEEKER 1418.560194 CERTIFIED 1417.546914 ENTRUST 1416.946134 EXTRADITEE 1415.637364 PREPONDERANCE 1411.840024 SUE 1409.594091 POSSESS 1405.561765 LEGAL RIGHT 1404.468003 RELEVANT OFFENCE 1403.197321 DEBT RELIEF 1402.229605 TANGIBLE 1397.863182 MISCARRIAGE OF JUSTICE 1389.168053 CONTINUANCE 1387.87898 UNDERTAKER 1387.049559 INTERMEDIARY REPRESENTATION 1385.25082   |                  |             |
| AVAIL 1452.104162 MUTUAL TRUST 1451.044789 SUMMARY DISMISSAL 1451.032599 CLEAR EVIDENCE 1447.654641 UNTRUE 1446.187572 GRANTOR 1444.418999 CUSTODIAL TERM 1441.957642 OCCUPANCY 1440.338558 INFLUENCE 1438.67151 RECTIFY 1437.448541 AFRESH 1437.44468 OPEN COURT 1431.766297 OSTENSIBLE 1426.546474 UNLICENSED 1425.536191 ARBITRARINESS 1423.511768 OBSERVANCE 1422.937673 AGGRIEVE 1422.905337 MODIFIED PROCEDURE 1418.560194 CERTIFIED 1417.546914 ENTRUST 1416.946134 EXTRADITEE 1415.637364 PREPONDERANCE 1411.840024 SUE 1409.594091 POSSESS 1405.561765 LEGAL RIGHT 1404.468003 RELEVANT OFFENCE 1403.197321 DEBT RELIEF 1402.229605 TANGIBLE 1397.863182 MISCARRIAGE OF JUSTICE ARBITER 1393.156522 IMPERMISSIBLE 1389.168053 CONTINUANCE 1387.87898 UNDERTAKER 1385.25082   |                  |             |
| MUTUAL TRUST         1451.044789           SUMMARY DISMISSAL         1451.032599           CLEAR EVIDENCE         1447.654641           UNTRUE         1446.187572           GRANTOR         1444.418999           CUSTODIAL TERM         1441.957642           OCCUPANCY         1443.38558           INFLUENCE         1438.67151           RECTIFY         1437.448541           AFRESH         1437.4468           OPEN COURT         1431.766297           OSTENSIBLE<br>AUTHORITY         1426.546474           DERIVATIVE CLAIM         1426.452767           UNLICENSED         1422.937673           AGGRIEVE         1422.905337           MODIFIED<br>PROCEDURE         1422.905337           MODIFIED<br>PROCEDURE         1421.35423           ASYLUM SEEKER         1418.560194           CERTIFIED         1417.546914           ENTRUST         1416.946134           EXTRADITEE         1415.637364           PREPONDERANCE         1415.530273           REPUDIATORY         1414.4476           ACTIONABLE         1411.840024           SUE         1409.594091           POSSESS         1405.561765           LEGAL RIGHT   |                  |             |
| SUMMARY DISMISSAL         1451.032599           CLEAR EVIDENCE         1447.654641           UNTRUE         1446.187572           GRANTOR         1444.418999           CUSTODIAL TERM         1441.957642           OCCUPANCY         1440.338558           INFLUENCE         1438.67151           RECTIFY         1437.448541           AFRESH         1431.766297           OSTENSIBLE         1426.546474           AUTHORITY         1426.452767           UNLICENSED         1425.536191           ARBITRARINESS         1423.511768           OBSERVANCE         1422.905337           MODIFIED         1421.35423           ASYLUM SEEKER         1418.560194           CERTIFIED         1417.546914           ENTRUST         1416.946134           EXTRADITEE         1415.637364           PREPONDERANCE         1415.530273           REPUDIATORY         1414.4476           ACTIONABLE         1411.840024           SUE         1409.594091           POSSESS         1405.561765           LEGAL RIGHT         1404.468003           RELEVANT OFFENCE         1403.197321           DEBT RELIEF         1402.229605 </td <td></td> <td></td>   |                  |             |
| CLEAR EVIDENCE 1447.654641 UNTRUE 1446.187572 GRANTOR 1444.418999 CUSTODIAL TERM 1441.957642 OCCUPANCY 1440.338558 INFLUENCE 1438.67151 RECTIFY 1437.448541 AFRESH 1437.44468 OPEN COURT 1431.766297 OSTENSIBLE 1426.546474 DERIVATIVE CLAIM 1426.452767 UNLICENSED 1425.536191 ARBITRARINESS 1423.511768 OBSERVANCE 1422.937673 AGGRIEVE 1422.905337 MODIFIED PROCEDURE 1421.35423 ASYLUM SEEKER 1418.560194 CERTIFIED 1417.546914 ENTRUST 1416.946134 EXTRADITEE 1415.637364 PREPONDERANCE 1415.530273 REPUDIATORY 1414.4476 ACTIONABLE 1411.840024 SUE 1409.594091 POSSESS 1405.561765 LEGAL RIGHT 1404.468003 RELEVANT OFFENCE 1403.197321 DEBT RELIEF 1402.229605 TANGIBLE 1397.863182 MISCARRIAGE OF JUSTICE 1389.168053 CONTINUANCE 1387.87898 UNDERTAKER 1387.049559 INTERMEDIARY REPRESENTATION 1385.25082   |                  |             |
| UNTRUE 1446.187572 GRANTOR 1444.418999 CUSTODIAL TERM 1441.957642 OCCUPANCY 1440.338558 INFLUENCE 1438.67151 RECTIFY 1437.448541 AFRESH 1437.44468 OPEN COURT 1431.766297 OSTENSIBLE 1426.546474 DERIVATIVE CLAIM 1426.452767 UNLICENSED 1425.536191 ARBITRARINESS 1423.511768 OBSERVANCE 1422.937673 AGGRIEVE 1422.905337 MODIFIED 1421.35423 ASYLUM SEEKER 1418.560194 CERTIFIED 1417.546914 ENTRUST 1416.946134 EXTRADITEE 1415.637364 PREPONDERANCE 1411.840024 SUE 1409.594091 POSSESS 1405.561765 LEGAL RIGHT 1404.468003 RELEVANT OFFENCE 1403.197321 DEBT RELIEF 1402.229605 TANGIBLE 1397.863182 MISCARRIAGE OF JUSTICE 1389.168053 CONTINUANCE 1387.87898 UNDERTAKER 1387.049559 INTERMEDIARY REPRESENTATION 1385.25082   |                  |             |
| GRANTOR         1444.418999           CUSTODIAL TERM         1441.957642           OCCUPANCY         1440.338558           INFLUENCE         1438.67151           RECTIFY         1437.448541           AFRESH         1437.44468           OPEN COURT         1431.766297           OSTENSIBLE<br>AUTHORITY         1426.546474           DERIVATIVE CLAIM         1426.452767           UNLICENSED         1425.536191           ARBITRARINESS         1423.511768           OBSERVANCE         1422.905337           MODIFIED<br>PROCEDURE         1421.35423           ASYLUM SEEKER         1418.560194           CERTIFIED         1417.546914           ENTRUST         1416.946134           EXTRADITEE         1415.637364           PREPONDERANCE         1415.530273           REPUDIATORY         1414.4476           ACTIONABLE         1411.840024           SUE         1409.594091           POSSESS         1405.561765           LEGAL RIGHT         1404.468003           RELEVANT OFFENCE         1403.197321           DEBT RELIEF         1402.229605           TANGIBLE         1397.863182           MISCARRIAGE OF   |                  |             |
| CUSTODIAL TERM         1441.957642           OCCUPANCY         1440.338558           INFLUENCE         1438.67151           RECTIFY         1437.448541           AFRESH         1437.44468           OPEN COURT         1431.766297           OSTENSIBLE<br>AUTHORITY         1426.546474           DERIVATIVE CLAIM         1426.546474           UNLICENSED         1425.536191           ARBITRARINESS         1423.511768           OBSERVANCE         1422.937673           AGGRIEVE         1422.905337           MODIFIED<br>PROCEDURE         1421.35423           ASYLUM SEEKER         1418.560194           CERTIFIED         1417.546914           ENTRUST         1416.946134           EXTRADITEE         1415.637364           PREPONDERANCE         1415.530273           REPUDIATORY         1414.4476           ACTIONABLE         1411.840024           SUE         1409.594091           POSSESS         1405.561765           LEGAL RIGHT         1404.468003           RELEVANT OFFENCE         1403.197321           DEBT RELIEF         1402.229605           TANGIBLE         1397.863182           MISCARRIAGE OF<br>JUSTIC  |                  |             |
| OCCUPANCY         1440.338558           INFLUENCE         1438.67151           RECTIFY         1437.448541           AFRESH         1437.44468           OPEN COURT         1431.766297           OSTENSIBLE<br>AUTHORITY         1426.546474           DERIVATIVE CLAIM         1426.452767           UNLICENSED         1425.536191           ARBITRARINESS         1423.511768           OBSERVANCE         1422.905337           MODIFIED         1422.905337           MODIFIED         1421.35423           ASYLUM SEEKER         1418.560194           CERTIFIED         1417.546914           ENTRUST         1416.946134           EXTRADITEE         1415.637364           PREPONDERANCE         1415.530273           REPUDIATORY         1414.4476           ACTIONABLE         1411.840024           SUE         1409.594091           POSSESS         1405.561765           LEGAL RIGHT         1404.468003           RELEVANT OFFENCE         1403.197321           DEBT RELIEF         1402.229605           TANGIBLE         1397.863182           MISCARRIAGE OF         1394.513463           JUSTICE         1389.168053  |                  |             |
| INFLUENCE 1438.67151 RECTIFY 1437.448541 AFRESH 1437.44468 OPEN COURT 1431.766297 OSTENSIBLE 1426.546474 DERIVATIVE CLAIM 1426.452767 UNLICENSED 1425.536191 ARBITRARINESS 1423.511768 OBSERVANCE 1422.937673 AGGRIEVE 1422.905337 MODIFIED 1421.35423 ASYLUM SEEKER 1418.560194 CERTIFIED 1417.546914 ENTRUST 1416.946134 EXTRADITEE 1415.637364 PREPONDERANCE 1415.530273 REPUDIATORY 1414.4476 ACTIONABLE 1411.840024 SUE 1409.594091 POSSESS 1405.561765 LEGAL RIGHT 1404.468003 RELEVANT OFFENCE 1403.197321 DEBT RELIEF 1402.229605 TANGIBLE 1397.863182 MISCARRIAGE OF JUSTICE 1389.1668053 CONTINUANCE 1387.87898 UNDERTAKER 1387.049559 INTERMEDIARY REPRESENTATION 1385.25082   |                  |             |
| RECTIFY AFRESH 1437.44468 OPEN COURT OSTENSIBLE AUTHORITY DERIVATIVE CLAIM UNLICENSED 1426.546474 UNLICENSED 1425.536191 ARBITRARINESS 0BSERVANCE 1422.937673 AGGRIEVE 1422.905337 MODIFIED PROCEDURE ASYLUM SEEKER 1418.560194 CERTIFIED 1417.546914 ENTRUST 1416.946134 EXTRADITEE 1415.637364 PREPONDERANCE 1421.35423 REPUDIATORY 1414.4476 ACTIONABLE 1411.840024 SUE 1409.594091 POSSESS 1405.561765 LEGAL RIGHT 1404.468003 RELEVANT OFFENCE 1403.197321 DEBT RELIEF 1402.229605 TANGIBLE 1397.863182 MISCARRIAGE OF JUSTICE ARBITER 1393.156522 IMPERMISSIBLE 1387.049559 INTERMEDIARY REPRESENTATION 1385.25082  |                  |             |
| AFRESH OPEN COURT OSTENSIBLE AUTHORITY DERIVATIVE CLAIM UNLICENSED ARBITRARINESS OBSERVANCE AGGRIEVE H422.937673 AGGRIEVE H422.905337 MODIFIED PROCEDURE ASYLUM SEEKER CERTIFIED H417.546914 ENTRUST EXTRADITEE H415.637364 PREPONDERANCE H428.905337 REPUDIATORY ACTIONABLE SUE H409.594091 POSSESS LEGAL RIGHT RELIEF H402.229605 TANGIBLE MISCARRIAGE OF JUSTICE ARBITER H393.156522 IMPERMISSIBLE CONTINUANCE 1387.87898 UNDERTAKER 1385.25082  |                  |             |
| OPEN COURT         1431.766297           OSTENSIBLE<br>AUTHORITY         1426.546474           DERIVATIVE CLAIM         1426.452767           UNLICENSED         1425.536191           ARBITRARINESS         1423.511768           OBSERVANCE         1422.937673           AGGRIEVE         1422.905337           MODIFIED<br>PROCEDURE         1421.35423           ASYLUM SEEKER         1418.560194           CERTIFIED         1417.546914           ENTRUST         1416.946134           EXTRADITEE         1415.637364           PREPONDERANCE         1415.530273           REPUDIATORY         1414.4476           ACTIONABLE         1411.840024           SUE         1409.594091           POSSESS         1405.561765           LEGAL RIGHT         1404.468003           RELEVANT OFFENCE         1403.197321           DEBT RELIEF         1402.229605           TANGIBLE         1394.513463           MISCARRIAGE OF         1394.513463           MISCARRIAGE OF         1394.513463           CONTINUANCE         1387.87898           UNDERTAKER         1387.049559           INTERMEDIARY         1385.25082   |                  |             |
| OSTENSIBLE<br>AUTHORITY         1426.546474           DERIVATIVE CLAIM         1426.452767           UNLICENSED         1425.536191           ARBITRARINESS         1423.511768           OBSERVANCE         1422.937673           AGGRIEVE         1422.905337           MODIFIED<br>PROCEDURE         1421.35423           ASYLUM SEEKER         1418.560194           CERTIFIED         1417.546914           ENTRUST         1416.946134           EXTRADITEE         1415.637364           PREPONDERANCE         1415.530273           REPUDIATORY         1414.4476           ACTIONABLE         1411.840024           SUE         1409.594091           POSSESS         1405.561765           LEGAL RIGHT         1404.468003           RELEVANT OFFENCE         1403.197321           DEBT RELIEF         1402.229605           TANGIBLE         1397.863182           MISCARRIAGE OF         1394.513463           JUSTICE         1393.156522           IMPERMISSIBLE         1389.168053           CONTINUANCE         1387.87898           UNDERTAKER         1387.049559           INTERMEDIARY         1385.25082   |                  |             |
| AUTHORITY DERIVATIVE CLAIM  1426.452767  UNLICENSED  1425.536191  ARBITRARINESS  0BSERVANCE  1422.937673  AGGRIEVE  MODIFIED PROCEDURE  ASYLUM SEEKER  1418.560194  CERTIFIED  1417.546914  ENTRUST  EXTRADITEE  PREPONDERANCE  1415.637364  PREPUDIATORY  ACTIONABLE  1411.840024  SUE  1409.594091  POSSESS  1405.561765  LEGAL RIGHT  1404.468003  RELEVANT OFFENCE  DEBT RELIEF  1402.229605  TANGIBLE  MISCARRIAGE OF JUSTICE  ARBITER  1393.156522  IMPERMISSIBLE  1387.8498  UNDERTAKER  1387.049559  INTERMEDIARY REPRESENTATION  1425.536191  1426.452767  1422.937673  1422.905337  1421.35423  1421.35423  1411.840024  1411.840024  1411.840024  1403.197321  1404.468003  1405.561765  1407.863182  1407.863182  1407.863182  1407.863182  1407.863182  1407.863182  1407.863182  1407.863182  1407.863182   |                  | 1431.766297 |
| UNLICENSED       1425.536191         ARBITRARINESS       1423.511768         OBSERVANCE       1422.937673         AGGRIEVE       1422.905337         MODIFIED PROCEDURE       1421.35423         ASYLUM SEEKER       1418.560194         CERTIFIED       1417.546914         ENTRUST       1416.946134         EXTRADITEE       1415.637364         PREPONDERANCE       1415.530273         REPUDIATORY       1414.4476         ACTIONABLE       1409.594091         POSSESS       1405.561765         LEGAL RIGHT       1404.468003         RELEVANT OFFENCE       1403.197321         DEBT RELIEF       1402.229605         TANGIBLE       1397.863182         MISCARRIAGE OF JUSTICE       1394.513463         ARBITER       1393.156522         IMPERMISSIBLE       1389.168053         CONTINUANCE       1387.87898         UNDERTAKER       1387.049559         INTERMEDIARY REPRESENTATION       1385.25082  |                  | 1426.546474 |
| ARBITRARINESS OBSERVANCE 1422.937673 AGGRIEVE 1422.905337 MODIFIED PROCEDURE ASYLUM SEEKER 1418.560194 CERTIFIED 1417.546914 ENTRUST 1416.946134 EXTRADITEE 1415.637364 PREPONDERANCE 1415.530273 REPUDIATORY 1414.4476 ACTIONABLE 1409.594091 POSSESS 1405.561765 LEGAL RIGHT 1404.468003 RELEVANT OFFENCE 1403.197321 DEBT RELIEF 1402.229605 TANGIBLE MISCARRIAGE OF JUSTICE ARBITER 1393.156522 IMPERMISSIBLE 1389.168053 CONTINUANCE 1387.87898 UNDERTAKER 1387.049559 INTERMEDIARY REPRESENTATION 1422.905337   | DERIVATIVE CLAIM | 1426.452767 |
| OBSERVANCE         1422.937673           AGGRIEVE         1422.905337           MODIFIED PROCEDURE         1421.35423           ASYLUM SEEKER         1418.560194           CERTIFIED         1417.546914           ENTRUST         1416.946134           EXTRADITEE         1415.637364           PREPONDERANCE         1415.530273           REPUDIATORY         1414.4476           ACTIONABLE         1409.594091           POSSESS         1405.561765           LEGAL RIGHT         1404.468003           RELEVANT OFFENCE         1403.197321           DEBT RELIEF         1402.229605           TANGIBLE         1397.863182           MISCARRIAGE OF JUSTICE         1394.513463           ARBITER         1393.156522           IMPERMISSIBLE         1389.168053           CONTINUANCE         1387.87898           UNDERTAKER         1387.049559           INTERMEDIARY REPRESENTATION         1385.25082   | UNLICENSED       | 1425.536191 |
| AGGRIEVE 1422.905337  MODIFIED PROCEDURE 1421.35423  ASYLUM SEEKER 1418.560194 CERTIFIED 1417.546914 ENTRUST 1416.946134 EXTRADITEE 1415.637364 PREPONDERANCE 1415.530273 REPUDIATORY 1414.4476 ACTIONABLE 1409.594091 POSSESS 1405.561765 LEGAL RIGHT 1404.468003 RELEVANT OFFENCE 1403.197321 DEBT RELIEF 1402.229605 TANGIBLE 1397.863182 MISCARRIAGE OF JUSTICE 1394.513463 JUSTICE 1393.156522 IMPERMISSIBLE 1389.168053 CONTINUANCE 1387.87898 UNDERTAKER 1387.049559 INTERMEDIARY REPRESENTATION 1385.25082  | ARBITRARINESS    | 1423.511768 |
| MODIFIED PROCEDURE         1421.35423           ASYLUM SEEKER         1418.560194           CERTIFIED         1417.546914           ENTRUST         1416.946134           EXTRADITEE         1415.637364           PREPONDERANCE         1415.530273           REPUDIATORY         1414.4476           ACTIONABLE         1409.594091           POSSESS         1405.561765           LEGAL RIGHT         1404.468003           RELEVANT OFFENCE         1403.197321           DEBT RELIEF         1402.229605           TANGIBLE         1397.863182           MISCARRIAGE OF JUSTICE         1394.513463           ARBITER         1393.156522           IMPERMISSIBLE         1389.168053           CONTINUANCE         1387.87898           UNDERTAKER         1387.049559           INTERMEDIARY REPRESENTATION         1385.25082   | OBSERVANCE       | 1422.937673 |
| PROCEDURE  ASYLUM SEEKER  1418.560194  CERTIFIED  1417.546914  ENTRUST  1416.946134  EXTRADITEE  1415.637364  PREPONDERANCE  REPUDIATORY  ACTIONABLE  1411.840024  SUE  1409.594091  POSSESS  1405.561765  LEGAL RIGHT  1404.468003  RELEVANT OFFENCE  DEBT RELIEF  1402.229605  TANGIBLE  MISCARRIAGE OF JUSTICE  ARBITER  1393.156522  IMPERMISSIBLE  1389.168053  CONTINUANCE  1387.049559  INTERMEDIARY REPRESENTATION  1418.560194  1418.560194  1419.546914  1419.59027  1414.4476  1409.594091 | AGGRIEVE         | 1422.905337 |
| CERTIFIED       1417.546914         ENTRUST       1416.946134         EXTRADITEE       1415.637364         PREPONDERANCE       1415.530273         REPUDIATORY       1414.4476         ACTIONABLE       1411.840024         SUE       1409.594091         POSSESS       1405.561765         LEGAL RIGHT       1404.468003         RELEVANT OFFENCE       1403.197321         DEBT RELIEF       1402.229605         TANGIBLE       1397.863182         MISCARRIAGE OF       1394.513463         JUSTICE       1393.156522         IMPERMISSIBLE       1389.168053         CONTINUANCE       1387.87898         UNDERTAKER       1387.049559         INTERMEDIARY       1385.25082  |                  | 1421.35423  |
| ENTRUST 1416.946134 EXTRADITEE 1415.637364 PREPONDERANCE 1415.530273 REPUDIATORY 1414.4476 ACTIONABLE 1409.594091 POSSESS 1405.561765 LEGAL RIGHT 1404.468003 RELEVANT OFFENCE 1403.197321 DEBT RELIEF 1402.229605 TANGIBLE 1397.863182 MISCARRIAGE OF JUSTICE 1393.156522 IMPERMISSIBLE 1389.168053 CONTINUANCE 1387.87898 UNDERTAKER 1387.049559 INTERMEDIARY REPRESENTATION 1385.25082   | ASYLUM SEEKER    | 1418.560194 |
| EXTRADITEE 1415.637364 PREPONDERANCE 1415.530273 REPUDIATORY 1414.4476 ACTIONABLE 1411.840024 SUE 1409.594091 POSSESS 1405.561765 LEGAL RIGHT 1404.468003 RELEVANT OFFENCE 1403.197321 DEBT RELIEF 1402.229605 TANGIBLE 1397.863182 MISCARRIAGE OF JUSTICE 1394.513463 JUSTICE 1393.156522 IMPERMISSIBLE 1389.168053 CONTINUANCE 1387.87898 UNDERTAKER 1387.049559 INTERMEDIARY REPRESENTATION 1385.25082   | CERTIFIED        | 1417.546914 |
| PREPONDERANCE         1415.530273           REPUDIATORY         1414.4476           ACTIONABLE         1411.840024           SUE         1409.594091           POSSESS         1405.561765           LEGAL RIGHT         1404.468003           RELEVANT OFFENCE         1403.197321           DEBT RELIEF         1402.229605           TANGIBLE         1397.863182           MISCARRIAGE OF<br>JUSTICE         1394.513463           ARBITER         1393.156522           IMPERMISSIBLE         1389.168053           CONTINUANCE         1387.87898           UNDERTAKER         1387.049559           INTERMEDIARY<br>REPRESENTATION         1385.25082  | ENTRUST          | 1416.946134 |
| REPUDIATORY       1414.4476         ACTIONABLE       1411.840024         SUE       1409.594091         POSSESS       1405.561765         LEGAL RIGHT       1404.468003         RELEVANT OFFENCE       1403.197321         DEBT RELIEF       1402.229605         TANGIBLE       1397.863182         MISCARRIAGE OF       1394.513463         JUSTICE       1393.156522         IMPERMISSIBLE       1389.168053         CONTINUANCE       1387.87898         UNDERTAKER       1387.049559         INTERMEDIARY       1385.25082   | EXTRADITEE       | 1415.637364 |
| ACTIONABLE 1411.840024 SUE 1409.594091 POSSESS 1405.561765 LEGAL RIGHT 1404.468003 RELEVANT OFFENCE 1403.197321 DEBT RELIEF 1402.229605 TANGIBLE 1397.863182 MISCARRIAGE OF 1394.513463 JUSTICE 1393.156522 IMPERMISSIBLE 1389.168053 CONTINUANCE 1387.87898 UNDERTAKER 1387.049559 INTERMEDIARY REPRESENTATION 1385.25082  | PREPONDERANCE    | 1415.530273 |
| SUE       1409.594091         POSSESS       1405.561765         LEGAL RIGHT       1404.468003         RELEVANT OFFENCE       1403.197321         DEBT RELIEF       1402.229605         TANGIBLE       1397.863182         MISCARRIAGE OF<br>JUSTICE       1394.513463         ARBITER       1393.156522         IMPERMISSIBLE       1389.168053         CONTINUANCE       1387.87898         UNDERTAKER       1387.049559         INTERMEDIARY<br>REPRESENTATION       1385.25082   | REPUDIATORY      | 1414.4476   |
| POSSESS         1405.561765           LEGAL RIGHT         1404.468003           RELEVANT OFFENCE         1403.197321           DEBT RELIEF         1402.229605           TANGIBLE         1397.863182           MISCARRIAGE OF<br>JUSTICE         1394.513463           ARBITER         1393.156522           IMPERMISSIBLE         1389.168053           CONTINUANCE         1387.87898           UNDERTAKER         1387.049559           INTERMEDIARY<br>REPRESENTATION         1385.25082   | ACTIONABLE       | 1411.840024 |
| LEGAL RIGHT       1404.468003         RELEVANT OFFENCE       1403.197321         DEBT RELIEF       1402.229605         TANGIBLE       1397.863182         MISCARRIAGE OF JUSTICE       1394.513463         ARBITER       1393.156522         IMPERMISSIBLE       1389.168053         CONTINUANCE       1387.87898         UNDERTAKER       1387.049559         INTERMEDIARY REPRESENTATION       1385.25082   | SUE              | 1409.594091 |
| RELEVANT OFFENCE       1403.197321         DEBT RELIEF       1402.229605         TANGIBLE       1397.863182         MISCARRIAGE OF JUSTICE       1394.513463         ARBITER       1393.156522         IMPERMISSIBLE       1389.168053         CONTINUANCE       1387.87898         UNDERTAKER       1387.049559         INTERMEDIARY REPRESENTATION       1385.25082   | POSSESS          | 1405.561765 |
| DEBT RELIEF       1402.229605         TANGIBLE       1397.863182         MISCARRIAGE OF JUSTICE       1394.513463         ARBITER       1393.156522         IMPERMISSIBLE       1389.168053         CONTINUANCE       1387.87898         UNDERTAKER       1387.049559         INTERMEDIARY REPRESENTATION       1385.25082  | LEGAL RIGHT      | 1404.468003 |
| TANGIBLE       1397.863182         MISCARRIAGE OF JUSTICE       1394.513463         ARBITER       1393.156522         IMPERMISSIBLE       1389.168053         CONTINUANCE       1387.87898         UNDERTAKER       1387.049559         INTERMEDIARY REPRESENTATION       1385.25082  | RELEVANT OFFENCE | 1403.197321 |
| MISCARRIAGE OF JUSTICE       1394.513463         ARBITER       1393.156522         IMPERMISSIBLE       1389.168053         CONTINUANCE       1387.87898         UNDERTAKER       1387.049559         INTERMEDIARY REPRESENTATION       1385.25082   | DEBT RELIEF      | 1402.229605 |
| JUSTICE       1394.513463         ARBITER       1393.156522         IMPERMISSIBLE       1389.168053         CONTINUANCE       1387.87898         UNDERTAKER       1387.049559         INTERMEDIARY<br>REPRESENTATION       1385.25082   | TANGIBLE         |             |
| JUSTICE       393.156522         ARBITER       1393.156522         IMPERMISSIBLE       1389.168053         CONTINUANCE       1387.87898         UNDERTAKER       1387.049559         INTERMEDIARY REPRESENTATION       1385.25082   | MISCARRIAGE OF   | 130/1512/62 |
| IMPERMISSIBLE1389.168053CONTINUANCE1387.87898UNDERTAKER1387.049559INTERMEDIARY<br>REPRESENTATION1385.25082  |                  |             |
| CONTINUANCE 1387.87898<br>UNDERTAKER 1387.049559<br>INTERMEDIARY<br>REPRESENTATION 1385.25082   | ARBITER          | 1393.156522 |
| UNDERTAKER 1387.049559 INTERMEDIARY REPRESENTATION 1385.25082   |                  | 1389.168053 |
| INTERMEDIARY<br>REPRESENTATION 1385.25082   | CONTINUANCE      | 1387.87898  |
| REPRESENTATION 1385.25082   |                  | 1387.049559 |
| FACILITATE 1385.005641  |                  | 1385.25082  |
|   | FACILITATE       | 1385.005641 |

| TRUST PRIVITY 1384.202531 UNCONSCIONABLE 1382.560898 ENFORCEABILITY 1382.27836 MERE FACT 1381.484123 RETAINER 1380.902613 CRIMINAL ACTIVITY 1380.383241 JUDICIAL CAPACITY 1379.318916 INHERIT 1376.69829 SENIORITY 1374.879543 OVERRIDE 1371.38971 RELEVANT CONSIDERATION OCCUPANT 1367.179407 INJUNCTIVE 1364.497279 ARTIFICIAL 1362.687971 LITIGATE 1360.475005 PROSPECTUS 1359.342938 ANTECEDENT OFFENCE EFFECTIVE REMEDY 1357.60894 EFFECTIVE REMEDY 1357.250033 LIVE EVIDENCE 1356.999396 JUDICIAL BODY 1353.500025 PRIMACY 1342.745758 WHEREABOUTS 1341.801622 BENEFIT 1340.018954 FOREGOING 1336.679591 VALID 1334.584915 UNAPPEALABLE 1330.036853 GOOD EVIDENCE 1329.538045 INADVERTENCE 1320.031908 COLLUSIVE 1311.848291 LEGAL EFFECT 1306.338683 IMMEDIATE RISK 1304.32272 CONTUMACY 1302.482161 COMMON LAND 1300.992465 JOINT TENANCY 1299.910002   | DICCRETIONADY          |             |
|---|------------------------|-------------|
| UNCONSCIONABLE ENFORCEABILITY 1382.27836 MERE FACT 1381.484123 RETAINER 1380.902613 CRIMINAL ACTIVITY 1379.318916 INHERIT 1376.69829 SENIORITY 1374.879543 OVERRIDE 1371.83882 FREEHOLDER 1371.38971 RELEVANT CONSIDERATION OCCUPANT 1367.179407 INJUNCTIVE 1364.497279 ARTIFICIAL 1362.687971 LITIGATE 1360.475005 PROSPECTUS 1357.60894 EFFECTIVE REMEDY 1357.250033 LIVE EVIDENCE 1356.999396 JUDICIAL BODY 1353.500025 PRIMACY 1342.745758 WHEREABOUTS 1341.801622 BENEFIT 1340.018954 FOREGOING 1334.584915 UNAPPEALABLE 1330.036853 GOOD EVIDENCE 1329.538045 INADVERTENCE 1312.663751 INCLUSIVE 1311.848291 LEGAL EFFECT 1306.338683 IMMEDIATE RISK 1304.832272 CONTUMACY 1301.999.910002  | DISCRETIONARY<br>TRUST | 1384.922852 |
| ENFORCEABILITY 1382.27836  MERE FACT 1381.484123  RETAINER 1380.902613  CRIMINAL ACTIVITY 1380.383241  JUDICIAL CAPACITY 1379.318916  INHERIT 1376.69829  SENIORITY 1374.879543  OVERRIDE 1371.83882  FREEHOLDER 1371.38971  RELEVANT 1367.179407  INJUNCTIVE 1364.497279  ARTIFICIAL 1362.687971  LITIGATE 1360.475005  PROSPECTUS 1359.342938  ANTECEDENT 1357.60894  EFFECTIVE REMEDY 1357.250033  LIVE EVIDENCE 1356.999396  JUDICIAL BODY 1353.500025  PRIMACY 1342.745758  WHEREABOUTS 1341.801622  BENEFIT 1340.018954  FOREGOING 1336.679591  VALID 1334.584915  UNAPPEALABLE 1330.036853  GOOD EVIDENCE 1329.538045  INADVERTENCE 1320.031908  COLLUSIVE 1312.417214  PUNITIVE 1311.848291  LEGAL EFFECT 1306.338683  IMMEDIATE RISK 1304.832272  CONTUMACY 1304.124953  EXPIRATION 1300.992465  JOINT TENANCY 1299.910002   | PRIVITY                | 1384.202531 |
| MERE FACT         1381.484123           RETAINER         1380.902613           CRIMINAL ACTIVITY         1380.383241           JUDICIAL CAPACITY         1379.318916           INHERIT         1376.69829           SENIORITY         1374.879543           OVERRIDE         1371.83882           FREEHOLDER         1371.38971           RELEVANT<br>CONSIDERATION         1367.179407           INJUNCTIVE         1364.497279           ARTIFICIAL         1362.687971           LITIGATE         1360.475005           PROSPECTUS         1359.342938           ANTECEDENT<br>OFFENCE         1357.60894           EFFECTIVE REMEDY         1357.250033           LIVE EVIDENCE         1356.999396           JUDICIAL BODY         1353.500025           PRIMACY         1342.745758           WHEREABOUTS         1341.801622           BENEFIT         1340.018954           FOREGOING         1336.679591           VALID         1334.584915           UNAPPEALABLE         1330.036853           GOOD EVIDENCE         1323.394697           MISNOMER         1321.720367           INACCURATE         1320.031908           COLLUSIVE  | UNCONSCIONABLE         | 1382.560898 |
| RETAINER CRIMINAL ACTIVITY 1380.383241 JUDICIAL CAPACITY 1379.318916 INHERIT 1376.69829 SENIORITY 0VERRIDE 1371.83882 FREEHOLDER 1371.38971 RELEVANT CONSIDERATION OCCUPANT 1367.179407 INJUNCTIVE 1364.497279 ARTIFICIAL 1362.687971 LITIGATE 1357.60894 EFFECTIVE REMEDY EFFECTIVE REMEDY JUDICIAL BODY PRIMACY 1357.250033 LIVE EVIDENCE 1356.999396 JUDICIAL BODY PRIMACY 1342.745758 WHEREABOUTS BENEFIT 1340.018954 FOREGOING 1334.584915 UNAPPEALABLE 1330.036853 GOOD EVIDENCE 1329.538045 INADVERTENCE 1321.720367 INACCURATE 1320.031908 COLLUSIVE 1311.848291 LEGAL EFFECT 1306.338683 IMMEDIATE RISK 1304.832272 CONTUMACY 1304.124953 EXPIRATION 1302.482161 COMMON LAND 1300.992465 JOINT TENANCY 1299.910002   | ENFORCEABILITY         | 1382.27836  |
| CRIMINAL ACTIVITY         1380.383241           JUDICIAL CAPACITY         1379.318916           INHERIT         1376.69829           SENIORITY         1374.879543           OVERRIDE         1371.83882           FREEHOLDER         1371.38971           RELEVANT         1360.402822           CONSIDERATION         1367.179407           INJUNCTIVE         1364.497279           ARTIFICIAL         1362.687971           LITIGATE         1360.475005           PROSPECTUS         1359.342938           ANTECEDENT         057.60894           EFFECTIVE REMEDY         1357.250033           LIVE EVIDENCE         1356.999396           JUDICIAL BODY         1353.500025           PRIMACY         1342.745758           WHEREABOUTS         1341.801622           BENEFIT         1340.018954           FOREGOING         1336.679591           VALID         1334.584915           UNAPPEALABLE         1330.036853           GOOD EVIDENCE         1329.538045           INACCURATE         1320.031908           COLLUSIVE         1315.083518           HERITABLE         1312.663751           INCLUSIVE         1311.848291 <td>MERE FACT</td> <td>1381.484123</td>     | MERE FACT              | 1381.484123 |
| JUDICIAL CAPACITY         1379.318916           INHERIT         1376.69829           SENIORITY         1374.879543           OVERRIDE         1371.83882           FREEHOLDER         1371.38971           RELEVANT         1370.402822           CONSIDERATION         1367.179407           INJUNCTIVE         1364.497279           ARTIFICIAL         1362.687971           LITIGATE         1360.475005           PROSPECTUS         1359.342938           ANTECEDENT         0FFENCE           EFFECTIVE REMEDY         1357.60894           EFFECTIVE REMEDY         1357.250033           LIVE EVIDENCE         1356.999396           JUDICIAL BODY         1353.500025           PRIMACY         1342.745758           WHEREABOUTS         1341.801622           BENEFIT         1340.018954           FOREGOING         1336.679591           VALID         1334.584915           UNAPPEALABLE         1330.036853           GOOD EVIDENCE         1329.538045           INACCURATE         1320.031908           COLLUSIVE         1315.083518           HERITABLE         1312.663751           INCLUSIVE         1312.417214   | RETAINER               | 1380.902613 |
| INHERIT         1376.69829           SENIORITY         1374.879543           OVERRIDE         1371.83882           FREEHOLDER         1371.38971           RELEVANT         1370.402822           CONSIDERATION         1367.179407           INJUNCTIVE         1364.497279           ARTIFICIAL         1362.687971           LITIGATE         1360.475005           PROSPECTUS         1359.342938           ANTECEDENT         0FFENCE           EFFECTIVE REMEDY         1357.60894           EFFECTIVE REMEDY         1357.250033           LIVE EVIDENCE         1356.999396           JUDICIAL BODY         1353.500025           PRIMACY         1342.745758           WHEREABOUTS         1341.801622           BENEFIT         1340.018954           FOREGOING         1336.679591           VALID         1334.584915           UNAPPEALABLE         1330.036853           GOOD EVIDENCE         1329.538045           INADVERTENCE         1323.394697           MISNOMER         1321.720367           INACCURATE         1320.031908           COLLUSIVE         1315.083518           HERITABLE         1312.663751 <td>CRIMINAL ACTIVITY</td> <td>1380.383241</td>       | CRIMINAL ACTIVITY      | 1380.383241 |
| SENIORITY         1374.879543           OVERRIDE         1371.83882           FREEHOLDER         1371.38971           RELEVANT         1370.402822           OCCUPANT         1367.179407           INJUNCTIVE         1364.497279           ARTIFICIAL         1362.687971           LITIGATE         1360.475005           PROSPECTUS         1359.342938           ANTECEDENT         0FFENCE           EFFECTIVE REMEDY         1357.250033           LIVE EVIDENCE         1356.999396           JUDICIAL BODY         1353.500025           PRIMACY         1342.745758           WHEREABOUTS         1341.801622           BENEFIT         1340.018954           FOREGOING         1336.679591           VALID         1334.584915           UNAPPEALABLE         1330.036853           GOOD EVIDENCE         1329.538045           INADVERTENCE         1323.394697           MISNOMER         1321.720367           INACCURATE         1320.031908           COLLUSIVE         1315.083518           HERITABLE         1312.663751           PROPERTY         1312.417214           PUNITIVE         1311.848291 <tr< td=""><td>JUDICIAL CAPACITY</td><td>1379.318916</td></tr<> | JUDICIAL CAPACITY      | 1379.318916 |
| OVERRIDE         1371.83882           FREEHOLDER         1371.38971           RELEVANT         1370.402822           CONSIDERATION         1367.179407           INJUNCTIVE         1364.497279           ARTIFICIAL         1362.687971           LITIGATE         1360.475005           PROSPECTUS         1359.342938           ANTECEDENT         0FFENCE           EFFECTIVE REMEDY         1357.60894           EFFECTIVE REMEDY         1356.999396           JUDICIAL BODY         1353.500025           PRIMACY         1342.745758           WHEREABOUTS         1341.801622           BENEFIT         1340.018954           FOREGOING         1336.679591           VALID         1334.584915           UNAPPEALABLE         1330.036853           GOOD EVIDENCE         1329.538045           INADVERTENCE         1323.394697           MISNOMER         1321.720367           INACCURATE         1320.031908           COLLUSIVE         1315.083518           HERITABLE         1312.663751           PROPERTY         1312.417214           PUNITIVE         1311.848291           LEGAL EFFECT         1306.338683 <td>INHERIT</td> <td>1376.69829</td>                  | INHERIT                | 1376.69829  |
| FREEHOLDER  RELEVANT CONSIDERATION  OCCUPANT  I370.402822  I370.402822  I367.179407  INJUNCTIVE  ARTIFICIAL  LITIGATE  I360.475005  PROSPECTUS  ANTECEDENT OFFENCE  EFFECTIVE REMEDY  JUDICIAL BODY  PRIMACY  HEREABOUTS  BENEFIT  I340.018954  FOREGOING  VALID  1334.584915  UNAPPEALABLE  INADVERTENCE  I320.031908  COLLUSIVE  HERITABLE PROPERTY  INCLUSIVE  PUNITIVE  1311.848291  LEGAL EFFECT  1304.399.910002  EXPIRATION  1300.992465  JOINT TENANCY  1299.910002   | SENIORITY              | 1374.879543 |
| RELEVANT<br>CONSIDERATION         1370.402822           OCCUPANT         1367.179407           INJUNCTIVE         1364.497279           ARTIFICIAL         1362.687971           LITIGATE         1360.475005           PROSPECTUS         1359.342938           ANTECEDENT<br>OFFENCE         1357.60894           EFFECTIVE REMEDY         1357.250033           LIVE EVIDENCE         1356.999396           JUDICIAL BODY         1353.500025           PRIMACY         1342.745758           WHEREABOUTS         1341.801622           BENEFIT         1340.018954           FOREGOING         1336.679591           VALID         1334.584915           UNAPPEALABLE         1330.036853           GOOD EVIDENCE         1329.538045           INADVERTENCE         1323.394697           MISNOMER         1321.720367           INACCURATE         1320.031908           COLLUSIVE         1315.083518           HERITABLE<br>PROPERTY         1312.4663751           INCLUSIVE         1312.417214           PUNITIVE         1311.848291           LEGAL EFFECT         1306.338683           IMMEDIATE RISK         1304.124953           EXP                                    | OVERRIDE               | 1371.83882  |
| RELEVANT<br>CONSIDERATION         1370.402822           OCCUPANT         1367.179407           INJUNCTIVE         1364.497279           ARTIFICIAL         1362.687971           LITIGATE         1360.475005           PROSPECTUS         1359.342938           ANTECEDENT<br>OFFENCE         1357.60894           EFFECTIVE REMEDY         1357.250033           LIVE EVIDENCE         1356.999396           JUDICIAL BODY         1353.500025           PRIMACY         1342.745758           WHEREABOUTS         1341.801622           BENEFIT         1340.018954           FOREGOING         1336.679591           VALID         1334.584915           UNAPPEALABLE         1330.036853           GOOD EVIDENCE         1329.538045           INADVERTENCE         1323.394697           MISNOMER         1321.720367           INACCURATE         1320.031908           COLLUSIVE         1315.083518           HERITABLE<br>PROPERTY         1312.4663751           INCLUSIVE         1312.417214           PUNITIVE         1311.848291           LEGAL EFFECT         1306.338683           IMMEDIATE RISK         1304.124953           EXP                                    | FREEHOLDER             | 1371.38971  |
| CONSIDERATION         1367.179407           INJUNCTIVE         1364.497279           ARTIFICIAL         1362.687971           LITIGATE         1360.475005           PROSPECTUS         1359.342938           ANTECEDENT<br>OFFENCE         1357.60894           EFFECTIVE REMEDY         1357.250033           LIVE EVIDENCE         1356.999396           JUDICIAL BODY         1353.500025           PRIMACY         1342.745758           WHEREABOUTS         1341.801622           BENEFIT         1340.018954           FOREGOING         1334.584915           UNAPPEALABLE         1330.036853           GOOD EVIDENCE         1329.538045           INADVERTENCE         1323.394697           MISNOMER         1321.720367           INACCURATE         1320.031908           COLLUSIVE         1315.083518           HERITABLE         1312.663751           INCLUSIVE         1311.848291           LEGAL EFFECT         1306.338683           IMMEDIATE RISK         1304.832272           CONTUMACY         1304.124953           EXPIRATION         1302.482161           COMMON LAND         1300.992465           JOINT TENANCY  | RELEVANT               |             |
| INJUNCTIVE       1364.497279         ARTIFICIAL       1362.687971         LITIGATE       1360.475005         PROSPECTUS       1359.342938         ANTECEDENT<br>OFFENCE       1357.60894         EFFECTIVE REMEDY       1357.250033         LIVE EVIDENCE       1356.999396         JUDICIAL BODY       1353.500025         PRIMACY       1342.745758         WHEREABOUTS       1341.801622         BENEFIT       1340.018954         FOREGOING       1336.679591         VALID       1334.584915         UNAPPEALABLE       1330.036853         GOOD EVIDENCE       1329.538045         INADVERTENCE       1323.394697         MISNOMER       1321.720367         INACCURATE       1320.031908         COLLUSIVE       1315.083518         HERITABLE       1312.663751         INCLUSIVE       1312.417214         PUNITIVE       1311.848291         LEGAL EFFECT       1306.338683         IMMEDIATE RISK       1304.124953         EXPIRATION       1302.482161         COMMON LAND       1300.992465         JOINT TENANCY       1299.910002   | CONSIDERATION          | 13/0.402822 |
| ARTIFICIAL 1362.687971 LITIGATE 1360.475005 PROSPECTUS 1359.342938 ANTECEDENT 0FFENCE 1357.60894 EFFECTIVE REMEDY 1357.250033 LIVE EVIDENCE 1356.999396 JUDICIAL BODY 1353.500025 PRIMACY 1342.745758 WHEREABOUTS 1341.801622 BENEFIT 1340.018954 FOREGOING 1336.679591 VALID 1334.584915 UNAPPEALABLE 1330.036853 GOOD EVIDENCE 1329.538045 INADVERTENCE 1323.394697 MISNOMER 1321.720367 INACCURATE 1320.031908 COLLUSIVE 1315.083518 HERITABLE 1312.663751 INCLUSIVE 1312.417214 PUNITIVE 1311.848291 LEGAL EFFECT 1306.338683 IMMEDIATE RISK 1304.832272 CONTUMACY 1302.482161 COMMON LAND 1300.992465 JOINT TENANCY 1299.910002  | OCCUPANT               | 1367.179407 |
| LITIGATE 1360.475005 PROSPECTUS 1359.342938 ANTECEDENT OFFENCE 1357.60894 EFFECTIVE REMEDY 1357.250033 LIVE EVIDENCE 1356.999396 JUDICIAL BODY 1353.500025 PRIMACY 1342.745758 WHEREABOUTS 1341.801622 BENEFIT 1340.018954 FOREGOING 1336.679591 VALID 1334.584915 UNAPPEALABLE 1330.036853 GOOD EVIDENCE 1329.538045 INADVERTENCE 1323.394697 MISNOMER 1321.720367 INACCURATE 1320.031908 COLLUSIVE 1315.083518 HERITABLE PROPERTY 1312.4663751 INCLUSIVE 1311.848291 LEGAL EFFECT 1306.338683 IMMEDIATE RISK 1304.832272 CONTUMACY 1304.124953 EXPIRATION 1302.482161 COMMON LAND 1300.992465 JOINT TENANCY 1299.910002   | INJUNCTIVE             | 1364.497279 |
| PROSPECTUS 1359.342938 ANTECEDENT OFFENCE 1357.60894 EFFECTIVE REMEDY 1357.250033 LIVE EVIDENCE 1356.999396 JUDICIAL BODY 1353.500025 PRIMACY 1342.745758 WHEREABOUTS 1341.801622 BENEFIT 1340.018954 FOREGOING 1336.679591 VALID 1334.584915 UNAPPEALABLE 1330.036853 GOOD EVIDENCE 1329.538045 INADVERTENCE 1323.394697 MISNOMER 1321.720367 INACCURATE 1320.031908 COLLUSIVE 1315.083518 HERITABLE 1312.663751 INCLUSIVE 1312.417214 PUNITIVE 1311.848291 LEGAL EFFECT 1306.338683 IMMEDIATE RISK 1304.832272 CONTUMACY 1304.124953 EXPIRATION 1300.992465 JOINT TENANCY 1299.910002   | ARTIFICIAL             | 1362.687971 |
| ANTECEDENT OFFENCE  EFFECTIVE REMEDY LIVE EVIDENCE JUDICIAL BODY PRIMACY WHEREABOUTS BENEFIT 1340.018954 FOREGOING 1336.679591 VALID 1334.584915 UNAPPEALABLE INADVERTENCE INADVERTENCE INACCURATE COLLUSIVE HERITABLE PROPERTY INCLUSIVE PUNITIVE LEGAL EFFECT 1306.338683 IMMEDIATE RISK CONTUMACY LISTORY EXPENSE LEGAL EFFECT 1306.338683 EXPIRATION 1302.482161 COMMON LAND 1300.992465 JOINT TENANCY 1299.910002  | LITIGATE               | 1360.475005 |
| OFFENCE       1357.60894         EFFECTIVE REMEDY       1357.250033         LIVE EVIDENCE       1356.999396         JUDICIAL BODY       1353.500025         PRIMACY       1342.745758         WHEREABOUTS       1341.801622         BENEFIT       1340.018954         FOREGOING       1336.679591         VALID       1334.584915         UNAPPEALABLE       1330.036853         GOOD EVIDENCE       1329.538045         INADVERTENCE       1323.394697         MISNOMER       1321.720367         INACCURATE       1320.031908         COLLUSIVE       1315.083518         HERITABLE       1312.663751         INCLUSIVE       1312.417214         PUNITIVE       1311.848291         LEGAL EFFECT       1306.338683         IMMEDIATE RISK       1304.832272         CONTUMACY       1304.124953         EXPIRATION       1302.482161         COMMON LAND       1300.992465         JOINT TENANCY       1299.910002   | PROSPECTUS             | 1359.342938 |
| LIVE EVIDENCE       1356.999396         JUDICIAL BODY       1353.500025         PRIMACY       1342.745758         WHEREABOUTS       1341.801622         BENEFIT       1340.018954         FOREGOING       1336.679591         VALID       1334.584915         UNAPPEALABLE       1330.036853         GOOD EVIDENCE       1329.538045         INADVERTENCE       1323.394697         MISNOMER       1321.720367         INACCURATE       1320.031908         COLLUSIVE       1315.083518         HERITABLE<br>PROPERTY       1312.4663751         INCLUSIVE       1312.417214         PUNITIVE       1311.848291         LEGAL EFFECT       1306.338683         IMMEDIATE RISK       1304.832272         CONTUMACY       1304.124953         EXPIRATION       1302.482161         COMMON LAND       1300.992465         JOINT TENANCY       1299.910002  |                        | 1357.60894  |
| JUDICIAL BODY         1353.500025           PRIMACY         1342.745758           WHEREABOUTS         1341.801622           BENEFIT         1340.018954           FOREGOING         1336.679591           VALID         1334.584915           UNAPPEALABLE         1330.036853           GOOD EVIDENCE         1329.538045           INADVERTENCE         1323.394697           MISNOMER         1321.720367           INACCURATE         1320.031908           COLLUSIVE         1315.083518           HERITABLE         1312.663751           INCLUSIVE         1312.417214           PUNITIVE         1311.848291           LEGAL EFFECT         1306.338683           IMMEDIATE RISK         1304.832272           CONTUMACY         1304.124953           EXPIRATION         1302.482161           COMMON LAND         1300.992465           JOINT TENANCY         1299.910002   | EFFECTIVE REMEDY       | 1357.250033 |
| PRIMACY 1342.745758 WHEREABOUTS 1341.801622 BENEFIT 1340.018954 FOREGOING 1336.679591 VALID 1334.584915 UNAPPEALABLE 1330.036853 GOOD EVIDENCE 1329.538045 INADVERTENCE 1323.394697 MISNOMER 1321.720367 INACCURATE 1320.031908 COLLUSIVE 1315.083518 HERITABLE PROPERTY 1312.663751 INCLUSIVE 1312.417214 PUNITIVE 1311.848291 LEGAL EFFECT 1306.338683 IMMEDIATE RISK 1304.832272 CONTUMACY 1304.124953 EXPIRATION 1302.482161 COMMON LAND 1300.992465 JOINT TENANCY 1299.910002  | LIVE EVIDENCE          | 1356.999396 |
| WHEREABOUTS       1341.801622         BENEFIT       1340.018954         FOREGOING       1336.679591         VALID       1334.584915         UNAPPEALABLE       1330.036853         GOOD EVIDENCE       1329.538045         INADVERTENCE       1323.394697         MISNOMER       1321.720367         INACCURATE       1320.031908         COLLUSIVE       1315.083518         HERITABLE       1312.663751         INCLUSIVE       1312.417214         PUNITIVE       1311.848291         LEGAL EFFECT       1306.338683         IMMEDIATE RISK       1304.832272         CONTUMACY       1304.124953         EXPIRATION       1302.482161         COMMON LAND       1300.992465         JOINT TENANCY       1299.910002   | JUDICIAL BODY          | 1353.500025 |
| BENEFIT       1340.018954         FOREGOING       1336.679591         VALID       1334.584915         UNAPPEALABLE       1330.036853         GOOD EVIDENCE       1329.538045         INADVERTENCE       1323.394697         MISNOMER       1321.720367         INACCURATE       1320.031908         COLLUSIVE       1315.083518         HERITABLE       1312.663751         INCLUSIVE       1312.417214         PUNITIVE       1311.848291         LEGAL EFFECT       1306.338683         IMMEDIATE RISK       1304.832272         CONTUMACY       1304.124953         EXPIRATION       1302.482161         COMMON LAND       1300.992465         JOINT TENANCY       1299.910002   | PRIMACY                | 1342.745758 |
| FOREGOING 1336.679591 VALID 1334.584915 UNAPPEALABLE 1330.036853 GOOD EVIDENCE 1329.538045 INADVERTENCE 1323.394697 MISNOMER 1321.720367 INACCURATE 1320.031908 COLLUSIVE 1315.083518 HERITABLE PROPERTY 1312.663751 INCLUSIVE 1312.417214 PUNITIVE 1311.848291 LEGAL EFFECT 1306.338683 IMMEDIATE RISK 1304.832272 CONTUMACY 1304.124953 EXPIRATION 1302.482161 COMMON LAND 1300.992465 JOINT TENANCY 1299.910002  | WHEREABOUTS            | 1341.801622 |
| VALID       1334.584915         UNAPPEALABLE       1330.036853         GOOD EVIDENCE       1329.538045         INADVERTENCE       1323.394697         MISNOMER       1321.720367         INACCURATE       1320.031908         COLLUSIVE       1315.083518         HERITABLE<br>PROPERTY       1312.663751         INCLUSIVE       1312.417214         PUNITIVE       1311.848291         LEGAL EFFECT       1306.338683         IMMEDIATE RISK       1304.832272         CONTUMACY       1304.124953         EXPIRATION       1302.482161         COMMON LAND       1300.992465         JOINT TENANCY       1299.910002   | BENEFIT                | 1340.018954 |
| UNAPPEALABLE       1330.036853         GOOD EVIDENCE       1329.538045         INADVERTENCE       1323.394697         MISNOMER       1321.720367         INACCURATE       1320.031908         COLLUSIVE       1315.083518         HERITABLE PROPERTY       1312.663751         INCLUSIVE       1312.417214         PUNITIVE       1311.848291         LEGAL EFFECT       1306.338683         IMMEDIATE RISK       1304.832272         CONTUMACY       1304.124953         EXPIRATION       1302.482161         COMMON LAND       1300.992465         JOINT TENANCY       1299.910002  | FOREGOING              | 1336.679591 |
| GOOD EVIDENCE 1329.538045 INADVERTENCE 1323.394697 MISNOMER 1321.720367 INACCURATE 1320.031908 COLLUSIVE 1315.083518 HERITABLE PROPERTY 1312.663751 INCLUSIVE 1312.417214 PUNITIVE 1311.848291 LEGAL EFFECT 1306.338683 IMMEDIATE RISK 1304.832272 CONTUMACY 1304.124953 EXPIRATION 1302.482161 COMMON LAND 1300.992465 JOINT TENANCY 1299.910002   | VALID                  | 1334.584915 |
| INADVERTENCE       1323.394697         MISNOMER       1321.720367         INACCURATE       1320.031908         COLLUSIVE       1315.083518         HERITABLE PROPERTY       1312.663751         INCLUSIVE       1312.417214         PUNITIVE       1311.848291         LEGAL EFFECT       1306.338683         IMMEDIATE RISK       1304.832272         CONTUMACY       1304.124953         EXPIRATION       1302.482161         COMMON LAND       1300.992465         JOINT TENANCY       1299.910002   | UNAPPEALABLE           | 1330.036853 |
| MISNOMER       1321.720367         INACCURATE       1320.031908         COLLUSIVE       1315.083518         HERITABLE       1312.663751         INCLUSIVE       1312.417214         PUNITIVE       1311.848291         LEGAL EFFECT       1306.338683         IMMEDIATE RISK       1304.832272         CONTUMACY       1304.124953         EXPIRATION       1302.482161         COMMON LAND       1300.992465         JOINT TENANCY       1299.910002   | GOOD EVIDENCE          | 1329.538045 |
| INACCURATE       1320.031908         COLLUSIVE       1315.083518         HERITABLE PROPERTY       1312.663751         INCLUSIVE       1312.417214         PUNITIVE       1311.848291         LEGAL EFFECT       1306.338683         IMMEDIATE RISK       1304.832272         CONTUMACY       1304.124953         EXPIRATION       1302.482161         COMMON LAND       1300.992465         JOINT TENANCY       1299.910002   | INADVERTENCE           | 1323.394697 |
| COLLUSIVE 1315.083518 HERITABLE PROPERTY 1312.663751 INCLUSIVE 1312.417214 PUNITIVE 1311.848291 LEGAL EFFECT 1306.338683 IMMEDIATE RISK 1304.832272 CONTUMACY 1304.124953 EXPIRATION 1302.482161 COMMON LAND 1300.992465 JOINT TENANCY 1299.910002  | MISNOMER               | 1321.720367 |
| HERITABLE PROPERTY       1312.663751         INCLUSIVE       1312.417214         PUNITIVE       1311.848291         LEGAL EFFECT       1306.338683         IMMEDIATE RISK       1304.832272         CONTUMACY       1304.124953         EXPIRATION       1302.482161         COMMON LAND       1300.992465         JOINT TENANCY       1299.910002  | INACCURATE             | 1320.031908 |
| PROPERTY INCLUSIVE 1312.417214 PUNITIVE 1311.848291 LEGAL EFFECT 1306.338683 IMMEDIATE RISK 1304.832272 CONTUMACY 1304.124953 EXPIRATION 1302.482161 COMMON LAND 1300.992465 JOINT TENANCY 1299.910002  | COLLUSIVE              | 1315.083518 |
| PROPERTY INCLUSIVE 1312.417214 PUNITIVE 1311.848291 LEGAL EFFECT 1306.338683 IMMEDIATE RISK 1304.832272 CONTUMACY 1304.124953 EXPIRATION 1302.482161 COMMON LAND 1300.992465 JOINT TENANCY 1299.910002  | HERITABLE              | 1312 663751 |
| PUNITIVE       1311.848291         LEGAL EFFECT       1306.338683         IMMEDIATE RISK       1304.832272         CONTUMACY       1304.124953         EXPIRATION       1302.482161         COMMON LAND       1300.992465         JOINT TENANCY       1299.910002   |                        |             |
| LEGAL EFFECT       1306.338683         IMMEDIATE RISK       1304.832272         CONTUMACY       1304.124953         EXPIRATION       1302.482161         COMMON LAND       1300.992465         JOINT TENANCY       1299.910002  |                        | 1           |
| IMMEDIATE RISK       1304.832272         CONTUMACY       1304.124953         EXPIRATION       1302.482161         COMMON LAND       1300.992465         JOINT TENANCY       1299.910002   |                        | 1311.848291 |
| CONTUMACY       1304.124953         EXPIRATION       1302.482161         COMMON LAND       1300.992465         JOINT TENANCY       1299.910002  | LEGAL EFFECT           | 1306.338683 |
| EXPIRATION       1302.482161         COMMON LAND       1300.992465         JOINT TENANCY       1299.910002  | IMMEDIATE RISK         | 1304.832272 |
| COMMON LAND         1300.992465           JOINT TENANCY         1299.910002   | CONTUMACY              | 1304.124953 |
| JOINT TENANCY 1299.910002   | EXPIRATION             | 1302.482161 |
|   | COMMON LAND            | 1300.992465 |
| TURNOVER 1297 890072  | JOINT TENANCY          | 1299.910002 |
| 1277.070072   | TURNOVER               | 1297.890072 |

| ACQUIT                     | 1297.431165 |
|----------------------------|-------------|
| WITHHOLD                   | 1296.917828 |
|                            |             |
| DETERRENCE                 | 1296.123525 |
| DEPORT                     | 1291.444577 |
| ENQUIRE                    | 1289.927883 |
| RECOMMENDATION             | 1287.540949 |
| JUDGE                      | 1287.467382 |
| TRAP                       | 1286.620665 |
| НОТСНРОТ                   | 1286.554461 |
| CHAIR                      | 1286.504275 |
| CITE                       | 1285.860881 |
| CRIMINAL<br>RESPONSIBILITY | 1284.045497 |
| GROUNDS OF APPEAL          | 1283.976503 |
| INHIBIT                    | 1283.062319 |
| AFFINITY                   | 1282.861442 |
| ABROGATION                 | 1281.097266 |
| LEGAL TITLE                | 1278.312949 |
| EXPEDIENT                  | 1275.329054 |
| CARELESSNESS               | 1274.067433 |
| ACCELERATION               | 1273.752544 |
| INTRUDER                   | 1272.648844 |
| TAINTED                    | 1271.9991   |
| CREDIBLE WITNESS           | 1270.820693 |
| AIRSPACE                   | 1270.57717  |
| OBVIATE                    | 1267.49327  |
| REFER                      | 1267.464964 |
| COMMUNICATE                | 1266.226439 |
| DEEM                       | 1265.01171  |
|                            |             |
| VITIATE                    | 1264.950915 |
| REGISTER                   | 1264.394123 |
| STANDARD<br>PROCEDURE      | 1263.594754 |
| LACUNA                     | 1262.707744 |
| EDUCATION<br>AUTHORITY     | 1257.089599 |
| REMAND                     | 1256.760514 |
| PRECAUTIONARY              | 1255.20431  |
| REFUTE                     | 1254.729695 |
| IRREBUTTABLE PRESUMPTION   | 1253.838394 |
| INTERPRETER                | 1251.76882  |
| STIPULATION                | 1249.860417 |
| TITLE DEED                 | 1249.848177 |
| JOINT ADOPTION             | 1244.122717 |
| HONEST                     | 1242.74355  |
| THIEF                      | 1238.366059 |
|                            | 1           |

| JOB TITLE                 | 1237.505428 |
|---------------------------|-------------|
| LEGISLATE                 | 1236.034226 |
| REASSESSMENT              | 1234.135552 |
| SEVERAL LIABILITY         | 1232.529559 |
| REMUNERATE                | 1232.421213 |
| COMPARATOR                | 1229.605062 |
| DETERMINATIVE             | 1229.445831 |
| FALSE                     |             |
| IMPRISONMENT              | 1229.051181 |
| ADOPTIVE PARENT           | 1228.016851 |
| EGRESS                    | 1225.351581 |
| SERIOUS OFFENCE           | 1224.379435 |
| SUMMARY                   | 1223.068572 |
| CONDITIONAL               |             |
| CONDITIONAL<br>DISCHARGE  | 1222.80716  |
| LEGAL PRINCIPLE           | 1220.550893 |
| DEVIATION                 | 1216.988271 |
| EXERCISABLE               | 1216.652262 |
| EYE WITNESS               | 1212.900117 |
| TRIABLE                   | 1206.019253 |
| RESPONDENT                | 1205.26457  |
| CIVIL RIGHT               | 1204.37631  |
| STATUTORY                 |             |
| FUNCTION                  | 1203.708191 |
| JUDICIAL NOTICE           | 1202.066163 |
| DEFAULTER                 | 1201.53002  |
| EXEMPLARY                 | 1200.780419 |
| IMMIGRATION               | 1200.470121 |
| BONA FIDE                 | 1198.727705 |
| SUBSTANTIVE               | 1197.548202 |
| JUDGMENT                  |             |
| PROMULGATION              | 1191.97785  |
| COMPEL                    | 1188.305923 |
| SUBSTANTIVE<br>HEARING    | 1186.615745 |
| JUDGMENT DEBTOR           | 1185.779794 |
| JUDICIAL PROCESS          | 1185.571907 |
| DERIVATIVE ACTION         | 1185.454235 |
|                           |             |
| PROBATIVE VALUE IMPAIR    | 1185.389346 |
|                           | 1184.536265 |
| CHECK                     | 1183.846452 |
| INTERIM STATUTE           | 1182.667145 |
| STATUTORY APPEAL          | 1181.707199 |
| DISTINCTIVE               | 1179.216245 |
| REBUTTABLE<br>PRESUMPTION | 1177.977508 |
| FINDING OF FACT           | 1175.600982 |
| -1.21.3 01 11101          | 11.0.000702 |

| DD 4 F/F                     | 117106126   |
|------------------------------|-------------|
| DRAFT                        | 1174.96136  |
| DETRACT                      | 1174.683304 |
| JUDICIAL TRIBUNAL            | 1173.022806 |
| DESTRUCTION                  | 1171.450622 |
| RESTRICTIVE                  | 1170.387592 |
| COVENANT<br>RESIDUARY ESTATE | 1169.886408 |
|                              |             |
| TRUSTEE                      | 1169.344827 |
| STATUTORY REMEDY             | 1168.887052 |
| REVALUATION                  | 1168.410417 |
| MENTAL CONDITION             | 1167.442508 |
| INGRESS                      | 1166.31041  |
| COVENANT                     | 1164.002659 |
| PREPARATORY                  | 1162.898255 |
| CULPA                        | 1162.478406 |
| ORDINARILY                   | 1160.49831  |
| SOLVENCY                     | 1160.275924 |
| DECLARATOR                   | 1158.29253  |
| FAIR PROCEDURE               | 1158.07445  |
| INEQUITABLE                  | 1156.192464 |
| SENTENCE OF                  |             |
| IMPRISONMENT                 | 1155.539915 |
| TAX LIABILITY                | 1154.929114 |
| OPEN JUDGMENT                | 1152.369329 |
| RENTAL                       | 1150.220839 |
| ASSIGNEE                     | 1149.875261 |
| EXTENSION                    | 1149.576831 |
| RECONSIDER                   | 1149.359033 |
| SUBJECTED                    | 1148.796889 |
| PEREMPTORY<br>CHALLENGE      | 1147.013449 |
| ANTICIPATE                   | 1144.126793 |
| CUSTODIAL                    |             |
| BEHAVIOUR                    | 1144.083377 |
| INJUNCTIVE RELIEF            | 1143.479866 |
| RECONCILE                    | 1141.47807  |
| PRESERVE                     | 1141.230992 |
| UNEXCEPTIONABLE              | 1136.900606 |
| FACTUAL MATRIX               | 1133.080443 |
| FRAUDULENT TAX               | 1133.051462 |
| CRIMINAL DAMAGE              | 1132.913133 |
| POTENTIAL LIABILITY          | 1132.827141 |
| CONDUCIVE                    | 1132.276481 |
| ABATEMENT                    | 1130.408669 |
| ANONYMOUS                    |             |
| WITNESS                      | 1126.927092 |
| REASONABLE BELIEF            | 1126.882413 |
| INACCURACY                   | 1125.71761  |
| INACCUKACY                   | 1123./1/61  |

|                          | T           |
|--------------------------|-------------|
| CONSCIENTIOUS            | 1124.582771 |
| PERMANENT<br>RESIDENCE   | 1123.032687 |
| CONTEMPLATE              | 1123.016173 |
| PRIVY                    | 1121.37142  |
| MATERIAL FACT            | 1120.664138 |
| SECRECY                  | 1118.751112 |
| ADDUCE EVIDENCE          |             |
|                          | 1118.416589 |
| TRY                      | 1115.759343 |
| LEGAL POSITION           | 1115.758872 |
| EQUITABLE CHARGE         | 1114.19283  |
| PROTECTED                | 1113.430951 |
| EIR                      | 1113.420986 |
| ORAL AGREEMENT           | 1112.815709 |
| ONLY WITNESS             | 1111.688229 |
| UNDIVIDED                | 1110.983975 |
| WLR                      | 1108.432331 |
| CONVENTION               | 1108.250053 |
| VAT LIABILITY            | 1106.820324 |
| TRACE                    | 1106.684261 |
| INAPPLICABLE             | 1105.629758 |
| MESNE PROFIT             | 1104.34322  |
| UNANIMOUS                | 1104.325195 |
| JOINT TORTFEASOR         | 1104.257942 |
| INQUISITION              | 1100.283115 |
| STATUTORY                | 1099.298768 |
| PROHIBITION              | 1099.298708 |
| ADHERE                   | 1098.985099 |
| INADMISSIBLE<br>EVIDENCE | 1096.660356 |
| COGNATE                  | 1096.079538 |
| FEE AGREEMENT            | 1095.446909 |
| INDEPENDENT              |             |
| TRIBUNAL                 | 1094.605949 |
| PEDIGREE                 | 1094.394679 |
| OBEDIENCE                | 1093.312969 |
| CRIMINAL<br>ENTERPRISE   | 1092.750882 |
| SURVIVORSHIP             | 1092.346549 |
| NON-DEROGATION           | 1090.812067 |
| GOVERN                   | 1089.586956 |
| CRIMINAL CASE            | 1089.380930 |
| ADMINISTRATIVE           |             |
| PROCEDURE                | 1089.105323 |
| OPPONENT                 | 1089.023177 |
| MARITAL STATUS           | 1088.029982 |
| CANCEL                   | 1087.39708  |
| SEXUAL IDENTITY          | 1087.291012 |
|                          |             |

|                          | 1           |
|--------------------------|-------------|
| UNFOUNDED                | 1085.672218 |
| RELEVANT                 | 1084.54612  |
| INFORMATION<br>FACTUAL   |             |
| CIRCUMSTANCE             | 1082.922487 |
| PROFFER                  | 1081.054134 |
| CONTRADICTION            | 1079.524101 |
| OBJECTIONABLE            | 1078.256561 |
| LEGAL OBLIGATION         | 1077.720995 |
| HIGH AUTHORITY           | 1075.893617 |
| APPROPRIATE              | 1074.148381 |
| SENTENCE                 | 10/4.146361 |
| STATUTORY<br>OBLIGATION  | 1073.986987 |
| PRIOR ART                | 1072.704241 |
| ACTION ESTOPPEL          | 1072.764241 |
| INSTIGATION              | 1070.636229 |
| LEGAL AUTHORITY          |             |
|                          | 1069.495629 |
| RELEVANT PART            | 1068.39969  |
| LORDS                    | 1066.242312 |
| EXCULPATE DECLARATION OF | 1065.585098 |
| TRUST                    | 1061.849419 |
| NOVATION                 | 1059.781243 |
| ARBITRATION              | 1059.31085  |
| BENEFICIAL INTEREST      | 1058.644326 |
| RELEVANT MATERIAL        | 1057.969505 |
| FEASIBLE                 | 1056.91037  |
| CONFRONTATION            | 1056.475087 |
| TRUST FUND               | 1053.589501 |
| OBITER DICTA             | 1052.88065  |
| TRUST PROPERTY           | 1052.682901 |
| ARSON                    | 1050.115818 |
| IRREDEEMABLE             | 1047.517683 |
| FACE VALUE               | 1047.197687 |
| EWCA                     | 1045.55451  |
| MATERIAL ERROR           | 1045.407057 |
| INVIOLABILITY            | 1044.809561 |
| JUDICIAL CONTROL         | 1044.597317 |
| INDENTURE                | 1042.884508 |
| JUDICIAL FUNCTION        | 1042.629353 |
| STAND                    | 1042.575026 |
| ADDRESS                  | 1041.740062 |
| INTENT                   | 1041.635034 |
| SUSTAIN                  | 1040.113085 |
| DULY                     | 1039.427984 |
| MISFORTUNE               | 1037.253448 |
| WARNING                  | 1033.613167 |
|                          |             |

| HOSTILITY                  | 1033.138268 |
|----------------------------|-------------|
| MANIFEST                   | 1032.953077 |
| ENLARGEMENT                | 1032.916316 |
| LEG                        | 1032.463831 |
| LEAKAGE                    | 1032.067523 |
| AFFORD                     | 1030.521709 |
|                            |             |
| COHABITEE                  | 1028.885561 |
| BENEFICIAL OWNER           | 1028.098921 |
| APPROPRIATE<br>REMEDY      | 1024.801411 |
| LIFE IMPRISONMENT          | 1024.281712 |
| EVALUATE                   | 1023.263037 |
| APPURTENANCE               | 1022.5516   |
| SCRIPT                     | 1022.251902 |
| IMMOVEABLE                 | 1021 406067 |
| PROPERTY                   | 1021.406967 |
| CRIMINAL<br>BEHAVIOUR      | 1019.873398 |
| UNWILLING                  | 1018.706189 |
| IRREBUTTABLE               | 1017.175679 |
| WITNESS                    |             |
| INTIMIDATION               | 1014.241491 |
| ALLOWABLE                  | 1013.53553  |
| APPOINTEE                  | 1010.488756 |
| MORTGAGEE                  | 1008.445678 |
| JUDICIAL<br>INTERPRETATION | 1008.093951 |
| ALIENATION                 | 1002.819226 |
| INIMICAL                   | 1002.388199 |
| EFFICIENT                  | 1001.864729 |
| BEHAVE                     | 1000.898414 |
| ADMISSIBLE                 |             |
| EVIDENCE                   | 998.646684  |
| ASSIGNATION                | 998.102487  |
| SEX OFFENDER               | 997.907661  |
| UNOCCUPIED                 | 993.974864  |
| ESTIMATION                 | 990.473352  |
| GIVE NOTICE                | 989.846483  |
| INFORMAL NOTICE            | 988.064314  |
| REDUNDANCY                 | 986.998825  |
| PAYMENT                    |             |
| PHYSICAL INJURY            | 986.902285  |
| ABSENT WITNESS             | 985.688404  |
| NUISANCE                   | 985.60759   |
| ABEYANCE                   | 984.325454  |
| JUDICIAL<br>DETERMINATION  | 977.384085  |
| DOMINANT                   | 074 045404  |
| TENEMENT                   | 974.915101  |
|                            |             |

| DECEIVE                    | 974.003605                              |
|----------------------------|---|
| -                          |   |
| NORM                       | 973.968418                              |
| DISSENTING<br>JUDGMENT     | 972.075778                              |
| NEGOTIATE                  | 971.706186                              |
| IMPROPER                   | 969.928983                              |
| MISREPRESENTATION          | 968.017197                              |
| GENERAL PRINCIPLE          | 967.230411                              |
| AGGRAVATE                  | 966.836988                              |
| GAIN                       | 965.221173                              |
| UNBIASED JUDGMENT          | 964.465706                              |
| ACTUAL AUTHORITY           | 963.12171                               |
| OBLIGE                     | 962.740694                              |
|                            |   |
| DEPOSITION                 | 961.864612                              |
| REPRESENTEE                | 961.336331                              |
| ILLICIT                    | 959.412297                              |
| MISDEMEANOUR               | 958.461278                              |
| OPTION CLAUSE              | 957.393424                              |
| OFFEND                     | 957.341678                              |
| LAWFUL POSSESSION          | 955.579109                              |
| COMPELLING                 | 955.349334                              |
| INOUIRE                    | 954.719752                              |
| UNCONSCIONABILITY          | 954.334128                              |
| STATUTORY                  |   |
| AUTHORITY                  | 952.699041                              |
| UNBROKEN                   | 951.969636                              |
| DIFFER                     | 947.90802                               |
| POSSESSOR                  | 947.078375                              |
| PHYSICAL DAMAGE            | 945.922868                              |
| PROCEEDING                 | 944.614403                              |
| EQUALITY CLAUSE            | 944.498474                              |
| REFERABLE                  | 943.735517                              |
| JUDICIAL                   | 0.42.4721.42                            |
| SEPARATION                 | 943.472143                              |
| IMPOSSIBILITY              | 943.179141                              |
| JUVENILE                   | 940.995026                              |
| STATUTORY                  | 940.941837                              |
| GUARANTOR                  | , |
| BATTERY CLAIM              | 939.60698                               |
| DISCIPLINARY<br>PROCEEDING | 936.795715                              |
| DESIDERATUM                | 934.362257                              |
| EXCEPTIONAL CASE           | 934.340997                              |
| INTERCEPTION               | 933.166102                              |
| RELEVANT                   | 931.685343                              |
| LEGISLATION                | 931.003343                              |
| SURETIES                   | 928.720759                              |
| ANNOYANCE                  | 927.39015                               |

| EXEMPTION<br>CERTIFICATE | 925.817027 |
|--------------------------|------------|
| PRIMA FACIE CASE         | 925.614147 |
| LAW REMEDY               | 925.033424 |
| HMRC                     | 923.708223 |
|                          |            |
| DELIBERATELY             | 923.322295 |
| WIDE DISCRETION          | 922.845729 |
| VALUE JUDGMENT           | 921.467115 |
| JUDICIAL EXEGESIS        | 921.215242 |
| IRREGULAR                | 920.668997 |
| REPUTE                   | 920.652442 |
| LEGAL ENTITY             | 920.150397 |
| PERSONAL<br>MITIGATION   | 919.680074 |
| CREDIBLE EVIDENCE        | 918.090749 |
| WILLING                  | 917.417918 |
| ACCOMPLICE               | 916.982874 |
| OVERPAY                  | 916.544085 |
| ARREST                   | 915.86809  |
| DENOTE                   | 914.347267 |
| DEROGATORY               | 913.519294 |
| DECLARATION OF           |            |
| INCOMPATIBILITY          | 912.813755 |
| CRIMINAL                 | 912.638859 |
| INVESTIGATION            | 712.030037 |
| BENEFICIAL<br>OWNERSHIP  | 909.67677  |
| INDEMNITY BASIS          | 909.520251 |
| DEPRIVATION OF           |            |
| LIBERTY                  | 908.301274 |
| AMPLE EVIDENCE           | 908.025834 |
| SEXUAL OFFENCE           | 907.141773 |
| INSTALMENT               | 905.699825 |
| ACCUSER                  | 905.532867 |
| PROCEDURAL               |            |
| OBLIGATION               | 905.105811 |
| APPLICATION FOR<br>LEAVE | 903.433987 |
| COMPETENT<br>AUTHORITY   | 902.30911  |
| IMPENDING                | 901.686712 |
| INQUISITORIAL            | 901.070053 |
| ENGLISH                  | 900.646707 |
| JURISDICTION             |            |
| LEGAL FEE                | 900.137974 |
| LEGITIMATE<br>INTEREST   | 896.731915 |
| MAIN WITNESS             | 896.46955  |
| RELEVANT FACTOR          | 895.956185 |
| EXPOSE                   | 895.589448 |
|                          |            |

| STATUTORY<br>PROTECTION     | 894.574082 |
|-----------------------------|------------|
| ALIBI WITNESS               | 894.107756 |
| APPROVE                     | 893.486099 |
| UNFAIRLY                    | 891.31534  |
|                             |            |
| SEIZE                       | 891.176835 |
| WHIPLASH INJURY             | 890.467249 |
| PERSISTENT                  | 890.17214  |
| LAWFUL MARKET               | 883.561915 |
| INVALIDATE                  | 883.311678 |
| CRIMINAL                    | 883.135707 |
| CONVICTION  INTERIM DAYMENT | 001 050407 |
| INTERIM PAYMENT             | 881.058407 |
| EXPROPRIATION               | 880.073474 |
| INCHOATE                    | 879.695007 |
| STEAL                       | 879.556191 |
| REVOCABLE                   | 879.09819  |
| TERMINATION                 | 873.914559 |
| FICTITIOUS                  | 872.438966 |
| MATERIAL<br>CONSIDERATION   | 872.399185 |
| APPORTION                   | 871.442628 |
| MALTREATMENT                | 870.926233 |
| DEDUCTIBLE                  | 869.116545 |
|                             |            |
| TERRITORIALITY              | 869.008783 |
| OUSTER                      | 868.512868 |
| PREMEDITATION               | 865.258367 |
| IMPROBABLE                  | 862.881497 |
| CONSTRUCTIVE<br>TRUSTEE     | 859.547592 |
| DEFENDANT                   | 859.514439 |
| LEGITIMATE PURPOSE          | 858.671532 |
| LEGAL LIABILITY             | 858.356483 |
| ALLOW                       | 858.290257 |
| INTRUSIVE                   | 856.576902 |
| RECUSE                      | 854.498045 |
| FRAUDULENT                  | 854.300139 |
| DEFAULT<br>STATUTORY BASIS  |            |
|                             | 848.931982 |
| ABSOLUTE RULE<br>STATUTORY  | 847.372661 |
| LIMITATION                  | 846.899215 |
| BARE TRUSTEE                | 845.490542 |
| EHRR                        | 843.608984 |
| STATUTORY                   |            |
| CRITERION                   | 843.186236 |
| LEGITIMATE                  | 842.872073 |
| INTEREST                    |            |
| UNLIMITED                   | 841.20167  |

| EARLY JUDGMENT              | 840.440161 |
|-----------------------------|------------|
| HOMOSEXUAL                  | 840.163207 |
| COUNSEL                     | 840.051609 |
| SHAREHOLDER                 | 837.972567 |
| AGREEMENT                   | 837.972307 |
| UNLAWFUL WAR                | 837.928096 |
| LIABILITY ORDER             | 837.17979  |
| CONTRACTING<br>AUTHORITY    | 837.017683 |
| RELIABLE EVIDENCE           | 837.011503 |
| INTERROGATION               | 835.905096 |
| LAWFUL SENTENCE             | 835.343087 |
| RULE                        | 834.439606 |
| IMPEDE                      | 834.16391  |
| IMMIGRATION                 |            |
| STATUS                      | 831.73798  |
| DECLARATORY<br>RELIEF       | 829.336164 |
| UNLAWFUL<br>DEDUCTION       | 824.119842 |
| KNOWINGLY                   | 823.233788 |
| CRIMINAL PURPOSE            | 819.675208 |
| INTERLOCUTORY<br>INJUNCTION | 819.539303 |
| PURPORT                     | 819.422363 |
| USURP                       | 818.360878 |
| LAW CLAUSE                  | 817.862408 |
| BYLAW                       | 817.123353 |
| OVERSIGHT                   | 813.886282 |
|                             |            |
| UNENCUMBERED                | 813.301864 |
| LEGAL PROCESS               | 810.518903 |
| PURSUER                     | 809.275044 |
| PECUNIARY<br>ADVANTAGE      | 808.012749 |
| LAWFUL OBJECT               | 807.401102 |
| MENTAL DISABILITY           | 806.257665 |
| DOCUMENTARY<br>EVIDENCE     | 805.44603  |
| NEGLIGENT ACT               | 804.588118 |
| SPECIAL RULE                | 804.35599  |
| VEXATIOUS LITIGANT          | 803.713279 |
| EXPRESS PROVISION           | 802.518049 |
| OUESTION OF FACT            | 802.212447 |
| IMPUTATION SYSTEM           | 800.893913 |
| OFFENSIVE WEAPON            | 800.551352 |
|                             |            |
| DISCONTINUE                 | 800.502535 |
| INADVERTENT                 | 799.843455 |
| BINDING AGREEMENT           | 799.275741 |
| ORIGINAL CLAIM              | 795.179729 |
|                             |            |

| ALITHODITY             | 705 115002 |
|------------------------|------------|
| AUTHORITY              | 795.115983 |
| UNBIASED               | 794.039785 |
| MISAPPROPRIATE         | 791.847273 |
| PROBATIONARY           | 791.672673 |
| OFFICE                 | 790.569787 |
| APPELLATE              | 789.586673 |
| TRIBUNAL               | 189.380013 |
| OUTPUT TAX             | 789.567285 |
| ACCRETION              | 789.138106 |
| UNWARRANTED            | 789.084205 |
| SUICIDE RISK           | 786.632742 |
| FORENSIC               | 796 526102 |
| EXAMINATION            | 786.526192 |
| VARIANCE               | 784.981309 |
| MARRIAGE               | 784.90395  |
| CERTIFICATE            | 707.20323  |
| IMMOVABLE              | 783.660866 |
| DESTITUTION            | 783.535734 |
| EVADE                  | 783.13556  |
| MALICIOUS              | 782.294157 |
| FALSEHOOD              | 782.294137 |
| IMMINENT               | 782.009581 |
| INHIBITION             | 781.490123 |
| THIRD PARTY            | 781.356866 |
| BREAK CLAUSE           | 780.427507 |
| MARITAL                | 779.221423 |
| COHABITATION           | 119.221423 |
| LEGAL PERSON           | 778.611969 |
| ANTECEDENT             | 778.540714 |
| BREACH                 |            |
| EMPLOYMENT<br>CONTRACT | 777.131    |
| TORTIOUS LIABILITY     | 774.984086 |
| JUDICIAL               | 774.204000 |
| EXAMINATION            | 774.760507 |
| CONTRADICT             | 774.137357 |
| SCINTILLA              | 773.578962 |
| UNCONDITIONAL          | 773.01304  |
| FUNCTUS                |            |
|                        | 771.788724 |
| MISINTERPRETATION      | 770.438396 |
| MOVEABLE<br>PROPERTY   | 769.805247 |
| DISABILITY PREMIUM     | 769.712883 |
|                        |            |
| PRATIQUE               | 768.2301   |
| DRAFT JUDGMENT         | 768.148275 |
| ANONYMITY ORDER        | 767.954843 |
| MATERIAL BREACH        | 767.280112 |
| VAT FRAUD              | 766.191531 |
| BANKRUPTCY             | 765.446324 |
| PROCEEDING             |            |

| OVERRULE 764.383545  MERIT 763.972761  LOCK 763.680799  LEADING JUDGMENT 762.561443  EX FACIE 761.92568  ARBITRATION 761.718352  DERELICTION 761.581965  OMBUDSMAN 761.550048  ESTOPPEL ARGUMENT 760.900816  IMMIGRATION 759.576213  NOTICE OF 759.614543  NOTICE OF 759.576213  CONSTITUENCY 758.77258  JUDICIAL REMEDY 757.021219  EXCLUSIONARY 756.402048  ILLEGITIMATE 755.882776  DISMISSAL 755.717514  GRATUITOUS 755.394332  JUDGMENT 754.385714  POTENTIAL WITNESS 753.833383  CORPORATE TRUSTEE 752.642484  RIGHT OF ABODE 752.36957  RELEVANT RULE 752.342125  COMPELLING FOUNDER 750.526434  ADEQUATE REMEDY 750.4575  CODIFY 748.999424  JUDICIAL RESTRAINT 747.487518  DISPROPORTIONATE 743.05281  UNREASONABLE 743.042851  TRUTHFUL WITNESS 743.042851  TRUTHFUL WITNESS 742.395781  UNREASONABLE 743.042851  TRUTHFUL WITNESS 742.32552  INTERIM INTERDICT 741.895836  SERIOUS HARM 741.806206  REASONABLE 740.883817  | CONCEDE             | 765.385045  |
|---|---------------------|-------------|
| MERIT         763.972761           LOCK         763.680799           LEADING JUDGMENT         762.561443           EX FACIE         761.92568           ARBITRATION PROCEEDING         761.718352           DERELICTION         761.581965           OMBUDSMAN         761.550048           ESTOPPEL ARGUMENT         761.251429           LAWFUL IMMIGRATION         760.900816           FRESH NOTICE         759.614543           NOTICE OF ADJUDICATION         759.576213           CONSTITUENCY         758.77258           JUDICIAL REMEDY         757.738482           LIABILITY PRINCIPLE         757.021219           EXCLUSIONARY         756.402048           ILLEGITIMATE         755.882776           DISMISSAL         755.717514           GRATUITOUS         755.394332           JUDGMENT         754.385714           POTENTIAL WITNESS         753.833383           CORPORATE TRUSTEE         752.642484           RIGHT OF ABODE         752.36957           RELEVANT RULE         752.290534           JUDICIAL SCRUTINY         752.290534           JUDICIAL RATE         750.526434           ADEQUATE REMEDY         750.4575   |                     |             |
| LOCK         763.680799           LEADING JUDGMENT         762.561443           EX FACIE         761.92568           ARBITRATION PROCEEDING         761.718352           DERELICTION         761.581965           OMBUDSMAN         761.550048           ESTOPPEL ARGUMENT         761.251429           LAWFUL IMMIGRATION         760.900816           FRESH NOTICE         759.614543           NOTICE OF ADJUDICATION         759.576213           CONSTITUENCY         758.77258           JUDICIAL REMEDY         757.738482           LIABILITY PRINCIPLE         757.021219           EXCLUSIONARY         756.402048           ILLEGITIMATE         755.882776           DISMISSAL         755.717514           GRATUITOUS         755.394332           JUDGMENT         754.385714           POTENTIAL WITNESS         753.833383           CORPORATE TRUSTEE         752.642484           RIGHT OF ABODE         752.36957           RELEVANT RULE         752.290534           JUDICIAL SCRUTINY         752.058728           JUDICIAL RATE         750.526434           ADEQUATE REMEDY         750.4575           CODIFY         748.999424  |                     |             |
| LEADING JUDGMENT         762.561443           EX FACIE         761.92568           ARBITRATION PROCEEDING         761.718352           DERELICTION         761.581965           OMBUDSMAN         761.550048           ESTOPPEL ARGUMENT         761.251429           LAWFUL IMMIGRATION         760.900816           FRESH NOTICE         759.614543           NOTICE OF ADJUDICATION         759.576213           CONSTITUENCY         758.77258           JUDICIAL REMEDY         757.738482           LIABILITY PRINCIPLE         757.021219           EXCLUSIONARY         756.402048           ILLEGITIMATE         755.882776           DISMISSAL         755.717514           GRATUITOUS         755.394332           JUDGMENT         754.385714           POTENTIAL WITNESS         753.833383           CORPORATE TRUSTEE         752.642484           RIGHT OF ABODE         752.342125           COMPELLING         752.290534           EVIDENCE         752.058728           JUDICIAL SCRUTINY         752.058728           JUDICIAL RATE         750.4575           CODIFY         748.999424           JUDICIAL RESTRAINT         747.487518 <t< td=""><td></td><td></td></t<> |                     |             |
| EX FACIE         761.92568           ARBITRATION PROCEEDING         761.718352           DERELICTION         761.581965           OMBUDSMAN         761.550048           ESTOPPEL ARGUMENT         761.251429           LAWFUL IMMIGRATION         760.900816           FRESH NOTICE         759.614543           NOTICE OF ADJUDICATION         759.576213           CONSTITUENCY         758.77258           JUDICIAL REMEDY         757.738482           LIABILITY PRINCIPLE         757.021219           EXCLUSIONARY         756.402048           ILLEGITIMATE         755.882776           DISMISSAL         755.717514           GRATUITOUS         755.394332           JUDGMENT         754.385714           POTENTIAL WITNESS         753.833383           CORPORATE TRUSTEE         752.642484           RIGHT OF ABODE         752.342125           COMPELLING         752.290534           IUDICIAL SCRUTINY         752.058728           JUDICIAL RATE         750.526434           ADEQUATE REMEDY         750.4575           CODIFY         748.999424           JUDICIAL RESTRAINT         747.487518           DISPROPORTIONATE         743.915228                            |                     |             |
| ARBITRATION PROCEEDING DERELICTION 761.581965 OMBUDSMAN 761.550048 ESTOPPEL ARGUMENT T61.251429 LAWFUL IMMIGRATION FRESH NOTICE 759.614543 NOTICE OF ADJUDICATION CONSTITUENCY 758.77258 JUDICIAL REMEDY LIABILITY PRINCIPLE EXCLUSIONARY ILLEGITIMATE DISMISSAL GRATUITOUS JUDGMENT POTENTIAL WITNESS CORPORATE TRUSTEE FISCA SASSASS CORPORATE TRUSTEE FUDICIAL RATE COMPELLING EVIDENCE JUDICIAL REMEDY T52.342125 COMPELLING EVIDENCE JUDICIAL RATE T52.290534 ADEQUATE REMEDY T50.4575 CODIFY T48.999424 JUDICIAL RESTRAINT DISPROPORTIONATE INTERFERENCE IRREMEDIABLE T43.905781 UNREASONABLE CONDUCT CIRCUMSTANTIAL EVIDENCE EMPLOYMENT RELATIONSHIP TRUTHFUL WITNESS T42.29073 ORDER FOR COST T42.232552 INTERIM INTERDICT 741.895836 SERIOUS HARM 741.806206   |                     |             |
| PROCEEDING         761.518352           DERELICTION         761.581965           OMBUDSMAN         761.550048           ESTOPPEL ARGUMENT         761.251429           LAWFUL IMMIGRATION         760.900816           FRESH NOTICE         759.614543           NOTICE OF ADJUDICATION         759.576213           CONSTITUENCY         758.77258           JUDICIAL REMEDY         757.738482           LIABILITY PRINCIPLE         757.021219           EXCLUSIONARY         756.402048           ILLEGITIMATE         755.882776           DISMISSAL         755.717514           GRATUITOUS         755.394332           JUDGMENT         754.385714           POTENTIAL WITNESS         753.833383           CORPORATE TRUSTEE         752.642484           RIGHT OF ABODE         752.36957           RELEVANT RULE         752.342125           COMPELLING         752.290534           JUDICIAL SCRUTINY         752.058728           JUDICIAL RATE         750.4575           CODIFY         748.999424           JUDICIAL RESTRAINT         747.487518           DISPROPORTIONATE         743.915228           INTERFERENCE         743.103628                                      |                     | 761.92568   |
| DERELICTION         761.581965           OMBUDSMAN         761.550048           ESTOPPEL ARGUMENT         761.251429           LAWFUL         760.900816           IMMIGRATION         759.614543           NOTICE OF         759.576213           ADJUDICATION         758.77258           JUDICIAL REMEDY         757.738482           LIABILITY PRINCIPLE         757.021219           EXCLUSIONARY         756.402048           ILLEGITIMATE         755.882776           DISMISSAL         755.717514           GRATUITOUS         755.394332           JUDGMENT         754.385714           POTENTIAL WITNESS         753.833383           CORPORATE TRUSTEE         752.642484           RIGHT OF ABODE         752.36957           RELEVANT RULE         752.342125           COMPELLING         752.290534           EVIDENCE         750.526434           ADEQUATE REMEDY         750.4575           CODIFY         748.999424           JUDICIAL RESTRAINT         747.487518           DISPROPORTIONATE         743.915228           INTERFERENCE         743.905781           UNREASONABLE         743.55545           CONDUCT  |                     | 761.718352  |
| OMBUDSMAN         761.550048           ESTOPPEL ARGUMENT         761.251429           LAWFUL<br>IMMIGRATION         760.900816           FRESH NOTICE         759.614543           NOTICE OF<br>ADJUDICATION         759.576213           CONSTITUENCY         758.77258           JUDICIAL REMEDY         757.021219           EXCLUSIONARY         756.402048           ILLEGITIMATE         755.882776           DISMISSAL         755.717514           GRATUITOUS         755.394332           JUDGMENT         754.385714           POTENTIAL WITNESS         753.833383           CORPORATE TRUSTEE         752.642484           RIGHT OF ABODE         752.36957           RELEVANT RULE         752.342125           COMPELLING         752.290534           JUDICIAL SCRUTINY         752.058728           JUDICIAL RATE         750.526434           ADEQUATE REMEDY         750.4575           CODIFY         748.999424           JUDICIAL RESTRAINT         747.487518           DISPROPORTIONATE         743.905781           UNREASONABLE         743.905781           UNREASONABLE         743.103628           EMPLOYMENT         743.042851                                   |                     | 761 581965  |
| ESTOPPEL ARGUMENT 761.251429  LAWFUL IMMIGRATION 760.900816  FRESH NOTICE 759.614543  NOTICE OF ADJUDICATION 759.576213  CONSTITUENCY 758.77258  JUDICIAL REMEDY 757.738482  LIABILITY PRINCIPLE 757.021219  EXCLUSIONARY 756.402048  ILLEGITIMATE 755.882776  DISMISSAL 755.717514  GRATUITOUS 755.394332  JUDGMENT 754.385714  POTENTIAL WITNESS 753.833383  CORPORATE TRUSTEE 752.642484  RIGHT OF ABODE 752.36957  RELEVANT RULE 752.342125  COMPELLING 752.290534  JUDICIAL SCRUTINY 752.058728  JUDICIAL RATE 750.526434  ADEQUATE REMEDY 750.4575  CODIFY 748.999424  JUDICIAL RESTRAINT 747.487518  DISPROPORTIONATE 1743.915228  IRREMEDIABLE 743.905781  UNREASONABLE CONDUCT 743.042851  CIRCUMSTANTIAL EVIDENCE  EMPLOYMENT RELATIONSHIP 743.042851  TRUTHFUL WITNESS 742.97973  ORDER FOR COST 742.232552  INTERIM INTERDICT 741.895836  SERIOUS HARM 741.806206   |                     |             |
| LAWFUL         760.900816           IMMIGRATION         759.614543           NOTICE OF         759.576213           ADJUDICATION         759.576213           CONSTITUENCY         758.77258           JUDICIAL REMEDY         757.738482           LIABILITY PRINCIPLE         757.021219           EXCLUSIONARY         756.402048           ILLEGITIMATE         755.882776           DISMISSAL         755.717514           GRATUITOUS         755.394332           JUDGMENT         754.385714           POTENTIAL WITNESS         753.833383           CORPORATE TRUSTEE         752.642484           RIGHT OF ABODE         752.36957           RELEVANT RULE         752.342125           COMPELLING         752.290534           EVIDENCE         752.290534           JUDICIAL SCRUTINY         752.058728           JUDICIAL RATE         750.526434           ADEQUATE REMEDY         750.4575           CODIFY         748.999424           JUDICIAL RESTRAINT         747.487518           DISPROPORTIONATE         743.915228           IRREMEDIABLE         743.905781           UNREASONABLE         743.042851           COMPELING  |                     |             |
| IMMIGRATION         760.900816           FRESH NOTICE         759.614543           NOTICE OF<br>ADJUDICATION         759.576213           CONSTITUENCY         758.77258           JUDICIAL REMEDY         757.738482           LIABILITY PRINCIPLE         757.021219           EXCLUSIONARY         756.402048           ILLEGITIMATE         755.882776           DISMISSAL         755.717514           GRATUITOUS         755.394332           JUDGMENT         754.385714           POTENTIAL WITNESS         753.833383           CORPORATE TRUSTEE         752.642484           RIGHT OF ABODE         752.36957           RELEVANT RULE         752.342125           COMPELLING         752.290534           EVIDENCE         752.290534           JUDICIAL SCRUTINY         752.058728           JUDICIAL RATE         750.526434           ADEQUATE REMEDY         750.4575           CODIFY         748.999424           JUDICIAL RESTRAINT         747.487518           DISPROPORTIONATE         743.915228           IRREMEDIABLE         743.905781           UNREASONABLE         743.042851           CORCUMSTANTIAL         743.042851  |                     | 701.231427  |
| NOTICE OF ADJUDICATION         759.576213           CONSTITUENCY         758.77258           JUDICIAL REMEDY         757.738482           LIABILITY PRINCIPLE         757.021219           EXCLUSIONARY         756.402048           ILLEGITIMATE         755.882776           DISMISSAL         755.717514           GRATUITOUS         755.394332           JUDGMENT         754.385714           POTENTIAL WITNESS         753.833383           CORPORATE TRUSTEE         752.642484           RIGHT OF ABODE         752.36957           RELEVANT RULE         752.342125           COMPELLING         752.290534           EVIDENCE         752.290534           JUDICIAL SCRUTINY         752.058728           JUDICIAL RATE         750.526434           ADEQUATE REMEDY         750.4575           CODIFY         748.999424           JUDICIAL RESTRAINT         747.487518           DISPROPORTIONATE         743.915228           INTERFERENCE         743.905781           UNREASONABLE         743.103628           CONDUCT         743.103628           EMPLOYMENT         743.042851           TRUTHFUL WITNESS         742.97973 <t< td=""><td></td><td>760.900816</td></t<>    |                     | 760.900816  |
| ADJUDICATION         759.576213           CONSTITUENCY         758.77258           JUDICIAL REMEDY         757.738482           LIABILITY PRINCIPLE         757.021219           EXCLUSIONARY         756.402048           ILLEGITIMATE         755.882776           DISMISSAL         755.717514           GRATUITOUS         755.394332           JUDGMENT         754.385714           POTENTIAL WITNESS         753.833383           CORPORATE TRUSTEE         752.642484           RIGHT OF ABODE         752.36957           RELEVANT RULE         752.342125           COMPELLING         752.290534           EVIDENCE         752.290534           JUDICIAL SCRUTINY         752.058728           JUDICIAL RATE         750.526434           ADEQUATE REMEDY         750.4575           CODIFY         748.999424           JUDICIAL RESTRAINT         747.487518           DISPROPORTIONATE         743.915228           INTERFERENCE         743.905781           UNREASONABLE         743.103628           EMPLOYMENT         743.042851           TRUTHFUL WITNESS         742.97973           ORDER FOR COST         742.232552           I                                       | FRESH NOTICE        | 759.614543  |
| ADJUDICATION         758.77258           JUDICIAL REMEDY         757.738482           LIABILITY PRINCIPLE         757.021219           EXCLUSIONARY         756.402048           ILLEGITIMATE         755.882776           DISMISSAL         755.717514           GRATUITOUS         755.394332           JUDGMENT         754.385714           POTENTIAL WITNESS         753.833383           CORPORATE TRUSTEE         752.642484           RIGHT OF ABODE         752.36957           RELEVANT RULE         752.342125           COMPELLING         752.290534           EVIDENCE         JUDICIAL SCRUTINY         752.058728           JUDICIAL SCRUTINY         752.058728           JUDICIAL RATE         750.526434           ADEQUATE REMEDY         750.4575           CODIFY         748.999424           JUDICIAL RESTRAINT         747.487518           DISPROPORTIONATE<br>INTERFERENCE         743.915228           IUNREASONABLE<br>CONDUCT         743.0528           CIRCUMSTANTIAL<br>EVIDENCE         743.103628           EMPLOYMENT<br>RELATIONSHIP         743.042851           TRUTHFUL WITNESS         742.97973           ORDER FOR COST         742.232552           |                     | 759 576213  |
| JUDICIAL REMEDY         757.738482           LIABILITY PRINCIPLE         757.021219           EXCLUSIONARY         756.402048           ILLEGITIMATE         755.882776           DISMISSAL         755.717514           GRATUITOUS         755.394332           JUDGMENT         754.385714           POTENTIAL WITNESS         753.833383           CORPORATE TRUSTEE         752.642484           RIGHT OF ABODE         752.36957           RELEVANT RULE         752.342125           COMPELLING         752.290534           EVIDENCE         JUDICIAL SCRUTINY         752.058728           JUDICIAL RATE         750.526434           ADEQUATE REMEDY         750.4575           CODIFY         748.999424           JUDICIAL RESTRAINT         747.487518           DISPROPORTIONATE         743.915228           IRREMEDIABLE         743.905781           UNREASONABLE         743.103628           CONDUCT         743.103628           EMPLOYMENT         743.042851           TRUTHFUL WITNESS         742.97973           ORDER FOR COST         742.232552           INTERIM INTERDICT         741.895836           SERIOUS HARM         741.806206                             |                     |             |
| LIABILITY PRINCIPLE         757.021219           EXCLUSIONARY         756.402048           ILLEGITIMATE         755.882776           DISMISSAL         755.717514           GRATUITOUS         755.394332           JUDGMENT         754.385714           POTENTIAL WITNESS         753.833383           CORPORATE TRUSTEE         752.642484           RIGHT OF ABODE         752.36957           RELEVANT RULE         752.342125           COMPELLING         752.290534           EVIDENCE         752.290534           JUDICIAL SCRUTINY         752.058728           JUDICIAL RATE         750.526434           ADEQUATE REMEDY         750.4575           CODIFY         748.999424           JUDICIAL RESTRAINT         747.487518           DISPROPORTIONATE         743.915228           IRREMEDIABLE         743.905781           UNREASONABLE         743.103628           EMPLOYMENT         743.042851           TRUTHFUL WITNESS         742.232552           INTERIM INTERDICT         741.895836           SERIOUS HARM         741.806206   |                     |             |
| EXCLUSIONARY       756.402048         ILLEGITIMATE       755.882776         DISMISSAL       755.717514         GRATUITOUS       755.394332         JUDGMENT       754.385714         POTENTIAL WITNESS       753.833383         CORPORATE TRUSTEE       752.642484         RIGHT OF ABODE       752.36957         RELEVANT RULE       752.342125         COMPELLING       752.290534         EVIDENCE       752.290534         JUDICIAL SCRUTINY       752.058728         JUDICIAL RATE       750.526434         ADEQUATE REMEDY       750.4575         CODIFY       748.999424         JUDICIAL RESTRAINT       747.487518         DISPROPORTIONATE       743.915228         IRREMEDIABLE       743.905781         UNREASONABLE       743.55545         CONDUCT       743.042851         CIRCUMSTANTIAL       743.042851         TRUTHFUL WITNESS       742.97973         ORDER FOR COST       742.232552         INTERIM INTERDICT       741.895836         SERIOUS HARM       741.806206   | JUDICIAL REMEDY     | 757.738482  |
| ILLEGITIMATE         755.882776           DISMISSAL         755.717514           GRATUITOUS         755.394332           JUDGMENT         754.385714           POTENTIAL WITNESS         753.833383           CORPORATE TRUSTEE         752.642484           RIGHT OF ABODE         752.36957           RELEVANT RULE         752.342125           COMPELLING         752.290534           EVIDENCE         752.290534           JUDICIAL SCRUTINY         752.058728           JUDICIAL RATE         750.526434           ADEQUATE REMEDY         750.4575           CODIFY         748.999424           JUDICIAL RESTRAINT         747.487518           DISPROPORTIONATE         743.915228           IRREMEDIABLE         743.905781           UNREASONABLE         743.55545           CONDUCT         743.042851           CIRCUMSTANTIAL         743.042851           EMPLOYMENT         743.042851           TRUTHFUL WITNESS         742.232552           INTERIM INTERDICT         741.895836           SERIOUS HARM         741.806206  | LIABILITY PRINCIPLE | 757.021219  |
| DISMISSAL         755.717514           GRATUITOUS         755.394332           JUDGMENT         754.385714           POTENTIAL WITNESS         753.833383           CORPORATE TRUSTEE         752.642484           RIGHT OF ABODE         752.36957           RELEVANT RULE         752.342125           COMPELLING         752.290534           EVIDENCE         752.290534           JUDICIAL SCRUTINY         752.058728           JUDICIAL RATE         750.526434           ADEQUATE REMEDY         750.4575           CODIFY         748.999424           JUDICIAL RESTRAINT         747.487518           DISPROPORTIONATE         743.915228           IREMEDIABLE         743.905781           UNREASONABLE         743.55545           CONDUCT         743.103628           EMPLOYMENT         743.042851           TRUTHFUL WITNESS         742.97973           ORDER FOR COST         742.232552           INTERIM INTERDICT         741.895836           SERIOUS HARM         741.806206  | EXCLUSIONARY        | 756.402048  |
| GRATUITOUS         755.394332           JUDGMENT         754.385714           POTENTIAL WITNESS         753.833383           CORPORATE TRUSTEE         752.642484           RIGHT OF ABODE         752.36957           RELEVANT RULE         752.342125           COMPELLING         752.290534           EVIDENCE         752.290534           JUDICIAL SCRUTINY         752.058728           JUDICIAL RATE         750.526434           ADEQUATE REMEDY         750.4575           CODIFY         748.999424           JUDICIAL RESTRAINT         747.487518           DISPROPORTIONATE<br>INTERFERENCE         743.915228           IRREMEDIABLE         743.905781           UNREASONABLE<br>CONDUCT         743.103628           EMPLOYMENT<br>RELATIONSHIP         743.042851           TRUTHFUL WITNESS         742.232552           INTERIM INTERDICT         741.895836           SERIOUS HARM         741.806206  | ILLEGITIMATE        | 755.882776  |
| JUDGMENT         754.385714           POTENTIAL WITNESS         753.833383           CORPORATE TRUSTEE         752.642484           RIGHT OF ABODE         752.36957           RELEVANT RULE         752.342125           COMPELLING         752.290534           EVIDENCE         JUDICIAL SCRUTINY         752.058728           JUDICIAL RATE         750.526434           ADEQUATE REMEDY         750.4575           CODIFY         748.999424           JUDICIAL RESTRAINT         747.487518           DISPROPORTIONATE<br>INTERFERENCE         743.915228           IRREMEDIABLE         743.905781           UNREASONABLE<br>CONDUCT         743.103628           EMPLOYMENT<br>RELATIONSHIP         743.042851           TRUTHFUL WITNESS         742.232552           INTERIM INTERDICT         741.895836           SERIOUS HARM         741.806206   | DISMISSAL           | 755.717514  |
| POTENTIAL WITNESS         753.833383           CORPORATE TRUSTEE         752.642484           RIGHT OF ABODE         752.36957           RELEVANT RULE         752.342125           COMPELLING         752.290534           EVIDENCE         752.290534           JUDICIAL SCRUTINY         752.058728           JUDICIAL RATE         750.526434           ADEQUATE REMEDY         750.4575           CODIFY         748.999424           JUDICIAL RESTRAINT         747.487518           DISPROPORTIONATE<br>INTERFERENCE         743.915228           IRREMEDIABLE         743.905781           UNREASONABLE<br>CONDUCT         743.55545           CIRCUMSTANTIAL<br>EVIDENCE         743.103628           EMPLOYMENT<br>RELATIONSHIP         743.042851           TRUTHFUL WITNESS         742.232552           INTERIM INTERDICT         741.895836           SERIOUS HARM         741.806206   | GRATUITOUS          | 755.394332  |
| CORPORATE TRUSTEE         752.642484           RIGHT OF ABODE         752.36957           RELEVANT RULE         752.342125           COMPELLING         752.290534           EVIDENCE         752.290534           JUDICIAL SCRUTINY         752.058728           JUDICIAL RATE         750.526434           ADEQUATE REMEDY         750.4575           CODIFY         748.999424           JUDICIAL RESTRAINT         747.487518           DISPROPORTIONATE<br>INTERFERENCE         743.915228           IRREMEDIABLE         743.905781           UNREASONABLE<br>CONDUCT         743.103628           CIRCUMSTANTIAL<br>EVIDENCE         743.042851           EMPLOYMENT<br>RELATIONSHIP         743.042851           TRUTHFUL WITNESS         742.232552           INTERIM INTERDICT         741.895836           SERIOUS HARM         741.806206   | JUDGMENT            | 754.385714  |
| RIGHT OF ABODE         752.36957           RELEVANT RULE         752.342125           COMPELLING         752.290534           EVIDENCE         752.058728           JUDICIAL SCRUTINY         752.058728           JUDICIAL RATE         750.526434           ADEQUATE REMEDY         750.4575           CODIFY         748.999424           JUDICIAL RESTRAINT         747.487518           DISPROPORTIONATE         743.915228           IRREMEDIABLE         743.905781           UNREASONABLE         743.55545           CONDUCT         743.103628           EMPLOYMENT         743.042851           TRUTHFUL WITNESS         742.97973           ORDER FOR COST         742.232552           INTERIM INTERDICT         741.895836           SERIOUS HARM         741.806206  | POTENTIAL WITNESS   | 753.833383  |
| RELEVANT RULE         752.342125           COMPELLING<br>EVIDENCE         752.290534           JUDICIAL SCRUTINY         752.058728           JUDICIAL RATE         750.526434           ADEQUATE REMEDY         750.4575           CODIFY         748.999424           JUDICIAL RESTRAINT         747.487518           DISPROPORTIONATE<br>INTERFERENCE         743.915228           IRREMEDIABLE         743.905781           UNREASONABLE<br>CONDUCT         743.103628           CIRCUMSTANTIAL<br>EVIDENCE         743.042851           EMPLOYMENT<br>RELATIONSHIP         743.042851           TRUTHFUL WITNESS         742.232552           INTERIM INTERDICT         741.895836           SERIOUS HARM         741.806206   | CORPORATE TRUSTEE   | 752.642484  |
| COMPELLING<br>EVIDENCE         752.290534           JUDICIAL SCRUTINY         752.058728           JUDICIAL RATE         750.526434           ADEQUATE REMEDY         750.4575           CODIFY         748.999424           JUDICIAL RESTRAINT         747.487518           DISPROPORTIONATE<br>INTERFERENCE         743.915228           IRREMEDIABLE         743.905781           UNREASONABLE<br>CONDUCT         743.55545           CIRCUMSTANTIAL<br>EVIDENCE         743.103628           EMPLOYMENT<br>RELATIONSHIP         743.042851           TRUTHFUL WITNESS         742.232552           INTERIM INTERDICT         741.895836           SERIOUS HARM         741.806206   | RIGHT OF ABODE      | 752.36957   |
| EVIDENCE       752.290534         JUDICIAL SCRUTINY       752.058728         JUDICIAL RATE       750.526434         ADEQUATE REMEDY       750.4575         CODIFY       748.999424         JUDICIAL RESTRAINT       747.487518         DISPROPORTIONATE INTERFERENCE       743.915228         IRREMEDIABLE       743.905781         UNREASONABLE CONDUCT       743.103628         CIRCUMSTANTIAL EVIDENCE       743.042851         EMPLOYMENT RELATIONSHIP       742.97973         ORDER FOR COST       742.232552         INTERIM INTERDICT       741.895836         SERIOUS HARM       741.806206   | RELEVANT RULE       | 752.342125  |
| EVIDENCE         JUDICIAL SCRUTINY         752.058728           JUDICIAL RATE         750.526434           ADEQUATE REMEDY         750.4575           CODIFY         748.999424           JUDICIAL RESTRAINT         747.487518           DISPROPORTIONATE INTERFERENCE         743.915228           IRREMEDIABLE         743.905781           UNREASONABLE CONDUCT         743.55545           CIRCUMSTANTIAL EVIDENCE         743.103628           EMPLOYMENT RELATIONSHIP         743.042851           TRUTHFUL WITNESS         742.232552           INTERIM INTERDICT         741.895836           SERIOUS HARM         741.806206  | COMPELLING          | 752 200524  |
| JUDICIAL RATE         750.526434           ADEQUATE REMEDY         750.4575           CODIFY         748.999424           JUDICIAL RESTRAINT         747.487518           DISPROPORTIONATE INTERFERENCE         743.915228           IRREMEDIABLE         743.905781           UNREASONABLE CONDUCT         743.55545           CIRCUMSTANTIAL EVIDENCE         743.103628           EMPLOYMENT RELATIONSHIP         743.042851           TRUTHFUL WITNESS         742.232552           INTERIM INTERDICT         741.895836           SERIOUS HARM         741.806206  | EVIDENCE            | 752.290534  |
| ADEQUATE REMEDY 750.4575  CODIFY 748.999424  JUDICIAL RESTRAINT 747.487518  DISPROPORTIONATE 1743.915228  IRREMEDIABLE 743.905781  UNREASONABLE CONDUCT 743.55545  CIRCUMSTANTIAL EVIDENCE EMPLOYMENT RELATIONSHIP TRUTHFUL WITNESS 742.97973  ORDER FOR COST 742.232552  INTERIM INTERDICT 741.895836  SERIOUS HARM 741.806206   | JUDICIAL SCRUTINY   | 752.058728  |
| CODIFY         748.999424           JUDICIAL RESTRAINT         747.487518           DISPROPORTIONATE INTERFERENCE         743.915228           IRREMEDIABLE         743.905781           UNREASONABLE CONDUCT         743.55545           CIRCUMSTANTIAL EVIDENCE         743.103628           EMPLOYMENT RELATIONSHIP         743.042851           TRUTHFUL WITNESS         742.232552           INTERIM INTERDICT         741.895836           SERIOUS HARM         741.806206  | JUDICIAL RATE       | 750.526434  |
| JUDICIAL RESTRAINT         747.487518           DISPROPORTIONATE INTERFERENCE         743.915228           IRREMEDIABLE         743.905781           UNREASONABLE CONDUCT         743.55545           CIRCUMSTANTIAL EVIDENCE         743.103628           EMPLOYMENT RELATIONSHIP         743.042851           TRUTHFUL WITNESS         742.97973           ORDER FOR COST         742.232552           INTERIM INTERDICT         741.895836           SERIOUS HARM         741.806206   | ADEQUATE REMEDY     | 750.4575    |
| DISPROPORTIONATE       743.915228         INTERFERENCE       743.905781         UNREASONABLE       743.55545         CONDUCT       743.103628         EVIDENCE       743.042851         TRUTHFUL WITNESS       742.232552         INTERIM INTERDICT       741.895836         SERIOUS HARM       741.806206  | CODIFY              | 748.999424  |
| INTERFERENCE       743.915228         IRREMEDIABLE       743.905781         UNREASONABLE       743.55545         CONDUCT       743.103628         EVIDENCE       743.042851         EMPLOYMENT       743.042851         TRUTHFUL WITNESS       742.97973         ORDER FOR COST       742.232552         INTERIM INTERDICT       741.895836         SERIOUS HARM       741.806206   | JUDICIAL RESTRAINT  | 747.487518  |
| INTERFERENCE         IRREMEDIABLE       743.905781         UNREASONABLE       743.55545         CONDUCT       743.103628         EVIDENCE       743.042851         EMPLOYMENT       742.97973         ORDER FOR COST       742.232552         INTERIM INTERDICT       741.895836         SERIOUS HARM       741.806206  | DISPROPORTIONATE    | 7/13 915228 |
| UNREASONABLE CONDUCT CIRCUMSTANTIAL EVIDENCE EMPLOYMENT RELATIONSHIP TRUTHFUL WITNESS ORDER FOR COST INTERIM INTERDICT SERIOUS HARM 743.55545 743.103628 743.042851 7443.042851 7442.232552 742.232552  |                     |             |
| CONDUCT 743.55545  CIRCUMSTANTIAL EVIDENCE 743.103628  EMPLOYMENT 743.042851  TRUTHFUL WITNESS 742.97973  ORDER FOR COST 742.232552  INTERIM INTERDICT 741.895836  SERIOUS HARM 741.806206  |                     | 743.905781  |
| CIRCUMSTANTIAL EVIDENCE EMPLOYMENT RELATIONSHIP TRUTHFUL WITNESS ORDER FOR COST INTERIM INTERDICT 743.042851 743.042851 742.97973 742.232552 742.232552 741.895836 SERIOUS HARM 741.806206  |                     | 743.55545   |
| EVIDENCE 743.103628  EMPLOYMENT 743.042851  TRUTHFUL WITNESS 742.97973  ORDER FOR COST 742.232552  INTERIM INTERDICT 741.895836  SERIOUS HARM 741.806206  |                     | 742 102 (20 |
| RELATIONSHIP       743.042851         TRUTHFUL WITNESS       742.97973         ORDER FOR COST       742.232552         INTERIM INTERDICT       741.895836         SERIOUS HARM       741.806206   |                     | 745.105628  |
| TRUTHFUL WITNESS 742.97973 ORDER FOR COST 742.232552 INTERIM INTERDICT 741.895836 SERIOUS HARM 741.806206   |                     | 743.042851  |
| ORDER FOR COST         742.232552           INTERIM INTERDICT         741.895836           SERIOUS HARM         741.806206  |                     | 742 07072   |
| INTERIM INTERDICT 741.895836<br>SERIOUS HARM 741.806206   |                     |             |
| SERIOUS HARM 741.806206   |                     |             |
|   |                     |             |
| REASONABLE 740.883817   |                     |             |
|   | REASONABLE          | 740.883817  |

| CONCLUSION                |            |
|---------------------------|------------|
|                           | 740 551000 |
| SOIL ADMINISTRATION OF    | 740.551989 |
| JUSTICE JUSTICE           | 739.066301 |
| REAL EVIDENCE             | 738.369639 |
| LAW DOCTRINE              | 738.290289 |
| ENURE                     | 737.644411 |
| PARAMOUNT                 | 737.081195 |
| CONSIDERATION             | 737.001175 |
| SUBSTANTIAL<br>DAMAGE     | 736.811287 |
| FURTHERANCE               | 736.165495 |
| CURTILAGE                 | 735.88927  |
| CALUMNY                   | 735.606742 |
| UNSOUNDNESS               | 735.422058 |
| SSA                       | 734.121762 |
| STATUTORY                 |            |
| ENTITLEMENT               | 732.540175 |
| PHYSICAL HARM             | 729.874573 |
| AWAIT                     | 729.465324 |
| INTANGIBLE                | 729.350274 |
| EXTENDED SENTENCE         | 728.730286 |
| MISJOINDER                | 728.518885 |
| AFFILIATION               | 725.519469 |
| BINDING CONTRACT          | 725.49368  |
| ACT OF<br>DISCRIMINATION  | 725.124287 |
| STATUTORY TORT            | 724.866013 |
| UNADMINISTERED            | 724.487131 |
| APPEAL PROCEDURE          | 724.056058 |
| INJURY PROCEDURE          | 722.285825 |
| JUDICIAL INQUIRY          | 721.93225  |
| PENSIONER                 | 721.635758 |
| INCOMPETENCE              | 721.519955 |
| LIQUID DEBT               | 721.439093 |
| GIVE JUDGMENT             | 720.688461 |
| STATUTORY<br>JURISDICTION | 720.597808 |
| RELEVANT WITNESS          | 718.121441 |
| LEGAL TEAM                | 717.587043 |
| ALLEGED OFFENCE           | 717.342954 |
| DETER                     | 716.850034 |
| PRUDENCE                  | 716.327514 |
| LEGAL ESTATE              | 715.18431  |
| RESIDE                    | 713.281421 |
| CAUSATIVE                 |            |
| CONDITION                 | 711.497845 |
| ADMINISTRATIVE ACT        | 710.429573 |

| ABRIDGE                     | 710.056864 |
|-----------------------------|------------|
| ABSOLUTE RIGHT              | 709.408668 |
| TAX EVASION                 | 709.40079  |
| SHERIFF                     | 709.080259 |
| COUNCIL TAX                 | 707.751979 |
| BENEFIT                     | 707.731373 |
| ILLEGAL ENTRY               | 707.410176 |
| PECUNIARY INTEREST          | 706.564285 |
| SECOND JUDGMENT             | 706.046208 |
| PURPOSIVE                   | 705.524696 |
| UNDERLEASE                  | 705.293221 |
| ARRAIGNMENT                 | 703.677454 |
| ILLEGAL ACT                 | 702.572082 |
| VIOLATE                     | 702.261345 |
| DISFIGUREMENT               | 701.666903 |
| DISCIPLINARY                | 701.407164 |
| PROCESS<br>LEGAL COST       | 701.271329 |
| SERVIENT SERVIENT           | 700.059141 |
| PERIL                       | 699.645955 |
| PAUCITY                     | 699.30504  |
| NET ASSET                   | 697.320916 |
| CAUSALLY                    | 697.247789 |
| APPROPRIATE                 | 696.490454 |
| JURISDICTION                |            |
| CONSENSUAL                  | 696.103231 |
| SUBSIDIARY                  | 695.980146 |
| CIVIL CASE                  | 694.017992 |
| FALSE IDENTITY              | 694.000445 |
| PRONOUNCEMENT               | 693.587871 |
| INDICIA                     | 693.283604 |
| RECIPROCAL                  | 692.567047 |
| TAX RELIEF                  | 692.547517 |
| MANIPULATION                | 690.815539 |
| ROYALTY                     | 689.765374 |
| STANDARD                    | 689.300424 |
| CONDITION                   |            |
| DELEGATION                  | 687.179802 |
| ADDITIONAL<br>CONSIDERATION | 686.728222 |
| INTERIM INJUNCTION          | 685.88646  |
| CLANDESTINE                 | 685.048437 |
| DETAILED EVIDENCE           | 682.034562 |
| ULTIMATE QUESTION           | 680.298032 |
| ANCILLARY                   | 680.082807 |
| LIQUIDATION                 |            |
| SUBSTANTIATE                | 680.040515 |
| CIRCUMVENT                  | 679.587575 |
|                             |            |

| ON TO EFFECT             | 670 207717 |
|--------------------------|------------|
| GIVE EFFECT              | 679.307717 |
| EVIDENTIAL BASIS         | 678.925679 |
| HEIR                     | 678.132826 |
| FLAGRANT DENIAL          | 678.122699 |
| EMBARGO                  | 677.606758 |
| JUDICIAL SYSTEM          | 677.472656 |
| APPEALABLE               | 677.310891 |
| LEGAL CONSEQUENCE        | 677.302725 |
| UNDERVALUE               | 677.065888 |
| SUSPECT                  | 675.859814 |
| UNDUE PRESSURE           | 675.248978 |
| CULPABLE                 | 675.203465 |
| NEGLIGENCE               |            |
| INMATE                   | 674.273521 |
| REVERT                   | 674.017417 |
| AUTHORITATIVE            | 673.863254 |
| RELATIONSHIP OF<br>TRUST | 673.148153 |
| PROSECUTION<br>WITNESS   | 671.695943 |
| LAWFUL ORIGIN            | 671.603954 |
| RECOUP                   | 670.731526 |
| CONCURRENT DUTY          | 670.295352 |
| RUBRIC                   | 669.152147 |
| EXPEL                    | 667.637258 |
| DILUTION                 | 667.175113 |
| ELIMINATE                | 666.497056 |
| STATUTORY INQUIRY        | 666.373585 |
| MOLESTATION              | 665.553882 |
| INDUCE                   | 664.992787 |
| MISAPPREHENSION          | 663.760548 |
| REINSURANCE              |            |
| CONTRACT                 | 661.98407  |
| INDEX OFFENCE            | 661.607657 |
| ADDITIONAL               | 660.479338 |
| LIABILITY                |            |
| LORD JUSTICE             | 660.251264 |
| DOWRY                    | 659.983431 |
| ILLIQUID                 | 659.443016 |
| RELEVANT DECISION        | 658.90953  |
| SATISFACTORY<br>EVIDENCE | 658.293509 |
| ORDINARY RULE            | 655.949464 |
| REVIVE                   | 655.732964 |
| CONTRACT OF              | 655.437718 |
| SERVICE                  | 000.107710 |
| AVOIDANCE OF<br>DOUBT    | 654.692315 |
| CAROUSEL FRAUD           | 653.863382 |
|                          |            |

| DICADDDOVAL               | 652 59200  |
|---------------------------|------------|
| DISAPPROVAL               | 653.58209  |
| PATENT                    | 653.372127 |
| CAPITALISATION            | 652.753993 |
| IRRECOVERABILITY          | 652.409275 |
| WARN                      | 652.276948 |
| CONCEPTION                | 652.218137 |
| PROBATE DUTY              | 651.611985 |
| PRELIMINARY PROOF         | 649.748131 |
| CRIMINAL                  | 649.561335 |
| CULPABILITY               | (49.2275/7 |
| UNMERITORIOUS             | 648.237567 |
| FULL JURISDICTION         | 646.773908 |
| CONFISCATION<br>PROCEDURE | 646.693843 |
| PERSONAL SERVICE          | 646.551088 |
| REASONED                  | 646.362689 |
| LEGAL ORDER               | 644.922619 |
| CRIMINAL SANCTION         | 644.708066 |
| COUNTERPART               | 644.63464  |
| RELAXATION                | 644.494236 |
| TENANCY                   | 644.460004 |
|                           |            |
| ORDER                     | 643.619051 |
| ABSCONDER                 | 642.957822 |
| UNIDENTIFIED<br>WITNESS   | 642.448672 |
| INTERLOCUTORY             | 641.550640 |
| APPEAL                    | 641.552649 |
| OBSCURE                   | 641.456436 |
| ATTORNEY                  | 641.359375 |
| PRESUME                   | 641.012149 |
| MATRILINEAL               | 638.38994  |
| DESCENT                   |            |
| PRACTICABILITY            | 637.712011 |
| ALLEGED<br>DISCRIMINATOR  | 637.274874 |
| PARTICULAR WITNESS        | 637.057846 |
| UNIDENTIFIED              | 636.918495 |
| WITNESS<br>JEOPARDISE     | 636.13123  |
| AUTHENTICITY              | 635.720333 |
| PTWD                      |            |
|                           | 634.818288 |
| ACTUAL WORDING            | 633.553777 |
| SUBSTANTIAL RISK          | 633.33132  |
| SUBSTANTIALLY             | 633.22951  |
| OBSTRUCT                  | 633.21992  |
| CONDEMN                   | 632.827366 |
| SETTLEMENT                | 632.576504 |
| SUBSTANTIVE               | 632.199386 |
| BREACH                    |            |

| A DDELL A TE   | T          |
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| APPELLATE<br>AUTHORITY   | 631.77029  |
| NOTORIOUS  | 631.27852  |
| ANTEDATE   | 630.239385 |
| SOLICITATION   | 630.088707 |
| SEIZURE  | 629.61145  |
| PUTATIVE EMPLOYEE  | 629.241758 |
| NOMINAL RATE   | 628.405187 |
| STATUTORY NOTICE   | 627.632797 |
| INCONGRUITY  | 627.36706  |
| LEGAL EMPLOYMENT   | 627.219921 |
| CONTRACTUAL  |            |
| OBLIGATION   | 626.839042 |
| EXCLUSIONARY RULE  | 625.318451 |
| PUNISHABLE   | 624.390067 |
| DELIBERATION   | 624.348155 |
| ACTUAL SEISIN  | 622.299887 |
| PROTECTION   | 622.232365 |
| EVIDENTIARY  | 622.106349 |
| LAXITY   | 621.112141 |
| SAR  | 620.773282 |
| PECUNIARY LOSS   | 620.250054 |
| LEGAL  | 619.79102  |
| PARTIAL IMPUTATION   | 619.381395 |
| ABSENCE OF<br>EVIDENCE   | 618.956357 |
| DISCLOSE   | 618.714845 |
| SPECIFIC INTENT  | 618.578772 |
| TAXABLE PERSON   | 618.210823 |
| SECONDMENT   | 617.476347 |
| DECEASED PERSON  | 617.400529 |
| LEGAL ISSUE  | 617.133914 |
| TAP  | 616.988583 |
|  | 0-000      |
| CLARIFICATION<br>UNDUE   | 616.067398 |
| INTERFERENCE   | 615.712876 |
| UNREASONABLY   | 615.589418 |
| FAMILY HOME  | 615.06849  |
| PATENT   | 614.853541 |
| INFRINGEMENT<br>OBVIOUS ERROR  | 614.742916 |
| RENT LIABILITY   | 614.742916 |
| LEND   | 614.459666 |
| JUDICIALISATION  |            |
|  | 613.956007 |
| VERACITY   | 613.282225 |
| LAW DUTY   | 612.815389 |
| TESTIFY EDUCATE OF THE STATE OF | 611.160104 |
| FRESH INQUEST  | 609.888961 |

| REBATE                   | 600 922004 |
|--------------------------|------------|
|                          | 609.833094 |
| QUESTIONABLE             | 609.530754 |
| MISCONCEIVE              | 608.143538 |
| CONNIVANCE               | 607.93267  |
| DUTY OF TRUST            | 607.691336 |
| PROSTITUTION             | 607.297072 |
| CURIAL                   | 607.102459 |
| GOOD JUDGMENT            | 606.956737 |
| PROSECUTOR               | 606.9563   |
| ACTIONABLE BREACH        | 605.970583 |
| DOMESTIC COURT           | 605.913835 |
| DESTITUTE                | 605.847956 |
| ALLEGED                  | 605.066841 |
| INFRINGEMENT             | 003.000841 |
| RESTORE                  | 604.781541 |
| PRECURSOR                | 604.771704 |
| STATUTE BILL             | 603.833445 |
| ASSIGNOR                 | 603.603213 |
| CONCURRENT               | 603.200126 |
| SENTENCE<br>ELL LUDCMENT |            |
| FULL JUDGMENT            | 602.623304 |
| FULL ARGUMENT            | 602.5018   |
| ADJUDGE                  | 599.582358 |
| PAROLE                   | 599.399399 |
| DOUBTFUL                 | 598.849099 |
| REMEDIAL WORK            | 598.840797 |
| PROPRIETARY CLAIM        | 597.777524 |
| LINKAGE                  | 595.843997 |
| TERM CONTRACT            | 595.734941 |
| COVER                    | 595.308654 |
| WITNESS SUMMONS          | 595.046835 |
| SPECIFIC EVIDENCE        | 593.337363 |
| COMPILATION              | 592.294194 |
| NUPTIAL CONTRACT         | 592.196911 |
| WILFUL DISREGARD         | 591.925406 |
| PERMANENT                | 588.598953 |
| ACCOMMODATION            |            |
| CIVIL CLAIM              | 587.884093 |
| WILFUL NEGLECT           | 586.295005 |
| INSPECT                  | 585.997702 |
| INDICTABLE               | 585.098614 |
| APPARENTLY               | 583.571413 |
| WRONGFUL<br>DISMISSAL    | 583.510506 |
| RESTRAIN                 | 582.705724 |
| QUALIFIED                | 582.535362 |
| EXEMPTION                |            |
| RELEVANT                 | 582.379701 |

| DOCUMENT                  |            |
|---------------------------|------------|
| LAWFUL TAX                | 582.145903 |
| LEGAL NATURE              | 582.059809 |
| SOUND                     | 581.926156 |
| PREDECEASE                | 581.44267  |
|                           |            |
| DEMOTION ORDER            | 580.841103 |
| ALLEGIANCE                | 580.73766  |
| PRIMARY CASE              | 579.685691 |
| SWEAR                     | 579.328489 |
| JUDICIAL<br>CONSIDERATION | 578.907212 |
| EX P.                     | 578.167618 |
| DILATORY                  | 577.169193 |
| TRIAL DATE                | 576.445126 |
| CRUX                      | 576.325919 |
| STATUTORY<br>EXPRESSION   | 575.40516  |
| EXTINGUISH                | 574.90924  |
| UNOPPOSED                 | 574.736132 |
| REFERENDUM                | 574.667969 |
| ADMINISTER                | 574.294258 |
| ADVERSE INTEREST          | 573.760721 |
| LAWFUL LITIGATION         | 573.224824 |
| LEGAL ERROR               | 572.810087 |
| LEGAL PERSONALITY         | 572.439888 |
| UNLAWFUL TAX              | 572.234945 |
| FABRICATION               | 572.210741 |
| OUTLAY                    | 571.770862 |
|                           |            |
| PARENTAL RIGHT            | 571.590204 |
| PREJUDICE                 | 571.173473 |
| FALSE DOCUMENT            | 570.376284 |
| CRIMINAL PROCESS          | 570.057129 |
| LAWFUL USE                | 569.764447 |
| TRUTHFUL                  | 568.514727 |
| UNANIMOUS<br>JUDGMENT     | 568.272651 |
| RATEPAYER                 | 567.748278 |
| STATUTORY CAP             | 567.72736  |
| RESUME                    | 566.797418 |
| DIVULGE                   | 566.388519 |
| PROPERTY DAMAGE           | 566.23864  |
| BANKRUPTCY<br>PETITION    | 565.491384 |
| SOLE TRUSTEE              | 565.363777 |
| CONSISTENTLY              | 565.296146 |
| BASIC RULE                | 564.96129  |
| DELINQUENCY               | 564.526421 |
|                           | 20         |

| SUPERVISE               | 564.313643 |
|-------------------------|------------|
| PRESUMED                | 563.908968 |
| SUSPICIOUS              | 562.29283  |
| RECORD                  | 562.2324   |
| CONVERT                 | 561.690079 |
| VEIL                    | 561.678174 |
| LAWFUL DIVIDEND         | 560.775561 |
| INCLINATION             | 560.521824 |
| DISCOVER                | 559.446001 |
| OVERSUBSCRIPTION        | 559.033197 |
| GAOLER                  | 558.556828 |
| PERSECUTE               | 558.404525 |
| RIGHT OF ACTION         | 558.208266 |
| COMPETENT COURT         | 558.062351 |
| LICENSE AGREEMENT       | 557.250339 |
| COMMUNITY ORDER         | 557.11275  |
| COMPATIBILITY           | 555.690441 |
| FOUL                    | 555.677745 |
| LEGISLATIVE             | 333.077743 |
| PROVISION               | 555.574116 |
| TITHE                   | 554.256054 |
| OBSTACLE                | 553.999003 |
| FORESIGHT               | 553.704195 |
| UNSECURED<br>CREDITOR   | 553.062649 |
| SUBSTANTIAL SUM         | 552.925232 |
| INTERPRET               | 552.638481 |
| DEMURRAGE               | 551.957087 |
| FURTHER                 | 550.617045 |
| CONSIDERATION           | 330.617043 |
| LAWFUL<br>TERMINATION   | 550.408473 |
| CIVIL PARTNER           | 549.99248  |
| DISHONESTLY             | 549.311972 |
| IMMOVEABLE              | 549.234563 |
| INCORPOREAL             | 548.827842 |
| QUESTION OF LAW         | 548.190761 |
| INADMISSIBLE<br>HEARSAY | 547.85458  |
| PROPERTY LAW            | 547.29482  |
| PRONOUNCE               | 547.222852 |
| CONCLUSIVE              |            |
| EVIDENCE                | 545.506892 |
| ORDINARY CASE           | 545.468006 |
| ABUSE                   | 545.321349 |
| APPELLATE               | 544.93395  |
| ADMINISTRATIVE          | 544.707158 |
| DISCRETION              | 2111707130 |

| IDHAIONAI                   | 542.05.02     |
|-----------------------------|---------------|
| UNKNOWN                     | 542.85683     |
| UKHL                        | 542.692579    |
| JUDICIAL FACT               | 542.027387    |
| INCITEMENT                  | 541.352785    |
| RECLAIM                     | 541.314941    |
| ENFORCEABLE<br>JUDGMENT     | 539.435915    |
| BELONGING                   | 539.179972    |
| VOID                        | 539.018804    |
| REASONABLE<br>CERTAINTY     | 538.763564    |
| JUDICIAL OATH               | 536.411154    |
| NOTIFICATION<br>REQUIREMENT | 536.348875    |
| MORAL TURPITUDE             | 535.749219    |
| PROSECUTE                   | 533.987445    |
| MATTER OF LAW               | 532.637024    |
| FRUSTRATE                   | 532.503117    |
| LEGAL SYSTEM                | 532.236101    |
| ADULTERY                    | 532.08194     |
|                             |               |
| MANDAMUS                    | 530.742498    |
| PRIMARY FACT                | 529.811088    |
| EXCEPTIO                    | 529.578887    |
| EVALUATIVE<br>JUDGMENT      | 529.560381    |
| PERTINENT                   | 529.485248    |
| INURE                       | 528.732868    |
| TERMS OF CLAUSE             | 528.249212    |
| CONTRACTUAL DUTY            | 527.887518    |
| PROVABLE                    | 527.826626    |
| ENCUMBER                    | 527.4671      |
| BASIS OF PLEA               | 527.315862    |
|                             |               |
| GRATUITOUS BENEFIT ABSOLUTE | 525.782413    |
| DISCRETION                  | 525.633948    |
| RESIGN                      | 525.377396    |
| DECISIVE RULE               | 524.626623    |
| ANCILLARY<br>LIQUIDATOR     | 524.603383    |
| PERSONALLY                  | 522.678856    |
| LEGAL BURDEN                | 522.658446    |
| UNUSUAL<br>CIRCUMSTANCE     | 522.451527    |
| INTERNATIONAL<br>COMITY     | 522.431157    |
| PROBATIONARY<br>PERIOD      | 522.280337    |
| ADMINISTRATIVE<br>ERROR     | 521.734445    |
| DATE OF                     | 521.498633    |
|                             | 1 - 21.170033 |

| REGISTRAR 521.035549 NORMAL PROCEDURE 520.490008 IMPUTABLE 520.461801 TRAFFICKING 520.366092 SEXUAL ASSAULT 520.327896 FORCIBLE 520.288582 PRECINCT 520.286064 VALUABLE CONSIDERATION 520.276412 AGGRESSIVE BEHAVIOUR 520.082416 JUDICIAL ROLE 519.266391 ALIBI 519.005973 MATRIMONIAL ASSET 518.082792 CAUSATIVE EFFECT 517.943887 DEFERMENT 517.45161 LIMITED 517.295299 ORDINARY COURT 517.253453 UNREGISTERED 517.205129 LAWFUL PROPERTY 516.283103 AMENABILITY 516.269907 QUOTATION 516.246381 FORMAL CONTRACT 516.161133 PLENARY 515.723956 DISABILITY 515.144797 BASTARD 515.056302 CONFISCATION 516.246381 FORMAL CONTRACT 516.161133 PLENARY 515.723956 DISABILITY 515.144797 BASTARD 515.056302 CONFISCATION 516.246184 NOTICE OF READINESS 510.81044 FINAL SENTENCE 510.653201 ABSOLUTE PRIVILEGE 510.315864 MANIFEST ERROR 510.157564 STATUTORY COMPENSATION 509.987337 DO JUSTICE 509.205031 PRIMARY 509.127168 ROTATION 508.84637 CONTAINMENT 508.617704 STATE 508.445254 INCORPOREAL PROPERTY 508.359718  |                    | ı           |
|--|--------------------|-------------|
| NORMAL PROCEDURE   520.490008     IMPUTABLE   520.461801     TRAFFICKING   520.366092     SEXUAL ASSAULT   520.327896     FORCIBLE   520.288582     PRECINCT   520.286064     VALUABLE   CONSIDERATION   AGGRESSIVE     BEHAVIOUR   520.082416     JUDICIAL ROLE   519.266391     ALIBI   519.005973     MATRIMONIAL ASSET   518.082792     CAUSATIVE EFFECT   517.943887     DEFERMENT   517.45161     LIMITED   517.295299     ORDINARY COURT   517.253453     UNREGISTERED   517.205129     LAWFUL PROPERTY   516.283103     AMENABILITY   516.269907     QUOTATION   516.246381     FORMAL CONTRACT   516.161133     PLENARY   515.723956     DISABILITY   515.144797     BASTARD   515.056302     CONFISCATION   PROCEEDING   NOTICE OF READINESS   512.16776     SHORT JUDGMENT   511.818746     MAIN ISSUE   510.85107     ERRONEOUS BASIS   510.81044     FINAL SENTENCE   510.653201     ABSOLUTE PRIVILEGE   510.315864     MANIFEST ERROR   510.157564     STATUTORY   509.987337     COMPENSATION   509.987337     DO JUSTICE   509.205031     PRIMARY   509.127168     ROTATION   508.84637     CONTAINMENT   508.445254     INCORPOREAL   508.359718                             | TERMINATION        |             |
| IMPUTABLE         520.461801           TRAFFICKING         520.366092           SEXUAL ASSAULT         520.327896           FORCIBLE         520.288582           PRECINCT         520.286064           VALUABLE         520.276412           CONSIDERATION         AGGRESSIVE           BEHAVIOUR         520.269345           VEXATION         520.082416           JUDICIAL ROLE         519.266391           ALIBI         519.005973           MATRIMONIAL ASSET         518.082792           CAUSATIVE EFFECT         517.43887           DEFERMENT         517.295299           ORDINARY COURT         517.295299           ORDINARY COURT         517.205129           LAWFUL PROPERTY         516.283103           AMENABILITY         516.269907           QUOTATION         516.269907           QUOTATION         516.161133           PLENARY         515.723956           DISABILITY         515.144797           BASTARD         515.056302           CONFISCATION         512.491643           NOTICE OF         512.16776           SHORT JUDGMENT         511.818746           MAIN ISSUE         510.653201   | REGISTRAR          | 521.035549  |
| TRAFFICKING 520.366092 SEXUAL ASSAULT 520.327896 FORCIBLE 520.288582 PRECINCT 520.286064 VALUABLE 520.276412 CONSIDERATION 520.269345 VEXATION 520.082416 JUDICIAL ROLE 519.266391 ALIBI 519.005973 MATRIMONIAL ASSET 518.082792 CAUSATIVE EFFECT 517.943887 DEFERMENT 517.45161 LIMITED 517.295299 ORDINARY COURT 517.253453 UNREGISTERED 517.205129 LAWFUL PROPERTY 516.283103 AMENABILITY 516.269907 QUOTATION 516.246381 FORMAL CONTRACT 516.161133 PLENARY 515.723956 DISABILITY 515.144797 BASTARD 515.056302 CONFISCATION 512.491643 NOTICE OF READINESS 510.885107 ERRONEOUS BASIS 510.81044 FINAL SENTENCE 510.653201 ABSOLUTE PRIVILEGE 510.315864 MANIFEST ERROR 510.157564 STATUTORY 509.987337 COMPENSATION 508.84637 CONTAINMENT 508.617704 STATE 508.445254 INCORPOREAL 508.359718  | NORMAL PROCEDURE   | 520.490008  |
| SEXUAL ASSAULT         520.327896           FORCIBLE         520.288582           PRECINCT         520.286064           VALUABLE         520.276412           CONSIDERATION         520.269345           WEXATION         520.082416           JUDICIAL ROLE         519.266391           ALIBI         519.005973           MATRIMONIAL ASSET         518.082792           CAUSATIVE EFFECT         517.943887           DEFERMENT         517.45161           LIMITED         517.295299           ORDINARY COURT         517.295299           ORDINARY COURT         517.205129           LAWFUL PROPERTY         516.283103           AMENABILITY         516.269907           QUOTATION         516.246381           FORMAL CONTRACT         516.161133           PLENARY         515.723956           DISABILITY         515.056302           CONFISCATION         512.491643           NOTICE OF         512.16776           READINESS         510.885107           ERRONEOUS BASIS         510.885107           ERRONEOUS BASIS         510.653201           ABSOLUTE PRIVILEGE         510.315864           MANIFEST ERROR         510.   | IMPUTABLE          | 520.461801  |
| FORCIBLE         520.288582           PRECINCT         520.286064           VALUABLE         520.276412           CONSIDERATION         520.269345           BEHAVIOUR         520.082416           JUDICIAL ROLE         519.266391           ALIBI         519.005973           MATRIMONIAL ASSET         518.082792           CAUSATIVE EFFECT         517.943887           DEFERMENT         517.45161           LIMITED         517.295299           ORDINARY COURT         517.253453           UNREGISTERED         517.205129           LAWFUL PROPERTY         516.283103           AMENABILITY         516.269907           QUOTATION         516.246381           FORMAL CONTRACT         516.161133           PLENARY         515.723956           DISABILITY         515.144797           BASTARD         515.056302           CONFISCATION         512.491643           NOTICE OF         512.16776           SHORT JUDGMENT         511.818746           MAIN ISSUE         510.885107           ERRONEOUS BASIS         510.81044           FINAL SENTENCE         510.653201           ABSOLUTE PRIVILEGE         510.315864 <td>TRAFFICKING</td> <td>520.366092</td>         | TRAFFICKING        | 520.366092  |
| PRECINCT         520.286064           VALUABLE         520.276412           CONSIDERATION         520.269345           BEHAVIOUR         520.082416           JUDICIAL ROLE         519.266391           ALIBI         519.005973           MATRIMONIAL ASSET         518.082792           CAUSATIVE EFFECT         517.943887           DEFERMENT         517.45161           LIMITED         517.295299           ORDINARY COURT         517.253453           UNREGISTERED         517.205129           LAWFUL PROPERTY         516.283103           AMENABILITY         516.269907           QUOTATION         516.246381           FORMAL CONTRACT         516.161133           PLENARY         515.723956           DISABILITY         515.144797           BASTARD         515.056302           CONFISCATION         512.491643           NOTICE OF         512.16776           SHORT JUDGMENT         511.818746           MAIN ISSUE         510.885107           ERRONEOUS BASIS         510.81044           FINAL SENTENCE         510.653201           ABSOLUTE PRIVILEGE         510.315864           MANIFEST ERROR         510.157   | SEXUAL ASSAULT     | 520.327896  |
| VALUABLE<br>CONSIDERATION         520.276412           AGGRESSIVE<br>BEHAVIOUR         520.269345           VEXATION         520.082416           JUDICIAL ROLE         519.266391           ALIBI         519.005973           MATRIMONIAL ASSET         518.082792           CAUSATIVE EFFECT         517.943887           DEFERMENT         517.45161           LIMITED         517.295299           ORDINARY COURT         517.205129           LAWFUL PROPERTY         516.283103           AMENABILITY         516.269907           QUOTATION         516.246381           FORMAL CONTRACT         516.161133           PLENARY         515.723956           DISABILITY         515.056302           CONFISCATION         512.491643           NOTICE OF         512.16776           READINESS         512.891643           NOTICE OF         510.885107           ERRONEOUS BASIS         510.885107           ERRONEOUS BASIS         510.653201           ABSOLUTE PRIVILEGE         510.315864           MANIFEST ERROR         510.157564           STATUTORY         509.987337           DO JUSTICE         509.205031           PRIMARY  | FORCIBLE           | 520.288582  |
| CONSIDERATION         520.276412           AGGRESSIVE         520.269345           VEXATION         520.082416           JUDICIAL ROLE         519.266391           ALIBI         519.005973           MATRIMONIAL ASSET         518.082792           CAUSATIVE EFFECT         517.943887           DEFERMENT         517.45161           LIMITED         517.295299           ORDINARY COURT         517.253453           UNREGISTERED         517.205129           LAWFUL PROPERTY         516.283103           AMENABILITY         516.269907           QUOTATION         516.246381           FORMAL CONTRACT         516.161133           PLENARY         515.723956           DISABILITY         515.144797           BASTARD         515.056302           CONFISCATION         512.491643           NOTICE OF         512.16776           SHORT JUDGMENT         511.818746           MAIN ISSUE         510.653201           ABSOLUTE PRIVILEGE         510.653201           ABSOLUTE PRIVILEGE         510.157564           STATUTORY         509.987337           DO JUSTICE         509.205031           PRIMARY         509.127168 </td <td>PRECINCT</td> <td>520.286064</td>      | PRECINCT           | 520.286064  |
| CONSIDERATION         520.269345           BEHAVIOUR         520.082416           JUDICIAL ROLE         519.266391           ALIBI         519.005973           MATRIMONIAL ASSET         518.082792           CAUSATIVE EFFECT         517.943887           DEFERMENT         517.45161           LIMITED         517.295299           ORDINARY COURT         517.253453           UNREGISTERED         517.205129           LAWFUL PROPERTY         516.283103           AMENABILITY         516.269907           QUOTATION         516.246381           FORMAL CONTRACT         516.161133           PLENARY         515.723956           DISABILITY         515.144797           BASTARD         515.056302           CONFISCATION         512.491643           NOTICE OF         512.16776           SHORT JUDGMENT         511.818746           MAIN ISSUE         510.885107           ERRONEOUS BASIS         510.81044           FINAL SENTENCE         510.653201           ABSOLUTE PRIVILEGE         510.315864           MANIFEST ERROR         510.157564           STATUTORY         509.987337           COMPENSATION         50   | VALUABLE           | 520.256412  |
| BEHAVIOUR         520.269345           VEXATION         520.082416           JUDICIAL ROLE         519.266391           ALIBI         519.005973           MATRIMONIAL ASSET         518.082792           CAUSATIVE EFFECT         517.943887           DEFERMENT         517.45161           LIMITED         517.295299           ORDINARY COURT         517.253453           UNREGISTERED         517.205129           LAWFUL PROPERTY         516.283103           AMENABILITY         516.269907           QUOTATION         516.246381           FORMAL CONTRACT         516.161133           PLENARY         515.723956           DISABILITY         515.144797           BASTARD         515.056302           CONFISCATION         PROCEEDING           NOTICE OF         512.491643           NOTICE OF         512.16776           SHORT JUDGMENT         511.818746           MAIN ISSUE         510.885107           ERRONEOUS BASIS         510.81044           FINAL SENTENCE         510.653201           ABSOLUTE PRIVILEGE         510.157564           STATUTORY         509.987337           COMPENSATION         509.987337 </td <td>CONSIDERATION</td> <td>520.276412</td> | CONSIDERATION      | 520.276412  |
| BEHAVIOUR         520.082416           JUDICIAL ROLE         519.266391           ALIBI         519.005973           MATRIMONIAL ASSET         518.082792           CAUSATIVE EFFECT         517.943887           DEFERMENT         517.45161           LIMITED         517.295299           ORDINARY COURT         517.205129           LAWFUL PROPERTY         516.283103           AMENABILITY         516.269907           QUOTATION         516.246381           FORMAL CONTRACT         516.161133           PLENARY         515.723956           DISABILITY         515.144797           BASTARD         515.056302           CONFISCATION         512.491643           NOTICE OF         512.16776           SHORT JUDGMENT         511.818746           MAIN ISSUE         510.885107           ERRONEOUS BASIS         510.81044           FINAL SENTENCE         510.653201           ABSOLUTE PRIVILEGE         510.315864           MANIFEST ERROR         510.157564           STATUTORY         509.987337           COMPENSATION         509.205031           PRIMARY         509.127168           LEGISLATION         508.84637   |                    | 520.269345  |
| JUDICIAL ROLE         519.266391           ALIBI         519.005973           MATRIMONIAL ASSET         518.082792           CAUSATIVE EFFECT         517.943887           DEFERMENT         517.45161           LIMITED         517.295299           ORDINARY COURT         517.253453           UNREGISTERED         517.205129           LAWFUL PROPERTY         516.283103           AMENABILITY         516.269907           QUOTATION         516.246381           FORMAL CONTRACT         516.161133           PLENARY         515.723956           DISABILITY         515.144797           BASTARD         515.056302           CONFISCATION         512.491643           NOTICE OF         512.16776           SHORT JUDGMENT         511.818746           MAIN ISSUE         510.885107           ERRONEOUS BASIS         510.885107           ERRONEOUS BASIS         510.653201           ABSOLUTE PRIVILEGE         510.315864           MANIFEST ERROR         510.157564           STATUTORY         509.987337           COMPENSATION         509.205031           PRIMARY         509.127168           LEGISLATION         508.   |                    |             |
| ALIBI         519.005973           MATRIMONIAL ASSET         518.082792           CAUSATIVE EFFECT         517.943887           DEFERMENT         517.45161           LIMITED         517.295299           ORDINARY COURT         517.253453           UNREGISTERED         517.205129           LAWFUL PROPERTY         516.283103           AMENABILITY         516.269907           QUOTATION         516.246381           FORMAL CONTRACT         516.161133           PLENARY         515.723956           DISABILITY         515.144797           BASTARD         515.056302           CONFISCATION         512.491643           NOTICE OF         512.16776           SHORT JUDGMENT         511.818746           MAIN ISSUE         510.885107           ERRONEOUS BASIS         510.81044           FINAL SENTENCE         510.653201           ABSOLUTE PRIVILEGE         510.315864           MANIFEST ERROR         510.157564           STATUTORY         509.987337           COMPENSATION         509.987337           DO JUSTICE         509.205031           PRIMARY         509.127168           ROTATION         508.84637 <td></td> <td></td>                              |                    |             |
| MATRIMONIAL ASSET         518.082792           CAUSATIVE EFFECT         517.943887           DEFERMENT         517.45161           LIMITED         517.295299           ORDINARY COURT         517.205129           LAWFUL PROPERTY         516.283103           AMENABILITY         516.269907           QUOTATION         516.246381           FORMAL CONTRACT         516.161133           PLENARY         515.723956           DISABILITY         515.144797           BASTARD         515.056302           CONFISCATION         512.491643           NOTICE OF         512.16776           SHORT JUDGMENT         511.818746           MAIN ISSUE         510.885107           ERRONEOUS BASIS         510.81044           FINAL SENTENCE         510.653201           ABSOLUTE PRIVILEGE         510.315864           MANIFEST ERROR         510.157564           STATUTORY         509.987337           COMPENSATION         509.987337           DO JUSTICE         509.205031           PRIMARY         509.127168           ROTATION         508.84637           CONTAINMENT         508.617704           STATE         508.445254 <td>JUDICIAL ROLE</td> <td>519.266391</td>        | JUDICIAL ROLE      | 519.266391  |
| CAUSATIVE EFFECT         517.943887           DEFERMENT         517.45161           LIMITED         517.295299           ORDINARY COURT         517.253453           UNREGISTERED         517.205129           LAWFUL PROPERTY         516.283103           AMENABILITY         516.269907           QUOTATION         516.246381           FORMAL CONTRACT         516.161133           PLENARY         515.723956           DISABILITY         515.144797           BASTARD         515.056302           CONFISCATION         512.491643           NOTICE OF         512.16776           READINESS         512.16776           SHORT JUDGMENT         511.818746           MAIN ISSUE         510.885107           ERRONEOUS BASIS         510.653201           ABSOLUTE PRIVILEGE         510.315864           MANIFEST ERROR         510.157564           STATUTORY         509.987337           COMPENSATION         509.987337           DO JUSTICE         509.205031           PRIMARY         509.127168           ROTATION         508.84637           CONTAINMENT         508.617704           STATE         508.445254 <td>ALIBI</td> <td>519.005973</td>                          | ALIBI              | 519.005973  |
| DEFERMENT         517.45161           LIMITED         517.295299           ORDINARY COURT         517.253453           UNREGISTERED         517.205129           LAWFUL PROPERTY         516.283103           AMENABILITY         516.269907           QUOTATION         516.246381           FORMAL CONTRACT         516.161133           PLENARY         515.723956           DISABILITY         515.144797           BASTARD         515.056302           CONFISCATION         512.491643           NOTICE OF         512.16776           SHORT JUDGMENT         511.818746           MAIN ISSUE         510.885107           ERRONEOUS BASIS         510.81044           FINAL SENTENCE         510.653201           ABSOLUTE PRIVILEGE         510.315864           MANIFEST ERROR         510.157564           STATUTORY         509.987337           COMPENSATION         509.987337           DO JUSTICE         509.205031           PRIMARY         LEGISLATION         508.84637           CONTAINMENT         508.617704           STATE         508.445254           INCORPOREAL         508.359718   | MATRIMONIAL ASSET  | 518.082792  |
| LIMITED         517.295299           ORDINARY COURT         517.253453           UNREGISTERED         517.205129           LAWFUL PROPERTY         516.283103           AMENABILITY         516.269907           QUOTATION         516.246381           FORMAL CONTRACT         516.161133           PLENARY         515.723956           DISABILITY         515.144797           BASTARD         515.056302           CONFISCATION<br>PROCEEDING         512.491643           NOTICE OF<br>READINESS         512.16776           SHORT JUDGMENT         511.818746           MAIN ISSUE         510.885107           ERRONEOUS BASIS         510.81044           FINAL SENTENCE         510.653201           ABSOLUTE PRIVILEGE         510.315864           MANIFEST ERROR         510.157564           STATUTORY<br>COMPENSATION         509.987337           DO JUSTICE         509.205031           PRIMARY<br>LEGISLATION         509.127168           ROTATION         508.84637           CONTAINMENT         508.617704           STATE         508.445254           INCORPOREAL         508.359718   | CAUSATIVE EFFECT   | 517.943887  |
| ORDINARY COURT 517.253453 UNREGISTERED 517.205129 LAWFUL PROPERTY 516.283103 AMENABILITY 516.269907 QUOTATION 516.246381 FORMAL CONTRACT 516.161133 PLENARY 515.723956 DISABILITY 515.144797 BASTARD 515.056302 CONFISCATION FROCEEDING 512.491643 NOTICE OF READINESS 510.885107 ERRONEOUS BASIS 510.885107 ERRONEOUS BASIS 510.81044 FINAL SENTENCE 510.653201 ABSOLUTE PRIVILEGE 510.315864 MANIFEST ERROR 510.157564 STATUTORY COMPENSATION 509.987337 DO JUSTICE 509.205031 PRIMARY LEGISLATION 508.84637 CONTAINMENT 508.617704 STATE 508.445254 INCORPOREAL 508.359718  | DEFERMENT          | 517.45161   |
| UNREGISTERED 517.205129  LAWFUL PROPERTY 516.283103  AMENABILITY 516.269907  QUOTATION 516.246381  FORMAL CONTRACT 516.161133  PLENARY 515.723956  DISABILITY 515.144797  BASTARD 515.056302  CONFISCATION PROCEEDING 512.491643  NOTICE OF READINESS 510.885107  ERRONEOUS BASIS 510.885107  ERRONEOUS BASIS 510.81044  FINAL SENTENCE 510.653201  ABSOLUTE PRIVILEGE 510.315864  MANIFEST ERROR 510.157564  STATUTORY COMPENSATION 509.987337  DO JUSTICE 509.205031  PRIMARY LEGISLATION 508.84637  CONTAINMENT 508.617704  STATE 508.445254  INCORPOREAL 508.359718  | LIMITED            | 517.295299  |
| LAWFUL PROPERTY         516.283103           AMENABILITY         516.269907           QUOTATION         516.246381           FORMAL CONTRACT         516.161133           PLENARY         515.723956           DISABILITY         515.144797           BASTARD         515.056302           CONFISCATION         512.491643           NOTICE OF         512.16776           READINESS         510.81044           MAIN ISSUE         510.885107           ERRONEOUS BASIS         510.81044           FINAL SENTENCE         510.653201           ABSOLUTE PRIVILEGE         510.315864           MANIFEST ERROR         510.157564           STATUTORY         509.987337           COMPENSATION         509.987337           DO JUSTICE         509.205031           PRIMARY         509.127168           LEGISLATION         508.84637           CONTAINMENT         508.617704           STATE         508.445254           INCORPOREAL         508.359718   | ORDINARY COURT     | 517.253453  |
| AMENABILITY       516.269907         QUOTATION       516.246381         FORMAL CONTRACT       516.161133         PLENARY       515.723956         DISABILITY       515.144797         BASTARD       515.056302         CONFISCATION<br>PROCEEDING       512.491643         NOTICE OF<br>READINESS       512.16776         SHORT JUDGMENT       511.818746         MAIN ISSUE       510.885107         ERRONEOUS BASIS       510.81044         FINAL SENTENCE       510.653201         ABSOLUTE PRIVILEGE       510.315864         MANIFEST ERROR       510.157564         STATUTORY<br>COMPENSATION       509.987337         DO JUSTICE       509.205031         PRIMARY<br>LEGISLATION       509.127168         ROTATION       508.84637         CONTAINMENT       508.617704         STATE       508.445254         INCORPOREAL       508.359718   | UNREGISTERED       | 517.205129  |
| QUOTATION         516.246381           FORMAL CONTRACT         516.161133           PLENARY         515.723956           DISABILITY         515.144797           BASTARD         515.056302           CONFISCATION<br>PROCEEDING         512.491643           NOTICE OF<br>READINESS         512.16776           SHORT JUDGMENT         511.818746           MAIN ISSUE         510.885107           ERRONEOUS BASIS         510.81044           FINAL SENTENCE         510.653201           ABSOLUTE PRIVILEGE         510.315864           MANIFEST ERROR         510.157564           STATUTORY<br>COMPENSATION         509.987337           DO JUSTICE         509.205031           PRIMARY<br>LEGISLATION         508.84637           CONTAINMENT         508.617704           STATE         508.445254           INCORPOREAL         508.359718  | LAWFUL PROPERTY    | 516.283103  |
| FORMAL CONTRACT         516.161133           PLENARY         515.723956           DISABILITY         515.144797           BASTARD         515.056302           CONFISCATION<br>PROCEEDING         512.491643           NOTICE OF<br>READINESS         512.16776           SHORT JUDGMENT         511.818746           MAIN ISSUE         510.885107           ERRONEOUS BASIS         510.81044           FINAL SENTENCE         510.653201           ABSOLUTE PRIVILEGE         510.315864           MANIFEST ERROR         510.157564           STATUTORY<br>COMPENSATION         509.987337           DO JUSTICE         509.205031           PRIMARY<br>LEGISLATION         508.84637           CONTAINMENT         508.617704           STATE         508.445254           INCORPOREAL         508.359718   | AMENABILITY        | 516.269907  |
| FORMAL CONTRACT         516.161133           PLENARY         515.723956           DISABILITY         515.144797           BASTARD         515.056302           CONFISCATION<br>PROCEEDING         512.491643           NOTICE OF<br>READINESS         512.16776           SHORT JUDGMENT         511.818746           MAIN ISSUE         510.885107           ERRONEOUS BASIS         510.81044           FINAL SENTENCE         510.653201           ABSOLUTE PRIVILEGE         510.315864           MANIFEST ERROR         510.157564           STATUTORY<br>COMPENSATION         509.987337           DO JUSTICE         509.205031           PRIMARY<br>LEGISLATION         508.84637           CONTAINMENT         508.617704           STATE         508.445254           INCORPOREAL         508.359718   | QUOTATION          | 516.246381  |
| DISABILITY         515.144797           BASTARD         515.056302           CONFISCATION<br>PROCEEDING         512.491643           NOTICE OF<br>READINESS         512.16776           SHORT JUDGMENT         511.818746           MAIN ISSUE         510.885107           ERRONEOUS BASIS         510.81044           FINAL SENTENCE         510.653201           ABSOLUTE PRIVILEGE         510.315864           MANIFEST ERROR         510.157564           STATUTORY<br>COMPENSATION         509.987337           DO JUSTICE         509.205031           PRIMARY<br>LEGISLATION         509.127168           ROTATION         508.84637           CONTAINMENT         508.617704           STATE         508.445254           INCORPOREAL         508.359718   | FORMAL CONTRACT    | 516.161133  |
| BASTARD 515.056302  CONFISCATION PROCEEDING 512.491643  NOTICE OF READINESS 512.16776  SHORT JUDGMENT 511.818746  MAIN ISSUE 510.885107  ERRONEOUS BASIS 510.81044  FINAL SENTENCE 510.653201  ABSOLUTE PRIVILEGE 510.315864  MANIFEST ERROR 510.157564  STATUTORY COMPENSATION 509.987337  DO JUSTICE 509.205031  PRIMARY LEGISLATION 508.84637  CONTAINMENT 508.617704  STATE 508.445254  INCORPOREAL 508.359718   | PLENARY            | 515.723956  |
| CONFISCATION<br>PROCEEDING         512.491643           NOTICE OF<br>READINESS         512.16776           SHORT JUDGMENT         511.818746           MAIN ISSUE         510.885107           ERRONEOUS BASIS         510.81044           FINAL SENTENCE         510.653201           ABSOLUTE PRIVILEGE         510.315864           MANIFEST ERROR         510.157564           STATUTORY<br>COMPENSATION         509.987337           DO JUSTICE         509.205031           PRIMARY<br>LEGISLATION         508.84637           CONTAINMENT         508.617704           STATE         508.445254           INCORPOREAL         508.359718  | DISABILITY         | 515.144797  |
| PROCEEDING       512.491643         NOTICE OF<br>READINESS       512.16776         SHORT JUDGMENT       511.818746         MAIN ISSUE       510.885107         ERRONEOUS BASIS       510.81044         FINAL SENTENCE       510.653201         ABSOLUTE PRIVILEGE       510.315864         MANIFEST ERROR       510.157564         STATUTORY<br>COMPENSATION       509.987337         DO JUSTICE       509.205031         PRIMARY<br>LEGISLATION       508.84637         CONTAINMENT       508.617704         STATE       508.445254         INCORPOREAL       508.359718  | BASTARD            | 515.056302  |
| PROCEEDING           NOTICE OF         512.16776           READINESS         510.885107           SHORT JUDGMENT         511.818746           MAIN ISSUE         510.885107           ERRONEOUS BASIS         510.81044           FINAL SENTENCE         510.653201           ABSOLUTE PRIVILEGE         510.315864           MANIFEST ERROR         510.157564           STATUTORY         509.987337           COMPENSATION         509.205031           PRIMARY         509.127168           LEGISLATION         508.84637           CONTAINMENT         508.617704           STATE         508.445254           INCORPOREAL         508.359718   | CONFISCATION       | 512 401 642 |
| READINESS       512.167/6         SHORT JUDGMENT       511.818746         MAIN ISSUE       510.885107         ERRONEOUS BASIS       510.81044         FINAL SENTENCE       510.653201         ABSOLUTE PRIVILEGE       510.315864         MANIFEST ERROR       510.157564         STATUTORY<br>COMPENSATION       509.987337         DO JUSTICE       509.205031         PRIMARY<br>LEGISLATION       509.127168         ROTATION       508.84637         CONTAINMENT       508.617704         STATE       508.445254         INCORPOREAL       508.359718   | PROCEEDING         | 512.491643  |
| SHORT JUDGMENT         511.818746           MAIN ISSUE         510.885107           ERRONEOUS BASIS         510.81044           FINAL SENTENCE         510.653201           ABSOLUTE PRIVILEGE         510.315864           MANIFEST ERROR         510.157564           STATUTORY<br>COMPENSATION         509.987337           DO JUSTICE         509.205031           PRIMARY<br>LEGISLATION         509.127168           ROTATION         508.84637           CONTAINMENT         508.617704           STATE         508.445254           INCORPOREAL         508.359718   |                    | 512.16776   |
| MAIN ISSUE       510.885107         ERRONEOUS BASIS       510.81044         FINAL SENTENCE       510.653201         ABSOLUTE PRIVILEGE       510.315864         MANIFEST ERROR       510.157564         STATUTORY<br>COMPENSATION       509.987337         DO JUSTICE       509.205031         PRIMARY<br>LEGISLATION       509.127168         ROTATION       508.84637         CONTAINMENT       508.617704         STATE       508.445254         INCORPOREAL       508.359718   |                    |             |
| ERRONEOUS BASIS 510.81044  FINAL SENTENCE 510.653201  ABSOLUTE PRIVILEGE 510.315864  MANIFEST ERROR 510.157564  STATUTORY COMPENSATION 509.987337  DO JUSTICE 509.205031  PRIMARY LEGISLATION 508.84637  CONTAINMENT 508.617704  STATE 508.445254  INCORPOREAL 508.359718  |                    |             |
| FINAL SENTENCE         510.653201           ABSOLUTE PRIVILEGE         510.315864           MANIFEST ERROR         510.157564           STATUTORY<br>COMPENSATION         509.987337           DO JUSTICE         509.205031           PRIMARY<br>LEGISLATION         509.127168           ROTATION         508.84637           CONTAINMENT         508.617704           STATE         508.445254           INCORPOREAL         508.359718   |                    |             |
| ABSOLUTE PRIVILEGE 510.315864  MANIFEST ERROR 510.157564  STATUTORY COMPENSATION 509.987337  DO JUSTICE 509.205031  PRIMARY LEGISLATION 508.84637  CONTAINMENT 508.617704  STATE 508.445254  INCORPOREAL 508.359718  |                    |             |
| MANIFEST ERROR       510.157564         STATUTORY<br>COMPENSATION       509.987337         DO JUSTICE       509.205031         PRIMARY<br>LEGISLATION       509.127168         ROTATION       508.84637         CONTAINMENT       508.617704         STATE       508.445254         INCORPOREAL       508.359718   |                    |             |
| STATUTORY         509.987337           COMPENSATION         509.987337           DO JUSTICE         509.205031           PRIMARY         509.127168           LEGISLATION         508.84637           CONTAINMENT         508.617704           STATE         508.445254           INCORPOREAL         508.359718   | ABSOLUTE PRIVILEGE | 510.315864  |
| COMPENSATION         509.987337           DO JUSTICE         509.205031           PRIMARY<br>LEGISLATION         509.127168           ROTATION         508.84637           CONTAINMENT         508.617704           STATE         508.445254           INCORPOREAL         508.359718  |                    | 510.157564  |
| PRIMARY<br>LEGISLATION         509.127168           ROTATION         508.84637           CONTAINMENT         508.617704           STATE         508.445254           INCORPOREAL         508.359718  |                    | 509.987337  |
| LEGISLATION       509.12/168         ROTATION       508.84637         CONTAINMENT       508.617704         STATE       508.445254         INCORPOREAL       508.359718   | DO JUSTICE         | 509.205031  |
| CONTAINMENT 508.617704  STATE 508.445254  INCORPOREAL 508.359718   |                    | 509.127168  |
| STATE 508.445254<br>INCORPOREAL 508.359718   | ROTATION           | 508.84637   |
| INCORPOREAL 508 359718   | CONTAINMENT        | 508.617704  |
| 1508 359718  | STATE              | 508.445254  |
| PROPERTY 500.339718  |                    | 508 359718  |
|  | PROPERTY           | 500.557710  |

|                            | Т          |
|----------------------------|------------|
| ENGLISH COURT              | 506.98468  |
| ARBITRABILITY              | 506.859183 |
| EXCISION                   | 506.544044 |
| SALE CONTRACT              | 505.744002 |
| UNLIQUIDATED               | 505.538379 |
| BARE                       | 504.961227 |
| AMPLIFICATION              | 504.457484 |
| ONUS OF PROOF              | 504.398633 |
| PERSONAL                   | 503.38327  |
| OBLIGATION                 | 303.38327  |
| INAPPLICABILITY            | 503.20295  |
| DECISIVE EVIDENCE          | 503.13995  |
| COMMISSIONER               | 503.100815 |
| PRELIMINARY                | 501.232469 |
| HEARING<br>SECURITY DENEET | 501 225795 |
| SECURITY BENEFIT           | 501.225785 |
| UNREPRESENTED              | 500.582266 |
| ELV                        | 500.349542 |
| BLAME                      | 499.944601 |
| SPECIFIED OFFENCE          | 499.522372 |
| LEGAL RELATIONSHIP         | 499.3247   |
| NON SEQUITUR               | 498.113315 |
| INCEST                     | 498.0199   |
| ACTUAL FACT                | 497.996417 |
| PUBLIC BODY                | 497.693271 |
| GRAVE                      | 497.284155 |
| TERM OF                    | 497.279506 |
| IMPRISONMENT               | 406 204452 |
| BEHEST<br>PROFESSIONAL     | 496.394453 |
| JUDGMENT                   | 496.111411 |
| ACCESSORY                  | 495.591336 |
| LIABILITY                  | 493.391330 |
| STATUTORY RULE             | 494.126199 |
| JUDICIAL STATUS            | 493.813608 |
| JUSTICIABLE                | 493.800962 |
| ADDENDUM                   | 493.453595 |
| STATEMENT OF               | 493.384844 |
| REASON                     |            |
| PERSISTENCE                | 493.253422 |
| LAWFUL ACTIVITY            | 493.044755 |
| DESCENDANT                 | 492.984686 |
| ENUNCIATE                  | 492.134291 |
| EXPIRE                     | 492.070244 |
| NEGLIGIBLE                 | 491.551064 |
| FOREIGN<br>JURISDICTION    | 491.17162  |
| SODOMY                     | 490.722476 |
| JODOM I                    | 170.722770 |

| REPEL         490.280654           EVIDENCE IN<br>SUPPORT         490.108415           REGULATION         489.75488           LAWFUL RIGHT         488.938075           MATTER OF FACT         487.093385           FRAUDULENT<br>MISREPRESENTATION         486.721824           AGGRAVATING<br>FEATURE         486.578146           CIVIL ACTION         486.14359           INVESTIGATIVE         485.990109           CORROBORATIVE<br>EVIDENCE         485.026136           REPAYABLE         484.731826           BREACH OF<br>COVENANT         484.533492           DISMISSAL CASE         483.537193           UNLAWFUL CASE         482.488433           DEDUCE         481.750687           REGULARITY         481.381811           PENSION BENEFIT         481.381811           PENSION BENEFIT         480.26623           SUBSEQUENT CASE         480.14457           EXCLUSION ZONE         480.099261           APPARENT BIAS         479.09609           LAWFUL MARRIAGE         478.41923           UNLAWFUL         478.182861           COMMISSION         478.152819           OPEN EVIDENCE         477.490543           RELIEVE         476.622323               | DISRUPT           | 490.378496 |
|---|-------------------|------------|
| SUPPORT         490.108415           REGULATION         489.75488           LAWFUL RIGHT         488.938075           MATTER OF FACT         487.093385           FRAUDULENT         486.721824           MISREPRESENTATION         486.578146           CIVIL ACTION         486.578146           CIVIL ACTION         486.14359           INVESTIGATIVE         485.990109           CORROBORATIVE         485.990109           CORROBORATIVE         485.990109           CORROBORATIVE         485.990109           CORROBORATIVE         485.990109           CORROBORATIVE         485.026136           EVIDENCE         485.026136           REPAYABLE         484.731826           BREACH OF         6004           COVENANT         484.533492           UNLAWFUL CASE         482.488433           DEDUCE         481.750687           REGULARITY         481.46903           THEREON         481.381811           PENSION BENEFIT         481.351098           EXCLUSION ZONE         480.26623           SUBSEQUENT CASE         480.14457           EXCLUSIVE RIGHT         480.009261           APPARENT BIAS         479.09609 <td>REPEL</td> <td>490.280654</td>      | REPEL             | 490.280654 |
| REGULATION         489.75488           LAWFUL RIGHT         488.938075           MATTER OF FACT         487.093385           FRAUDULENT         486.721824           MISREPRESENTATION         486.721824           AGGRAVATING         486.578146           CIVIL ACTION         486.14359           INVESTIGATIVE         485.990109           CORROBORATIVE         485.990109           CORROBORATIVE         485.026136           REPAYABLE         484.731826           BREACH OF         484.533492           DISMISSAL CASE         483.537193           UNLAWFUL CASE         482.488433           DEDUCE         481.750687           REGULARITY         481.46903           THEREON         481.381811           PENSION BENEFIT         481.351098           EXCLUSION ZONE         480.26623           SUBSEQUENT CASE         480.14457           EXCLUSIVE RIGHT         480.009261           APPARENT BIAS         479.09609           LAWFUL MARRIAGE         478.132861           UNLAWFUL         478.182861           DENOMINATION         476.52323           DENOMINATION         476.522323           DENOMINATION <t< td=""><td></td><td>490.108415</td></t<> |                   | 490.108415 |
| LAWFUL RIGHT 488.938075  MATTER OF FACT 487.093385  FRAUDULENT MISREPRESENTATION 486.721824  AGGRAVATING FEATURE CIVIL ACTION 486.14359 INVESTIGATIVE 485.990109  CORROBORATIVE EVIDENCE 485.026136  REPAYABLE 484.731826  BREACH OF COVENANT 484.533492  UNLAWFUL CASE 482.488433  DEDUCE 481.750687  REGULARITY 481.46903  THEREON 481.381811  PENSION BENEFIT 481.351098  EXCLUSION ZONE 480.26623  SUBSEQUENT CASE 480.14457  EXCLUSIVE RIGHT 480.009261  APPARENT BIAS 479.09609  LAWFUL MARRIAGE 478.913375  WRONGLY 478.41923  UNLAWFUL DISABILITY 478.182861  OPEN EVIDENCE 477.490543  RELIEVE 476.622323  DENOMINATION 476.559207  REGULARISE 475.966698  EX TEMPORE 475.966698  EX TEMPORE 475.062896  JUDICIAL OFFICER 474.462629  INDEMNIFICATION 473.849219  PARAMOUNTCY 473.169824   |                   | 489 75488  |
| MATTER OF FACT         487.093385           FRAUDULENT         486.721824           MISREPRESENTATION         486.721824           AGGRAVATING         486.578146           FEATURE         486.14359           INVESTIGATIVE         485.990109           CORROBORATIVE         485.990109           CORROBORATIVE         485.026136           EVIDENCE         485.026136           REPAYABLE         484.731826           BREACH OF<br>COVENANT         484.533492           DISMISSAL CASE         483.537193           UNLAWFUL CASE         482.488433           DEDUCE         481.750687           REGULARITY         481.46903           THEREON         481.381811           PENSION BENEFIT         481.351098           EXCLUSION ZONE         480.26623           SUBSEQUENT CASE         480.14457           EXCLUSIVE RIGHT         480.009261           APPARENT BIAS         479.09609           LAWFUL MARRIAGE         478.41923           UNLAWFUL         478.182861           DISABILITY         478.182861           COMMISSION         478.152819           OPEN EVIDENCE         477.490543           RELIEVE <td< td=""><td></td><td></td></td<>           |                   |            |
| FRAUDULENT         486.721824           MISREPRESENTATION         486.578146           CIVIL ACTION         486.14359           INVESTIGATIVE         485.990109           CORROBORATIVE         485.990109           CORROBORATIVE         485.026136           EVIDENCE         485.026136           COMPETENCE         484.731826           BREACH OF         484.533492           COVENANT         484.533492           UNLAWFUL CASE         482.488433           DEDUCE         481.750687           REGULARITY         481.46903           THEREON         481.381811           PENSION BENEFIT         481.351098           EXCLUSION ZONE         480.26623           SUBSEQUENT CASE         480.14457           EXCLUSIVE RIGHT         480.009261           APPARENT BIAS         479.09609           LAWFUL MARRIAGE         478.913375           WRONGLY         478.182861           COMMISSION         478.152819           OPEN EVIDENCE         477.490543           RELIEVE         476.622323           DENOMINATION         476.559207           REGULARISE         476.350053           DEPONENT         475.966698   |                   |            |
| MISREPRESENTATION         486.721824           AGGRAVATING         486.578146           CIVIL ACTION         486.14359           INVESTIGATIVE         485.990109           CORROBORATIVE         485.990109           CORROBORATIVE         485.990109           CORROBORATIVE         485.026136           EVIDENCE         485.026136           REPAYABLE         484.731826           BREACH OF<br>COVENANT         484.533492           DISMISSAL CASE         483.537193           UNLAWFUL CASE         482.488433           DEDUCE         481.750687           REGULARITY         481.46903           THEREON         481.381811           PENSION BENEFIT         481.351098           EXCLUSION ZONE         480.26623           SUBSEQUENT CASE         480.14457           EXCLUSIVE RIGHT         480.009261           APPARENT BIAS         479.09609           LAWFUL MARRIAGE         478.1923           UNLAWFUL         478.182861           DISABILITY         478.182861           COMMISSION         478.152819           OPEN EVIDENCE         477.490543           RELIEVE         476.622323           DENOMINATION  |                   | 467.093363 |
| FEATURE         486.578146           CIVIL ACTION         486.14359           INVESTIGATIVE         485.990109           CORROBORATIVE         485.232479           EVIDENCE         485.026136           REPAYABLE         484.731826           BREACH OF<br>COVENANT         484.533492           DISMISSAL CASE         483.537193           UNLAWFUL CASE         482.488433           DEDUCE         481.750687           REGULARITY         481.46903           THEREON         481.381811           PENSION BENEFIT         481.351098           EXCLUSION ZONE         480.26623           SUBSEQUENT CASE         480.14457           EXCLUSIVE RIGHT         480.009261           APPARENT BIAS         479.09609           LAWFUL MARRIAGE         478.913375           WRONGLY         478.182861           UNLAWFUL         478.182861           DISABILITY         476.622323           DENOMINSION         476.559207           REGULARISE         476.350053           DEPONENT         476.350053           DEPONENT         476.128025           CONFLICT OF<br>INTEREST         475.966698           EX TEMPORE         475  | MISREPRESENTATION | 486.721824 |
| INVESTIGATIVE         485.990109           CORROBORATIVE         485.232479           EVIDENCE         485.026136           LEGISLATIVE         485.026136           COMPETENCE         484.731826           BREACH OF         484.533492           COVENANT         484.533492           DISMISSAL CASE         483.537193           UNLAWFUL CASE         482.488433           DEDUCE         481.750687           REGULARITY         481.46903           THEREON         481.381811           PENSION BENEFIT         481.351098           EXCLUSION ZONE         480.26623           SUBSEQUENT CASE         480.14457           EXCLUSIVE RIGHT         480.009261           APPARENT BIAS         479.09609           LAWFUL MARRIAGE         478.41923           UNLAWFUL         478.182861           DISABILITY         478.182861           COMMISSION         478.152819           OPEN EVIDENCE         477.490543           RELIEVE         476.622323           DENOMINATION         476.559207           REGULARISE         476.350053           DEPONENT         476.128025           CONFLICT OF         475.966698 </td <td></td> <td>486.578146</td>               |                   | 486.578146 |
| CORROBORATIVE         485.232479           LEGISLATIVE         485.026136           COMPETENCE         484.731826           BREACH OF         484.533492           COVENANT         484.533492           DISMISSAL CASE         483.537193           UNLAWFUL CASE         482.488433           DEDUCE         481.750687           REGULARITY         481.46903           THEREON         481.381811           PENSION BENEFIT         481.351098           EXCLUSION ZONE         480.26623           SUBSEQUENT CASE         480.14457           EXCLUSIVE RIGHT         480.009261           APPARENT BIAS         479.09609           LAWFUL MARRIAGE         478.913375           WRONGLY         478.182861           UNLAWFUL         478.182861           DISABILITY         COMMISSION         478.152819           OPEN EVIDENCE         477.490543           RELIEVE         476.622323           DENOMINATION         476.559207           REGULARISE         476.350053           DEPONENT         476.128025           CONFLICT OF         475.966698           EX TEMPORE         475.062896           JUDICIAL OFFICER   | CIVIL ACTION      | 486.14359  |
| EVIDENCE  LEGISLATIVE COMPETENCE  REPAYABLE  BREACH OF COVENANT  DISMISSAL CASE  UNLAWFUL CASE  REGULARITY  HEREON  PENSION BENEFIT  EXCLUSION ZONE  SUBSEQUENT CASE  LAWFUL MARRIAGE  APPARENT BIAS  WRONGLY  UNLAWFUL  DISABILITY  AF8.182861  AF8.152819  OPEN EVIDENCE  AF6.622323  DENOMINATION  REGULARISE  DENOMINATION  AF6.559207  REGULARISE  EX TEMPORE  AF3.02623  AF5.08641  ARGUABLE DEFENCE  LATENT DEFECT  JUDICIAL OFFICER  AF8.132492  AF8.102324  AF8.102324  AF3.169824  AF3.169824  AF3.169824  AF3.169824   | INVESTIGATIVE     | 485.990109 |
| COMPETENCE         485.026136           REPAYABLE         484.731826           BREACH OF         484.533492           COVENANT         484.533492           DISMISSAL CASE         483.537193           UNLAWFUL CASE         482.488433           DEDUCE         481.750687           REGULARITY         481.46903           THEREON         481.381811           PENSION BENEFIT         481.351098           EXCLUSION ZONE         480.26623           SUBSEQUENT CASE         480.14457           EXCLUSIVE RIGHT         480.009261           APPARENT BIAS         479.09609           LAWFUL MARRIAGE         478.913375           WRONGLY         478.182861           DISABILITY         478.182861           COMMISSION         478.152819           OPEN EVIDENCE         477.490543           RELIEVE         476.622323           DENOMINATION         476.559207           REGULARISE         476.350053           DEPONENT         476.128025           CONFLICT OF         475.966698           INTEREST         475.062896           IVDICIAL OFFICER         475.062896           JUDICIAL OFFICER         474.462629  |                   | 485.232479 |
| BREACH OF COVENANT       484.533492         DISMISSAL CASE       483.537193         UNLAWFUL CASE       482.488433         DEDUCE       481.750687         REGULARITY       481.46903         THEREON       481.381811         PENSION BENEFIT       481.351098         EXCLUSION ZONE       480.26623         SUBSEQUENT CASE       480.14457         EXCLUSIVE RIGHT       480.009261         APPARENT BIAS       479.09609         LAWFUL MARRIAGE       478.41923         UNLAWFUL       478.182861         DISABILITY       478.182861         COMMISSION       478.152819         OPEN EVIDENCE       477.490543         RELIEVE       476.622323         DENOMINATION       476.559207         REGULARISE       476.350053         DEPONENT       476.128025         CONFLICT OF       475.966698         INTEREST       475.062896         JUDICIAL OFFICER       474.462629         INDEMNIFICATION       473.849219         PARAMOUNTCY       473.169824  | LEGISLATIVE       | 485.026136 |
| COVENANT         484.533492           DISMISSAL CASE         483.537193           UNLAWFUL CASE         482.488433           DEDUCE         481.750687           REGULARITY         481.46903           THEREON         481.381811           PENSION BENEFIT         481.351098           EXCLUSION ZONE         480.26623           SUBSEQUENT CASE         480.14457           EXCLUSIVE RIGHT         480.009261           APPARENT BIAS         479.09609           LAWFUL MARRIAGE         478.41923           UNLAWFUL         478.182861           DISABILITY         478.182861           COMMISSION         478.152819           OPEN EVIDENCE         477.490543           RELIEVE         476.622323           DENOMINATION         476.559207           REGULARISE         476.350053           DEPONENT         476.128025           CONFLICT OF         475.966698           EX TEMPORE         475.78641           ARGUABLE DEFENCE         475.062896           JUDICIAL OFFICER         474.462629           INDEMNIFICATION         473.849219           PARAMOUNTCY         473.169824   | REPAYABLE         | 484.731826 |
| DISMISSAL CASE         483.537193           UNLAWFUL CASE         482.488433           DEDUCE         481.750687           REGULARITY         481.46903           THEREON         481.381811           PENSION BENEFIT         481.351098           EXCLUSION ZONE         480.26623           SUBSEQUENT CASE         480.14457           EXCLUSIVE RIGHT         480.009261           APPARENT BIAS         479.09609           LAWFUL MARRIAGE         478.913375           WRONGLY         478.182861           DISABILITY         478.182861           COMMISSION         478.152819           OPEN EVIDENCE         477.490543           RELIEVE         476.622323           DENOMINATION         476.559207           REGULARISE         476.350053           DEPONENT         476.128025           CONFLICT OF         475.966698           EX TEMPORE         475.78641           ARGUABLE DEFENCE         475.062896           JUDICIAL OFFICER         474.462629           INDEMNIFICATION         473.849219           PARAMOUNTCY         473.169824   |                   | 484.533492 |
| DEDUCE         481.750687           REGULARITY         481.46903           THEREON         481.381811           PENSION BENEFIT         481.351098           EXCLUSION ZONE         480.26623           SUBSEQUENT CASE         480.14457           EXCLUSIVE RIGHT         480.009261           APPARENT BIAS         479.09609           LAWFUL MARRIAGE         478.913375           WRONGLY         478.182861           UNLAWFUL         478.182861           DISABILITY         478.182861           COMMISSION         478.152819           OPEN EVIDENCE         477.490543           RELIEVE         476.622323           DENOMINATION         476.559207           REGULARISE         476.350053           DEPONENT         476.128025           CONFLICT OF         475.966698           EX TEMPORE         475.78641           ARGUABLE DEFENCE         475.062896           JUDICIAL OFFICER         474.462629           INDEMNIFICATION         473.849219           PARAMOUNTCY         473.169824  |                   | 483.537193 |
| REGULARITY       481.46903         THEREON       481.381811         PENSION BENEFIT       481.351098         EXCLUSION ZONE       480.26623         SUBSEQUENT CASE       480.14457         EXCLUSIVE RIGHT       480.009261         APPARENT BIAS       479.09609         LAWFUL MARRIAGE       478.913375         WRONGLY       478.41923         UNLAWFUL<br>DISABILITY       478.182861         COMMISSION       478.152819         OPEN EVIDENCE       477.490543         RELIEVE       476.622323         DENOMINATION       476.559207         REGULARISE       476.350053         DEPONENT       476.128025         CONFLICT OF<br>INTEREST       475.966698         EX TEMPORE       475.78641         ARGUABLE DEFENCE       475.062896         JUDICIAL OFFICER       474.462629         INDEMNIFICATION       473.849219         PARAMOUNTCY       473.169824   | UNLAWFUL CASE     | 482.488433 |
| THEREON         481.381811           PENSION BENEFIT         481.351098           EXCLUSION ZONE         480.26623           SUBSEQUENT CASE         480.14457           EXCLUSIVE RIGHT         480.009261           APPARENT BIAS         479.09609           LAWFUL MARRIAGE         478.913375           WRONGLY         478.41923           UNLAWFUL DISABILITY         478.182861           COMMISSION         478.152819           OPEN EVIDENCE         477.490543           RELIEVE         476.622323           DENOMINATION         476.559207           REGULARISE         476.350053           DEPONENT         476.128025           CONFLICT OF INTEREST         475.966698           EX TEMPORE         475.78641           ARGUABLE DEFENCE         475.062896           JUDICIAL OFFICER         474.462629           INDEMNIFICATION         473.849219           PARAMOUNTCY         473.169824  | DEDUCE            | 481.750687 |
| THEREON         481.381811           PENSION BENEFIT         481.351098           EXCLUSION ZONE         480.26623           SUBSEQUENT CASE         480.14457           EXCLUSIVE RIGHT         480.009261           APPARENT BIAS         479.09609           LAWFUL MARRIAGE         478.913375           WRONGLY         478.41923           UNLAWFUL DISABILITY         478.182861           COMMISSION         478.152819           OPEN EVIDENCE         477.490543           RELIEVE         476.622323           DENOMINATION         476.559207           REGULARISE         476.350053           DEPONENT         476.128025           CONFLICT OF INTEREST         475.966698           EX TEMPORE         475.78641           ARGUABLE DEFENCE         475.062896           JUDICIAL OFFICER         474.462629           INDEMNIFICATION         473.849219           PARAMOUNTCY         473.169824  | REGULARITY        | 481.46903  |
| EXCLUSION ZONE 480.26623  SUBSEQUENT CASE 480.14457  EXCLUSIVE RIGHT 480.009261  APPARENT BIAS 479.09609  LAWFUL MARRIAGE 478.913375  WRONGLY 478.41923  UNLAWFUL 478.182861  COMMISSION 478.152819  OPEN EVIDENCE 477.490543  RELIEVE 476.622323  DENOMINATION 476.559207  REGULARISE 476.350053  DEPONENT 476.128025  CONFLICT OF 117EREST 475.966698  EX TEMPORE 475.78641  ARGUABLE DEFENCE 475.084192  LATENT DEFECT 475.062896  JUDICIAL OFFICER 474.462629  INDEMNIFICATION 473.849219  PARAMOUNTCY 473.169824   | THEREON           |            |
| SUBSEQUENT CASE         480.14457           EXCLUSIVE RIGHT         480.009261           APPARENT BIAS         479.09609           LAWFUL MARRIAGE         478.913375           WRONGLY         478.41923           UNLAWFUL DISABILITY         478.182861           COMMISSION         478.152819           OPEN EVIDENCE         477.490543           RELIEVE         476.622323           DENOMINATION         476.559207           REGULARISE         476.350053           DEPONENT         476.128025           CONFLICT OF INTEREST         475.966698           EX TEMPORE         475.78641           ARGUABLE DEFENCE         475.062896           JUDICIAL OFFICER         474.462629           INDEMNIFICATION         473.849219           PARAMOUNTCY         473.169824   | PENSION BENEFIT   | 481.351098 |
| SUBSEQUENT CASE         480.14457           EXCLUSIVE RIGHT         480.009261           APPARENT BIAS         479.09609           LAWFUL MARRIAGE         478.913375           WRONGLY         478.41923           UNLAWFUL DISABILITY         478.182861           COMMISSION         478.152819           OPEN EVIDENCE         477.490543           RELIEVE         476.622323           DENOMINATION         476.559207           REGULARISE         476.350053           DEPONENT         476.128025           CONFLICT OF INTEREST         475.966698           EX TEMPORE         475.78641           ARGUABLE DEFENCE         475.062896           JUDICIAL OFFICER         474.462629           INDEMNIFICATION         473.849219           PARAMOUNTCY         473.169824   | EXCLUSION ZONE    | 480.26623  |
| EXCLUSIVE RIGHT 480.009261 APPARENT BIAS 479.09609 LAWFUL MARRIAGE 478.913375 WRONGLY 478.41923 UNLAWFUL 478.182861 DISABILITY COMMISSION 478.152819 OPEN EVIDENCE 477.490543 RELIEVE 476.622323 DENOMINATION 476.559207 REGULARISE 476.350053 DEPONENT 476.128025 CONFLICT OF 1NTEREST 475.966698 EX TEMPORE 475.78641 ARGUABLE DEFENCE 475.084192 LATENT DEFECT 475.062896 JUDICIAL OFFICER 474.462629 INDEMNIFICATION 473.849219 PARAMOUNTCY 473.169824  | SUBSEQUENT CASE   | 480.14457  |
| APPARENT BIAS 479.09609  LAWFUL MARRIAGE 478.913375  WRONGLY 478.41923  UNLAWFUL 478.182861  DISABILITY 478.152819  OPEN EVIDENCE 477.490543  RELIEVE 476.622323  DENOMINATION 476.559207  REGULARISE 476.350053  DEPONENT 476.128025  CONFLICT OF 11TEREST 475.966698  EX TEMPORE 475.78641  ARGUABLE DEFENCE 475.084192  LATENT DEFECT 475.062896  JUDICIAL OFFICER 474.462629  INDEMNIFICATION 473.849219  PARAMOUNTCY 473.169824  |                   | 480.009261 |
| WRONGLY       478.41923         UNLAWFUL DISABILITY       478.182861         COMMISSION       478.152819         OPEN EVIDENCE       477.490543         RELIEVE       476.622323         DENOMINATION       476.559207         REGULARISE       476.350053         DEPONENT       476.128025         CONFLICT OF INTEREST       475.966698         EX TEMPORE       475.78641         ARGUABLE DEFENCE       475.062896         JUDICIAL OFFICER       474.462629         INDEMNIFICATION       473.849219         PARAMOUNTCY       473.169824   | APPARENT BIAS     |            |
| WRONGLY       478.41923         UNLAWFUL DISABILITY       478.182861         COMMISSION       478.152819         OPEN EVIDENCE       477.490543         RELIEVE       476.622323         DENOMINATION       476.559207         REGULARISE       476.350053         DEPONENT       476.128025         CONFLICT OF INTEREST       475.966698         EX TEMPORE       475.78641         ARGUABLE DEFENCE       475.062896         JUDICIAL OFFICER       474.462629         INDEMNIFICATION       473.849219         PARAMOUNTCY       473.169824   |                   |            |
| UNLAWFUL DISABILITY       478.182861         COMMISSION       478.152819         OPEN EVIDENCE       477.490543         RELIEVE       476.622323         DENOMINATION       476.559207         REGULARISE       476.350053         DEPONENT       476.128025         CONFLICT OF INTEREST       475.966698         EX TEMPORE       475.78641         ARGUABLE DEFENCE       475.062896         JUDICIAL OFFICER       474.462629         INDEMNIFICATION       473.849219         PARAMOUNTCY       473.169824   |                   |            |
| DISABILITY       478.182801         COMMISSION       478.152819         OPEN EVIDENCE       477.490543         RELIEVE       476.622323         DENOMINATION       476.559207         REGULARISE       476.350053         DEPONENT       476.128025         CONFLICT OF<br>INTEREST       475.966698         EX TEMPORE       475.78641         ARGUABLE DEFENCE       475.062896         JUDICIAL OFFICER       474.462629         INDEMNIFICATION       473.849219         PARAMOUNTCY       473.169824   |                   |            |
| OPEN EVIDENCE       477.490543         RELIEVE       476.622323         DENOMINATION       476.559207         REGULARISE       476.350053         DEPONENT       476.128025         CONFLICT OF<br>INTEREST       475.966698         EX TEMPORE       475.78641         ARGUABLE DEFENCE       475.084192         LATENT DEFECT       475.062896         JUDICIAL OFFICER       474.462629         INDEMNIFICATION       473.849219         PARAMOUNTCY       473.169824  |                   | 478.182861 |
| RELIEVE       476.622323         DENOMINATION       476.559207         REGULARISE       476.350053         DEPONENT       476.128025         CONFLICT OF<br>INTEREST       475.966698         EX TEMPORE       475.78641         ARGUABLE DEFENCE       475.084192         LATENT DEFECT       475.062896         JUDICIAL OFFICER       474.462629         INDEMNIFICATION       473.849219         PARAMOUNTCY       473.169824   | COMMISSION        | 478.152819 |
| DENOMINATION       476.559207         REGULARISE       476.350053         DEPONENT       476.128025         CONFLICT OF INTEREST       475.966698         EX TEMPORE       475.78641         ARGUABLE DEFENCE       475.084192         LATENT DEFECT       475.062896         JUDICIAL OFFICER       474.462629         INDEMNIFICATION       473.849219         PARAMOUNTCY       473.169824   | OPEN EVIDENCE     | 477.490543 |
| REGULARISE       476.350053         DEPONENT       476.128025         CONFLICT OF<br>INTEREST       475.966698         EX TEMPORE       475.78641         ARGUABLE DEFENCE       475.084192         LATENT DEFECT       475.062896         JUDICIAL OFFICER       474.462629         INDEMNIFICATION       473.849219         PARAMOUNTCY       473.169824  | RELIEVE           | 476.622323 |
| DEPONENT       476.128025         CONFLICT OF<br>INTEREST       475.966698         EX TEMPORE       475.78641         ARGUABLE DEFENCE       475.084192         LATENT DEFECT       475.062896         JUDICIAL OFFICER       474.462629         INDEMNIFICATION       473.849219         PARAMOUNTCY       473.169824  | DENOMINATION      | 476.559207 |
| CONFLICT OF<br>INTEREST 475.966698<br>EX TEMPORE 475.78641<br>ARGUABLE DEFENCE 475.084192<br>LATENT DEFECT 475.062896<br>JUDICIAL OFFICER 474.462629<br>INDEMNIFICATION 473.849219<br>PARAMOUNTCY 473.169824  | REGULARISE        | 476.350053 |
| INTEREST 475.966698  EX TEMPORE 475.78641  ARGUABLE DEFENCE 475.084192  LATENT DEFECT 475.062896  JUDICIAL OFFICER 474.462629  INDEMNIFICATION 473.849219  PARAMOUNTCY 473.169824   | DEPONENT          | 476.128025 |
| EX TEMPORE 475.78641  ARGUABLE DEFENCE 475.084192  LATENT DEFECT 475.062896  JUDICIAL OFFICER 474.462629  INDEMNIFICATION 473.849219  PARAMOUNTCY 473.169824  | CONFLICT OF       | 175 066600 |
| ARGUABLE DEFENCE 475.084192  LATENT DEFECT 475.062896  JUDICIAL OFFICER 474.462629  INDEMNIFICATION 473.849219  PARAMOUNTCY 473.169824  |                   |            |
| LATENT DEFECT       475.062896         JUDICIAL OFFICER       474.462629         INDEMNIFICATION       473.849219         PARAMOUNTCY       473.169824  | EX TEMPORE        | 475.78641  |
| JUDICIAL OFFICER 474.462629<br>INDEMNIFICATION 473.849219<br>PARAMOUNTCY 473.169824   | ARGUABLE DEFENCE  | 475.084192 |
| INDEMNIFICATION 473.849219 PARAMOUNTCY 473.169824   | LATENT DEFECT     | 475.062896 |
| PARAMOUNTCY 473.169824  | JUDICIAL OFFICER  | 474.462629 |
|   | INDEMNIFICATION   | 473.849219 |
| CIVIL COURT 472.939253  | PARAMOUNTCY       | 473.169824 |
|   | CIVIL COURT       | 472.939253 |

| CDD                        | 472 140716 |
|----------------------------|------------|
| CPR<br>JUDGMENT            | 472.140716 |
| PROCEDURE                  | 471.759743 |
| INHERENT POWER             | 471.321328 |
| EXEGESIS                   | 471.192694 |
| INFEFTMENT                 | 471.163102 |
| AWARD                      | 470.975049 |
| REMEDIAL ACTION            | 470.615297 |
| INAPPROPRIATE<br>BEHAVIOUR | 470.041567 |
| CUSTOMARY                  | 469.532485 |
| PRIMARY LIABILITY          | 469.131543 |
| TENDERER                   | 468.792305 |
| LAW JURISDICTION           | 468.364989 |
| SECTION                    | 467.855494 |
| CONSTRAINT                 | 467.67313  |
| DESERTION                  | 467.472391 |
| TRANSSEXUAL                | 467.304305 |
| PRIORITY DATE              | 466.863683 |
|                            |            |
| BEARER                     | 466.854715 |
|                            | 466.681999 |
| INVIOLABLE                 | 466.656973 |
| COVENANTEE                 | 465.900757 |
| UNFETTERED<br>DISCRETION   | 465.663292 |
| VALID NOTICE               | 465.574108 |
| MENACE                     | 465.18495  |
| DUTY OF CARE               | 464.79894  |
| EWHC                       | 464.032669 |
| SUBSTANTIVE RIGHT          | 463.768127 |
| LEASEHOLDER                | 462.909054 |
| NIL LIABILITY              | 462.218545 |
| TOLERANCE                  | 462.144257 |
| ACCRUAL BASIS              | 462.059661 |
| ANCILLARY MATTER           | 461.799964 |
| EXTRANEOUS                 | 461.631602 |
| PRELIMINARY PLEA           | 461.462135 |
| EVASION OF VAT             | 461.432177 |
| RATIFICATION               | 461.321827 |
| CONTRIBUTORY               | 461.301459 |
| FAULT<br>SUBPARAS          | 461.235892 |
|                            |            |
| PATENT PROTECTION          | 460.438664 |
| LTD.                       | 460.350744 |
| SUBSTANTIVE<br>OBLIGATION  | 460.099355 |
| DISTRIBUTABLE              | 459.6839   |
| WRONGFUL CONDUCT           | 459.502487 |
|                            | 1          |

| ASSURE                     | 459.419815 |
|----------------------------|------------|
| LOCUS STANDI               | 459.302476 |
|                            | 459.132296 |
| MALPRACTICE                |            |
| POSSESSORY                 | 458.743296 |
| LEGISLATIVE SCHEME         | 458.379007 |
| EXPERT WITNESS             | 458.211914 |
| COMPLETE<br>AGREEMENT      | 457.613139 |
| EXERCISE OF<br>JUDGMENT    | 457.227869 |
| INSOLVENT<br>LIQUIDATION   | 456.811212 |
| ILLIQUID CLAIM             | 456.557383 |
| JUDGMENT                   | 456.081173 |
| REGULATION                 |            |
| DIRECTIVE                  | 455.784687 |
| RETROCESSION               | 455.63227  |
| ABSOLVE                    | 455.557907 |
| JUDICIAL PRACTICE          | 454.944658 |
| DEPENDENCY                 | 454.879054 |
| DEED OF TRUST              | 454.712829 |
| LBO                        | 454.378073 |
| MANDATORY<br>SENTENCE      | 454.229754 |
| PROFITABILITY              | 454.126541 |
| TYPESCRIPT                 | 454.10567  |
| ASSIMILATE                 | 453.867073 |
| DEMARCATION                | 453.801671 |
| SETTLE                     | 453.210912 |
| INFANCY                    | 453.116459 |
| RESPOND                    | 452.783352 |
| EXEMPLARY DAMAGE           | 452.088476 |
| RULE OF COURT              | 451.886186 |
| ANONYMOUS<br>EVIDENCE      | 451.837888 |
| CONCURRENT<br>JURISDICTION | 451.63438  |
| DISCUSS                    | 451.421273 |
| UNAUTHORIZED               | 451.414685 |
| REPRESENTOR                | 450.379186 |
| KIDNAP                     | 450.222022 |
| EXTINCTION                 | 449.760639 |
| CERTIFIED QUESTION         | 449.67844  |
| RELINOUISH                 | 449.232971 |
|                            |            |
| BAILIFF                    | 448.652822 |
| PARI PASSU                 | 448.300838 |
| LEGAL SEPARATION           | 448.204404 |
| LEGISLATIVE<br>PURPOSE     | 447.846502 |

|                         | Т          |
|-------------------------|------------|
| PHYSICAL RESTRAINT      | 447.794077 |
| CONDITIONAL<br>RELEASE  | 447.238706 |
| INTELLIGIBLE            | 447.097988 |
| LEGITIMATELY            | 446.996788 |
| SUMMON                  | 446.308752 |
| COGNIZABLE              | 445.556436 |
| UNFETTERED RIGHT        | 445.549376 |
| BLAMEWORTHY             | 445.382893 |
| YOUNG PERSON            | 444.846443 |
| LEGAL REMEDY            | 444.762744 |
| REVIEWABLE              | 444.37598  |
| WILFUL DEFAULT          | 444.301958 |
| GUARANTEE               | 444.288391 |
| LIABILITY<br>DEFERRAL   | 444.2463   |
| UNDISPUTED              |            |
| EVIDENCE                | 443.722616 |
| INTERNAL REVIEW         | 443.456182 |
| REMARRIAGE              | 442.964613 |
| EVIDENTIAL BURDEN       | 442.957519 |
| STATUTE BOOK            | 442.345245 |
| TRIAL COUNSEL           | 442.215912 |
| TORTIOUS DUTY           | 442.199774 |
| CORRECT PROCEDURE       | 441.994492 |
| OBSERVE                 | 441.793627 |
| ZONING                  | 441.553229 |
| UNSIGNED                | 441.330616 |
| FALSE ALIBI             | 441.040578 |
| FORENSIC PREJUDICE      | 440.577767 |
| PUNISH                  | 440.213006 |
| STATUTORY<br>REDUNDANCY | 440.050656 |
| AVOIDABLE               | 439.92893  |
| SUBSCRIBER              | 439.258821 |
| PATENT AGENT            | 439.098189 |
| WAR CRIME               | 439.095494 |
| RULE OF LAW             | 438.731872 |
| VALID PATENT            | 438.505932 |
| PRETEND                 | 437.379721 |
| CULPABLE DELAY          | 437.124246 |
| LAWFUL MANNER           | 436.585109 |
| FREE EXPRESSION         | 436.561318 |
| JUDICIAL                |            |
| ADJUDICATION            | 436.560134 |
| PRINCIPLED              | 435.917892 |
| LINE OF AUTHORITY       | 435.910684 |
|                         | .22.71000. |

| VALIDLY                 | 435.571294 |
|-------------------------|------------|
| ASYLUM                  |            |
| APPLICATION             | 435.505711 |
| EXTREMIST               | 435.499446 |
| CONJECTURAL             | 435.369627 |
| ULTERIOR MOTIVE         | 435.271967 |
| COMPARABLE<br>EVIDENCE  | 435.245122 |
| CRIMINAL INTENT         | 434.642484 |
| LAW RULE                | 434.572414 |
| LAST RESORT             | 432.927427 |
| DOMESTIC<br>LEGISLATION | 432.799923 |
| RECITE                  | 432.609174 |
| UNCONSCIOUS             | 432.5502   |
| STATUTORY FORM          | 432.499954 |
| MATERIAL                |            |
| MISDIRECTION            | 432.421888 |
| MORATORIUM              | 431.542067 |
| STATUTORY RAPE          | 431.206866 |
| EPG LISTING             | 430.920225 |
| FACTUAL FINDING         | 430.820025 |
| JUDICIAL EVICTION       | 430.721723 |
| BROCARD                 | 430.66158  |
| PROPRIETARY RIGHT       | 430.632777 |
| ADMINISTRATIVE          | 428.896749 |
| PRESCRIPTIVE PERIOD     | 428.268435 |
| COMPLICIT               | 428.075683 |
| CHARGE                  | 427.094244 |
| APPREHEND               | 427.059865 |
| AMPLIFY                 | 427.014291 |
| DIRECT EFFECT           | 426.871296 |
| PLAINT                  | 426.80406  |
| EXCULPATORY             | 426.748796 |
| MATERIAL                |            |
| KIDNAPPING              | 426.147746 |
| POSITIVE EVIDENCE       | 425.312588 |
| DISPENSATION            | 425.111807 |
| IMAGE                   | 424.826463 |
| SOUNDNESS               | 423.448424 |
| PICKET                  | 423.312179 |
| USUFRUCT                | 422.269588 |
| SOLICITOR               | 422.2688   |
| ORAL JUDGMENT           | 421.793401 |
| SUBSTANTIVE APPEAL      | 420.317563 |
| INFLICTOR               | 419.507705 |
| LEGAL PROCEDURE         | 418.867431 |
| PORTFOLIO               | 416.969692 |
|                         |            |

| A CCOLINE A DI E           | 416 677106 |
|----------------------------|------------|
| ACCOUNTABLE                | 416.677186 |
| JUDGMENT CALL              | 415.769861 |
| MARITAL<br>PARTNERSHIP     | 415.526588 |
| ABET                       | 415.162811 |
| PARENTAL                   | 414.052112 |
| RESPONSIBILITY             | 414.852113 |
| FRAUDULENT<br>SCHEME       | 413.058505 |
| SPECIALIST TRIBUNAL        | 412.709846 |
| PREDOMINANT                | 412.5995   |
| PURPOSE                    |            |
| DEFICIENT                  | 412.30825  |
| LIMITED<br>JURISDICTION    | 411.731259 |
| CONTRIVANCE                | 410.694646 |
| FREEZING ORDER             | 410.20781  |
| DISPROVE                   | 409.944206 |
| DIXIT                      | 409.689853 |
| FORBID                     | 409.529813 |
| _                          | 409.473945 |
| UNDISCHARGED               |            |
| MISADVENTURE               | 409.439803 |
| ULTERIOR PURPOSE           | 408.772421 |
| ECJ                        | 408.694963 |
| END ALLOWANCE              | 408.652752 |
| RENVOI                     | 408.522087 |
| PERMANENT<br>INJUNCTION    | 408.520026 |
| TENANT                     | 408.111902 |
| BAILII                     | 407.793289 |
| LEGAL REQUIREMENT          | 407.647721 |
| EXPRESS                    |            |
| DECLARATION                | 407.38308  |
| DEFRAUD                    | 407.082749 |
| LAWFUL DECISION            | 406.461496 |
| PROCEDURAL                 | 406.073536 |
| IRREGULARITY               | 400.073330 |
| DISCREETLY                 | 404.537015 |
| CONDEMNATION<br>PROCEEDING | 404.416462 |
| REASONABLE FORCE           | 403.96138  |
| BARE TRUST                 | 403.679416 |
| REPOSSESSION               | 403.31747  |
| IRRECONCILABLE             |            |
| CONFLICT                   | 403.160367 |
| ENFORCEABLE                | 402.631084 |
| CONTRACT                   | 702.031004 |
| JUDICIAL<br>SUPERVISION    | 402.604519 |
| SUMMARY                    | 402.425939 |
| PROCEEDING                 | TUL.TLJJJJ |

|                               | T          |
|-------------------------------|------------|
| ARBITRAL<br>PROCEEDING        | 402.258323 |
| DENUNCIATION                  | 401.923714 |
| CONTRACTUAL RIGHT             | 401.396278 |
| IRRETRIEVABLY                 | 400.884203 |
| JUDICIAL ORDER                | 400.869007 |
| RIPARIAN                      | 400.784596 |
| INTERMITTENT                  | 400 107626 |
| CUSTODY                       | 400.107626 |
| PROPRIETARY                   | 399.725671 |
| ESTOPPEL CLAIM INTERIM RELIEF | 399.366989 |
| CESSER                        | 398.150215 |
| COURT ROOM                    |            |
|                               | 397.628882 |
| FOREIGN COURT                 | 397.54036  |
| POTENTIAL<br>INFRINGEMENT     | 397.317394 |
| SUBSTANTIVE LAW               | 397.155761 |
| ENROL                         | 396.750601 |
| VIOLATION OF                  | 396.245778 |
| ARTICLE                       | 396.245778 |
| ABSOLUTE                      | 395.756533 |
| EXEMPTION<br>IMMIGRATION      |            |
| AUTHORITY                     | 395.365909 |
| IMMUNE                        | 395.286192 |
| UNLAWFUL DIVIDEND             | 394.467778 |
| CIVIL COURT                   | 393.872413 |
| FRAUDULENT                    | 202 201602 |
| CONDUCT                       | 393.301603 |
| SECRET                        | 393.273189 |
| REFERRAL                      | 392.536382 |
| QUID                          | 392.342063 |
| CONTRACTUAL                   | 391.784105 |
| LIABILITY                     | 391.688454 |
| BACKDATE  UNIET DEFENDANT     |            |
| UNFIT DEFENDANT               | 391.672236 |
| ORAL TESTIMONY                | 391.653999 |
| IMBURSEMENT                   | 391.156308 |
| DEPOSITOR                     | 391.096966 |
| PROCEDURAL JUSTICE            | 390.837148 |
| PROCEDURAL<br>PROTECTION      | 390.665563 |
| UNDUE HARDSHIP                | 389.343021 |
| LIEU OF NOTICE                | 388.875716 |
| ANCILLARY DUTY                | 387.958375 |
| EXAMINATION OF                |            |
| WITNESS                       | 387.816415 |
| RELIGIOUS                     | 387.730202 |
| DISCRIMINATION                |            |
| UNLAWFUL SEX                  | 387.241483 |

| CERTIFICATE OF             |            |
|----------------------------|------------|
| INADEQUACY                 | 387.205798 |
| FUNDAMENTAL                | 297 124674 |
| PRINCIPLE                  | 387.134674 |
| RETIRE                     | 386.715781 |
| NAME                       | 386.606448 |
| UNLIKELIHOOD               | 386.469104 |
| PUNITIVE ELEMENT           | 386.32775  |
| BLAMEWORTHINESS            | 385.885897 |
| CIVIL                      | 385.878489 |
| NEGLIGENT CONDUCT          | 385.635253 |
| PROCEDURAL                 | 205 502701 |
| FAIRNESS                   | 385.593791 |
| SIGNIFICANT HARM           | 385.33509  |
| ANNUL                      | 384.579199 |
| WILFULLY                   | 384.015187 |
| QUORUM                     | 383.579601 |
| BYSTANDER                  | 383.45472  |
| RESEMBLANCE                | 382.886827 |
| CONFLICTING                | 202 210404 |
| EVIDENCE                   | 382.319484 |
| DISCIPLINARY<br>OFFENCE    | 382.223541 |
| PERSUASIVE                 |            |
| EVIDENCE                   | 381.460523 |
| INDICTABLE OFFENCE         | 381.308887 |
| FRINGE                     | 381.170037 |
| PERSONAL                   | 381.067756 |
| RESPONSIBILITY             | 200 720072 |
| INJURY CLAIM               | 380.729072 |
| OFFEROR                    | 380.406642 |
| ADVERSARIAL                | 380.284593 |
| GIFT TRUST                 | 379.921881 |
| UNEXCEPTIONAL              | 379.883018 |
| ANNOUNCEMENT               | 379.498647 |
| JURISDICTION ISSUE         | 379.496878 |
| SECURITY OF TENURE         | 378.739474 |
| INJURIOUS                  | 378.646362 |
| SEPARATION                 | 378.644963 |
| AGREEMENT                  |            |
| PROCURATOR                 | 378.377677 |
| PARTITION                  | 377.747809 |
| LIFERENTER                 | 377.741147 |
| PROFESSIONAL<br>MISCONDUCT | 377.708027 |
| INEFFICIENCY               | 377.445105 |
| PREREQUISITE               | 377.346156 |
| DOMESTIC CASE              | 377.316086 |
| DETENTION ORDER            | 377.229488 |
|                            |            |

| G 1 1 1 G 1 TH 1 TH 1 TH 1 TH 1 TH 1 TH | 25 5 7 12 22 1 |
|---|----------------|
| CAUSATIVE LINK                          | 376.542831     |
| SECONDARY<br>LIABILITY                  | 376.077475     |
| LEDGER                                  | 376.001782     |
| SUE                                     | 375.51088      |
| NEGLIGENT                               | 373.31088      |
| MISREPRESENTATION                       | 375.442552     |
| MANDATORY ORDER                         | 375.1864       |
| USURPATION                              | 374.651244     |
| PERSECUTORY                             | 374.553757     |
| DEED                                    | 374.148444     |
| LITIGANT                                | 373.631258     |
| PERSUASIVE                              |                |
| AUTHORITY                               | 373.434082     |
| JUDICIALLY                              | 373.326115     |
| DISOBEDIENCE                            | 372.472737     |
| DELIBERATE ACT                          | 372.18066      |
| PREPARATORY                             |                |
| HEARING                                 | 371.113954     |
| CRIMINAL STATUTE                        | 370.499708     |
| TOKEN                                   | 370.452338     |
| LODGMENT                                | 370.406654     |
| ABOLISH                                 | 369.94349      |
| UNAUTHORISED<br>ENTRY                   | 369.729551     |
| SICK LEAVE                              | 369.708964     |
| UNSUBSTANTIAL                           | 369.200436     |
| INTERLOCUTOR                            | 366.911628     |
| DEMUR                                   | 366.816345     |
| POLICE WITNESS                          | 366.526266     |
| ARGUABLE POINT                          | 366.026333     |
| ACQUIESCE                               | 365.636202     |
| POTENTIAL CLAIM                         | 365.631045     |
| INSURE                                  | 365.199727     |
| CONTRACT OF<br>INSURANCE                | 365.033923     |
| APPELLATE PROCESS                       | 364.931333     |
| PSYCHIATRIC                             |                |
| EVIDENCE                                | 364.575685     |
| DISQUALIFICATION                        | 364.337887     |
| ORDER<br>INTERLOCUTORY                  |                |
| JUDGMENT                                | 363.560874     |
| ESCROW AGENT                            | 363.475663     |
| INDEPENDENT<br>CONTRACTOR               | 363.268841     |
| LAW PRINCIPLE                           | 362.884476     |
| LICENCE PERIOD                          | 362.168696     |
| UNDUE BURDEN                            | 361.916924     |
| ORDINARY CRIME                          | 361.3736       |
|   | <u> </u>       |

| EFFECTIVE CAUSE             | 361.257342 |
|-----------------------------|------------|
| RENTAL INCOME               | 361.167446 |
| ENLARGE                     | 360.650697 |
| MOVABLE PROPERTY            | 360.268648 |
| UNAPPEALED                  | 359.921867 |
| PHYSICAL LOSS               | 359.849188 |
| PHYSICAL DISABILITY         | 359.333312 |
| ALLEGED OFFENDER            | 358.783371 |
| INFORMED                    | 358.33483  |
| PROMISE                     | 358.095938 |
| FORECLOSURE                 | 357.735015 |
| PUBLIC TRUST                | 357.699681 |
| DUE NOTICE                  | 357.386716 |
| TAXABLE SUPPLY              | 357.227    |
|                             |            |
| ACTUAL NOTICE               | 357.205282 |
| LAWFUL TRADE                | 357.16191  |
| PERSONAL CLAIM              | 357.117347 |
| UNEQUIVOCAL                 | 356.996369 |
| APPLICATION                 | 356.859762 |
| SUFFICIENT BASIS            | 354.711476 |
| VESTED RIGHT                | 354.43649  |
| UNDERWRITER                 | 353.289483 |
| TERRORIST ACT               | 352.204477 |
| PHYSICAL ABUSE              | 352.102191 |
| VALID CLAIM                 | 351.992973 |
| BIGAMY                      | 351.6494   |
| SPECIFIC PROVISION          | 351.611096 |
| VALUATION<br>EVIDENCE       | 351.491905 |
| LAWFUL CLAIM                | 351.290367 |
| DEFICIT                     | 351.288571 |
| SAME PARTY                  | 351.151855 |
| CRIMINAL PENALTY            | 351.000205 |
| CONTRACTUAL<br>JURISDICTION | 350.736065 |
| GOOD PRACTICE               | 350.546894 |
| ACCEPTABILITY               | 350.254438 |
| INTEREST RULE               | 350.146202 |
| UNDISPUTED                  | 350.121202 |
| LAW CLAIM                   | 350.011672 |
| MONOPOLY                    | 349.508258 |
| LIMITED LIABILITY           | 349.08303  |
| DISQUALIFICATION            | 349.031971 |
| JUDGMENT CREDITOR           | 348.9601   |
| MARGIN OF                   |            |
| APPRECIATION                | 348.795871 |
| TEMPLATE                    | 348.522989 |
|                             |            |

| IRLR                        | 347.842955 |
|-----------------------------|------------|
| CONTRIBUTOR                 | 346.808953 |
| CONVINCING<br>EVIDENCE      | 346.437753 |
| LEGAL ANALYSIS              | 346.282313 |
| CONSEQUENTIAL<br>LOSS       | 346.167627 |
| ENSUE                       | 346.105746 |
| RESIDUARY<br>BENEFICIARY    | 346.015604 |
| RELEVANT MATTER             | 345.72656  |
| ORDINARY PRINCIPLE          | 345.459028 |
| SUBSTANTIVE DUTY            | 345.109924 |
| HEAD LESSEE                 | 345.028462 |
| FALSE WITNESS               | 344.534561 |
| LEGAL CONSULTATION          | 343.276943 |
| FOUNDED                     | 343.264814 |
| CONTEMPORANEOUS<br>EVIDENCE | 343.084778 |

# 3.2.6. Applications of the term lists obtained

#### 3.2.6.1. Some pedagogical considerations on the use of corpora in the ESP classroom

The potential applications of specialised vocabulary inventories are manifold. They can be employed by linguists, translators or ESP instructors as reliable sources of information for linguistic analysis, translation or language teaching. In this section, we will present different ways of exploiting our corpus and the term lists obtained from it after implementing the methods tested above within the field of English for Specialised Purposes (ESP) teaching.

The role played by specialised corpora in ESP is discussed by scholars like McEnery and Wilson who underline the fact that they meet the needs of ESP students better than general corpora "including quantitative accounts of vocabulary and usage which address the specific needs of students in a particular domain more directly than those taken from more general language corpora" (McEnery and Wilson, 1996: 121). They continue to assert their advantages in exposing learners to genuine language samples and acting as reference for scholars to review existing didactic materials. Schmitt (2002) affirms that their use might be beneficial regarding them as a valuable teaching resource as well as a useful tool to assess vocabulary acquisition. In addition, Gilquin and Granger (2010) insist on the importance of ESL learners' exposure to authentic materials based on corpora which also offer "a large number of authentic instances of a particular linguistic item" (Guilquin and Granger, 2010: 359) thus helping to identify their meanings depending on the context where they occur.

Conversely, Flowerdew (2009) criticises data-driven methodology due to its tendency to resort to decontextualised concordance lines extracted from corpora. This author agrees with Swales (1990) and Kaltembök and Mehlmauer-Larcher (2005) that "truncated concordance lines are examined atomistically" (Flowerdew, 2009: 395).

Tim Johns' (1986, 1991) work in this area is fundamental as he coins the term data-driven learning (DDL) emphasising the use of concordance lines extracted from corpora in the English classroom where students infer the rules of language by directly observing them. They are expected to "develop strategies for discovery –strategies through which he or she can learn how to learn—" (Johns, 1991: 1). Johns believes that, by discovering the rules of language underlying real samples extracted from corpora students become "language detectives" (Johns, 1997: 101). Hunston underlines the motivating character of this learning method which may help learners to remember already acquired patterns and also bring to the foreground "previously unnoticed patterns ... that a teacher [may have] overlooked" (Hunston, 2007: 170). Following Johns' first steps into DDL methodology, Sinclair (1991, 2003) continues to develop it further having been used as reference for over twenty-five years, and being considered as one of the most influential scholars in the area (McEnery & Xiao, 2011).

Though, in a way, highly motivating, Hunston (2007) also points at the disadvantages of employing "raw corpus" samples as the base for this type of methodology, that is to say, "the student and the tutor will look at the corpus together, without either of them necessarily knowing what they will find" (Hunston, 2007: 171). This author believes that, apart from being difficult to monitor as regards timing, there is little control on the part of the language instructor over the possible outcome of the activity. Hunston presents an alternative to this uncontrolled practice by referring to the design of corpus-based materials which may include selected examples to foster the acquisition of a particular grammar point bearing in mind the learners' proficiency level. Removing undesired examples that may result confusing (especially at earlier stages in language learning) is an excellent option to employ DDL methodology in a more effective way.

The term *DDL* is revisited by Boulton (2011), amongst other authors, who attempts to embrace all the different senses and uses of a concept whose definition by Johns was too wide to be systematised. He highlights the advantages of using this methodology which is capable of "empowering learners to explore language corpora and come to their own conclusions" (Boulton, 2011: 563).

In fact, the use of corpora is considerably widespread in ESP and ESL (English as a second language) teaching owing to the fact that they can contribute to a greater or lesser extent to second language acquisition yet, as far as legal English is concerned, the scarceness of didactic materials based on legal corpora is manifest. This is the reason why counting on such term lists as the ones presented below can be an excellent aid for the ESP instructor to complement, for instance, already existing materials such as textbooks showing how specialised language is used in real professional contexts.

Authors like Harwood (2005) review pro and anti-textbook arguments based on Allwright's (1981) assumption that the process of acquisition of a language is multifaceted and too complex to be accomplished by textbooks alone. Harwood recommends the use of corpora to act as support for the EAP (English for academic purposes) class stating that they should "be used as a launch pad for classroom research into how the linguistic item in question is used by experts and students in the learners' local context" (Harwood, 2005: 158). Furthermore, nowadays, ESP and EAP textbooks such as the Cambridge International English collection are more and more often based on specialised corpora for syllabus design to try and bridge the methodological gap suggested by Harwood.

Römer (2008) also supports this idea by presenting the results of several studies aiming at evaluating the effectiveness of DDL in the second language classroom. "These studies demonstrate that corpora nicely complement existing reference books

and that they may provide information which a dictionary or grammar book may not provide" (Römer, 2008: 120). Along these lines, McEnery and Xiao's (2011) review on the use of corpora in language teaching and learning is probably one of the most comprehensive ones written to date. Based on Leech's (1997) work, they describe three main focuses as regards the convergence between CL (corpus linguistics) and ESL:

"That convergence has three focuses, as noted by Leech: the indirect use of corpora in teaching (reference publishing, materials development, and language testing), the direct use of corpora in teaching (teaching about, teaching to exploit, and exploiting to teach) and further teaching-oriented corpus development (languages for specific purposes (LSP) corpora, first language (L1) developmental corpora and second language (L2) learner corpora)" (McEnery & Xiao, 2011: 364-5).

The following section presents some proposals based on the literature consulted to exploit the numerous possibilities offered by specialised corpora and the vocabulary inventories extracted from them.

#### 3.2.6.2. Direct applications of the term lists provided and the specialised corpus

Before starting with an actual proposal of activities, we decided to consult three legal English textbooks: *Professional English in Use: Law* (Brown & Rice, 2007); *Introduction to International Legal English* (Krois-Linder & Firth, 2008) and *Absolute Legal English* (Callanan & Edwards, 2010) so as to decide on questions such as text coverage, the coincidences between our term inventory and the one extracted from the textbooks, or the relevance of our term lists in comparison with the one obtained from the latter. This was done to ensure the usefulness and representativeness of our term lists in comparison with the legal English textbooks used as reference which cover varied genres and legal areas other than law reports.

The first step consisted in scanning and processing the textbooks using an OCR software. Then, the texts obtained, which contained 196,245 tokens, were stored in raw text format and processed with Wordsmith 5.0 (Scott, 2008) resulting into a type list of 14,686 items that could be analysed and compared with the ones based on BLaRC, our legal corpus (the set of texts obtained by scanning the three textbooks will be referred to as LeG-TeXT henceforth). We concentrated solely on SWTs to facilitate the comparison and the automatic search for concordance lines employing the *Concord* tool included in Scott's (2008) Wordsmith's package.

After extracting and validating the STWs in *LeG-TeXT*, having applied Drouin's (2003) ATR method, TermoStat, it was attested that 67% of the SWTs identified were already present in the term lists obtained from BLaRC using the same ATR method, a considerably high percentage taking into account the fact that the textbooks employed as reference deal with many different types of both private and public legal documents and topics apart from judicial decisions. Furthermore, the documents used in the textbooks examined are usually adapted to fit into CEFR<sup>19</sup> level B2 to C1, which makes such overlap percentage even more relevant as *BLaRC* is made up of authentic language samples.

LeG-TeXT was also analysed with Heatley and Nation's (1996) software Range adapting our term list (the SWTs obtained from BLaRC) to become a baseword list used as reference by the software (instead of employing the ones provided by default with the software programme from  $GSL^{20}$ ,  $AWL^{21}$  or BNC) with the purpose of establishing the percentage of running words in LeG-TeXT covered by it. Surprisingly, the specialised terms found in BLaRC covered 12.37% of the running words in the textbook corpus,

<sup>&</sup>lt;sup>19</sup> Common European Framework of Reference for languages. <sup>20</sup> Michael West's (1953) General Service Vocabulary List.

<sup>&</sup>lt;sup>21</sup> Averyl Coxhead's (2000) Academic Word List.

nearly three times as much as the expected percentage of text coverage established by Nation for specialised vocabulary.

According to Nation and Waring (1997), knowing the most frequent 2,000 words included in West's (1953) *GSL* enables us to understand approximately 80% of the words in any text. Nation (2001) classifies vocabulary into four different categories depending on their level of specialisation: general words, which provide ca. 80% of text coverage (or *text range*, as Nation puts it); academic words, included in Coxhead's (2000) *AWL* which can cover around 10% of the words in any text; technical words, which cover approximately 5% of the tokens in the corpus; and low frequency words, that is, those which do not fit into any of these categories, which would cover the remaining 5% of words.

Nevertheless, the specialised terms in *BLaRC*, which would fit into Nation's category of technical words (5% predicted text range), cover almost three times as many words as it would be expected. Probably, the fact that legal terminology is often employed outside the legal domain can explain this finding. Actually, as shown in the introduction, after processing the lists of terms identified in *BLaRC* with *Range*, almost half of the specialised vocabulary in those lists was found in West's (1953) *GSL* and Coxhead's (2000) *AWL* as well as amongst the most frequent 2,000 words of *BNC*, which would possibly justify that a greater number of tokens in *LeG-TeXT* was covered by our term inventories. Such overlap could actually be explained by the fact that almost half of them are either shared by the specialised and general fields without changing their meaning or they acquire a new specialised meaning in the legal context.

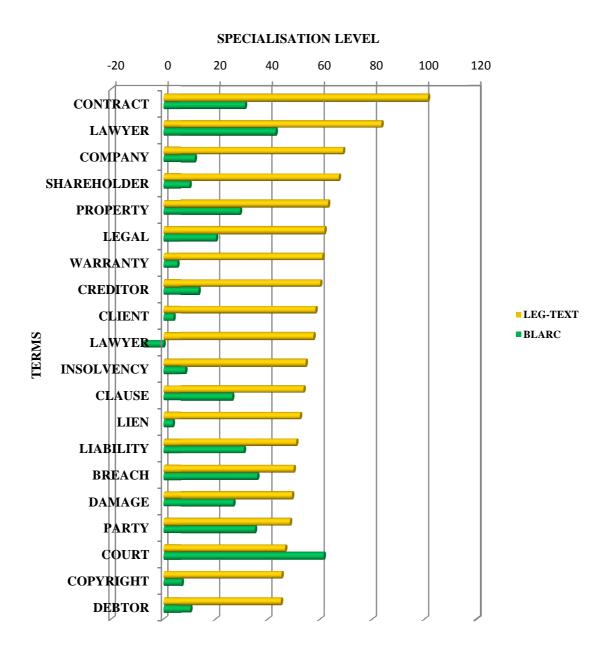
In spite of the overall coincidences between the full term lists extracted from *LeG-TeXT* and *BLaRC*, once they were processed applying Drouin's (2003) *TermoStat* and owing to the differences between both text collections, as figure 12 indicates, the

level of specialisation of the 20 top terms in LeG-TeXT differs greatly from the same value in BLaRC. The highest ranking term in the former, contract ( $S^{22}$ =101.39), ranks 78<sup>th</sup> in the latter (S=31.34), whereas a word like court, whose specialisation level reaches 61.48 in BLaRC, only displays 46.73 for the same parameter in LeG-TeXT, probably due to the relevance of the term court within judicial decisions, where this word is constantly employed as reference for case citations, amongst other uses. Conversely, a word like contract, highly relevant in LeG-TeXT, does not appear to be so outstanding in BLaRC, where contract law is just one of the many law branches which the cases heard at British courts belong to.

The most striking differences can be found amongst words like *lawyer* (*LeG-TeXT* S=57.56; *BLaRC* S=-7.76) or *client* (*LeG-TeXT* S=50; *BLaRC* S=3.8), which are identified as highly specialised terms in the textbook collection while they would have not been included in the term list obtained from *BLaRC* by *TermoStat* due to their low coefficient. Probably, their more general character (they can be employed in everyday English not requiring any specialised knowledge of the legal field) might justify this huge difference since textbooks are adapted to the learners' level and law reports are authentic texts which comprise highly technical vocabulary.

The graph below also reveals certain coincidences amongst words such as *liability* (*LeGTeXT* S=50.97; *BLaRC* S=30.92); *breach* (*LeGTeXT* S=50; *BLaRC* S=36.04); *damage* (*LeGTeXT* S=49.37; *BLaRC* S=26.88) or *party* (*LeGTeXT* S=48.57; *BLaRC* S=25.16) whose levels of specialisation in both corpora are similar possibly owing to their reference to common concepts related to judicial proceedings which may as well be part of the contents in a legal English syllabus focusing, for instance, on civil or criminal law processes.

 $<sup>^{22}</sup>$  SL stands for specialisation level, according to Drouin's (2003) ATR method.



**Figure 12.** Top 20 terms identified in LeG-TeXT using TermoStat and corresponding values in BLaRC

Nonetheless, in spite of the differences amongst the words sampled above, the overall number of coinciding terms and the percentage of text coverage provided by the term inventories extracted from *BLaRC* might be indicative of their usefulness as

support material for the legal English class. Let us then suggest some activities that could be planned using our legal corpus as a source of information to develop them.

Numerous authors (Johns, 1991; Aston, 1997; Leech, 1997; Tribble & Jones, 1997; Brodine, 2001; Pérez & Cantos, 2004; Cotter, 2006; Fuertes-Oliveira, 2008; Rodgers, 2011, to name but a few) have carried out experiments using a DDL methodology to plan and evaluate different types of activities which focus on diverse language levels and learning skills, for instance:

- o Studying the differences between synonyms like *convince* and *persuade* based on the analysis of the grammatical pattern found in the concordance lines provided (Johns, 1991).
- o Finding the most frequent collocates of a technical word like *cancer* in a specialised corpus to try and establish a typology of the term (Rodgers, 2011), followed by oral and written discussions employing the terms found.
- Looking up words in a dictionary and contrasting their different senses with the information obtained from the concordances offered (Fuertes-Oliveira, 2008).
- Studying derivational processes by which words are formed stemming from a base or headword (Cotter, 2006).
- Evaluating term acquisition through the use of fill in the gaps exercises based on a corpus (Cotter, 2006).
- Promoting self-discovery by developing L2 learners' awareness of their own oral production (Pérez & Cantos, 2004).

As already stated, the activities suggested below could be employed as a complement to other existing teaching materials such as textbooks, thus, they are adapted to suit the competence level established for the three legal English textbooks

employed as reference which is intended to help the students progress from CEFR level B2 to C1, whereby they are expected to be able to understand specialised texts and communicate efficiently in a specialised environment.

For the accomplishment of the tasks proposed, students should be instructed in advance to use concordancers<sup>23</sup> so as to be able to easily access the information requested from the corpus used as support for the legal English class (BLaRC in this case). They should learn how to generate concordances, identify collocates, sort the concordance lines depending on their preferences, apply stop lists whenever it was required, adjust the settings for the identification of collocates, and so forth, so that the data provided by the corpus can be handled by them autonomously and exploited in as many ways as possible.

One of the activities that could be planned to develop the learner's awareness on the morphological structure of legal terms, which would also contribute to make them explicitly reflect on the processes underlying word formation, would be asking them to try and guess what terms would stem from a list of the most relevant ones found in their textbooks, that is, asking them to try and form part of their word families (Bauer & Nation, 1993). Before starting with the activity, it would be necessary to make certain morphological rules explicit as regards the use prefixes and suffixes putting special emphasis on typically legal ones such as *counter-*, *cross-*, *-ant*, etc. to facilitate and control the task.

Words like appeal, decision, claim, law, jurisdiction, statute, liable, trial, act or crime form other terms by derivation whose usage learners would have to attest through the search of concordance lines in BLaRC. These concordances would serve not only to confirm their guesses, but also to study their context of usage and meaning. The

<sup>&</sup>lt;sup>23</sup> The concordancer employed in this case has been the *Concord* tool included in Scott's (2008) Wordsmith 5.0.

concordances below illustrate the use of some of the legal terms belonging to the word families of:

#### APPEAL:

- Permission to appeal against the quantum of damages was refused by the Court of Appeal but granted by this Court. The respondents were subsequently granted permission to cross-appeal against the finding that they were liable in trespass.
- The appellants have brought this appeal in order to challenge the finding of the majority of the Divisional Court that RIPA was intended to extend to legal or medical consultations. The respondents did not <u>cross-appeal</u> against the making of the declarations, although their counsel did attempt to argue that the surveillance was proportionate, claiming to be able to do so on the terms of the certificate.

#### CLAIM:

- I would reject the suggestion that a <u>counterclaim</u> against a public authority on the ground that it has acted (or proposes to act) in a way that is made unlawful under section 6(1) of the 1998 Act should be regarded as having been made under section 7(1)(b).
- The defence of opinion is lost where a <u>claimant</u> proves that the defendant did not act honestly in publishing the opinion complained of.

#### LAW:

- The underlying purpose of the Act, as I have already analysed it, reinforces that conclusion. "Lawful" in this context means having leave to enter.
- I further guarantee that I will not indulge myself into any  $\underline{\text{unlawful}}$  or illegal activity in the United Kingdom."

#### TRIAL:

- These included admitting evidence of <u>pre-trial</u> statements made before a judicial authority and preserving the anonymity of witnesses.

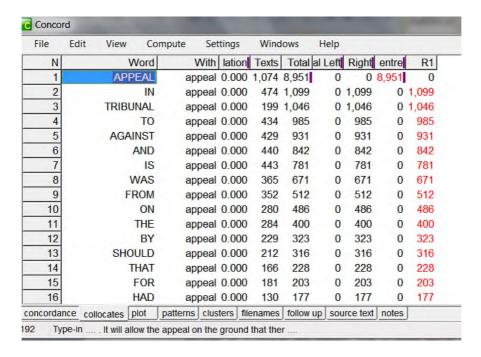
- That order, so long as it stands, would prevent the BBC from broadcasting the circumstances of D's acquittal and discussing the possibilities of his future <u>retrial</u> save on an entirely anonymous basis.

#### *ACT*:

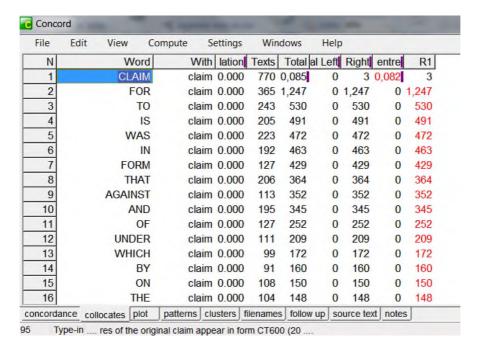
- The court said that it had also been accepted that, in view of the principle of legal certainty, a constitutional court may set a time-limit for the legislator to <u>enact</u> new legislation with the effect that an unconstitutional provision remains applicable for a transitional period.
- English law would not be determinative of the position under the law of the Cayman Islands after the <u>enactment</u> of the Cayman Islands Company Law 1989

On a syntactic level, the study of grammar patterns is another potential application of corpus-based activities within DDL. Learners could be asked to focus on the most frequent prepositions accompanying a set of legal terms by examining the concordances generated by them and concentrating on their collocate lists. They would be requested to study the main collocates of a group of words such as *appeal*, *claim*, *application*, *right* or *breach* with the aim of identifying those prepositions which the concordancer would present as their most relevant functional collocates. In order for the activity to accomplish its goal, only the immediate right collocates would be considered. After doing so, they would be offered different examples extracted from *BLaRC* to fill in the gaps with the appropriate prepositions to guarantee the validity of their observations.

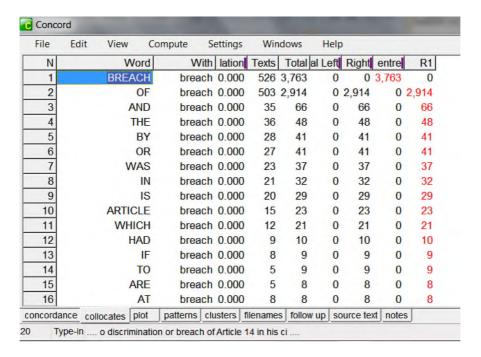
The figures below illustrate the lists of the main collocates generated by *appeal* (figure 13), *claim* (figure 14) and *breach* (figure 15).



**Figure 13**. *List of immediate right collocates attracted by appeal* 



**Figure 14.** *List of immediate right collocates attracted by claim* 



**Figure 15.** *List of immediate right collocates attracted by breach* 

Focusing on a semantic level, it would also be interesting to study the contexts of usage of those terms which, according to numerous authors (as shown in chapter 4), might present certain difficulties for their acquisition due to their polysemic character. They are the so-called *sub-technical words*, defined and studied in greater detail in chapter 4, which characterise legal language and partly justify the great percentage of shared vocabulary between the legal and general fields. They may acquire a specialised sense when in contact with the legal environment causing confusion to ESP learners who might have already acquired them as part of their general vocabulary.

Learners would be given a list of these words taken from the corpus asking them to match the concordance lines obtained with the different senses of those words taken from a general and specialised monolingual dictionary: *The Oxford English Dictionary* (2002) and *Dahl's Law Dictionary* (Saint-Dahl, 1999). For this activity, they should also resort to a general corpus in order to identify the general meanings of the words given. There is a plethora of options, for instance, they could access other general

corpora either stored on their computers or offered online. Mark Davies' website (<a href="http://corpus.byu.edu">http://corpus.byu.edu</a>) provides online access to varied general English corpora which could serve this purpose. The example below illustrates the most frequent senses of the *sub-technical* terms *party* and *offence* selected amongst the ones defined in the *OED* (2002) and the concordances obtained from *BLaRC*, our legal corpus, and *LACELL*, the general one:

#### - PARTY

| MEANINGS (OED)   | CONCORDANCES   |
|--|--|
| A social gathering especially for pleasure or amusement  | if I were to plan a big <u>party</u> , or an anniversary or something like that, and I'd hope those would be jolly enjoyable days too( <i>LACELL</i> ) |
| 2. An established political group organized to promote and support its principles and candidates for public office | I witnessed this over and over again, until I decided to join the Green Party in 1993 (LACELL)   |
| 3. A person or group involved in a legal proceeding as a litigant  | Each <u>party</u> shall pay its own costs in respect of the issue of costs ( <i>BLaRC</i> )  |

### - OFFENCE

| MEANINGS (OED)   | CONCORDANCES  |
|--|---|
| 1. Annoyance, displeasure, or resentment                 | I didn't take <u>offence</u> at the question, I think it was a perfectly fair question, ( <i>LACELL</i> )   |
| 2. A violation or breach of a law, custom, rule, a crime | The Director may withdraw or restrict access to the facilities in response to an <u>offence</u> or a suspected <u>offence</u> against these rules or to protect the services ( <i>BLaRC</i> ) |

To finish with this section devoted to the didactic exploitation of corpus data, a subject-oriented activity is suggested. Using the MWT list generated by Nazar and Cabré's (2012) method, *Terminus 2.0*, we selected a number of these items that could help the learners understand and acquire, for example, such a concept as "types of

claim" in the UK. Then, they would have to clearly delimit the concept by differentiating the categories or types comprised by it. This could be achieved by providing concordance examples with gaps which they could fill in using the compound term list provided. Using a specialised dictionary would be recommendable as support to perform this task due to its greater complexity. In addition, they would probably have to consult the co-text of the concordances for a fuller understanding of the examples.

The tables below show the MWTs associated to *claim* and identified by *Terminus* (Nazar & Cabré, 2012). They have been arranged according to the level of specialisation calculated by the ATR method applied. Below, some of the concordances found in *BLaRC* are also offered:

| CLAIM TYPES       | <b>SPECIALISATION</b> |
|-------------------|-----------------------|
| (MWTs)            | (Terminus)            |
| FRESH CLAIM       | 2767.60               |
| POSSESSION CLAIM  | 1480.37               |
| DERIVATIVE CLAIM  | 1426.45               |
| UNFAIR DISMISSAL  | 987.766               |
| CLAIM             | 907.700               |
| BATTERY CLAIM     | 939.60                |
| PROPRIETARY CLAIM | 597.777               |
| CIVIL CLAIM       | 587.884               |
| ILLIQUID CLAIM    | 456.557               |
| RENEWAL CLAIM     | 414.608               |
| EQUAL PAY CLAIM   | 407.413               |
| PERSONAL INJURY   | 380.729               |
| CLAIM             | 360.729               |

#### CONCORDANCE LINES FROM BLaRC

- ... I don't believe it and therefore I am not going to regard it as a **fresh claim** ...
- ... he could review the Council's decision to bring and maintain the **possession claim** on normal judicial review principles ...
- ... there were special circumstances justifying the derivative claim which he seeks to bring ...
- ... if he had been of the view that the **unfair dismissal claim** had not been made in time ...
- ... prosecution in a civil court of the assault and battery claim would be "manifestly unfair" to him ...
- ... her family was to ensure that the husband acquired no **proprietary claim** to shares in the wife's family ...
- ... It is not necessarily an abuse to proceed with a civil claim in tort against a defendant who ...

- ... that the rule that an illiquid claim cannot be pleaded by way of compensation to a liquid claim ...
- $\dots$  the applicant's own evidence in his **renewal claim** form to benefit where the phrase 'emotional support' was used  $\dots$
- ... in what circumstances, if any, can a claimant in an **equal pay claim** show that she is in the same employment as a man employed by the same employer at a different establishment in a different job?
- ... he had instructed a solicitor to lodge a **personal injury claim** against the company in respect of the injury to his hand ...

An oral group discussion could follow this activity consisting in asking and answering questions about the meanings of the terms employed in it or the differences in this respect between the British and the Spanish legal systems. To conclude, an essay on this subject could also be proposed as a final task to complement their work on the concept of *claim* and *claim types* in UK law.

#### 3.3. CONCLUSION

In this chapter, a comparison amongst ten different single and multi-word term recognition methods has been carried out. Such comparison was made using *UKSCC*, a 2.6 million-word pilot corpus of judicial decisions of the UK Supreme Court. Concerning precision (recall could not be calculated in all the cases because of the thresholds applied by the authors), the results differ greatly showing that Drouin's (2003) *TermoStat* and Nazar and Cabré's (2012) *Terminus* are the most efficient ones in identifying the terms in our legal corpus. They manage to recognise 73.45% and 71.50% true single and multi-word terms respectively on average. As a matter of fact, *TermoStat* reaches a peak of 88% precision for the top 200 CTs extracted whereas *Terminus* identifies 84.5% TTs within the same range. Such percentages were calculated by comparison with a gold standard, a 10,088 entry electronic legal glossary compiled from four different electronic sources and two specialised paper dictionaries, as stated above.

After selecting the most efficient methods tested on the pilot corpus, they were used to analyse *BLaRC*, an 8.85 million-word legal corpus of UK law reports compiled *ad hoc*. The lists produced were validated and the results varied slightly from the ones obtained in the analysis of *UKSCC*. In spite of using the same number of CTs as in the evaluation phase (2,000 CTs for SWTs 1,400 for MWTs), *Terminus* decreased considerably its efficiency by 7 points on average managing to identify 64.5% TTs and finding its peak at 78.5% for the top 200. As for *TermoStat*, the results were rather similar extracting 74.5% TTs and reaching a peak of precision of 87% for the top 200. Different options were also considered for evaluation, as shown above.

The validation of these different methods led to the production of two word lists, one of them showing the SWTs generated by *TermoStat* (table 3) and excluding those that *Terminus* also identified, and another one containing both the single and MWTs produced by *Terminus* (table 4). Needless to say that, in spite of the reliability of the gold standard used for evaluation, the lists were manually supervised to reduce noise to the minimum.

In the final section of this chapter, after reviewing different authors' views on DDL, some activities focusing on the legal lexicon were suggested to complement the ones offered in three different legal English textbooks using *BLaRC* as the source for such activities. They were focused on several linguistic levels, namely, morphological (concentrating on derivational processes for word formation), syntactic (grammatical patterns associated to certain legal terms), semantic (study of polysemic terms) and discoursive (oral discussions and essay writing suggested to reinforce the acquisition of compound terms). A final subject-oriented activity was also designed to try and focus on legal contents proposing a final oral discussion and writing activity to consolidate their acquisition.

To sum up, one of the advantages of resorting to ATR methods is that, due to the size of corpora nowadays, accessing such information as the specialised lexicon of a given language variety becomes a relatively easy task. Nonetheless, still much remains on the part of specialists to make the last decisions to discriminate terms from nonterms. When words have numerous senses, it is unavoidable to rely on the specialist's criterion to disambiguate them. As Lemay et al. point out, automatic methods might be of great help for terminologists to confirm their own intuitions and in particular, to "bring to their attention units that might have been considered as trivial and non-domain-specific" (Lemay et *al.*, 2005: 245).

The applications of the lists produced by these methods are diverse; they can be employed by translators, linguists or ESP practitioners. This chapter has also been intended to illustrate some of them.

# CHAPTER 4 AN ANALYSIS OF SUB-TECHNICAL VOCABULARY

# **CHAPTER 4**

#### 4.1. INTRODUCTION

Having already generated a list of the specialised terms in *BLaRC* automatically, we will concentrate on a particular group of them which ATR methods do not differentiate from purely technical terms or even exclude from their lists. The character of these words is ambiguous and they pose considerable difficulties for their identification using statistical data owing to the fact that they are shared both by the general and specialised fields. Moreover, authors show their concern about them constituting a problem area in ESP teaching since they can be polysemic and often gain a new specialised sense in the technical context which may differ to a great extent from its general one.

Using Heatley and Nation's (1996) software *Range* to compare the list of single-word legal terms found in *BLaRC* with the most frequent words of English, it was found that that 40.47% of these terms are included amongst the most frequent 3,000 word families in West's (1953) *GSL* and Coxhead's (2000) *AWL*. The percentage is slightly higher, 45.41%, if compared with the *British National Corpus* thus confirming that almost half of the legal terminology identified in our corpus is shared with general English, as already affirmed in the introduction.

Let us then study this particular type of vocabulary commonly labelled as *subtechnical* by scholars.

# 4.2. SUB-TECHNICAL VOCABULARY: A REVIEW OF THE CONCEPT

As put forward by Sánchez (2000), the attempts to produce general vocabulary lists to be employed in language teaching can be traced back to early centuries, however, the reliability of the earlier vocabulary inventories was questionable due to varied reasons. On the one hand, the sources they were obtained from, which clearly conditioned their representativeness, on the other hand, the criteria employed to organise them, or the polysemic character of some of the items comprised in them whose varied meanings were not accounted for. Sánchez (2000) underlines the relevance of the work by Thorndike and Lorge (1944) as the first ones to explicitly take into consideration the senses of the words in their lists with the aim of organising them.

Following Thorndike and Lorge (1944), West (1952) provides an inventory of the most frequent 2,000 word families in English: the *GSL*. "West's list incorporates important elements that had been the subject of discussion in the preceding years among 'basic vocabulary lists'. Particularly, a detailed specification of the senses of each word and the percentage of uses accounting for every one of the senses" (Sánchez, 2000: 8). According to Nation and Waring (1997) and Nation (2001), West's word families together with the 570 families from Coxhead's (2000) *AWL* cover 85-90% of the words in any text.

Nevertheless, there are words standing somewhere in between general and highly specialised vocabulary (which is almost exclusively employed in the scientific field) whose level of specialisation is hard to define, especially using quantitative criteria. According to Lan (2001), Cowan (1974) appears to have coined the term *subtechnical* to refer to context-independent words which are shared by different scientific disciplines. In his view, these vocabulary items must be specially emphasised by the EFL (English as a Foreign Language) instructor since they might cause certain problems in the teaching and acquisition of a second language due to their ambiguity. Cowan also introduces the concept *semi-technical*, which denotes something different. It refers to those lexical items which, in spite of belonging to general English, are

frequently used in technical texts. However, there is an earlier attempt to describe this type of words, as Lan remarks. Barber (1962) extends West's (1953) *GSL* "to bridge the gap between the basic *GSL* list and lists of strictly technical vocabulary items ... [Actually], this list ... [provides] an inventory for explaining scientific ideas to the layman" (in Lan, 2001: 8), although Barber never mentions the term *sub-technical*.

Baker (1988) also labels this group of words as sub-technical: "The term subtechnical covers a whole range of items which are neither highly technical nor obviously general in the sense of being everyday life words (...)" (Baker, 1988: 91). As well as Cowan (1974), Baker addresses the question from a didactic point of view stating that this kind of words presents certain difficulties to the ESP instructor due to their obscure and unclear character. As a matter of fact, the author is not satisfied with the general/technical division of vocabulary since there is plenty of evidence that many words in specialised fields belong neither in one category nor the other one. She offers an interesting classification based on varied authors' definitions of the concept subtechnical. Amongst the six categories established to classify sub-technical vocabulary, it is the last one, "items which are used in specialised texts to perform specific rhetorical functions" (Baker, 1988: 92), which appears to be more difficult to teach and acquire, according to the author. Students may be misled by a wrong interpretation of those linguistic elements which point at the writer's evaluation of the entire text or some relevant parts of it. Therefore, the ESP instructor will have to put greater emphasis on their teaching.

Similarly, Flowerdew shows his concern about the relevance of sub-technical words in ESP syllabus design. "They are words in general usage but which have a special meaning within the technical area" (Flowerdew, 2001:82). This is precisely why it is not the content teacher who will be in charge of working on their understanding and

acquisition but rather the ESP practitioner who must include them in their syllabus. Flowerdew refers to these words as *semi-* or *sub-technical*, as equivalent terms.

On the other hand, Chung and Nation offer a different perspective on the classification of technical vocabulary although they do not exactly employ the concept *sub-technical*. They rather provide a taxonomy including four different categories to distinguish those words which are purely general, that is, words "independent from the subject matter" (Chung & Nation, 2003: 105), from technical ones (those which are exclusively employed in the field of anatomy not being shared by the general field or other scientific disciplines). In it, they include categories two and three, namely, "words that have a meaning that is minimally related to the field of anatomy" and "words that have a meaning that is closely related to the field of anatomy. They refer to parts, structures or functions of the body, such as the regions of the body and systems of the body. Such words are also used in general language" (Chung & Nation, 2003: 105) which might certainly be identified with sub-technical words.

Wang and Nation (2004) go along these lines in their analysis of Coxhead's (2000) AWL, which is organised in word families around a single headword. They attempt to clearly distinguish the members of the same family from those words which are identical in form but utterly differ in their meaning: homographs. In order to do so, they produce a "semantic relatedness scale" (Wang & Nation, 2004: 291) by means of which they can distinguish whether the different semes of a word are related to each other in a way that it can be regarded as polysemic or if, on the contrary, they are completely unrelated thus being a clear instance of a homograph. They establish six semantic levels which the different senses of a word may fit into with respect to the base meaning. They go as follows:

- "0 The meaning is the same as the base meaning.
- 1 The meaning is only slightly different from the base meaning.
- 2 The meaning is related to the base meaning with some changes.
- 3 The meaning is substantially different from but is still related to the base meaning.
- 4 The meaning is very distantly related and almost totally different from the base meaning.
- 5 There is no relationship at all between this meaning and the base meaning" (Wang & Nation, 2004: 297).

Instead of concentrating solely on the semes of a given word, Trimble adds a quantitative perspective to the subject by defining sub-technical words as "those words that have one or more 'general' English meanings and which in technical contexts take on extended meanings" (Trimble, 1985: 129), showing high frequency levels amongst them. The author discriminates between those which are shared by all scientific fields without changing their meaning and those which activate a different one in a specific scientific field.

Finally, Farrell (1990) focuses words' frequency and distribution, concluding that, generally speaking, semi-technical words tend to be well distributed across disciplines also displaying high frequency counts. Conversely, technical vocabulary is not so well distributed although it should present high frequency levels in a specialised field.

All in all, authors tend to favour the use of the term *sub-technical* basically defined as shared vocabulary by both the general and the specialised fields or amongst scientific disciplines. Some of them also stress the relevance of the different senses of this type of words which acquire new meanings in technical areas. In addition, most of them underline their relevance in ESP instruction and the greater importance they must be given within the curriculum due to the fact that they might become an obstacle in the

learners' acquisition of the vocabulary in a any scientific field. Only Chung and Nation (2003) and Wang and Nation (2004) are more exhaustive as regards the delimitation of the semantic features of technical and sub-technical vocabulary in an attempt to analyse this lexical phenomenon from a different perspective, yet they do not label shared vocabulary as *semi*- or *sub-technical*.

Thus, taking all these different perspectives into consideration, and having observed a wide sample of sub-technical words (which will be referred to as such henceforth) taken from the legal corpus,  $BLaRC^{25}$ , they will be classified into three major groups related to their semantic features, frequency and fields of usage following Wang and Nation's (2004) proposal, namely:

- 1) Words denoting a legal concept which are frequently used both in the general and specialised fields not changing their meaning in the legal context: *judge*, *court*, *tribunal*, *law*, *prosecution*, *jury*, *legislation*, *robbery*, *theft*, *guilty*, *solicitor*.
- 2) Words often employed both in the general and specialised fields which change their meaning in the legal context sharing some semantic features with their original meaning: *charge*, *offence*, *sentence*, *claim*, *decision*, *grounds*, *complaint*, *dismiss*, *evidence*, *relief*, *record*, *trial*, *battery*.
- 3) Words occurring more frequently in the specialised field than in the general one which change their meaning in the legal environment acquiring a new meaning. Their new meaning is quite distant or completely unrelated to their general sense: *appeal*, *conviction*, *party*, *warrant*, *terms*, *act*.

This taxonomy excludes what Cowan (1974) labels as *semi-technical* vocabulary (differing from other authors' definitions of the same term), that is, general words which

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<sup>&</sup>lt;sup>25</sup> And also using LACELL as reference for their general meanings and usages.

are frequently employed in the legal field. The basic reason for this omission is that Cowan's idea of *semi-technicality* does not refer to words conveying any legal concept or acquiring a specialised meaning when in contact with the legal environment (the latter are considered *sub-technical*), although they are shared by both language varieties.

Finally, as already stated, ATR methods extract sub-technical vocabulary from specialised corpora assigning them a given weight within a list of CTs. No distinctions are made in this respect between highly specialised terms and this type of words since the context is not often taken into consideration. The fact that sub-technical words are shared both by the general and specialised fields makes them harder to spot by only focusing on statistical data, hence the need to examine their context of occurrence and usage so as to be capable of discriminating between their general and specialised senses.

This is the reason why such contexts will be explored in sections 4.3 and 4.4. applying, in the first place, Williams' (2001) lexical network model. Once the lexical networks of the words under examination are calculated, step 4 of the algorithm *Sub-Tech* (described in detail in section 4.3.2.) will be applied in order to place such words along a continuum of sub-technicality by comparing the networks obtained both from a specialised and a general corpus.

After doing so, a semantic analysis of a set of sub-technical words will also be carried out in section 4.4 applying Cantos and Sánchez's (2001) lexical constellation model to the analysis of their semantic features and the path followed by this type of words towards specialisation. This method facilitates the better understanding of the nature of the relationship between general and sub-technical words by examining the underlying mechanisms to differentiate these two categories. By delving into the meanings of each of the words present in section 4.4, it can be observed that their semantic features branch out from their nuclear meaning being both related and also

detached from it as regards the acquisition of new senses deriving from the original one, at the core of the constellation.

# 4.3. A PROPOSAL TO MEASURE THE DEGREE OF SPECIALISATION OF SUB-TECHNICAL VOCABULARY

As often agreed by scholars (Mellinkoff, 1963; Alcaraz, 1994; Tiersma, 1999; Borja, 2000; Orts, 2006), legal English presents serious difficulties not only to the foreign learner but also to non-specialised natives because of its inaccessibility and pomposity. An example of this fact is the *Plain English Campaign*<sup>26</sup> in the UK whose main aim is to simplify legal texts and make them more accessible to the layman. Its convoluted syntactic structures, the use of Latin and Old French phrases, the continuous appearance of archaic terms, or lexical repetition, amongst other features, certainly hinder the understanding of legal texts such as law reports or statutes which the British legal system stems from.

Furthermore, the use of "common words with uncommon meanings", as Mellinkoff (1963: 11) puts it, also contributes to this obscurity. Words like *battery*, *trial*, *charge* or *conviction*, which are quite common in general English, acquire new specialised senses in the legal context. They are sub-technical words whose process towards specialisation is hard to quantify.

In spite of that fact, the implementation of Williams' (2001) lexical network model could facilitate considerably the study of shared vocabulary and its context from a quantitative perspective, let us then describe it in greater detail.

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<sup>&</sup>lt;sup>26</sup> http://www.plainenglish.co.uk

#### 4.3.1. William's (2001) lexical network model

The lexical network model put forward by Williams (2001) presents a quantitative approach to the study of the context of usage of words by analysing their collocates and co-collocates. The context is extended to word associations beyond the main node (the word under examination) since the networks spread out progressively by also extracting the node's co-collocates and, in turn, the collocates of those co-collocates until the main node is found again to avoid circularity. Williams employs mutual information (Church & Hanks, 1990) as the statistical measure to identify these patterns.

Although the networks must be supervised manually to discard such elements as ungrammatical or unlexical patterns, they provide large amounts of useful and meaningful information which could be applied to the study of sub-technical vocabulary, especially if a comparison is established between a specialised and a general corpus, as will be shown below. In addition, Williams underlines the usefulness of this method in its capability to "reveal patterns that are significant for texts emanating from a discourse community. These patterns may then be used to demonstrate the essential lexis of that community" (Williams, 2001: 5).

One of the problem areas of this approach is the concept of collocation applied to obtain a word's lexical network. His proposal relies on statistical data which, apart from producing large amounts of relevant information, also identifies elements which need to be purged manually. Williams acknowledges the fact that this is a first automatic step which requires the specialist's supervision. Pseudo-collocates which are unlikely to occur together (unlexical collocates), such as *charges review* or *drift sentence*—extracted from *BLaRC* using mutual information—, or which do not abide by the rules of grammar (ungrammatical collocates), for instance, *benefit has* or *regulation see*, must be eliminated by the researcher for a more exhaustive analysis of that context.

Williams reviews the concept of collocation by grouping authors' definitions into four main characteristics which collocations are expected to display. They must be habitual, that is, as Firth remarks, "collocations of a given word are statements of the habitual or customary places of that word in collocational order" (in Williams, 2001: 3). This is why they can be calculated employing statistical measures, following Sinclair's (1991) approach to the concept. However, depending on the tools employed or the measures applied, the number of collocations extracted varies and the label *candidate collocations* must be employed since pseudo-collocates must be manually filtered by the specialist.

Collocations are also described as "lexically transparent", that is, following Cruse "the essential difference between a collocation and an idiom is that in the former each word remains fully transparent whereas in the latter the meaning can no longer be decomposed" (in Williams, 2001:4). However, Williams underlines the fact that such transparency is a matter of degree, owing to the fact that a word could well be part of a collocation and an idiom at the same time.

Another characteristic described by the author is the arbitrariness of collocations across languages. It appears that most collocations cannot be translated literally from one language to another one. However, once more, this is a question of degree, as put forward by Haussman (in Williams, 2001: 4), who allocates collocations along a free-fixed continuum.

Finally, Williams refers to syntactic coherence as a condition for collocational patterns to be considered as such. Kjellmer (in Williams, 2001:4) mentions the relevance of grammaticality as a necessary condition in this respect. Nonetheless, William's perspective on this question is similar to Firth's in that "collocation is

syntagmatic recurrence, which may be described in syntactical terms, but this is not a condition" (Williams, 2001: 4).

Williams' concept of collocation could thus be identified with the Birmingham school which relies on statistical measures to extract them. Collocations can thus be calculated applying methods like mutual information (Church & Hanks, 1990) not considering such aspects as grammaticality or lexical transparency in the initial phase to obtain a word's lexical network. The author defines collocation as "the habitual and statistically significant relationship between word forms within a predefined window and for a defined discourse community, expressed through an electronic corpus of texts" (Williams, 2001: 5).

#### 4.3.1.1. Method implementation

To the best of our knowledge, no quantitative method has been designed to date to describe sub-technical words or rank them with respect to their contexts of usage in the specialised or general fields. However, due to the contextual information it is capable of processing, Williams' model might be employed as a useful tool to try and quantify this linguistic phenomenon.

Williams' method takes into consideration not only a word's capacity to generate collocates by itself but also the associations of its collocates and co-collocates, thus increasing the contextual information provided in each case. Therefore, it was employed as the means to obtain the necessary data to calculate a word's subtechnicality level by comparing the networks generated by it both in *BLaRC*, the specialised corpus, and *LACELL*, the general one. The collocate span established was 5 to the left and the right of the node and sub-nodes subsequently. Nevertheless, a >30 collocate frequency threshold was applied to prevent the networks from becoming

unmanageable. Even so, the average number of elements in each network was 2609 for *BLaRC* (294.80 after normalisation) and 596 for *LACELL* (39.83 after normalisation). Additionally, the networks expanded at two levels, that is, they comprised the main node's collocates and the collocates of those collocates (the so-called *co-collocates*) so as to limit their size in a way that the information could be properly handled (according to Williams, they are expected to grow until the main node appears again). Despite that fact, the networks often closed themselves by repeating the main node as co-collocate and therefore not requiring to be re-explored in case further collocational levels had been considered.

Both *BLaRC* and *LACELL* were analysed using *Wordsmith 5.0* (Scott, 2008) employing mutual information in both cases for the results to be more consistent. Function words were filtered out using the function wordlist provided with Heatley and Nation's (1996) software package *Range* (Heatley & Nation, 1996). Following Williams' procedure, ungrammaticality and lexical transparency were not considered for the initial selection of the collocates in each network. On the contrary, once function words had been purged automatically, all the patterns identified by mutual information were included as part of the collocate inventory. Then, the resulting lists of words forming each network were transferred to a spreadsheet and the data obtained was then processed applying step 4 of *Sub-Tech*, the algorithm proposed and explained in section 4.3.2.

#### 4.3.1.2. Sub-technical network sample

In the introduction to this section, sub-technical legal vocabulary was divided into different categories based on both statistical criteria (by comparison between the specialised and general fields) and also semantic ones (depending on the word acquiring

a new meaning in the specialised context and its relation with its original sense). As a result, three different categories were established, namely: 1) Words denoting a legal concept which are frequently used both in the general and specialised fields not changing their meaning in the legal context; 2) words often employed both in the general and specialised fields which change their meaning in the legal context sharing some semantic features with their original meaning; 3) words occurring more frequently in the specialised field than in the general one which change their meaning in the legal environment acquiring a new meaning. Their new meaning is quite distant or completely unrelated to their general sense.

Due to the size of the networks, only one of them will be included in this section to exemplify the method followed to obtain the necessary data to establish a word's subtechnicality level. The word selected is *guilty*, shared both by the specialised and the general fields which does not acquire a new sense in the legal area, thus belonging in category 1). As a matter of fact, due to its widespread use in general English, its subtechnicality coefficient is relatively low in comparison with the rest of words sampled for this study. The value assigned to this word is 2.624 which shows how, in spite of being sub-technical due to its shared character, it is much closer to the general field than to the specialised one standing at the bottom of the sub-technical word list analysed, as will be illustrated below.

This value was obtained by comparing the number and frequency of the collocates in both the specialised and general lexical networks obtained for *guilty*. As illustrated by tables 5 and 6, the specialised network of *guilty* is formed by 589 words while its general network only has 179 elements in it. The differences grow bigger if the figures are normalised since the average number of network elements would be 66.55 in the specialised corpus and 11.96 in the general one. Similarly, the average normalised

frequency of the collocates in both networks is also higher in the specialised corpus reaching 6.87 as opposed to 4.25 in the general one.

Table 5

Specialised lexical network of GUILTY (obtained from BLaRC)

| MAIN<br>NODE | MAIN NODE<br>COLLs | CO-COLLOCATES   |  |
|--------------|--------------------|---|--|
|              | PLEAD (325)        | GUILTY (275), CASE (111), CLAIM (68), APPELLANT (51), FACTS (51), ALREADY (38)  |  |
|              | PLEA (253)         | GUILTY (192), BASIS (86), LAW (47), ACCEPTED (39), ENTERED (30)   |  |
|              | OFFENCE (153)      | SECTION (303), ORDER (102), MADE (102), ARTICLE (102), RULL (63), PARAGRAPH (46), DECISION (45), ACT (45), AGREEMEN (43), CLAUSE (42), CLAIM (41), COURT (40), REGULATION (38), NOTICE (32), CPR (31), APPEAL (30)  |  |
|              | FIND (78)          | TRIBUNAL (388), JUDGE (285), FACTS (197), COURT (162), CASE (142), EVIDENCE (123), CLAIMANT (123), EMPLOYMENT (105), FACT (93), APPELLANT (91), ALSO (88), GUILTY (78), SECTION (72), PARAGRAPH (64), APPEAL (63), LIABLE (62), ARTICLE (60), DECISION (60), LAW (59), DIFFICULT (53), ONLY (50), LORD (48), RELEVANT (47), JUDGMENT (47), MADE (46), FAVOUR (44), RESPONDENT (44), IMMIGRATION (41), CLAIM (39), CIRCUMSTANCES (38), SAID (36), BREACH (36), PART (35), PARA (35), CASES (35), DISMISSAL (34), NECESSARY (34), BASIS (33), FOLLOWING (32), ACT (31), NOW (31), WAY (30), PROVED (30)   |  |
| GUILTY       | APPELLANT 78)      | EVIDENCE (363), CASE (330), APPEAL (297), RESPONDENT (271), MADE (270), BEHALF (259), COUNSEL (252), SAID (244), QC (184), DECISION (158), TRIBUNAL (152), APPEARED (152), INSTRUCTED (142), ALSO (140), GIVEN (128), FACT (113), COURT (112), APPLICATION (110), TIME (109), THEN (103), JUDGE (103), SUBMITTED (102), ENTITLED (96), STATE (94), GAVE (92), FOUND (91), COMPANY (91), COMMISSIONERS (91), TOLD (89), CONVICTED (86), ONLY (86), RESPONDENTS (81), TAKEN (79), PRESENT (78), GUILTY (78), STATED (78), ACCOUNT (78), PERSON (78), TRIAL (78), RIGHT (77), INFORMATION (75), WORK (73), ACCEPTED (72), ORDER (71), SECRETARY (71), CLAIM (70), COSTS (69), SOUGHT (68), POLICE (67), APPEALS (66), FURTHER (66), HEARING (64), HMRC (63), STATEMENT (63), KNEW (63), LEAVE (62), NOW (62), LETTER (61), JUNE (61), GOODS (60), ASKED (60), LORD (59), APPEALED (58), FAILED (58), GROUNDS (58), APRIL (58), REPRESENTATIVE (57), FOLLOWING (57), FIND (57), POSITION (56), VAT (56), POINT (56), DEAL (55), SUBMISSIONS (54), BASIS (54), RECEIVED (54), PART (54), CONSIDERED (54), LIMITED (53), FC (53), ARGUMENT (53), SEEN (52), VERY (52), ISSUE (52), PLEADED (51), PERIOD (51), CLAIMANT (51), CLAIMED (51), SECTION (50), SATISFIED (50), MAKE (50), TRANSACTIONS (49), WROTE (49), QUESTION (49), YEARS (48), RISK (48), JUDGMENT (48), SUBMISSION (48), OCTOBER (47), NOTICE (47), BENEFIT (47), PROCEEDINGS (47), PROVIDED (46), CAUSE (46), VIEW (46), DATE (45), REPRESENTED (45), PAID (44), KNOWN (44), |  |

| <u></u>        |  |
|----------------|--|
|                | SUBMITS (44), USE (44), APPLIED (44), SUPPORT (44), HUSBAND (44), GIVE (44), COUNCIL (44), RELATION (43), PUT (43), ACCEPT (43), PAY (43), HELD (42), DECEMBER (42), ABLE (42), RELIED (42), DIRECTOR (42), APPLY (41), ADMITTED (41), CONSIDER (41), HOUSE (40), CONTENDED (40), TRADING (40), CHARGED (40), SOLD (40), RAISED (40), PROVIDE (40), DENIED (40), SENTENCED (40), NOVEMBER (40), COURSE (40), SHOW (39), REASON (39), WRITTEN (39), WAY (39), EFFECT (39), CLEAR (39), JULY (39), BUSINESS (39), RETURN (39), JANUARY (39), SENT (39), PAYMENT (39), KNOWLEDGE (39), FAMILY (38), SOLICITORS (38), DAY (38), LTD (38), REFERRED (37), CIRCUMSTANCES (37), TAX (37), MARCH (37), OFFICER (37), ARGUED (37), FEBRUARY (37), INFORMED (36), SOLICITOR (36), INDICATED (36), WENT (36), DISPUTE (36), FACTS (36), REQUIRED (36), CONCERNED (36), MET (36), ISSUED (35), SEPTEMBER (35), GROUND (35), COMMITTED (35), SEPTEMBER (35), GROUND (35), COMMITTED (35), REASONABLY (35), AUGUST (35), RESPECT (35), LLP (34), NAMED (34), USED (34), ADVOCATE (34), PURSUER (34), JURY (34), NUMBER (33), BOUGHT (33), OFFENCES (33), CONDUCT (33), SAME (33), REASONS (33), PREVIOUS (33), CROWN (33), TOOK (33), AGREED (32), CONVICTION (32), SUGGESTED (32), CAME (32), COMMISSIONER (32), DEFENCE (32), SUSPENDED (32), GOOD (31), ARTICLE (31), DATED (31), CHIEF (31), RETURNED (31), PROPERTY (31), INVOLVED (30), ESTABLISHED (30), REQUEST (30), AUTHORITY (30), NEVER (30), CALLED (30), |
| MUDDED (65)    | ALLEGED (30), PRODUCED (30), LEFT (30)   |
| MURDER (65)    | GUILTY (65), CONVICTED (54), ATTEMPTED (49)  |
| DEFENDANT (54) | CASE (170), CLAIMANT (143), MADE (120), BEHALF (115), EVIDENCE (103), COURT (97), ORDER (88), PROCEEDINGS (83), CLAIM (69), PAY (68), SAID (64), PROPERTY (63), TIME (62), ALSO (57), TRIAL (55), APPEARED (54), GUILTY (54), HEARING (54), ONLY (52), CRIMINAL (52), THEN (51), ACTION (50), LIABLE (49), CONVICTED (49), DECISION (48), HELD (47), COSTS (46), DEFENCE (46), PART (45), PARTICULAR (44), JUDGMENT (44), INFORMATION (44), BENEFITED (44), FACT (43), PLAINTIFF (43), OFFENCE (43), ACT (42), APPLICATION (41), BREACH (41), FAILED (41), GIVEN (41), MAKE (40), MB (40), RESPONDENT (40), CLAIMANT'S (39), ISSUE (39), DUTY (38), ENTITLED (38), APPEAL (38), POSSESSION (37), LIABILITY (37), KNEW (37), DRUG (36), CONDUCT (36), SECTION (35), RECEIVED (35), REASONABLE (35), VERY (34), CHARGED (34), OBTAINED (34), FURTHER (33), COMPANY (33), SUBJECT (33), TAKE (33), ALLEGED (32), DECEMBER (32), PRESENT (32), WITNESS (32), QUESTION (32), PARTY (32), DATES (32), TRAFFICKING (31), SOUGHT (31), PERSON (30), GIVE (30), RELEVANT (30)   |
|                | INDICTMENT (73), GUILTY (42), IMPRISONMENT (32),   |
| COUNT (74)     | SENTENCE (31)  ACT (232), DISABLED (202), REASONABLE (197), SECTION (197),   |
| PERSON (34)    | TAXABLE (186), RIGHT (156), MADE (155), CONCERNED (147), PROVIDES (138), OFFENCE (130), CASE (123), CONTROLLED (119), ENTITLED (119), RESPECT (111), ONLY (102), QUALIFIED (102), ACTING (99), RELEVANT (98), SUBJECT (95), ORDER (95), RELATION (95), QUESTION (92), PROPERTY (86), APPLIES (85), CONVICTED (85), TIME (84), REQUESTED (84), LIABLE (83),   |

|            | DIIDDOGEG                             | 32), COURT (82), ACCUSED (81), WORK (80), ALSO  |
|------------|---------------------------------------|---|
|            | (79), APPEI                           | LANT (78), AUTHORITY (78), STATE (78),<br>TES (78), APPEARED (77), DECISION (75),         |
|            |                                       | (74), SKILLED (74), POSITION (72), MAKE (70),   |
|            |                                       | R (69), DETAINED (68), MAKING (67), MEANS (67),   |
|            |                                       | CIRCUMSTANCES (65), CONTROL (65), SAME (65),  |
|            |                                       | (62), RIGHTS (61), COMMITTED (60), PART (60),   |
|            |                                       | E (60), INTEREST (58), CANNOT (58), BEHALF (57),  |
|            |                                       | SELF-EMPLOYED (55), GROUNDS (55), CONDUCT   |
|            | (55), PERSON                          | IS (55), CHILD (54), INFORMATION (54), ARTICLE  |
|            | (54), POSSES                          | SION (54), DESIGNATED (54), APPLICATION (53),   |
|            | EMPLOYED                              | (53), AFFECTED (53), MEMBER (53), APPEAL (52),  |
|            | PROCEEDING                            | GS (52), REASON (52), LAW (52), DISABILITY (52),  |
|            | BENEFIT (5                            | 1), TREATED (51), YOUNG (50), SEEKING (50),   |
|            | ABROAD (50                            | ), ALLEGED (50), HELD (50), APPLY (49), CLAIM   |
|            | * 7 *                                 | YER (48), IDENTIFIED (48), GIVE (48), REQUIRED  |
|            | ` //                                  | (47), EVIDENCE (47), FAMILY (47), CHARGED (46),   |
|            |                                       | AKE (44), BODY (44), LIBERTY (44), OFFENCES (44),   |
|            |                                       | 3), PURPOSE (43), HEARING (43), INVOLVED (43),  |
|            | *                                     | 3), SUBSECTION (42), LIKELY (42), CRIMINAL (42),  |
|            |                                       | REGULATION (41), COMMITS (41), LIFE (41),   |
|            |                                       | 41), DUTY (40), REASONABLY (40), ASYLUM (40),   |
|            |                                       | (39), CONSIDER (39), PAY (39), DIRECTOR (38),   |
|            | 3                                     | ), COURSE (38), EMPLOYMENT (38), SITUATION  |
|            |                                       | ESS (37), TAKEN (37), PRESENT (37), COMMITTING  |
|            |                                       | DE (36), KNOWLEDGE (36), REGULATIONS (36),  |
|            | ,                                     | 86), UNITED (36), APPOINTED (36), IDENTIFY (36),  |
|            |                                       | NOTICE (36), CARE (35), RISK (35), ACTS (35), (35), EACT (35), USE (35), IMMIGRATION (35) |
|            |                                       | (35), FACT (35), USE (35), IMMIGRATION (35), FOLLOWS (34), SUPPLY (34), FAVOURABLY(34),   |
|            |                                       | , RESPONDENT (34), NEED (34), NATURAL (33),   |
|            |                                       | 3), DETENTION (33), TREATS (33), VAT (33),  |
|            | *                                     | (32), THEN (32), ACTION (32), ENGAGED (31),   |
|            |                                       | APPLICANT (31), DECEASED (31), COUNTRY (31),  |
|            |                                       | TRADITION (31), DEFENDANT (30), PUBLIC (30),  |
|            | * 7 *                                 | (30), KNOWN (30), TREATMENT (30), SECURITY (30),  |
|            | CONNECTED                             |   |
|            |                                       | 60), SECTION (45), CASE (45), EQUITABLE (44),   |
| CHARG      | · · · · · · · · · · · · · · · · · · · | ), CREDIT (40), FIXED (39), TAX (36), LEGAL (35),   |
|            | GUILTY (34),                          | RESPECT (33), SUBJECT (31)  |
|            | AGREEMENT                             | (138), CONTRACT (63), TRANSACTIONS (56),  |
| ENTER      | PARTIES (4                            | 3), TIME (42), KINGDOM (37), UNITED (37),   |
|            | · ·                                   | (35), JUDGMENT (34), GUILTY (32), PLEA (30)   |
| MASLA (31) | GHTER GUILTY (31)                     |   |
|            |                                       |   |

Table 6

General lexical network of guilty (obtained from LACELL)

| MAIN<br>NODE | MAIN<br>NODE<br>COLLs | CO-COLLOCATES   |
|--------------|-----------------------|---|
| GUILTY       | FEEL(77)              | MAKE (429), PEOPLE (182), VERY (165), BETTER (124), JUST (123), NEED (109), KNOW (105), REALLY (103), NOW (100), GOOD (96), WAY (86), WELL (86), COMFORTABLE (79), GUILTY (77), QUITE |

|          | (64), THINK (64), CONFIDENT (62), SORRY (60), THEN (59), TOO       |
|----------|--|
|          | (59), TIME (59), ONLY (58), WOMEN (58), SAY (57), GOING (57),      |
|          | SAID (56), RIGHT (55), BEGAN (54), BIT (54), ABLE (49), FREE (49), |
|          | THINGS (48), WANT (48), LOOK (48), SEE (44), GO (44), OWN (42),    |
|          | ALSO (41), OFTEN (41), IMPORTANT (40), MEAN (39), CHILDREN         |
|          | (39), SURE (38), NEVER (38), AGAIN (37), PERSON (37), ALWAYS       |
|          | (37), TIRED (37), SAME (36), LITTLE (35), STRONGLY (35),           |
|          | MAKING (35), SAFE (35), MAN (34), HELP (33), SICK (32), OLD (31),  |
|          | BAD (31), COME (31), SOMETIMES (31), PERHAPS (31), GREAT           |
|          | (30), DIFFERENT (30), PARENTS (30), UNCOMFORTABLE (30), LOT        |
|          | (30)   |
|          | DIFFICULT (276), WAY (246), PEOPLE (229), VERY (175), ONLY         |
|          | (147), HARD (144), THEN (135), ER (127), TIME (118), TRY (118),    |
|          | WORK (109), NEW (108), THINK (105), HELP (102), ERM (102),         |
|          | WELL (94), WANT (91), ALSO (90), NEED (89), JUST (88), TRYING      |
|          | (85), NOW (84), RIGHT (83), GO (80), KNOW (75), WAYS (75),         |
|          | OFTEN (73), ABLE (72), EASY (71), QUITE (69), PLACE (68),          |
|          | ALWAYS (67), GOING (67), NUMBER (64), GOOD (64), THINGS            |
|          | (63), AGAIN (63), HERE (61), WOMEN (61), TOO (60), USEFUL (59),    |
|          | USE (58), SAID (57), SEE (53), FORMULA (52), NEVER (51),           |
|          | ACTUALLY (51), BEST (51), EASIER (50), OWN (50), EXPECT (50),      |
| FIND(69) | LITTLE (40) FISE (48) WORDS (48) ROOK (47) PEALLY (46)             |
|          | HOPE (46), INTERESTING (46), LOCAL (45), BIT (45), HELPFUL         |
|          | (44), CANNOT (43), POSSIBLE (42), BETTER (42), SOLUTION (41),      |
|          | FOLLOWING (41), PROBABLY (41), MAN (41), AREA (40), JOB (40),      |
|          | COME (40), INFORMATION (40), WORLD (39), SAY (39), LONG            |
|          | (39), MAKE (39), CHILDREN (39), DAY (39), STUDENTS (38), LIFE      |
|          | (38), UNABLE (38), MEN (38), LOOK (37), SAME (37), PARTICULAR      |
|          | (36), OLD (36), YOUNG (36), SURPRISED (36), KIND (35), ANSWER      |
|          | (35), FACT (35), LIKELY (35), LOT (34), TAKE (34), LATER (34),     |
|          | EXAMPLE (34), SOMETIMES (33), FOOD (32), GIVE (32), MONEY          |
|          | (32), PROBLEMS (31), SORT (31), IMPOSSIBLE (31), USED (31),        |
|          | MEAN (30), DIFFERENT (30), PERHAPS (30)                            |
| DIEAD    |  |
| PLEAD    | O(43)   GUILTY (43)  |

#### 4.3.2. *Sub-Tech*: the algorithm

After calculating the lexical networks of several technical, sub-technical and general words, a direct observation of the information provided was carried out leading us to the formulation of a method to attempt to objectively determine a word's sub-technicality level based on a comparison between the number and frequency of the collocates and co-collocates found in those networks both in the specialised corpus, *BLaRC*, and the general one, *LACELL*.

An algorithm could therefore be proposed including all the steps followed towards the ranking of this type of vocabulary. The algorithm, owing to its major objective, was called *Sub-Tech*. It goes as follows:

**Step 1:** Identification and extraction of the specialised single and multi-word terms in *BLaRC* applying both Drouin's (2003) *TermoStat* and Nazar and Cabre's (2012) *Terminus 2.0*.

**Step 2:** Manual extraction of those words whose level of specialisation (according to the methods selected) was not excessively high being shared both by the general and specialised fields.

**Step 3:** Application of Williams' (2001) lexical network model to the list of words selected both in the specialised and general corpora with the aim of comparing results.

**Step 4:** Implementation of the formula presented below in order to rank sub-technical terms along a continuum of specialisation.

#### 4.3.2.1. Ranking method: development and justification

A lexical network  $R_i$  illustrates the relationship between a given word  $w_i$  and its collocates and co-collocates  $\{w_1, w_2, ..., w_N\}$  in a given context. These relationships are determined by the number of times  $\{\mu_1, \mu_2, ..., \mu_N\}$  such elements co-occur in that context. Depending on the corpus the network was obtained from, a distinction will be made between the specialised one based on the legal corpus  $R_i^T$  and the one based on the general corpus  $R_i^G$ .

Having empirically examined the data available, it was observed that, in general, when employing the legal English corpus as the source to obtain the lexical networks from, specialised terms as well as sub-technical ones tended to attract a greater number

of collocates and co-collocates also displaying higher frequency counts<sup>27</sup>. On the other hand, words which belong to general usage showed a smaller number of collocates and co-collocates in the same context having considerably lower frequency counts.

On the contrary, as regards the networks based on the general corpus (*LACELL*), data behaved conversely, that is to say, specialised terms were associated with a smaller amount of elements and displayed lower frequency counts, whereas general usage words tended to co-occur with a greater number of words much more frequently. Table 7 illustrates this tendency. The figures in table 7 have been normalised for the values to be comparable because of the different size of both corpora.

**Table 7**Number and frequency of the collocates and co-collocates in the lexical networks analysed

| Word        | Specialised collocates/ co-collocates (normalised) | General usage<br>collocates/co-<br>collocates<br>(normalised) | Normalised<br>Frequency<br>BLaRC | Normalised<br>Frequency<br>LACELL |
|-------------|--|---|----------------------------------|-----------------------------------|
| PURSUANT    | 404.40   | 0   | 10.34                            | 0                                 |
| ESTOPPEL    | 114.57   | 0   | 8.65                             | 0                                 |
| LIABILITY   | 421.69   | 0   | 8.20                             | 0                                 |
| BATTERY     | 27.57  | 0.73  | 7.89                             | 2.27                              |
| CONVICTION  | 281.35   | 1.33  | 10.41                            | 3.23                              |
| SENTENCE    | 491.25   | 1.53  | 9.50                             | 2.98                              |
| DISMISS     | 338.64   | 3.20  | 10.06                            | 3.81                              |
| SOLICITOR   | 159.77   | 0.33  | 8.23                             | 2.39                              |
| RELIEF      | 184.18   | 6.08  | 9.88                             | 4.45                              |
| TRIAL       | 666.66   | 2.33  | 9.22                             | 3.84                              |
| LEGISLATION | 246.44   | 39.7  | 9.23                             | 4.2                               |
| WARRANT     | 30.39  | 1.60  | 7.91                             | 3.01                              |
| PARTY       | 708.36   | 274.13  | 9.22                             | 4.73                              |
| CHARGE      | 167.68   | 64.77   | 9.08                             | 4.89                              |
| COMPLAINT   | 180.22   | 18.18   | 8.79                             | 4.70                              |
| OFFENCE     | 522.93   | 28  | 8.91                             | 5.03                              |
| GUILTY      | 66.55  | 11.96   | 6.87                             | 4.25                              |
| EAT         | 0  | 2.20  | 0                                | 3.27                              |
| BLUE        | 0  | 13.43   | 0                                | 3.52                              |
| MORNING     | 0  | 268.36  | 0                                | 4.94                              |

<sup>&</sup>lt;sup>27</sup> Frequency counts refer to the multi-word units formed by the node and its collocates and the sub-nodes and their collocates (the co-collocates). They indicate the number of co- occurrences of these elements in each corpus.

As it can be observed from table 7, the words *pursuant*, *estoppel* and *liability* are clear examples of highly technical terms which do not generate any collocates in the general corpus applying the >30 frequency threshold established in this study. Conversely, *eat*, *blue* and *morning*, general words employed in everyday language, have no collocates in the specialised corpus under the same circumstances. The rest of them are sub-technical, either because they are shared by the general and specialised areas of language without changing their meaning (*guilty*; *warrant*; *legislation*; *solicitor*) or because they acquire a technical meaning in the legal context (*trial*; *relief*; *sentence*; *conviction*). All of them have a greater number of collocates and co-collocates in the legal corpus. On average, the sub-technical words analysed in this section generate 258.29 more collocates and co-collocates in *BLaRC* than in *LACELL*. In addition, the average frequency of these collocations is higher for all of them in the specialised corpus (5.1 points higher in *BLaRC* on average) except for *eat*, *blue* and *morning*, which behave conversely due to their highly general character.

The formula below was thus designed to try and measure this phenomenon:

$$\overline{\mu}_{i} = E(\mu_{j}) = \frac{\sum_{j=1}^{N} \mu_{j}}{N}$$

Where E(.) represents the expected value (average). This method allows us to establish the degree of concentration of the elements included in a lexical network rather straightforwardly.

The coefficient of sub-technicality of a given word  $ST(w_i)$  will thus be calculated by subtracting the average frequency of the collocates and co-collocates in the general usage network  $\overline{\mu_i^G}$  from the same parameter in the specialised one  $\overline{\mu_i^T}$ . Both values must be normalised by dividing them by the total number of elements in each corpus, that is:

$$ST(w_i) = \frac{\overline{\mu_i^T}}{|C^T|} - \frac{\overline{\mu_i^G}}{|C^G|}$$

Where  $|C^T|$  and  $|C^G|$  represent the number of elements in the specialised and general corpora respectively. This normalisation is necessary so as to obtain a coherent value due to the different size of both corpora. The average frequency values in each corpus can only be compared if they are normalised since *LACELL* (14.6m words) is almost twice as big as *BLaRC* (8.85m). In order for the figures obtained to be manageable,  $|C^T|$  and  $|C^G|$  were expressed in millions of words.

The coefficient proposed above was not delimited either superior or inferiorly, therefore, the values obtained cannot be studied in isolation but rather as part of a continuum of technicality where words will tend towards one or the other end. Those words displaying a higher value will be considered more technical than those showing a lower one. Figure 16 exemplifies this continuum.

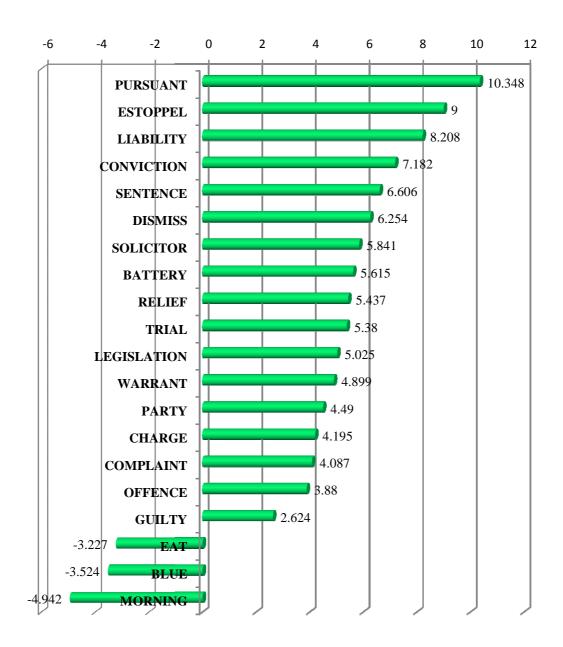


Figure 16. Sub-technicality coefficient

As illustrated in figure 16, *pursuant*, *estoppel* and *liability*, the most specialised words in the group which do not generate any collocates in the general corpus, display the highest coefficients<sup>28</sup> (10.348, 9, and 8.208 respectively) standing at the higher end of the continuum of specialisation, whereas *eat*, *blue* and *morning* (whose technicality

<sup>&</sup>lt;sup>28</sup> The coefficient is labelled as sub-technical in figure 10 due to its main aim, that of measuring a word's sub-technicality level, however, we cannot refer to the concept *sub-technicality* when testing the method on highly specialised terms or general words.

coefficients are -3.227 -3.524 and -4.942 respectively), appear at the opposite end owing to their highly general character. They were employed to test the method showing that, while the rest of words are distributed between these two extremes, they would gather at opposite ends of the continuum as a result of their lack of collocates in either the specialised or the general networks once the algorithm *Sub-Tech* was fully implemented.

Nevertheless, for the method to work properly, the statistical data of the words selected must be significant. If it was not, in spite of its robustness, mutual information, as well as other statistical measures, would produce misleading results. Therefore, if step 4 of the algorithm was applied to a word like *lessor*, which occurs only 50 times in *BLaRC* and none in *LACELL* not generating any significant collocates above the >30 frequency threshold established, it would not be located within the highly technical term range (where it belongs) but rather within the general one. Even so, this method has not been designed to measure that type of words but rather those which tend to one end of the continuum or the opposite one due to the number and frequency of the constituents of its lexical network in both corpora.

As regards the rest of the words, the sub-technical set, they are distributed along the continuum depending on the comparison established between the number of elements in their specialised and general networks. There seems to be no correlation between the semantic classification of these words offered in section 4.2. and their position along this continuum. As a matter of fact, those words belonging to semantic category 1, which do not change their meaning either in the specialised or general fields, display completely different coefficients ranging from 5.841 for *solicitor* (considerably close to the most specialised terms) to 2.624 for *guilty* (the lowest ranking sub-technical word from the set).

On the other hand, those words which acquire a specialised sense in the legal context related to its general meaning (semantic category 2) do not distribute evenly along the continuum since *offence*, *complaint*, and *charge* differ 4/5 points from the most technical word group and about 7 from *eat*, the highest ranking general word. However, they stand at the very bottom of the list together with *guilty*, from semantic group 1. On the contrary, *trial*, *relief*, and *battery*, other members of this group, appear in a middle position (their coefficients are 5.38, 5.437, and 5.615 respectively), while *dismiss* or *sentence* are much closer to the technical set at less than 1 point of distance from *liability* (8.208), a technical term.

Likewise, those words belonging to semantic category 3, whose specialised sense is far from its general one, are also distributed along the continuum irregularly although they appear to be more distant from the general set than group 2. Actually, party and warrant (with 4.49 and 4.899 coefficient respectively) stand 7 points above eat, that is, 2.3 points more than the lowest ranking words in group 2. As for conviction (7.182), it remains much closer to the highly technical set being the most "technical" of the sub-technical word sample examined in this section.

## 4.4. CANTOS AND SÁNCHEZ'S (2001) LEXICAL CONSTELLATION MODEL: A SEMANTIC ANALYSIS OF SUB-TECHNICAL WORDS

In spite of having proposed a method to attempt to measure the degree of specialisation of sub-technical vocabulary, much still remains to be said about the manner in which this type of words become specialised terms. As Rea and Sánchez (2010) assert, technical language requires the creation of new words to name new concepts related to a given subject field. The mechanisms to create new words are varied: word coinage, derivation or borrowing. However, polysemy is an economic way to solve the problem

by assigning to an already existing form of language or *denotandum* a new sense or *denotatum* thus requiring a smaller effort on the part of the speaker. This is the means by which sub-technical words acquire new meanings in the sense that they activate them when inserted in a technical context.

Cantos and Sánchez (2001) present a novel approach to lexical analysis which could be applied to the understanding of the path followed by semi-technical words towards specialisation: the *Lexical Constellation* (LC) model. It consists in studying "the way words socialise with other words, forming complex network-like structures or units" (Cantos & Sánchez, 2001: 200) which are hierarchically organised displaying semantic dependencies according to their rank within the network. Actually, these constellations work similarly to a star system where planets orbit around a central star, the node, which attracts them, being connected, in turn, to other star systems forming constellations, hence their name.

The LC model manages to overcome such limitations as the establishment of the optimum span to filter the number of collocates to be considered for analysis by setting the sentence as the limit for such span. Not only does this model provide information about the most significant collocates of a given word but also about the hierarchical relationship between a word and the constituents of its constellation. Furthermore, it manages to represent those relationships in a visual and multi-dimensional way facilitating to a great extent the understanding of the dependencies existing amongst the constituents of each LC.

As commonly agreed by researchers, the different senses of a word are neither fully transparent nor clear-cut (Cruse, 2000; Almela, 2006, Kilgariff, 2006; Rea and Sánchez, 2010) therefore, they could be interconnected forming a network where the nucleus is added new features which stem from it leading to the acquisition of new

meanings. Consequently, the purpose of this section is to try and demonstrate how the general and specialised fields interact and how specifity is generated through such interaction. The LCs can explain sub-technical terms through the analysis of the semantic hierarchies existing amongst the general and specialised semantic features of these terms and their dependencies in a very clear and visual manner, showing that "semantic bonds and the configuration of conceptual associations ... [are] multi-dimensional" (Sánchez et al., 2010: 142).

In an attempt to suggest the LC model as one which can provide reliable contextual information for automatic word sense disambiguation (WSD), Sánchez et al. (2010) also suggest a parallelism between the way LCs work and the inter-connections of neurons in the human brain. Synapses allow neurons to send electrical or chemical signals to each other which could be translated into information storage, amongst many other functions. In doing so, they stand at the centre of a network communicating with other neurons in other networks, and so forth. Lexical constellations behave similarly in the way that the main node relates to its collocates and these collocates to other collocates, inter-connecting its constituents and being organised in a hierarchy of semantic dependencies. In addition, WSD processes are conditioned by the information provided by the context in a way similar to the description of the concept of *activation* in connectionist theory:

"The identification of a specific disambiguation path depends on the input received from contextual elements, very much in the way connectionist theory refers to 'activation'. The real biological model is based on a network in which all units (neurons and synapses) are candidates for activation at any time. Activations have the potential to trigger an action, or to initiate a process in which many other neurons and modules may be implicated and participating (spreading activation).

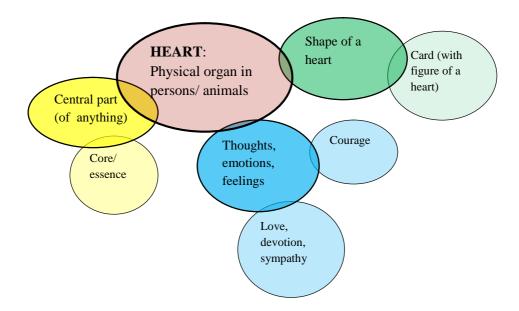
This may be an inspiring model for the disambiguation process of senses through contextual semantic features" (Sánchez et al, 2010: 144).

Rea and Sánchez (2010) illustrate these semantic dependencies with the LC of the word *heart*, as shown in figure 17<sup>29</sup>. In it, shared and new semantic features interrelate forming a network around the word's base meaning: "physical organ in persons/animals". This original meaning, as attested by Sánchez et al. (2010), expands into three main directions acquiring three new semantic senses related to the original one, namely, "being the central part of something"; "having the shape of a heart"; and "storing thoughts, emotions or feelings". The authors consider eight different senses within the LC of *heart* which derive either directly or indirectly from the basic one, which go as follows:

- "1. The hollow, muscular organ in a vertebrate animal that receives blood from the veins and pumps it through the arteries by alternate dilation and contraction.
- 2. The human heart considered as the central part or core of something.
- 3. The human heart considered as the essence of something.
- 4. The human heart considered as the centre or source of emotions, personality attributes, etc.
- 5. Any of the various humane feelings like compassion, love, devotion, enthusiasm, etc.
- 6. Courage or bravery as rooted in the heart.
- 7. Something like a heart in a shape; conventionalised design or representation of a heart shaped like this.
- 8. A red figure of a heart stamped on a playing card, or a playing card marked with a conventionalised figure of a heart" (Rea and Sánchez, 2010: 113).

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<sup>&</sup>lt;sup>29</sup> Taken from Rea and Sánchez (2010: 112).



**Figure 17.** *LC of HEART* 

Figure 17 reveals how the three main senses of the word *heart* stem directly from the original meaning, "physical organ in persons or animals" (meaning 1 in the list), having a lower rank than the original one because of their dependency on it. Likewise, the rest of its semantic features derive from these three therefore standing at a lower level than the ones they originate from. These hierarchical dependencies would continue developing if further senses of the word could be associated to them. As it can be observed from the LC of *heart*, the lower the rank of the semantic senses, the more distant they are amongst themselves, as pointed out by Rea and Sánchez (2010). As a matter of fact,

"if the process of addition of meanings went on, a stage could be reached in which the end-meanings would be so distant from each other that their common source could be hardly visible or recognisable" (Rea & Sánchez, 2010: 113).

This section will therefore be devoted to the application of the LC model to the analysis of the semantic features of a sample of sub-technical nouns in the legal field, namely, *trial*, *charge* and *battery*, following the procedure presented in Rea and Sánchez's (2010) study of the words *chip*, *bus* and *hub* in telecommunications English.

#### 4.4.1. *Trial*

As illustrated in the *Oxford English Dictionary* (2002), the word *trial* was first recorded in the mid 15<sup>th</sup> century originally meaning "the act or process of testing". Its legal sense is documented for the first time in 1570, one century later. *Trial* is a noticeably common word in English being present within the most frequent 2,000 word families of *BNC* and the first 1,000 of West's (1953) *GSL* and Coxhead's (2000) *AWL*. Therefore, its usage is widespread in the general field. However, if a comparison is established between its normalised frequency value in *LACELL*, 54.31, and the same parameter in the specialised corpus (*BLaRC*), 489.03, it seems quite clear that, in spite of its extensive use in general English, its presence in the legal context is much more significant.

Nevertheless, after observing the collocates it generates in *LACELL* applying MI as the measure to obtain them, words like *court*, *judge* or *murder* appear amongst its most frequent collocates, attesting that its legal meaning is also considerably frequent in general English. The following concordances obtained from *LACELL* illustrate this fact:

- ... The jury in the James <u>murder trial</u> at Preston Crown Court has been read a statement by a train driver who described how two days after James's disappearance, he saw human remains on the railway line at Walton ...
- ... The federal government contends that the <u>trial judge</u> erred on 38 points of his ruling ...

Using the taxonomy provided in section 4.2, *trial* could be identified with category 2), that is, "words often employed both in the general and specialised fields which change their meaning in the legal context sharing some semantic features with their original meaning", as it will be shown below, its legal meaning stems directly from its original one denoting a type of proof or test before a judge.

The value assigned to *trial* after implementing the ranking method presented in section 4.3.2. is 5.38, only 0.72 points below the average value for the set of words studied in that section, which corroborates the fact that *trial* stands at an intermediate position between highly technical terms like *pursuant* or *estoppel* and general words such as *morning* or *blue* owing to the number and frequency of the collocates it generates in the general and specialised corpora.

The *OED* offers the specialised meaning of *trial* as its first sense (the *Merriam Webster Dictionary* offers it as the second option), let us then examine its main definitions to try and obtain the LC of the sub-technical term *trial*:

- 1) Examination of evidence and applicable law by a competent tribunal to determine the issue of specified charges or claims.
- 2) The act or process of testing, trying, or putting to the proof: a trial of one's faith.
- 3) An instance of such testing, especially as part of a series of tests or experiments: a clinical trial of a drug.
- 3) An effort or attempt: succeeded on the third trial.
- 4) A state of pain or anguish that tests patience, endurance, or belief: "the fiery trial through which we pass" (Abraham Lincoln).
- 5) A trying, troublesome, or annoying person or thing: *The child was a trial to his parents*.
- 6) A preliminary competition or test to determine qualifications, as in a sport.

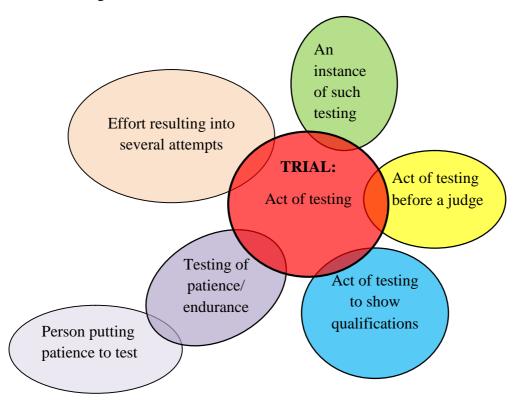


Figure 18 illustrates the lexical constellation of *trial*:

Figure 18. LC of TRIAL

The general or basic definition of *trial* could be considered the original one offered by the *OED* (2002), namely, "the act or process of testing, trying, or putting something to the proof", although it is not the first meaning provided. Its greater frequency as a legal term both in the general and specialised fields might account for that fact. As exemplified by figure 18, the legal sense of this word is added to the general idea of testing or proving something since, broadly speaking, a *trial* is a process whereby the validity of the evidence given at court must be proven and, using the legal background applicable, a decision must be made by the tribunal in charge of hearing the case. The concordance below demonstrates this usage:

The court has active case management duties. This includes "deciding promptly which issues need full investigation and <u>trial</u> and accordingly, disposing summarily of others" (*BLaRC*).

Apart from its legal meaning, other four different semantic senses stem from this basic sense of *trial*, as illustrated by its LC in figure 18. A *trial* can be regarded as a "preliminary test to determine the qualifications" of a group of candidates, that is, they are tried to evaluate their potential to suit the purpose of the task they have been assigned or the post they may have applied for appropriately. Therefore, this sense may be regarded as a type of testing and could thus be closer to the legal meaning of *trial*. Instead of testing or proving evidence, the candidates qualifying for a competition, a contest, etc. have to prove their worth in front of a jury or a judge (figuratively speaking) who will make a decision as regards their suitability, for instance, for a given job.

Also within the general field, a *trial* is defined as "a part of a series of experiments or scientific tests", keeping the original sense of the word which highlights the very process of testing or trying something. As a consequence, the word *trial* could be interpreted in this case as "an instance of the act of testing". This semantic sense is often used within the area of clinical testing. When a new drug or substance is discovered, it is tried on a group of patients or volunteers in order to observe its benefits, effectiveness or side effects.

The concordances below found in *LACELL*, the general corpus, illustrate these two different semantic senses:

- All morning the world's top cyclists will have been reconnoitring the course, selecting their gear ratios and the most suitable of their many bikes, looking at the route for the best way through corners, testing the strength and direction of the wind looking for anything that will give them that little extra in this first trial of strength ...
- Whether preventing the formation of uric acid would be beneficial, or whether the accumulation of unconverted xanthine would do more harm than good was open to question, and only to be settled by cautious <u>clinical trial</u>.

The third semantic feature connected with the base meaning of *trial* is associated with the concept of *effort*, adding a rather figurative nuance to the idea of trying or testing. In this case, a *trial* is understood as a succession or a series of attempts to perform a task that poses certain difficulties for its accomplishment, for example: "she succeeded after the third trial", as illustrated by the *OED* (2002). Being less literal than the previous senses of this word, this idea of *trial* could somehow be interpreted as the testing of someone's perseverance to achieve a goal and could thus be related to its fourth meaning, as shown below.

As far as its four definition is concerned, the original idea of testing something for proof can also be associated with "a state of pain or anguish that tests patience ... or belief", as shown in the quotation by Abraham Lincoln provided by the *OED*: "the fiery trial trough which we pass". This kind of test is similar to the previous one as both could be understood as a test of someone's perseverance o endurance. In this case, this test will demonstrate somebody's willpower to overcome difficulties to prove, for instance, their religious faith, whereas in the previous case, *trial* rather denotes a succession of attempts to accomplish a given objective showing someone's insistence on succeeding.

Connected to this last interpretation of the word *trial*, though not deriving directly from its base meaning and thus displaying a lower rank within the LC structure, there is the idea of a person or thing which can put somebody's endurance to test being capable of making them lose their temper as in the example "the child was a trial to its parents".

Summing up, as demonstrated by the LC in figure 18, all the semantic senses of the word *trial*, except for one, derive directly from its basic meaning, that is, they stand at a higher level within the LC semantic network, showing a semantic proximity amongst them, as already attested. However, its fifth sense, "a trying, troublesome, or annoying person or thing", displays a lower rank in the LC structure due to its more indirect dependency on the base meaning. Owing to that fact, its connection with the other different meanings of the word is harder to establish showing almost no resemblance, for instance, with its first and third definitions respectively: the "act of testing before a judge" or an "effort resulting into several attempts", which originate directly from the base meaning of this sub-technical term. This is so due to its position within the semantic hierarchy depicted by the constellation of the term which reveals the connection of this feature with the nucleus through an intermediate sense standing at a second level, that of "testing of patience or endurance".

#### 4.4.2. *Charge*

The origins of *charge* date back to the 13<sup>th</sup> century deriving from the Old French word *charger*, "a load, a weight". According to the *OED*, there is no documented use of this word with a legal sense until the middle of the 15<sup>th</sup> century when it was also employed to refer to a formal accusation for having committed a crime. It will not be until the beginning of the 16<sup>th</sup> century that *charge* starts being employed to refer to a "pecuniary

burden" or "cost". Later in the 18<sup>th</sup> century, with the discovery of electricity, it will be added a new sense to denote the electrical load necessary for a device to work.

Concerning its usage in the general field, it can be found amongst the most frequent 1,000 word families of *BNC*, West's (1953) *GSL* and Coxhead's (2000) *AWL*. It is more frequent than *trial* in *LACELL*, the general corpus, displaying a normalised frequency value of 137.19 as opposed to 164.40 in *BLaRC*. Judging by the figures, it seems that the use of *charge* in the general corpus is much more extended than *trial* (with a general sense) while it occurs three times less than the latter in the legal corpus.

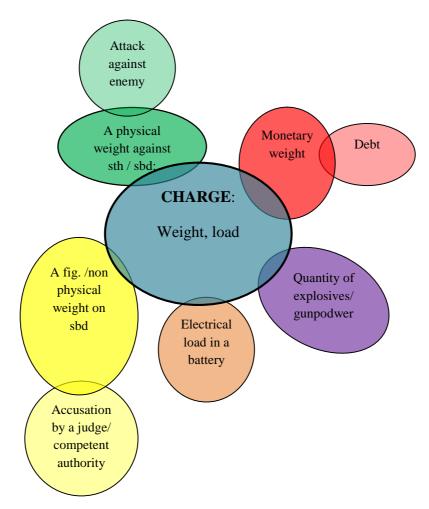
Nevertheless, frequency is not indicative of the type of meaning sub-technical words may acquire depending on their context, since the specialised sense of a word like *trial* is more frequent than other general senses of this word not only in the legal corpus but also in the general one, hence the importance of examining the collocates of the words under examination. Whereas 58.33% of the main collocates of *charge* found in the legal corpus are either specialised terms or sub-technical words (*criminal*, *case*, *equitable*, *legal*), all the collocates generated by it in *LACELL* belong to the general field. This information might be a clear hint at its specialisation occurring mostly in the legal context.

The word *charge* also belongs to sub-technical word category 2) owing to the fact that its legal meaning can be related to its basic one relatively easily. Its sub-technicality coefficient is slightly lower than *trial*, 4.195. Therefore, it can also be allocated in a middle position along the sub-technicality continuum described in section 4.3. It only differs 0.5 points from the average value for the whole list of words examined in this section. In spite of the considerable difference between *trial* and *charge* as regards their immediate collocates, expanding the context of study by

implementing William's (2001) lexical network model shows that, from a quantitative perspective, *trial* and *charge* are quite similar.

Charge is a very rich word from a semantic point of view. The fact that it can be used as a verb and a noun increases the amount of semantic features attributed to it. This is why, in order not to make the analysis too complex, it will only be considered as a noun herein. Its main semantic features can be grouped into eight main senses considering "a load, a weight" as the original one or base meaning. Only five of these senses can be directly connected with the base meaning of the word, while the other three originate at a lower semantic level in the LC structure, as shown in figure 19. The different semantic senses of *charge* found in the *OED* can be grouped as follows:

- 1) A weight; a burden; a load: a freighter relieved from its charge of cargo.
- 2) Expense; cost; price asked for something.
- 3) A quantity of explosive/gunpowder to be set off at one time.
- 4) An assigned duty or task; a responsibility: *The commission's charge was to determine the facts.*
- 5) A claim of wrongdoing; an accusation: a charge of murder.
- 6) A debt or an entry in an account recording a debt: Are you paying in cash or is this a charge?
- 7) The amount of electric energy loaded in a battery: *the electricity charge didn't suffice for the phone to work properly.*
- 8) A rushing forceful attack: the charge of a herd of elephants.



**Figure 19.** *LC of CHARGE* 

As illustrated by figure 19, the basic meaning of *charge* expands into five main directions which result into a higher semantic level within the LC network. The original "weight" or "load" denoted by it can be interpreted as a "monetary weight"; "an electrical load in a battery"; "a quantity of explosives"; "a physical weight against someone" and "a non-physical weight on someone". Except for the first and last senses of *charge* shown above, the other three could be understood as rather literal interpretations of its base meaning owing to the fact that they can somehow be physically felt or measured. In fact, an amount of explosives ready to detonate is

something that can be touched or weighed, if necessary, as well as the electrical load in a battery which generates energy that turns into light, motion, etc.

Regarding the fourth meaning in the list above, the physical charge entailed by this word in an example like "the troops completed the charge against the enemy lines" could be read as one which is physically launched or activated against others, that is, an "attack against the enemy", which is the semantic feature that stems from that "physical weight against somebody". This "attack" would therefore stand at a secondary level in the LC of *charge*.

Nevertheless, a "monetary weight" and a "non-physical weight on somebody" cannot be understood *verbatim* but rather as figurative weights that someone has to bear. The cost assigned to goods might be interpreted as a "load" attached to those goods which the buyer must "carry" to purchase them. Directly deriving from this semantic sense, there is the concept of "debt" whose level of abstraction is higher due to its indirect relationship with the original meaning of the word *charge*, thus holding a lower semantic rank in the LC, as shown in figure 19. A debt might be regarded as a weight on someone's conscience which must be born until it is settled.

On the other hand, the legal sense of *charge* is closely linked to the "non-physical weight on somebody". A legal *charge* could be interpreted as the burden which is placed on somebody's shoulders when he/she is formally accused of a crime by a legal authority. As well as the "attack against the enemy", this meaning of *charge* has a lower semantic rank than the one it originates from implying a further level of abstraction in the LC semantic network and an indirect dependency on its nucleus.

In the same way as *trial*, the lexical constellation of the word *charge* presents a similar structure with respect to the hierarchical levels it has been organised into. However, the LC of *charge* is a more complex one since the secondary level appears to

be more populated. While there is a connection between its primary meanings, either figurative or literal, and the original one, the secondary features which the term acquires bear almost no relationship with the nuclear meaning of the LC. As a matter of fact, an "attack against the enemy" and "an accusation before a judge" do not apparently seem to have anything in common, although, thanks to the possibilities offered by the LC model, this connection can be traced back by following an inverse path from the secondary meanings towards the LC nucleus.

The different semantic senses of the sub-technical term *charge* are illustrated by the examples below obtained from *BLaRC* and *LACELL*:

- 1) ... relative to his having taken the sole <u>charge</u> of the Spanish detained Vessels sent into Malta ... (*LACELL*)
- 2) and 6) Again all absolutely free of <u>charge</u>. We don't charge you a penny. No license fee. (*LACELL*)
- 3) Bomb attack on Canary Wharf, Isle of Dogs, foiled after van laden with ton of explosives spotted by two security guards. Detonator exploded but failed to set off main <u>charge</u>. (*LACELL*)
- 4) I cried a lot coming out of my teens, says Charlotte, now 22, because I realised that I no longer had an excuse to play out the role of mother's beloved <u>charge</u>. (*LACELL*)
- 5) Accordingly, an acquittal on a criminal <u>charge</u> of assault based on an assertion by the defendant of the need for self-defence does not mean that the defendant ... (*BLaRC*)
- 7) Alter the main battery leads to use the front battery to start and run the vehicle and wire the battery under the seat to a split <u>charge</u> relay to take your auxiliary power for a caravan. (*LACELL*)
- 8) If a charging unit is suddenly confronted by emerging Fanatics, leaving Fanatics in front of the chargers and between them and their target unit, then the chargers can either remain halted or complete their <u>charge</u>. (*LACELL*).

#### **4.4.3.** *Battery*

Unlike *trial* or *charge*, the original meaning of this word appears to be the closest one to its legal sense and the one which all other meanings stem from. The *OED* (2002) documents its first use in the 1530s when it was employed to denote "the act of repeatedly beating something or somebody", entering English through Old French (12<sup>th</sup> c.) *baterie* from the Latin *battuere*, "to beat". The word soon turned into "a unit of artillery" (1550s) not being used to refer to the source of electric energy until the 18<sup>th</sup> century, for obvious reasons.

Battery is not as frequent as charge or trial although it could also be considered a highly general word. It appears amongst the first 2,000 word families of BNC yet it cannot be found amongst the most frequent 3,000 word families of West's (1953) GSL or Coxhead's (2000) AWL, as opposed to the other two words examined in this section.

The normalised frequency value of *battery* in the general corpus, 13.35, confirms this fact. Even so, its frequency in the specialised corpus is almost twice as high as it is in the general one, that is, 22.59. Nevertheless, it occurs much less often than *trial* or *charge*, as shown above. This is basically due to the fact that the last two terms are more general within the field of legal English denoting two concepts which are present in most judicial decisions where trial sessions are recorded and charges are always presented and argued.

Judging by its immediate collocates in the general corpus, the legal meaning of battery appears to be the most frequent one in the general field, similarly to trial. Applying mutual information to identify its collocates in LACELL above the >30 frequency threshold established, it only generates two, assault (in the first position) and operated, pointing at the fact that its specialised sense might be considerably widespread in general English. As for BLaRC, its main collocates are claim, assault and

damages, only attracting 2 general words (*laptop* and *based*) amongst a list of 11 collocates, which stand at the bottom of the list. The following concordances obtained from *LACELL*, serve as examples of the specialised use of *battery* in a general corpus:

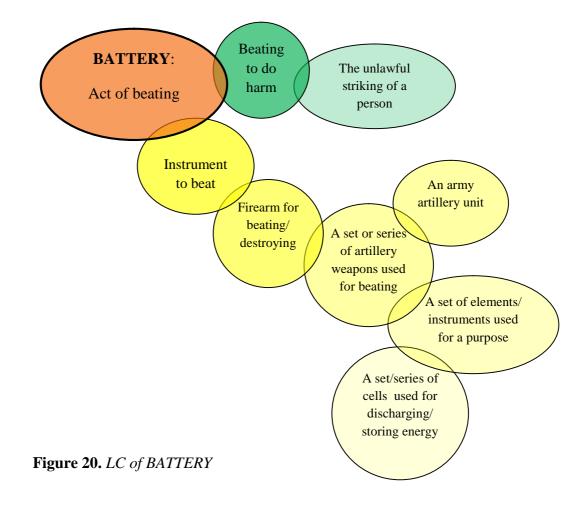
- They may use gross insults to intimidate, and endearments to redefine what they have done as consensual sex or love instead of rape, assault and <u>battery</u>.
- In simple terms, <u>battery</u> is the application of unlawful force to another person, whereas assault consists of causing another person to apprehend or expect the application of unlawful force.

In spite of its lower frequency in both corpora, owing to the number and frequency of its collocates and co-collocates in the lexical networks calculated for this term, the sub-technicality coefficient of *battery* is slightly higher than *trial* and *charge*, that is, 5.615. It is 1.1 points above the average of this value for the whole list of terms examined, which situates it closer to the most specialised set of terms studied in section 4.3. The fact that the different meanings of the word stem from the technical one, as illustrated by figure 20, might bear a certain relationship with this data.

The main semantic features offered by the *OED* (2002) are as follows:

- 1) The act of beating or pounding repeatedly.
- 2) The unlawful and unwanted touching or striking of one person by another with the intention of bringing about a harmful or offensive contact: *battery and assault*.
- 3) A set of guns or other heavy artillery, as on a warship.
- **4**) An army artillery unit, corresponding to a company in the infantry.
- 5) An array of similar things intended for use together: *took a battery of achievement tests*.
- **6**) An impressive body or group: a battery of political supporters.
- 7) Two or more connected cells that produce a direct current by converting chemical energy to electrical energy.

Electric device which manages to store and provide electric energy make other electric devices run autonomously.



Concerning the hierarchy of semantic dependencies portrayed by the LC of battery, as indicated by figure 20, it is far more complex than the previous two because of the greater number of levels this LC displays. While the basic meaning of battery, "act of beating", is closely linked to its legal usage, trying to associate it with "a set/series of cells used for discharging/storing energy", which ranks fifth as regards its semantic dependency on the rest of constituents of the LC, would not be feasible unless an analysis of this kind was performed. Let us examine in greater detail how this complex structure works.

In contrast to *trial* or *charge*, the base meaning of *battery* only spreads out into two primary senses, the first one, with clearly negative connotations ("beating to do harm"), generates its legal sense, that of unlawfully striking somebody, at a lower

semantic level. The connection between this secondary level and the nucleus of the LC appears to be clear only adding a negative connotation to it through its first level and the sense of *unlawfulness* through the second one.

Regarding the second branch which the base meaning of *battery* splits into, "instrument to beat", it acquires new semantic features as the LC expands, thus generating a greater number of dependencies within its structure. At a third level, *battery* could be understood as a "firearm for beating or destroying" which, in turn, acquires a new feature: "a set or a series of artillery weapons used for beating". This last meaning also evolves into a new one which stems directly from it since the word *battery* is also employed to refer to "an army artillery unit", that is, the group of soldiers who can use artillery weapons to attack. This sense grows parallel to the last two which depart from the military use of the term being employed with a general reference. The concordance below illustrates this parallel semantic sense:

- The whole camp is covered with monuments showing where each <u>battery</u> and other divisions fought ... (*LACELL*).

Finally, the idea of "set or group of elements" connects the fifth and sixth levels of the LC, which have a clearly general character, unlike the upper levels analysed above. The example "a battery of questions", which could be interpreted as a numerous amount of questions formulated with the aim of eliciting information about something, illustrates the fifth semantic level of the structure, that is, "a set of elements/instruments used for a purpose". Stemming from this last sense, *battery* could also be defined as "a set of cells used for discharging or storing energy" once more insisting on the idea of "repeated series of similar elements".

Owing to the greater complexity of this network, which entails the existence of a larger amount of semantic features progressively added to the nucleus of the LC, the hierarchy of meanings is more complex and therefore those senses standing at a lower level present almost no connection (not even figuratively) with the basic or original meaning at the centre of the constellation or with other senses deriving from other primary branches. Probably, as stated by Rea and Sánchez (2010), if the LCs of other words related to *battery* were examined using this model, some of their lower ranking senses might overlap with those standing at the bottom of the semantic hierarchy depicted by the LC of this word, resembling the way star systems connect to each other to form constellations or the structure of neural networks, as already explained above.

To sum up, the visualisation of the LCs allows us to understand more clearly how sub-technical terms, by partially combining their original semantic features with new ones (like the braches of a tree which stem from its trunk), are generated through the acquisition of new specialised meanings to denote new concepts related to already existing ones, hence their shared character. Consequently, the application of this model to such a relevant characteristic of the legal lexicon as its shared nature, facilitates greatly its understanding by offering a multi-dimensional picture of this complex process that could not probably be accounted for otherwise.

#### 4.5. CONCLUSION

This chapter has presented an analysis of sub-technical vocabulary from both a quantitative and a semantic perspective. Quantifying such a phenomenon as this is a complex task due to the fact that this type of words are shared both by the general and

specialised fields and therefore the statistical data associated to them might be misleading when attempting to determine their level of specialisation.

This is the reason why the algorithm *Sub-Tech* was proposed in order to establish a word's sub-technicality level by resorting to its context both in *BLaRC*, the legal corpus, and *LACELL*, the general one. After extracting the specialised terms in the legal corpus applying the most efficient ATR methods tested, *Terminus 2.0* (Nazar and Cabré, 2012) and *TermoStat* (Drouin, 2003), a sample of those terms were selected for varied reasons. They could either be shared by both areas of English without changing their meaning (denoting a legal concept in both cases) or they could become technical and acquire a new specialised meaning when in contact with a legal context.

Once the word selection was made, William's (2001) lexical network model was applied which provided data on the number and frequency of collocates and co-collocates in each word's general and specialised networks. Such data were processed applying a formula whereby the average frequency of the elements in the specialised networks was calculated and compared with the same parameter in the general ones. The result of such comparison led to the ranking of sub-technical words along a continuum of specialisation.

There seems to be no correlation between the results obtained and the semantic categories described in section 4.2. Nevertheless, it appears that those words whose specialised meaning differs greatly from its general one tend to be less distant from the specialised set of words used to test the method than those whose meaning is closer to its general sense. However, a wider sample of words would be necessary in order to reach more definite conclusions in this respect.

One of the advantages of this ranking method is that it is not domain-dependent.

On the contrary, it can be applied to any specialised field as long as the comparison with

a general corpus is feasible. Its limitations are basically related to the methods employed to obtain the data. On the one hand, the statistical data associated to each word must be significant enough for such measures as mutual information to work properly, therefore, low frequency words could not be studied applying this technique. On the other hand, William's method produces such a vast amount of data that the networks usually become unmanageable thus requiring the researcher to establish a frequency threshold and to limit the network levels analysed for practical reasons.

All the same, *Sub-Tech* could be regarded as a first attempt towards an objective characterisation of such ambiguous lexical elements as these, something which, to the best of our knowledge, has not been accomplished to date.

The final part of this chapter has been devoted to a semantic description of some of the sub-technical words examined in section 4.4. Implementing Cantos and Sánchez's (2001) lexical constellation model has definitely contributed to a better understanding of the process undergone by sub-technical vocabulary towards specialisation. The LCs of *battery, trial* and *charge* visually illustrate how new semantic senses are added to their base or original meaning presenting a multi-dimensional picture of the dependencies existing amongst the distinguishing semantic features of these shared terms as they evolve towards the acquisition of purely technical meanings.

# CHAPTER 5 CONCLUSION, LIMITATIONS OF THIS THESIS AND FURTHER RESEARCH

### **CHAPTER 5**

Overall, the major objectives accomplished by this thesis have been, firstly, to identify the specialised vocabulary in *BLaRC*, an *ad hoc* legal corpus of judicial decisions of 8.85 million words, which is described and justified in detail in chapter 2. In order to do so, ten different ATR methods have been applied to a 2.6 million word corpus, *UKSCC*, extracted from the main one to facilitate their implementation and validation process.

Chapter 3 has therefore been devoted to the evaluation of such ATR methods as regards the precision levels achieved in term identification by each of them. Average precision was calculated through the automatic comparison of the lists of CTs produced by each method with a gold standard, that is, an electronic legal glossary of 10,088 entries. Cumulative precision was also measured following the same procedure so as to observe and compare the way it evolved as the number of identified terms augmented. As a result, *Terminus 2.0* (Nazar & Cabré, 2012) and *TermoStat* (2003), the best performing techniques, were selected with the aim of implementing them on *BLaRC*. After doing so, the validated lists of both single and multi-word legal terms extracted from it have been offered in section 3.2.4. Chapter 3 ends with the proposal of some activities aimed at illustrating the varied applications and uses of specialised corpora and vocabulary lists.

Owing to the relevance of sub-technical vocabulary as a major component of the legal lexicon, a quantitative method has been proposed in chapter 4 to measure its degree of specialisation based on the context of usage of this type of words. William's (2001) lexical network model was applied to a set of general, highly specialised and sub-technical words in order to observe and compare the number and frequency of their

collocates and co-collocates both in *BLaRC*, the specialised corpus, and *LACELL*, the general one. The observation of the data obtained led to the formulation of the algorithm *Sub-Tech* allowing to place the words analysed along a continuum of specialisation depending on the data obtained after the implementation of Williams' model.

Finally, with the purpose of describing sub-technical vocabulary from a semantic perspective, Cantos and Sánchez's (2001) lexical constellation model has been applied to analyse the semantic features of the shared terms *trial*, *charge* and *battery* resulting into a much clearer picture of the process undergone by this type of words from general usage to specialisation. The application of this model in combination with the quantitative method described above may be regarded as a first step towards a better understanding of a lexical phenomenon which has not been explored in depth to date.

In spite of the above, there are certain limitations in this work that could not be avoided and which should be taken into account for further research. To begin with, including other legal genres in *BLaRC* might be desirable so as to allow the conclusions based on it to be more representative of the whole legal variety and not only restricted to a single genre, although law reports, due to their role within common law legal systems, could be deemed fundamental for this sub-language.

In addition, it would be interesting to establish a correlation between the data provided through the implementation of the algorithm *Sub-Tech* and the semantic features of sub-technical terms included in the taxonomy offered in section 4.2. In order to do that, it may be necessary to increase the number of words analysed so that the data obtained could be more representative of this type of vocabulary.

It might also be argued that, by removing the threshold applied to obtain the lexical networks used in chapter 4, they could include all the elements attracted by the node and its collocates, co-collocates and so forth, and thus provide a fuller picture of their context of usage and more accurate data to base our conclusions on. Nevertheless, they would become unmanageable requiring the automatisation of the method to obtain and process such a vast amount of data, which has not taken place as yet.

Lastly, regarding the lexical constellation model, it might be an interesting initiative to try and analyse other terms or sub-technical terms that may be associated in any way to the ones examined in section 4.4. (i.e. their most relevant collocates) to attempt to demonstrate how their constellations might overlap with each other thus corroborating the way these networks interweave on a higher semantic level.

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#### **ONLINE RESOURCES**

Administrative Justice and Tribunal Council (AJTC)

URL: <a href="http://www.ajtc.gov.uk">http://www.ajtc.gov.uk</a>

British and Irish Legal Information Institute

URL: <a href="http://www.bailii.org">http://www.bailii.org</a>

Bononia Legal Corpus

URL: <a href="http://corpora.dslo.unibo.it/bolc\_eng.html">http://corpora.dslo.unibo.it/bolc\_eng.html</a>

BNC lemmatised lists (Adam Kilgariff)

URL: http://www.kilgarriff.co.uk/BNClists/lemma.num

Cambridge International Corpora

URL:

http://www.cambridge.org/es/elt/catalogue/subject/custom/item3637700/Cambridge-

International-Corpus-Cambridge-International-Corpus/?site\_locale=es\_ES

Cobuild corpora

URL: http://www.collins.co.uk/Corpus/CorpusSearch.aspx

Constitutional Reform Act 2005

URL: <a href="http://www.statutelaw.gov.uk/content.aspx?activeTextDocId=1974190">http://www.statutelaw.gov.uk/content.aspx?activeTextDocId=1974190</a>

Cor-Tec corpus

URL: http://www.fflch.usp.br/dlm/comet/projeto.html

Court sentence finder

URL: <a href="http://www.thelawpages.com/">http://www.thelawpages.com/</a>

Her Majesty's Court Service

URL: http://www.hmcourts-service.gov.uk

UK Court and Tribunal structure

URL: <a href="http://www.hmcourts-service.gov.uk/aboutus/structure/index.htm">http://www.hmcourts-service.gov.uk/aboutus/structure/index.htm</a>

HOLJ corpus

URL: <a href="http://www.ltg.ed.ac.uk/SUM/CORPUS">http://www.ltg.ed.ac.uk/SUM/CORPUS</a>

International Language and Law Association

URL: <a href="http://www.illa.org/">http://www.illa.org/</a>

JATE tools (Zang et al.)

URL: http://code.google.com/p/jatetoolkit

JRC-Acquis corpus

URL: <a href="http://langtech.jrc.ec.europa.eu/JRC-Acquis.html">http://langtech.jrc.ec.europa.eu/JRC-Acquis.html</a>

Judicial Committee of the Privy Council

URL: <a href="http://www.jcpc.gov.uk/">http://www.jcpc.gov.uk/</a>

*Judiciary of England and Wales. Glossary* 

URL: <a href="http://www.judiciary.gov.uk/glossary">http://www.judiciary.gov.uk/glossary</a>

Jurispedia

URL: http://en.jurispedia.org

Justis, online legal library

URL: <a href="http://www.justis.com">http://www.justis.com</a>

UK Legislation archives

URL: <a href="http://www.legislation.gov.uk/">http://www.legislation.gov.uk/</a>

Lexis Nexis

URL: <a href="http://www.lexisnexis.co.uk">http://www.lexisnexis.co.uk</a>

Lextutor (Tom Cobb)

URL: <a href="http://www.natcorp.ox.ac.uk">http://www.natcorp.ox.ac.uk</a>
List of United Kingdom Tribunals

URL: http://en.wikipedia.org/wiki/List\_of\_United\_Kingdom\_tribunals

Mark Davies Corpus.byu

http://corpus.byu.edu

Nolo's Dictionary of Law Terms and Legal Definitions

URL: <a href="http://www.nolo.com/dictionary">http://www.nolo.com/dictionary</a>

Northern Ireland Courts and Tribunal Service

URL: <a href="http://www.courtsni.gov.uk">http://www.courtsni.gov.uk</a>

Office for National Statistics, UK

URL: <a href="http://www.ons.gov.uk/census">http://www.ons.gov.uk/census</a>

Plain English Campaign UK

URL: http://www.plainenglish.co.uk

Scottish Government website

URL: <a href="http://www.scotland.gov.uk">http://www.scotland.gov.uk</a>

Sixth Form Law. Glossary

URL: http://sixthformlaw.info/03\_dictionary/index.htm

Sketch Engine (Kilgariff et al., 2004)

URL: <a href="http://www.sketchengine.co.uk">http://www.sketchengine.co.uk</a>

Supreme Court of the United Kingdom

URL: <a href="http://www.supremecourt.gov.uk">http://www.supremecourt.gov.uk</a>

The Scottish Courts Website

URL: <a href="http://www.scotcourts.gov.uk">http://www.scotcourts.gov.uk</a>

The Incorporated Council of Law Reporting of England and Wales

URL: <a href="http://www.lawreports.co.uk/">http://www.lawreports.co.uk/</a>

Law in the United Kingdom

URL: http://en.wikipedia.org/wiki/Law\_of\_the\_United\_Kingdom

The English-Chinese glossary of legal terms

URL: <a href="http://www.legislation.gov.hk/eng/glossary/homeglos.htm">http://www.legislation.gov.hk/eng/glossary/homeglos.htm</a>

Termextractor (Sclano and Velardi)

URL: <a href="http://lcl.uniroma1.it/termextractor">http://lcl.uniroma1.it/termextractor</a>

Terminus 2.0 (Nazar and Cabré)

URL: <a href="http://terminus.upf.edu">http://terminus.upf.edu</a>

*TermoStat* (P. Drouin)

URL: http://www.ims.uni-stuttgart.de/projekte/corplex/TreeTagger

Tree Tagger (H. Schimd)

URL: http://www.ims.uni-stuttgart.de/projekte/corplex/TreeTagger

Tribunals, Courts and Enforcement Act 2007

URL: <a href="http://www.legislation.gov.uk/ukpga/2007/15/contents">http://www.legislation.gov.uk/ukpga/2007/15/contents</a>

*Tribunals Service of the United Kingdom* 

URL: <a href="http://www.tribunals.gov.uk">http://www.tribunals.gov.uk</a>

### **APPENDICES**

### **BLOCK 1. VALIDATED 200 TOP LEGAL TERMS**

TermoStat (Drouin, 2003): SWTs

| TERMS             | TECHNICALITY |
|-------------------|--------------|
| SECTION           | 126.29       |
| V. (VERSUS)       | 112.55       |
| CASE              | 111.79       |
| PARA. (paragraph) | 108.63       |
| ARTICLE           | 97.39        |
| COURT             | 88.65        |
| APPEAL            | 80.3         |
| APPELLANT         | 78.47        |
| LAW               | 73.55        |
| JUDGMENT          | 71.67        |
| CLAIM             | 69.8         |
| RIGHT             | 67.98        |
| ORDER             | 64.39        |
| DECISION          | 63.53        |
| PERSON            | 62.83        |
| PROCEEDING        | 61.7         |
| DEFENDANT         | 57.72        |
| PROVISION         | 57.55        |
| PRINCIPLE         | 55.77        |
| JURISDICTION      | 55.5         |
| PARAGRAPH         | 54.69        |
| OPINION           | 54.4         |
| APPLICANT         | 53.01        |
| OBLIGATION        | 50.48        |
| ISSUE             | 50.22        |
| AUTHORITY         | 49.83        |
| REASON            | 49.66        |
| OFFENCE           | 48.8         |
| FACT              | 48.36        |
| STATUTORY         | 47.47        |
| JUDGE             | 47.23        |
| BREACH            | 47.16        |
| CONCLUSION        | 46.37        |
| RESPONDENT        | 46.03        |
| ACT               | 45.82        |
| CONVENTION        | 45.71        |
| RULE              | 45.67        |
| DUTY              | 45.15        |

| TENANT              | 44.75 |
|---------------------|-------|
| POSSESSION          | 44.51 |
| PARAS. (PARAGRAPHS) | 44.36 |
| ENTITLE             | 44.3  |
| AGREEMENT           | 44.08 |
| EVIDENCE            | 43.41 |
| SENTENCE            | 42.39 |
| LIABILITY           | 41.65 |
| ARGUMENT            | 41.29 |
| GROUND              | 41.14 |
| SUBMISSION          | 41.13 |
| REGULATION          | 38.74 |
| CLAIMANT            | 38.32 |
| CRIMINAL            | 38.1  |
| REASONABLE          | 38.05 |
| CONSIDERATION       | 38.02 |
| NOTICE              | 37.82 |
| PARTY               | 36.3  |
| DAMAGE              | 36.02 |
| JUDICIAL            | 36    |
| MATTER              | 35.61 |
| EXTRADITION         | 35.54 |
| LORDSHIP            | 35.41 |
| SUBJECT             | 35.02 |
| UNLAWFUL            | 34.97 |
| TERMS               | 34.26 |
| ASYLUM              | 33.96 |
| STATUTE             | 33.72 |
| PROPERTY            | 33.18 |
| REASONING           | 32.98 |
| EFFECT              | 32.87 |
| LIABLE              | 32.46 |
| CONDUCT             | 32.28 |
| DECIDE              | 32.2  |
| RELY                | 32.12 |
| DISMISS             | 31.75 |
| TRIBUNAL            | 31.51 |
| CONTRACT            | 31.34 |
| ACCORDANCE          | 30.98 |
|                     |       |

| REVIEW         | 30.9  |
|----------------|-------|
| ACCORDINGLY    | 30.18 |
| LEGISLATION    | 30.11 |
| WITNESS        | 29.86 |
| LEASE          |       |
|                | 29.76 |
| PROSECUTION    | 29.74 |
| IMPOSE         | 29.63 |
| CLAUSE         | 29.53 |
| SCOPE          | 29.08 |
| STATEMENT      | 29.01 |
| EXERCISE       | 28.83 |
| DISCRETION     | 28.56 |
| REGARD         | 28.46 |
| PARTICULAR     | 28.32 |
| TENANCY        | 28.32 |
| TRIAL          | 28.18 |
| PROTECTION     | 27.98 |
| COUNSEL        | 27.24 |
| DETENTION      | 27.15 |
| PURSUANT       | 27.01 |
| PERMISSION     | 26.89 |
| CONVICTION     | 26.87 |
| IMPRISONMENT   | 26.82 |
| ACCOUNT        | 26.59 |
| INTEND         | 26.57 |
| FAIR           | 26.37 |
| DOMESTIC       | 26.33 |
| JUSTIFY        | 26.08 |
| CONCLUDE       | 25.96 |
| TORT           | 25.7  |
| PROCEDURAL     | 25.32 |
| LEAVE          | 25.16 |
| PLAINTIFF      | 25.1  |
| COMPLY         | 24.95 |
| EXPRESSLY      | 24.93 |
| LEGAL          | 24.93 |
| CONFISCATION   | 24.76 |
| LAWFUL         | 24.31 |
| PURSUER        | 24.3  |
| INTERPRETATION | 24.26 |
| INTENTION      | 24.22 |
| ASSET          | 24.06 |
| AMEND          | 23.78 |
| CONSTRUE       | 23.78 |
| NEGLIGENCE     | 23.77 |
| COMMIT         | 23.66 |

| SUBMIT          | 23.47 |
|-----------------|-------|
| HARM            | 23.31 |
| SUFFICIENT      | 23.26 |
| PRESUMPTION     | 23.17 |
| PREMISE         | 22.86 |
| DISCLOSURE      | 22.79 |
| PROPOSITION     | 22.79 |
| PRISONER        | 22.76 |
| JURISPRUDENCE   | 22.72 |
| CONSTITUTE      | 22.72 |
|                 |       |
| DECEASED        | 22.69 |
| DETERMINE       | 22.69 |
| CONTRACTUAL     | 22.36 |
| AUDITOR         | 22.16 |
| SUBSTANTIVE     | 22.14 |
| REINSURANCE     | 21.98 |
| DRAFT           | 21.95 |
| ESTOPPEL        | 21.9  |
| ALLEGATION      | 21.76 |
| PUBLIC          | 21.61 |
| CONSPIRACY      | 21.54 |
| HEARING         | 21.44 |
| BENEFIT         | 21.41 |
| SUMMARY         | 21.32 |
| PLAINLY         | 21.29 |
| INDICTMENT      | 21.17 |
| CONNECTION      | 21.09 |
| PERSECUTION     | 21.02 |
| FRAUD           | 20.99 |
| ASSUMPTION      | 20.91 |
| INCOMPATIBLE    | 20.81 |
| ARBITRATION     | 20.79 |
| DISCRIMINATION  | 20.7  |
| CREDITOR        | 20.69 |
| LEGITIMATE      | 20.68 |
| DETERMINATION   | 20.62 |
| EMPLOYER        | 20.55 |
| PROPORTIONALITY | 20.34 |
| ALLEGED         | 20.3  |
| ENACT           | 20.19 |
| VALUATION       | 20.09 |
| ACTION          | 19.95 |
| DISCLOSE        | 19.95 |
| INCONSISTENT    | 19.95 |
| CONSEQUENCE     | 19.85 |
| SOLICITOR       | 19.67 |
|                 |       |

| DEDMIT        | 10.56 |
|---------------|-------|
| PERMIT        | 19.56 |
| APPLICABLE    | 19.47 |
| LIMITATION    | 19.31 |
| AMENDMENT     | 19.17 |
| COMPENSATION  | 19.17 |
| FINDING       | 19.16 |
| WARRANT       | 19.1  |
| ALLEGE        | 19.09 |
| CONSTRUCTION  | 19.07 |
| FACTUAL       | 18.96 |
| PREJUDICE     | 18.94 |
| EXCEPTION     | 18.8  |
| PROPORTIONATE | 18.77 |
| DECLARATION   | 18.76 |
| LEGISLATIVE   | 18.62 |

| 18.42 |
|-------|
| 18.38 |
| 18.37 |
| 18.36 |
| 18.28 |
| 18.27 |
| 18.22 |
| 18.11 |
| 18    |
| 17.98 |
| 17.91 |
| 17.81 |
| 17.72 |
| 17.72 |
| 17.54 |
|       |

# **Chung (2003)**

| TERMS             | TECHNICALITY |
|-------------------|--------------|
| APPELLANTS        | 2012.581191  |
| PARA. (paragraph) | 1444.695819  |
| ESTOPPEL          | 975.3124342  |
| LESSEE            | 639.5491372  |
| LAWFULNESS        | 563.6026772  |
| TORTIOUS          | 559.605495   |
| DISAPPLICATION    | 495.6505813  |
| FORESEEABILITY    | 439.6900318  |
| INTERVENERS       | 439.6900318  |
| SUBSECTION        | 384.7953975  |
| NUPTIAL           | 373.736527   |
| CHARTERER         | 351.7520255  |
| FREEHOLDER        | 327.7689328  |
| LVT               | 319.7745686  |
| RTS               | 317.7759775  |
| RESPONDENT        | 285.2534504  |
| WAYLEAVE          | 255.8196549  |
| OVERPAYMENTS      | 247.8252907  |
| ASSIGNEE          | 239.8309264  |
| CASSATION         | 239.8309264  |
| QUASHING          | 231.8365622  |
| ENFRANCHISEMENT   | 223.842198   |
| DISCRIMINATOR     | 194.5295292  |
| SUBSECTIONS       | 189.8661501  |
| CONTROLEE         | 187.8675591  |
| BAILEE            | 159.8872843  |
| GRANTOR           | 159.8872843  |

| SCR<br>DICTA   | 154.5577082 |
|----------------|-------------|
| DICTA          |             |
|                | 151.8929201 |
| DEMISED        | 151.8929201 |
| FORFEITURE     | 148.6951744 |
| JURISPRUDENCE  | 144.4315135 |
| TORTFEASOR     | 143.8985559 |
| REBUTTABLE     | 135.9041917 |
| CONCURRING     | 135.9041917 |
| APPELLATE      | 135.371234  |
| DISAPPLY       | 127.9098274 |
| ACCRUALS       | 127.9098274 |
| ILLIQUID       | 123.9126453 |
| HIRER          | 119.9154632 |
| LADING         | 119.9154632 |
| EXTRADITION    | 118.5830692 |
| TRESPASSERS    | 118.3165904 |
| CONFISCATION   | 118.0985623 |
| IMPERMISSIBLE  | 116.7177175 |
| LORDSHIPS      | 113.2263013 |
| HDC            | 111.921099  |
| COMPARATORS    | 111.921099  |
| CONTRAVENTIONS | 111.921099  |
| UNREPORTED     | 109.5227897 |
| ADDUCE         | 103.9267348 |
| NULLIFICATION  | 103.9267348 |
| PROROGATION    | 103.9267348 |
| UNAMENDED      | 103.9267348 |
| DEROGATING     | 103.9267348 |

| AC               | 100.2268638                |
|------------------|----------------------------|
| COMITY           | 95.93237058                |
| RESCISSION       | 95.93237058                |
| QC               | 94.08001789                |
| INTERLOCUTOR     | 93.26758251                |
| PROPORTIONALITY  | 93.26758251                |
| LLP              | 92.73462489                |
| TORTS            | 89.53687921                |
| UNPERSUADED      | 87.93800636                |
| UNLAWFULNESS     | 83.94082426                |
| WRONGDOER        | 83.94082426                |
| EXTRADITED       | 79.94364215                |
| PLAINT           | 79.94364215                |
|                  |                            |
| SUBSTRATA        | 79.94364215                |
| COPONERS         | 78.34476931                |
| CORONERS<br>SEO  | 77.27885408<br>77.27885408 |
| -                |                            |
| LIQUIDATOR       | 76.74589646                |
| OVERSUBSCRIPTION | 75.94646004                |
| RESIDUARY        | 74.61406601                |
| JURISDICTION     | 74.55613583                |
| ADMISSIBILITY    | 72.61547495                |
| REINSURANCE      | 71.94927793                |
| INTERLOCUTORS    | 71.94927793                |
| JL               | 71.94927793                |
| ADJOURNAL        | 71.94927793                |
| DETERMINATIVE    | 70.35040509                |
| DRAFTSMAN        | 69.28448986                |
| COMPULSORILY     | 68.75153225                |
| INCRIMINATION    | 67.95209583                |
| TORT             | 67.32096181                |
| LIQUIDATORS      | 66.35322298                |
| AUDITOR'S        | 65.95350477                |
| ADJUDICATOR      | 65.18481591                |
| CONSIGNEE        | 63.95491372                |
| INJUNCTIVE       | 63.95491372                |
| COMPARATOR       | 63.95491372                |
| INVALIDLY        | 63.95491372                |
| CONTRAVENE       | 59.95773161                |
| ENFORCEABLE      | 58.18120623                |
| UNENFORCEABLE    | 57.10260153                |
| CLR              | 57.10260153                |
| INFRINGE         | 55.9605495                 |
| ADODTED          |                            |
| ADOPTER          | 55.9605495                 |
| INDICIA          | 55.9605495<br>55.9605495   |

| FORESEEABLY                                    | 55.9605495   |
|--|--|
| DPA  | 54.62815547  |
| DEMOTED  | 53.67644544  |
| UNJUSTIFIABLY                                  | 53.29576143  |
| CONTRACTUALLY                                  | 51.9633674   |
| SUBPARAGRAPH                                   | 50.63097336  |
| COUNTERBALANCING                               | 50.63097336  |
| AMBIT  | 50.63097336  |
| INCOMPATIBILITY                                | 50.49072136  |
| PROPORTIONATE                                  | 50.46442411  |
| EXERCISABLE                                    | 49.29857933  |
| TENANT   | 49.2153047   |
| CONSTRUE                                       | 48.96548082  |
| DEROGATE                                       | 47.96618529  |
| DISALLOWANCE                                   | 47.96618529  |
| DONEE  | 47.96618529  |
| REDELIVER                                      | 47.96618529  |
| TRIABLE  | 47.96618529  |
| VITIATE  | 47.96618529  |
| SUBLETTING                                     | 47.96618529  |
| CBL  | 47.96618529  |
| DISCLOSABLE                                    | 47.96618529  |
| ENV  | 47.96618529  |
| FDS  | 47.96618529  |
| KB   | 47.56646708  |
| PURSUANT                                       | 46.87604471  |
| INVESTIGATORY                                  | 46.82413326  |
| PRECAUTIONARY                                  | 46.36731245  |
| ACTIONABLE                                     | 45.96759424  |
| TRESPASS                                       | 45.74552856  |
| LIQUIDATED                                     | 45.68208123  |
| CLAIMANT                                       | 45.59162166  |
| BREACH   | 45.58564128  |
| JUDGMENT                                       | 44.57762762  |
| TENANCY  | 44.28623986  |
| CONSCRIPTS                                     | 43.96900318  |
| UNARGUABLE                                     | 43.96900318  |
| FLAGRANT                                       | 43.33786916  |
| DETAINEE                                       | 42.96970766  |
| DETAINEE                                       | T4.20210100  |
| INERINGED                                      | 12 70336130  |
| INFRINGED PROSPECTIVELY                        | 42.79336139  |
| PROSPECTIVELY                                  | 42.63660915  |
| PROSPECTIVELY EVICTING                         | 42.63660915<br>42.63660915                               |
| PROSPECTIVELY EVICTING RESETTLEMENT            | 42.63660915<br>42.63660915<br>42.37013034                |
| PROSPECTIVELY EVICTING RESETTLEMENT DEROGATION | 42.63660915<br>42.63660915<br>42.37013034<br>42.25592514 |
| PROSPECTIVELY EVICTING RESETTLEMENT            | 42.63660915<br>42.63660915<br>42.37013034                |

| 41.67583522 |
|-------------|
| 41.57069392 |
| 41.57069392 |
| 41.57069392 |
| 40.44207779 |
| 40.29159564 |
| 40.26790864 |
| 39.97182107 |
| 39.97182107 |
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| 39.97182107 |
| 39.52768973 |
| 39.03130764 |
| 38.82976904 |
| 38.37294823 |
| 38.37294823 |
| 37.97323002 |
| 37.83999062 |
| 37.307033   |
|             |

| SUBLET          | 37.307033   |
|-----------------|-------------|
| CONTENDED       | 37.236907   |
| QUASHED         | 37.026529   |
| AVER            | 36.77407539 |
| OVERRIDDEN      | 36.77407539 |
| DISHONESTLY     | 36.54566498 |
| ARBITRATORS     | 36.54566498 |
| UNLAWFUL        | 36.38460636 |
| PAROLE          | 36.37435718 |
| CONTRACTUAL     | 36.09220315 |
| BLAMEWORTHINESS | 35.97463897 |
| COGENCY         | 35.97463897 |
| RESCIND         | 35.97463897 |
| UNEXPIRED       | 35.97463897 |
| COMMISSIONER'S  | 35.97463897 |
| ABSCONDED       | 35.97463897 |
| APPEAL          | 35.42782883 |
| LAWFUL          | 34.9997165  |
| PRESUMPTION     | 34.88449839 |
| ADDUCED         | 34.64224493 |
| REBUTTED        | 34.64224493 |
| SEEKER          | 34.19811359 |
| PURSUANCE       | 33.97604791 |
| RESPONDENTS     | 33.90310663 |
| SEVERALLY       | 33.5763297  |

### **Kit and Liu (2008)**

| TERMS       | TECHNICALITY |
|-------------|--------------|
| DETENTION   | 385.4495089  |
| UNLAWFUL    | 382.8202671  |
| ASYLUM      | 380.6266228  |
| REASONING   | 372.86781    |
| IMMIGRATION | 365.5309131  |
| COUNSEL     | 364.9386094  |
| SUBSTANTIVE | 361.8189225  |
| ACCORD      | 361.1647951  |
| CONTEND     | 356.4814787  |
| DETAIN      | 354.5130092  |
| CONTRACTUAL | 350.8853267  |
| INQUEST     | 350.1278397  |
| VIOLATION   | 349.5789043  |
| WORDING     | 338.709086   |
| RELIANCE    | 336.5960685  |
| PROCESSION  | 335.3939937  |

| LITIGATION   | 329.8128809 |
|--------------|-------------|
| COMMISSIONER | 329.5440896 |
| DISCLOSURE   | 329.2800942 |
| WARRANT      | 328.4183423 |
| ASCERTAIN    | 327.029422  |
| SPOUSE       | 326.1300417 |
| ENTITLEMENT  | 323.2547026 |
| RESPONDENT   | 322.9890792 |
| RETENTION    | 322.602551  |
| CONFER       | 322.4806532 |
| NATIONALITY  | 322.2783159 |
| LEGISLATURE  | 320.0554374 |
| CONSPIRACY   | 319.2519275 |
| DENIAL       | 317.4650382 |
| PROSECUTE    | 314.9901571 |
| DONATION     | 311.6659089 |
| PROHIBIT     | 311.2845024 |
|              |             |

| SUBMISSION     | 309.9496462 |
|----------------|-------------|
| CONVICT        | 305.9522631 |
| TERRITORIAL    | 303.3817378 |
| BENEFICIARY    | 302.0824348 |
| NEGLIGENCE     | 302.0766731 |
| AMEND          | 301.6666066 |
| DONOR          | 298.751768  |
| PREJUDICE      | 297.7210468 |
| UPHOLD         | 297.2745052 |
| MANDATORY      | 294.5363902 |
| CLEARANCE      |             |
|                | 294.5186356 |
| IMPRISONMENT   | 294.294653  |
| INJUNCTION     | 290.893216  |
| DISCHARGE      | 286.7826164 |
| DISCIPLINARY   | 285.7922003 |
| JURISDICTION   | 285.0844782 |
| ADVERSE        | 284.8597171 |
| FRAUD          | 284.0492534 |
| DEPRIVATION    | 281.9164668 |
| APPLICANT      | 279.0600525 |
| ADVOCATE       | 276.9150856 |
| CUSTODY        | 274.1102515 |
| UNREASONABLE   | 273.851935  |
| LEGITIMATE     | 273.8410297 |
| TRIBUNAL       | 271.6565193 |
| PROTOCOL       | 270.2046658 |
| APPLICABLE     | 269.9964232 |
| SUICIDE        | 268.0610346 |
| PRESCRIBE      | 265.9456935 |
| EXPEL          | 265.83283   |
| DISCRIMINATION | 264.8033619 |
| STATUTE        | 264.6616121 |
| PATENT         | 263.8735553 |
| IRRELEVANT     | 263.2935535 |
| CONTRARY       | 262.1948991 |
| VALUATION      | 261.658144  |
| INTERIM        | 260.9920238 |
| OFFEND         | 260.4276794 |
| DISCLOSE       | 259.5002352 |
| ALLEGED        | 258.4692269 |
| ACCORDANCE     | 257.9307832 |
| COPYRIGHT      | 257.408554  |
| SCRUTINY       | 257.1653156 |
| LEGALLY        | 256.5572938 |
| ENFORCEMENT    | 254.9869367 |
| FORMULATION    | 254.2681488 |

| COMPLIANCE    | 253.549648  |
|---------------|-------------|
| REFUGE        | 253.2367708 |
| TERMINATE     | 252.8597244 |
| DIRECTIVE     | 252.1124808 |
| COMPULSORY    | 251.7042465 |
| COMPLY        | 250.3859527 |
| SUE           | 250.3246864 |
| JUDICIAL      | 250.2621231 |
| OFFENDER      | 250.1347118 |
| SANCTION      | 249.8839453 |
| ACCUSED       | 249.4050624 |
| DULY          | 249.2161584 |
| DIVORCE       | 248.2623001 |
| AUDITOR       | 247.2703    |
| HARM          | 247.1610351 |
| EXCEPTIONAL   | 247.0356603 |
| LIABLE        | 246.8289628 |
| ACCORDINGLY   | 246.6060289 |
| CREDIBILITY   | 246.0638431 |
| PRECEDENT     | 245.9821236 |
| CITIZENSHIP   | 245.9053654 |
| TERRORIST     | 245.5117178 |
| PROSECUTION   | 244.9344922 |
| LEGISLATIVE   | 243.6737835 |
| BAIL          | 243.4332436 |
| ALLEGE        | 243.1380383 |
| REPAYMENT     | 243.0404791 |
| PRELIMINARY   | 241.9676258 |
| INAPPROPRIATE | 241.7848922 |
| TARIFF        | 241.1493419 |
| ALLEGATION    | 240.5880218 |
| DISABILITY    | 240.5121299 |
| MANIFEST      | 240.3784216 |
| ATTEMPTED     | 239.9590167 |
| DEEM          | 239.8916796 |
| INCAPABLE     | 239.6615266 |
| REMEDY        | 239.6551908 |
| LEASE         | 238.9900365 |
| BREACH        | 238.8770903 |
| DRAFT         | 238.8307584 |
| PRINCIPALLY   | 238.791215  |
| ENJOYMENT     | 238.6273285 |
| JUDGMENT      | 236.1902195 |
| REFUGEE       | 236.1144492 |
| LIBERTY       | 235.4635556 |
| EXCLUSION     | 234.8602858 |
|               | ·           |

| INTENT        | 234.857692                 |
|---------------|----------------------------|
| HARDSHIP      | 234.8517479                |
| KINGDOM       | 234.5582262                |
| DECREE        | 233.7414266                |
| WITNESS       | 233.5889369                |
| JOINTLY       | 233.3680834                |
| PAYABLE       | 233.1442494                |
| CONVICTION    | 232.8168463                |
| LANDOWNER     | 232.764052                 |
| UNFAIR        | 232.3539466                |
| JUSTIFICATION | 231.8471873                |
| CONSTABLE     | 231.7783709                |
| DETER         | 230.76392                  |
| POSTPONE      | 230.1576089                |
| STATUTORY     | 230.0926561                |
| INTERFERE     | 229.7940177                |
| DESCENT       | 229.3528021                |
| RECONCILE     | 228.8839364                |
| COMPETENT     | 228.6851807                |
| INABILITY     | 228.4403583                |
| INFLICT       | 227.9229806                |
| ASSERTION     | 227.6907911                |
| DISPOSE       | 226.7592958                |
| REASONABLY    | 226.5074588                |
| POSSESSION    | 226.0632846                |
| CITE          | 225.8756556                |
| RESTRAIN      | 225.47756                  |
| RESIDENCE     | 225.4670075                |
| SUSPEND       | 225.1567849                |
| INTERCOURSE   | 224.6788679                |
| BINDING       | 224.4139673                |
| OBLIGATION    | 224.375042                 |
| LIMITATION    | 224.0288356                |
| ENVISAGE      | 223.057449                 |
| ELIGIBLE      | 222.7895848                |
| COVENANT      | <del></del>                |
| DEFENDED      | 222.7109117                |
| DEFENDER      | 222.7109117<br>222.2255663 |

| FAVOURABLE   | 221.1261115 |
|--------------|-------------|
| ADMISSION    | 221.049458  |
| REFUSAL      | 220.7907886 |
| PRIVACY      | 220.7597222 |
| COMPENSATION | 220.7312108 |
| AMENDMENT    | 220.5299002 |
| CREDITOR     | 220.3557653 |
| VALIDITY     | 220.1608345 |
| PROCEEDING   | 219.8258206 |
| WARRANTY     | 219.7763427 |
| COMMENCE     | 219.5055369 |
| PROSPECTIVE  | 219.5014419 |
| PREVENTION   | 218.9361096 |
| RECORDER     | 218.8729502 |
| CONVENTION   | 218.6912044 |
| DECLARATION  | 218.513167  |
| ENFORCE      | 218.4622437 |
| ASSURANCE    | 218.0703455 |
| SOLELY       | 217.5348873 |
| PRESUME      | 217.2748821 |
| SURRENDER    | 217.048841  |
| CONSISTENCY  | 217.0242153 |
| UNNECESSARY  | 216.9433013 |
| LANDLORD     | 216.8913344 |
| QUANTUM      | 216.6659721 |
| SUBMIT       | 216.456664  |
| HEARING      | 215.9999566 |
| THEREAFTER   | 215.8843558 |
| DISMISSAL    | 215.6949993 |
| SUMMARY      | 215.3576398 |
| CRIMINAL     | 215.3138359 |
| PARENTAL     | 214.8715328 |
| RESTRICTED   | 214.7517762 |
| JURY         | 214.6400222 |
| VERDICT      | 214.591902  |
| APPRECIATION | 214.4755396 |
|              |             |

## TF-IDF (Sparck-Jones, 1972)

| TERMS          | TECHNICALITY |
|----------------|--------------|
| LAND           | 2636.403584  |
| ARTICLE        | 2538.995003  |
| CONTRACT       | 2435.643508  |
| EXTRADITION    | 2278.499406  |
| POSSESSION     | 2264.923951  |
| TENANT         | 2116.226356  |
| CONVENTION     | 2039.098672  |
| ASYLUM         | 1904.11018   |
| DIRECTIVE      | 1847.999067  |
| IMMIGRATION    | 1724.909458  |
| DISCRIMINATION | 1702.053248  |
| SUICIDE        | 1696.919551  |
| ACCOMMODATION  | 1650.674541  |
| CRIMINAL       | 1614.156299  |
| COMMISSIONERS  | 1600.183512  |
| CLAUSE         | 1533.725826  |
| PROPERTY       | 1525.313281  |
| LEASE          | 1516.03417   |
| CONFISCATION   | 1492.548537  |
| EHRR           | 1474.615217  |
| OFFENCE        | 1463.936264  |
| DAMAGES        | 1455.225399  |
| REGULATION     | 1449.019578  |
| JURISDICTION   | 1437.269322  |
| REINSURANCE    | 1423.042814  |
| ASSETS         | 1408.93554   |
| DEFENDANT      | 1401.552443  |
| SECRETARY      | 1390.300277  |
| ARBITRATION    | 1379.380848  |
| SIAC           | 1359.796467  |
| REGULATIONS    | 1354.555053  |
| TRIAL          | 1246.984265  |
| LANDLORD       | 1246.459465  |
| FRAUD          | 1244.940645  |
| DEFENCE        | 1241.474625  |
| REFUGEE        | 1230.626928  |
| TRIBUNAL       | 1227.156947  |
| WITNESS        | 1215.86235   |
| LIABILITY      | 1205.104543  |
| TENANTS        | 1181.945353  |
| PERSECUTION    | 1167.605196  |
| PAROLE         | 1165.854401  |
| DETENTION      | 1155.073298  |
| AUDITORS       | 1153.679982  |

| INVECTICATION | 1120 105264 |
|---------------|-------------|
| INVESTIGATION | 1130.105264 |
| RELEASE       | 1124.777733 |
| CLAIM         | 1118.490074 |
| CLAIM         | 1109.252478 |
| APPLICANT     | 1105.006357 |
| SENTENCE      | 1099.965592 |
| DISABILITY    | 1092.526649 |
| TENANCY       | 1071.044383 |
| JFS TELEVINIC | 1069.334028 |
| TRAFFICKING   | 1059.828592 |
| OFFENCES      | 1049.586658 |
| DUTY          | 1037.884671 |
| EMPLOYMENT    | 1026.892183 |
| TERRITORY     | 1003.458636 |
| TAX           | 999.8874759 |
| PRISONER      | 968.8258019 |
| NEGLIGENCE    | 958.7472197 |
| CHIEF         | 952.2273471 |
| PROCESSION    | 937.1691477 |
| CONVICTION    | 937.1604629 |
| DISCLOSURE    | 934.3572015 |
| SHAREHOLDERS  | 934.0637446 |
| PROSECUTION   | 926.3526423 |
| WITNESSES     | 925.5856864 |
| DAMAGE        | 923.6596351 |
| ESTOPPEL      | 923.5649161 |
| BATTERY       | 922.7554111 |
| RIGHTS        | 921.6921067 |
| DONATION      | 917.072036  |
| POWER         | 913.1745003 |
| TORT          | 891.2326769 |
| GOVERNMENT    | 876.8530247 |
| CREDITORS     | 873.633809  |
| COUNCIL       | 870.3223428 |
| AGREEMENTS    | 860.5965536 |
| TREATMENT     | 860.4605404 |
| CROWN         | 859.1749194 |
| SURVEILLANCE  | 855.5362617 |
| COMPENSATION  | 853.3622127 |
| INQUEST       | 849.6045519 |
| INJURY        | 846.4757987 |
| POLICY        | 846.3394959 |
| CRIME         | 840.5981644 |
| JURY          | 840.0957087 |
| UNLAWFUL      | 839.9769318 |

| TA A TA A TOTAL ON A | 020 47 (0105 |
|----------------------|--------------|
| VALUATION            | 839.4769105  |
| REFUGEES             | 836.7837236  |
| PATENT               | 826.6050837  |
| BREACH               | 804.0211416  |
| LICENCE              | 802.9947306  |
| SCHEME               | 802.8623434  |
| CLAIMS               | 802.1752532  |
| DEFENDANTS           | 799.5934554  |
| SUSPENSION           | 797.5254623  |
| ACCUSED              | 794.2504008  |
| CERTIFICATE          | 793.2918534  |
| SENTENCES            | 781.0619562  |
| TRUST                | 780.5829465  |
| EVIDENCE             | 776.7241343  |
| IMPRISONMENT         | 776.2555505  |
| COMMISSION           | 775.0068924  |
| MEASURES             | 774.7352258  |
| ACTION               | 774.3413477  |
| PARTY                | 771.6210639  |
| FORFEITURE           | 768.7427279  |
| PURCHASE             | 765.6485858  |
| CIVIL                | 764.6869899  |
| PERMISSION           | 760.8860037  |
| COMPULSORY           | 748.8661396  |
| CHARGES              | 748.8123612  |
| COMMISSIONER         | 747.8976241  |
| IMGS                 | 744.0607897  |
| ADOPTION             | 743.7774835  |
| RULE                 | 742.811319   |
| REGISTRATION         | 740.3564337  |
| ORDERS               | 735.3334967  |
| AGREEMENT            | 734.3044659  |
| LIABLE               | 734.1028286  |
| RULES                | 733.8337933  |
| INDICTMENT           | 727.3706272  |
| ADMISSION            | 726.1979316  |
| DECEASED             | 720.1123125  |
| PURSUER              | 713.1783334  |
| CLAIMANT             | 711.3052988  |
| ADVOCATE             | 697.4993119  |
| COSTS                | 696.4864384  |
| CONDUCT              | 679.1330365  |
| FAIR                 | 676.7580233  |
| SHERIFF              | 673.3189962  |
| SENTENCING           | 671.789466   |
| PRIVATE              | 669.0129893  |
| IMITALL              | 007.0127073  |

| ASSURANCES                | 665.5349616 |
|---------------------------|-------------|
| MURDER                    | 654.4989971 |
| BILL                      | 650.6788265 |
| OBLIGATION                | 650.6051782 |
| ADMISSIONS                | 638.2908403 |
| ESTATE                    | 637.9620713 |
| DIVORCE                   | 636.4859145 |
| CONSTABLE                 | 635.1519741 |
| TRADE                     | 635.1507899 |
| DISABLED                  | 634.3984418 |
| AUTHORITY                 | 634.1198409 |
| PROPRIETARY               | 633.1841368 |
| CHARTER                   | 632.1923867 |
| LEGISLATION               | 628.0044595 |
| OFFICER                   | 627.8952876 |
| DIVISIONAL                | 626.8234778 |
| CONVICTED                 | 626.4683268 |
| CONTRACTUAL               | 625.625533  |
| BUSINESS                  | 624.6933944 |
| CONTRACTING               | 622.6395109 |
| ARMED                     | 620.7260616 |
| LAWFUL                    | 613.8232217 |
| JUDGE                     | 613.6853061 |
| APPLICANTS                | 611.9106552 |
| PARENTAL                  | 609.8689901 |
| VICTIM                    | 608.7000314 |
| PROCEDURE                 | 607.7223716 |
| AGENCY                    | 605.940809  |
| STATUTORY                 | 603.1450989 |
| TERRORIST                 | 598.5067965 |
| PLAINTIFF                 | 597.1491118 |
| TRANSITIONAL              | 595.5205742 |
| APPEALS                   | 593.9366323 |
| TERRITORIAL               | 593.3761971 |
| REPORT                    | 591.3430226 |
| WARRANT                   | 590.9817738 |
| CORPORATE                 | 585.8757533 |
| COMMITTED                 | 585.6177201 |
| PROOF                     | 583.2636146 |
|                           |             |
| RESPONSIBILITY  DRIVILEGE | 582.9297225 |
| PRIVILEGE                 | 580.7924329 |
| CHAMBER                   | 578.9848803 |
| REGISTER                  | 574.985382  |
| REMUNERATION              | 573.0717187 |
| STATEMENTS                | 571.4209268 |
| JUDICIAL                  | 569.349658  |

| DEBT         | 567.8090598 |
|--------------|-------------|
| NOTIFICATION | 567.577232  |
| ARREST       | 566.6545192 |
| TRUSTEE      | 566.2244824 |
| CUSTODY      | 565.2517359 |
| INSOLVENCY   | 565.0567297 |
| LAWS         | 564.265498  |
| PROCEEDINGS  | 560.3327021 |
| REQUIREMENTS | 560.2252397 |

| LIBERTY     | 558.6016719 |
|-------------|-------------|
| CORONER     | 557.2390365 |
| PURCHASER   | 556.8242929 |
| JUSTICE     | 554.6968152 |
| AUDITOR     | 554.2493637 |
| DEFENDER    | 550.2867432 |
| LOCALITY    | 548.13501   |
| IPP         | 547.1739341 |
| LIQUIDATORS | 547.1739341 |

# RIDF (Church and Gale, 1995)

| TERMS         | TECHNICALITY |
|---------------|--------------|
| ABA           | 0.992531351  |
| IMGS          | 6.263895489  |
| AUDITOR       | 5.925572959  |
| HSMP          | 5.909177501  |
| ECRC          | 5.858308491  |
| MATRILINEAL   | 5.603109333  |
| LPP           | 5.557762462  |
| FOB           | 5.207024148  |
| FSMA          | 5.207024148  |
| IPP           | 5.07592298   |
| LIQUIDATORS   | 5.07592298   |
| DESCENT       | 4.973182839  |
| WAYLEAVE      | 4.882050487  |
| REINSURANCE   | 4.861533021  |
| ARBITRAL      | 4.858308491  |
| ILLIQUID      | 4.839882726  |
| SIAC          | 4.830875726  |
| BARNARDISED   | 4.796216162  |
| PFT           | 4.796216162  |
| BATTERY       | 4.793297209  |
| INTERROGATION | 4.655149866  |
| OVERDRAFT     | 4.60435413   |
| AQO           | 4.59605409   |
| COPYRIGHT     | 4.59605409   |
| DONATION      | 4.519213925  |
| CONSIGNEE     | 4.496190681  |
| CONSIGNOR     | 4.496190681  |
| ADOPTERS      | 4.438451859  |
| DDA           | 4.438451859  |
| DEFAMATORY    | 4.438451859  |
| SEISIN        | 4.435442445  |
| UNDERTAKER    | 4.433609323  |
| FIXTURE       | 4.40927628   |

| CONTROLEE       4.382487027         DEMOTED       4.382487027         EQS       4.377986469         REMITTAL       4.377986469         UKIP       4.377986469         DISCRIMINATOR       4.340610458         FFAS       4.314540446         CHARTERER       4.298102291         CONFISCATION       4.296192965         HEARSAY       4.240999717         LLPS       4.17749656         REDELIVERY       4.175007168         SPONSOR       4.163251131         CBL       4.103171899         DIC       4.103171899         EJECTION       4.103171899         BARNARDISATION       4.024390816         GAK       4.024390816         ARBITRATION       3.970835022         DONOR       3.957568504         INSURED       3.953193164         ACCRUALS       3.940612277         RANSOM       3.940612277         EIA       3.922811902         INQUEST       3.882050487         PAROLE       3.868807969         EJECTMENT       3.851190403         HJ       3.851190403         COGNISANCE       3.839882726         WAGES |                |             |
|---|----------------|-------------|
| EQS   | CONTROLEE      | 4.382487027 |
| REMITTAL 4.377986469 UKIP 4.377986469 DISCRIMINATOR 4.340610458 FFAS 4.314540446 CHARTERER 4.298102291 CONFISCATION 4.296192965 HEARSAY 4.240999717 LLPS 4.17749656 REDELIVERY 4.175007168 SPONSOR 4.163251131 CBL 4.103171899 DIC 4.103171899 EJECTION 4.024390816 GAK 4.024390816 GAK 4.024390816 LRR 4.024390816 ARBITRATION 3.970835022 DONOR 3.957568504 INSURED 3.953193164 ACCRUALS 3.940612277 RANSOM 3.940612277 EIA 3.922811902 INQUEST 3.882050487 PAROLE 3.868807969 EJECTMENT 3.851190403 COGNISANCE 3.839882726 WAGES 3.833923519   | DEMOTED        | 4.382487027 |
| UKIP 4.377986469 DISCRIMINATOR 4.340610458 FFAS 4.314540446 CHARTERER 4.298102291 CONFISCATION 4.296192965 HEARSAY 4.240999717 LLPS 4.17749656 REDELIVERY 4.17749656 LVT 4.175007168 SPONSOR 4.163251131 CBL 4.103171899 DIC 4.103171899 EJECTION 4.103171899 EJECTION 4.103171899 BARNARDISATION 4.024390816 GAK 4.024390816 LRR 4.024390816 ARBITRATION 3.970835022 DONOR 3.957568504 INSURED 3.953193164 ACCRUALS 3.940612277 EIA 3.922811902 INQUEST 3.882050487 PAROLE 3.868807969 EJECTMENT 3.851190403 HJ 3.851190403 COGNISANCE 3.839882726 WAGES 3.833923519   | EQS            | 4.377986469 |
| DISCRIMINATOR 4.340610458 FFAS 4.314540446 CHARTERER 4.298102291 CONFISCATION 4.296192965 HEARSAY 4.240999717 LLPS 4.17749656 REDELIVERY 4.17749656 LVT 4.175007168 SPONSOR 4.163251131 CBL 4.103171899 DIC 4.103171899 EJECTION 4.103171899 BARNARDISATION 4.024390816 GAK 4.024390816 LRR 4.024390816 ARBITRATION 3.970835022 DONOR 3.957568504 INSURED 3.953193164 ACCRUALS 3.940612277 RANSOM 3.940612277 EIA 3.922811902 INQUEST 3.894749691 DEPORTEE 3.882050487 PAROLE 3.868807969 EJECTMENT 3.851190403 HJ 3.851190403 COGNISANCE 3.839882726 WAGES 3.833923519   | REMITTAL       | 4.377986469 |
| FFAS 4.314540446 CHARTERER 4.298102291 CONFISCATION 4.296192965 HEARSAY 4.240999717 LLPS 4.17749656 REDELIVERY 4.17749656 LVT 4.175007168 SPONSOR 4.163251131 CBL 4.103171899 DIC 4.103171899 EJECTION 4.103171899 BARNARDISATION 4.024390816 GAK 4.024390816 LRR 4.024390816 ARBITRATION 3.970835022 DONOR 3.957568504 INSURED 3.953193164 ACCRUALS 3.940612277 RANSOM 3.940612277 EIA 3.922811902 INQUEST 3.894749691 DEPORTEE 3.882050487 PAROLE 3.868807969 EJECTMENT 3.851190403 HJ 3.851190403 COGNISANCE 3.839882726 WAGES 3.833923519   | UKIP           | 4.377986469 |
| CHARTERER       4.298102291         CONFISCATION       4.296192965         HEARSAY       4.240999717         LLPS       4.17749656         REDELIVERY       4.175007168         SPONSOR       4.163251131         CBL       4.103171899         DIC       4.103171899         EJECTION       4.103171899         BARNARDISATION       4.024390816         LRR       4.024390816         ARBITRATION       3.970835022         DONOR       3.957568504         INSURED       3.940612277         RANSOM       3.940612277         EIA       3.922811902         INQUEST       3.884749691         DEPORTEE       3.868807969         EJECTMENT       3.851190403         HJ       3.839882726         WAGES       3.833923519  | DISCRIMINATOR  | 4.340610458 |
| CONFISCATION       4.296192965         HEARSAY       4.240999717         LLPS       4.17749656         REDELIVERY       4.175007168         SPONSOR       4.163251131         CBL       4.103171899         DIC       4.103171899         EJECTION       4.103171899         BARNARDISATION       4.024390816         GAK       4.024390816         LRR       4.024390816         ARBITRATION       3.970835022         DONOR       3.957568504         INSURED       3.953193164         ACCRUALS       3.940612277         EIA       3.922811902         INQUEST       3.894749691         DEPORTEE       3.882050487         PAROLE       3.868807969         EJECTMENT       3.851190403         HJ       3.839882726         WAGES       3.833923519   | FFAS           | 4.314540446 |
| HEARSAY  LLPS  4.17749656  REDELIVERY  4.175007168  SPONSOR  4.163251131  CBL  4.103171899  DIC  4.103171899  EJECTION  4.103171899  BARNARDISATION  GAK  4.024390816  LRR  4.024390816  ARBITRATION  3.970835022  DONOR  3.957568504  INSURED  3.953193164  ACCRUALS  3.940612277  RANSOM  3.940612277  EIA  3.922811902  INQUEST  DEPORTEE  3.882050487  PAROLE  3.868807969  EJECTMENT  3.839882726  WAGES  3.833923519  | CHARTERER      | 4.298102291 |
| LLPS 4.17749656  REDELIVERY 4.17749656  LVT 4.175007168  SPONSOR 4.163251131  CBL 4.103171899  DIC 4.103171899  EJECTION 4.103171899  BARNARDISATION 4.024390816  GAK 4.024390816  LRR 4.024390816  ARBITRATION 3.970835022  DONOR 3.957568504  INSURED 3.953193164  ACCRUALS 3.940612277  RANSOM 3.940612277  EIA 3.922811902  INQUEST 3.894749691  DEPORTEE 3.882050487  PAROLE 3.868807969  EJECTMENT 3.851190403  HJ 3.851190403  COGNISANCE 3.839882726  WAGES 3.833923519   | CONFISCATION   | 4.296192965 |
| REDELIVERY       4.17749656         LVT       4.175007168         SPONSOR       4.163251131         CBL       4.103171899         DIC       4.103171899         EJECTION       4.103171899         BARNARDISATION       4.024390816         GAK       4.024390816         LRR       4.024390816         ARBITRATION       3.970835022         DONOR       3.957568504         INSURED       3.953193164         ACCRUALS       3.940612277         EIA       3.922811902         INQUEST       3.894749691         DEPORTEE       3.868807969         EJECTMENT       3.851190403         HJ       3.851190403         COGNISANCE       3.839882726         WAGES       3.833923519   | HEARSAY        | 4.240999717 |
| LVT 4.175007168  SPONSOR 4.163251131  CBL 4.103171899  DIC 4.103171899  EJECTION 4.103171899  BARNARDISATION 4.024390816  GAK 4.024390816  LRR 4.024390816  ARBITRATION 3.970835022  DONOR 3.957568504  INSURED 3.953193164  ACCRUALS 3.940612277  RANSOM 3.940612277  EIA 3.922811902  INQUEST 3.894749691  DEPORTEE 3.882050487  PAROLE 3.868807969  EJECTMENT 3.851190403  HJ 3.851190403  COGNISANCE 3.839882726  WAGES 3.833923519   | LLPS           | 4.17749656  |
| SPONSOR       4.163251131         CBL       4.103171899         DIC       4.103171899         EJECTION       4.103171899         BARNARDISATION       4.024390816         GAK       4.024390816         LRR       4.024390816         ARBITRATION       3.970835022         DONOR       3.957568504         INSURED       3.953193164         ACCRUALS       3.940612277         RANSOM       3.940612277         EIA       3.922811902         INQUEST       3.882050487         PAROLE       3.868807969         EJECTMENT       3.851190403         HJ       3.839882726         WAGES       3.833923519   | REDELIVERY     | 4.17749656  |
| CBL       4.103171899         DIC       4.103171899         EJECTION       4.103171899         BARNARDISATION       4.024390816         GAK       4.024390816         LRR       4.024390816         ARBITRATION       3.970835022         DONOR       3.957568504         INSURED       3.953193164         ACCRUALS       3.940612277         RANSOM       3.940612277         EIA       3.922811902         INQUEST       3.894749691         DEPORTEE       3.868807969         EJECTMENT       3.851190403         HJ       3.851190403         COGNISANCE       3.839882726         WAGES       3.833923519  | LVT            | 4.175007168 |
| DIC       4.103171899         EJECTION       4.103171899         BARNARDISATION       4.024390816         GAK       4.024390816         LRR       4.024390816         ARBITRATION       3.970835022         DONOR       3.957568504         INSURED       3.953193164         ACCRUALS       3.940612277         RANSOM       3.940612277         EIA       3.922811902         INQUEST       3.884749691         DEPORTEE       3.868807969         EJECTMENT       3.851190403         HJ       3.851190403         COGNISANCE       3.839882726         WAGES       3.833923519  | SPONSOR        | 4.163251131 |
| EJECTION 4.103171899 BARNARDISATION 4.024390816 GAK 4.024390816 LRR 4.024390816 ARBITRATION 3.970835022 DONOR 3.957568504 INSURED 3.953193164 ACCRUALS 3.940612277 RANSOM 3.940612277 EIA 3.922811902 INQUEST 3.894749691 DEPORTEE 3.882050487 PAROLE 3.868807969 EJECTMENT 3.851190403 HJ 3.851190403 COGNISANCE 3.839882726 WAGES 3.833923519   | CBL            | 4.103171899 |
| BARNARDISATION       4.024390816         GAK       4.024390816         LRR       4.024390816         ARBITRATION       3.970835022         DONOR       3.957568504         INSURED       3.953193164         ACCRUALS       3.940612277         RANSOM       3.940612277         EIA       3.922811902         INQUEST       3.884749691         DEPORTEE       3.868807969         EJECTMENT       3.851190403         HJ       3.851190403         COGNISANCE       3.839882726         WAGES       3.833923519   | DIC            | 4.103171899 |
| GAK       4.024390816         LRR       4.024390816         ARBITRATION       3.970835022         DONOR       3.957568504         INSURED       3.953193164         ACCRUALS       3.940612277         RANSOM       3.940612277         EIA       3.922811902         INQUEST       3.884749691         DEPORTEE       3.868807969         EJECTMENT       3.851190403         HJ       3.851190403         COGNISANCE       3.839882726         WAGES       3.833923519  | EJECTION       | 4.103171899 |
| LRR 4.024390816 ARBITRATION 3.970835022 DONOR 3.957568504 INSURED 3.953193164 ACCRUALS 3.940612277 RANSOM 3.940612277 EIA 3.922811902 INQUEST 3.894749691 DEPORTEE 3.882050487 PAROLE 3.868807969 EJECTMENT 3.851190403 HJ 3.851190403 COGNISANCE 3.839882726 WAGES 3.833923519   | BARNARDISATION | 4.024390816 |
| ARBITRATION 3.970835022  DONOR 3.957568504  INSURED 3.953193164  ACCRUALS 3.940612277  RANSOM 3.940612277  EIA 3.922811902  INQUEST 3.894749691  DEPORTEE 3.882050487  PAROLE 3.868807969  EJECTMENT 3.851190403  HJ 3.851190403  COGNISANCE 3.839882726  WAGES 3.833923519   | GAK            | 4.024390816 |
| DONOR       3.957568504         INSURED       3.953193164         ACCRUALS       3.940612277         RANSOM       3.940612277         EIA       3.922811902         INQUEST       3.894749691         DEPORTEE       3.868807969         EJECTMENT       3.851190403         HJ       3.839882726         WAGES       3.833923519   | LRR            | 4.024390816 |
| INSURED       3.953193164         ACCRUALS       3.940612277         RANSOM       3.940612277         EIA       3.922811902         INQUEST       3.894749691         DEPORTEE       3.882050487         PAROLE       3.868807969         EJECTMENT       3.851190403         HJ       3.851190403         COGNISANCE       3.839882726         WAGES       3.833923519   | ARBITRATION    | 3.970835022 |
| ACCRUALS 3.940612277  RANSOM 3.940612277  EIA 3.922811902  INQUEST 3.894749691  DEPORTEE 3.882050487  PAROLE 3.868807969  EJECTMENT 3.851190403  HJ 3.851190403  COGNISANCE 3.839882726  WAGES 3.833923519  | DONOR          | 3.957568504 |
| RANSOM       3.940612277         EIA       3.922811902         INQUEST       3.894749691         DEPORTEE       3.882050487         PAROLE       3.868807969         EJECTMENT       3.851190403         HJ       3.851190403         COGNISANCE       3.839882726         WAGES       3.833923519  | INSURED        | 3.953193164 |
| EIA       3.922811902         INQUEST       3.894749691         DEPORTEE       3.882050487         PAROLE       3.868807969         EJECTMENT       3.851190403         HJ       3.851190403         COGNISANCE       3.839882726         WAGES       3.833923519   | ACCRUALS       | 3.940612277 |
| INQUEST       3.894749691         DEPORTEE       3.882050487         PAROLE       3.868807969         EJECTMENT       3.851190403         HJ       3.851190403         COGNISANCE       3.839882726         WAGES       3.833923519   | RANSOM         | 3.940612277 |
| DEPORTEE       3.882050487         PAROLE       3.868807969         EJECTMENT       3.851190403         HJ       3.851190403         COGNISANCE       3.839882726         WAGES       3.833923519   | EIA            | 3.922811902 |
| PAROLE       3.868807969         EJECTMENT       3.851190403         HJ       3.851190403         COGNISANCE       3.839882726         WAGES       3.833923519  | INQUEST        | 3.894749691 |
| EJECTMENT       3.851190403         HJ       3.851190403         COGNISANCE       3.839882726         WAGES       3.833923519   | DEPORTEE       | 3.882050487 |
| HJ 3.851190403<br>COGNISANCE 3.839882726<br>WAGES 3.833923519   | PAROLE         | 3.868807969 |
| COGNISANCE 3.839882726<br>WAGES 3.833923519   | EJECTMENT      | 3.851190403 |
| WAGES 3.833923519   | НЈ             | 3.851190403 |
|   | COGNISANCE     | 3.839882726 |
| IRREDUCIBLE 3.822910281   | WAGES          | 3.833923519 |
| · · · · · · · · · · · · · · · · · · ·   | IRREDUCIBLE    | 3.822910281 |

| DESTITUTE      | 3.796216162                |
|----------------|----------------------------|
| AUDIT          | 3.785043837                |
| CFR            | 3.755345485                |
| DESTITUTION    | 3.755345485                |
| JOINDER        | 3.741967217                |
| SUICIDE        |                            |
| DISAPPLICATION | 3.732866667<br>3.728666198 |
| CHARTERPARTY   |                            |
| LESSEE         | 3.713139791<br>3.711309394 |
| 15.15          |                            |
| SUBLET         | 3.703968463                |
| UNDERLEASES    | 3.703968463                |
| DETERMINATE    | 3.681750081                |
| BAILMENT       | 3.655149866                |
| SECONDMENT     | 3.652124264                |
| DEFENDER       | 3.62959632                 |
| ICTA           | 3.551425873                |
| PERSECUTION    | 3.549537956                |
| ORDINANCE      | 3.54247228                 |
| PENSIONABLE    | 3.540344257                |
| RESETTLEMENT   | 3.534360511                |
| SURVEILLANCE   | 3.528880613                |
| FLAGRANT       | 3.511258069                |
| PATENT         | 3.500898026                |
| EAW            | 3.496190681                |
| REQUISITION    | 3.486005238                |
| PURSUER        | 3.482334666                |
| LIQUIDATION    | 3.456540567                |
| ARBITRATORS    | 3.445472645                |
| CREDITORS      | 3.444330268                |
| FORFEITURE     | 3.439947569                |
| ACCESSION      | 3.433609323                |
| TRAFFICKING    | 3.399787368                |
| PREROGATIVE    | 3.388220338                |
| RECTIFICATION  | 3.382487027                |
| CONSCRIPTS     | 3.377986469                |
| DEMOTION       | 3.377986469                |
| FORESIGHT      | 3.377986469                |
| TRANSNATIONAL  | 3.377288641                |
| WARRANTY       | 3.377288641                |
| TRESPASSER     | 3.36651438                 |
| CORONER        | 3.36195362                 |
| CARTEL         | 3.337849401                |
| RESOLUTIONS    | 3.329147095                |
| REFUGEES       | 3.3180206                  |
| SEISED         | 3.302905084                |
| HMRC           | 3.298102291                |
| THVIRC         | 3.230102231                |

| ARBITRABILITY     | 3.284713952                           |
|-------------------|---------------------------------------|
| NOTARY            | 3.284713952                           |
| PLAINT            | 3.284713952                           |
| PLENIPOTENTIARIES | 3.284713952                           |
| ARREARS           | 3.275121259                           |
| DIVORCE           | 3.269843679                           |
| ADOPTIVE          | 3.254920225                           |
| HRA               | 3.252522679                           |
| ACCUSERS          | 3.247822517                           |
| GRANTOR           | 3.247822517                           |
| LACHES            | 3.247822517                           |
| DEBTOR            | 3.217490392                           |
| LADING            | 3.211253662                           |
| FREEHOLDER        | 3.207024148                           |
| INTERCOURSE       | 3.207024148                           |
| JURE              | 3.188519992                           |
| OVERSUBSCRIPTION  | 3.17749656                            |
| PROPRIETARY       | 3.168349216                           |
| MISFEASANCE       | 3.164077143                           |
| EXTRADITION       | 3.163622605                           |
| TRUSTEE           | 3.156719015                           |
| ADJOURNAL         | 3.136417749                           |
| ANNUITY           | 3.136417749                           |
| SHERIFF           | 3.135571998                           |
| IPPC              | 3.103171899                           |
| JL                | 3.103171899                           |
| LIQUIDITY         | 3.103171899                           |
| VINDICATORY       | 3.103171899                           |
| TRADER            | 3.089732086                           |
| ADMISSIONS        | 3.087300214                           |
| INSOLVENCY        | 3.059536408                           |
| SUSPENSION        | 3.043354713                           |
| ABIDE             | 3.03311965                            |
| EXTRATERRITORIAL  | 3.024390816                           |
| PLEAS             | 3.013398467                           |
| INSOLVENT         | 3.011091589                           |
| FIDUCIARY         | 3.005001623                           |
| AIRSPACE          | 2.970202866                           |
| DENOMINATION      | 2.970202866                           |
| HEREDITAMENT      | 2.970202866                           |
| INVALIDLY         | 2.970202866                           |
| PEACEABLE         | 2.970202866                           |
| DEPUTE            | 2.966463373                           |
| INHERIT           | 2.966463373                           |
| PERSECUTED        | 2.960045818                           |
| LEASE             | 2.952771118                           |
|                   | ,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,, |

| TRESPASSERS  | 2.94170087  |
|--------------|-------------|
| REGULATOR    | 2.940612277 |
| SLANDER      | 2.940612277 |
| TESTIMONY    | 2.925572959 |
| FRAUDS       | 2.911228181 |
| REPURCHASE   | 2.911228181 |
| MATRIMONIAL  | 2.910574719 |
| REFUGE       | 2.909177501 |
| SENTENCING   | 2.903970066 |
| BCLC         | 2.901391693 |
| ACQUITTAL    | 2.891982635 |
| CONSPIRACY   | 2.886154272 |
| VALUATION    | 2.885765568 |
| CUSTOMARILY  | 2.885096053 |
| TERRITORIAL  | 2.863871698 |
| HIRER        | 2.851190403 |
| ILLEGALITY   | 2.850479945 |
| APPARATUS    | 2.839882726 |
| MALICE       | 2.839882726 |
| OVERPAYMENTS | 2.839882726 |
|              | 1           |

| VICARIOUS     | 2.839882726 |
|---------------|-------------|
| PRECAUTIONARY | 2.839272792 |
| DIRECTIVE     | 2.838397813 |
| LIQUIDATOR    | 2.82431378  |
| NOTIFICATION  | 2.822384702 |
| DISABILITY    | 2.820624551 |
| LIBEL         | 2.820163348 |
| IMPAIRMENT    | 2.804738551 |
| FRAUDULENT    | 2.798256549 |
| COVERAGE      | 2.795754411 |
| INVESTIGATOR  | 2.793023968 |
| CONNIVANCE    | 2.781271134 |
| RDC           | 2.781271134 |
| SCRIVENER     | 2.781271134 |
| SETTLOR       | 2.781271134 |
| SURCHARGE     | 2.781271134 |
| VENTURERS     | 2.781271134 |
| MANSLAUGHTER  | 2.76740074  |
| REPAYMENT     | 2.764864701 |
| APARTMENT     | 2.755345485 |

## Keywords (Scott, 2008)

| TERMS             | KEYNESS    |
|-------------------|------------|
| COURT             | 28955.793  |
| PARA. (paragraph) | 25311.1152 |
| V. (versus)       | 22486.0918 |
| APPEAL            | 21236.8652 |
| ARTICLE           | 19301.6328 |
| ACT               | 18577.8652 |
| CASE              | 18328.9512 |
| LAW               | 10458.0918 |
| JUDGMENT          | 9297.75    |
| APPELLANT         | 8048.33496 |
| PROCEEDINGS       | 7787.61963 |
| CONVENTION        | 7764.64355 |
| LJ                | 7707.0918  |
| RIGHTS            | 7023.53613 |
| DECISION          | 6950.50488 |
| ORDER             | 6632.18164 |
| JURISDICTION      | 6374.33105 |
| RELEVANT          | 6263.90625 |
| CLAIM             | 5832.43506 |
| APPLICATION       | 5029.07129 |
| CIRCUMSTANCES     | 4704.37988 |
| STATUTORY         | 4629.16748 |

| PROVISIONS | 4533.56982 |
|------------|------------|
| CASES      | 4428.68115 |
| BREACH     | 4419.3208  |
| JUDGE      | 4404.61816 |
| APPELLANTS | 4372.99072 |
| PRINCIPLE  | 4212.11963 |
| CRIMINAL   | 4197.90332 |
| EHRR       | 4068.38989 |
| WLR        | 3907.81592 |
| POSSESSION | 3887.15381 |
| DUTY       | 3790.97339 |
| AGREEMENT  | 3788.57275 |
| DEFENDANT  | 3774.44824 |
| QC         | 3683.96655 |
| APPLICANT  | 3642.31787 |
| AUTHORITY  | 3546.46826 |
| SECRETARY  | 3524.19922 |
| FACTS      | 3516.82251 |
| ISSUE      | 3374.36133 |
| EVIDENCE   | 3299.42969 |
| RESPONDENT | 3252.15674 |
| TRIBUNAL   | 3209.26611 |
| RULE       | 3033.38306 |
|            |            |

| ENTITLED   | 2941.0791  |
|--|--|
| REASONS  | 2803.30688   |
| EXTRADITION  | 2781.37329   |
| TENANT   | 2751.19141   |
| JUDICIAL   | 2677.0271  |
| COURTS   | 2676.51587   |
| PARTIES  | 2654.61938   |
| OBLIGATION   | 2539.6167  |
| CONTRACT   | 2492.60645   |
| PROVISION  | 2477.90698   |
| EWCA   | 2451.50879   |
|  |  |
| ARGUMENT   | 2386.76733   |
| OFFENCE  | 2385.9021  |
| ASYLUM   | 2349.10596   |
| UNLAWFUL   | 2339.28613   |
| DAMAGES  | 2309.95361   |
| LIABILITY  | 2284.2793  |
| REASONABLE   | 2278.59497   |
| REGULATION   | 2119.13867   |
| SENTENCE   | 2086.39966   |
| REASONING  | 2025.00366   |
| COMMISSIONERS  | 2022.44434   |
| IMMIGRATION  | 2010.72339   |
| CIV  | 2004.422   |
| GROUNDS  | 1989.08447   |
|  |  |
| UKHL   | 1985.79382   |
|  |  |
| UKHL   | 1985.79382   |
| UKHL<br>CLAIMANT   | 1985.79382<br>1983.95984   |
| UKHL<br>CLAIMANT<br>CLAUSE   | 1985.79382<br>1983.95984<br>1983.81494   |
| UKHL CLAIMANT CLAUSE QB  | 1985.79382<br>1983.95984<br>1983.81494<br>1928.78369   |
| UKHL CLAIMANT CLAUSE QB OBLIGATIONS  | 1985.79382<br>1983.95984<br>1983.81494<br>1928.78369<br>1923.27112   |
| UKHL CLAIMANT CLAUSE QB OBLIGATIONS PROPERTY   | 1985.79382<br>1983.95984<br>1983.81494<br>1928.78369<br>1923.27112<br>1895.76782   |
| UKHL CLAIMANT CLAUSE QB OBLIGATIONS PROPERTY RESPONDENTS   | 1985.79382<br>1983.95984<br>1983.81494<br>1928.78369<br>1923.27112<br>1895.76782<br>1884.95349   |
| UKHL CLAIMANT CLAUSE QB OBLIGATIONS PROPERTY RESPONDENTS LIABLE  | 1985.79382<br>1983.95984<br>1983.81494<br>1928.78369<br>1923.27112<br>1895.76782<br>1884.95349<br>1792.93555   |
| UKHL CLAIMANT CLAUSE QB OBLIGATIONS PROPERTY RESPONDENTS LIABLE STATUTE  | 1985.79382<br>1983.95984<br>1983.81494<br>1928.78369<br>1923.27112<br>1895.76782<br>1884.95349<br>1792.93555<br>1745.29785   |
| UKHL CLAIMANT CLAUSE QB OBLIGATIONS PROPERTY RESPONDENTS LIABLE STATUTE DIRECTIVE  | 1985.79382<br>1983.95984<br>1983.81494<br>1928.78369<br>1923.27112<br>1895.76782<br>1884.95349<br>1792.93555<br>1745.29785<br>1661.50928   |
| UKHL CLAIMANT CLAUSE QB OBLIGATIONS PROPERTY RESPONDENTS LIABLE STATUTE DIRECTIVE REGULATIONS  | 1985.79382<br>1983.95984<br>1983.81494<br>1928.78369<br>1923.27112<br>1895.76782<br>1884.95349<br>1792.93555<br>1745.29785<br>1661.50928<br>1599.44641   |
| UKHL CLAIMANT CLAUSE QB OBLIGATIONS PROPERTY RESPONDENTS LIABLE STATUTE DIRECTIVE REGULATIONS AUTHORITIES  | 1985.79382<br>1983.95984<br>1983.81494<br>1928.78369<br>1923.27112<br>1895.76782<br>1884.95349<br>1792.93555<br>1745.29785<br>1661.50928<br>1599.44641<br>1595.89124   |
| UKHL CLAIMANT CLAUSE QB OBLIGATIONS PROPERTY RESPONDENTS LIABLE STATUTE DIRECTIVE REGULATIONS AUTHORITIES OFFENCES   | 1985.79382<br>1983.95984<br>1983.81494<br>1928.78369<br>1923.27112<br>1895.76782<br>1884.95349<br>1792.93555<br>1745.29785<br>1661.50928<br>1599.44641<br>1595.89124<br>1595.08813   |
| UKHL CLAIMANT CLAUSE QB OBLIGATIONS PROPERTY RESPONDENTS LIABLE STATUTE DIRECTIVE REGULATIONS AUTHORITIES OFFENCES TRIAL   | 1985.79382<br>1983.95984<br>1983.81494<br>1928.78369<br>1923.27112<br>1895.76782<br>1884.95349<br>1792.93555<br>1745.29785<br>1661.50928<br>1599.44641<br>1595.89124<br>1595.08813<br>1585.17712   |
| UKHL CLAIMANT CLAUSE QB OBLIGATIONS PROPERTY RESPONDENTS LIABLE STATUTE DIRECTIVE REGULATIONS AUTHORITIES OFFENCES TRIAL LEGISLATION                                       | 1985.79382<br>1983.95984<br>1983.81494<br>1928.78369<br>1923.27112<br>1895.76782<br>1884.95349<br>1792.93555<br>1745.29785<br>1661.50928<br>1599.44641<br>1595.89124<br>1595.08813<br>1585.17712<br>1584.40833   |
| UKHL CLAIMANT CLAUSE QB OBLIGATIONS PROPERTY RESPONDENTS LIABLE STATUTE DIRECTIVE REGULATIONS AUTHORITIES OFFENCES TRIAL LEGISLATION NOTICE                                | 1985.79382<br>1983.95984<br>1983.81494<br>1928.78369<br>1923.27112<br>1895.76782<br>1884.95349<br>1792.93555<br>1745.29785<br>1661.50928<br>1599.44641<br>1595.89124<br>1595.08813<br>1585.17712<br>1584.40833<br>1575.83447   |
| UKHL CLAIMANT CLAUSE QB OBLIGATIONS PROPERTY RESPONDENTS LIABLE STATUTE DIRECTIVE REGULATIONS AUTHORITIES OFFENCES TRIAL LEGISLATION NOTICE ACCORDANCE                     | 1985.79382<br>1983.95984<br>1983.81494<br>1928.78369<br>1923.27112<br>1895.76782<br>1884.95349<br>1792.93555<br>1745.29785<br>1661.50928<br>1599.44641<br>1595.89124<br>1595.08813<br>1585.17712<br>1584.40833<br>1575.83447<br>1555.87085                             |
| UKHL CLAIMANT CLAUSE QB OBLIGATIONS PROPERTY RESPONDENTS LIABLE STATUTE DIRECTIVE REGULATIONS AUTHORITIES OFFENCES TRIAL LEGISLATION NOTICE ACCORDANCE ALLEGED ACCORDINGLY | 1985.79382<br>1983.95984<br>1983.81494<br>1928.78369<br>1923.27112<br>1895.76782<br>1884.95349<br>1792.93555<br>1745.29785<br>1661.50928<br>1599.44641<br>1595.89124<br>1595.08813<br>1585.17712<br>1584.40833<br>1575.83447<br>1555.87085<br>1539.43848<br>1533.99048 |
| UKHL CLAIMANT CLAUSE QB OBLIGATIONS PROPERTY RESPONDENTS LIABLE STATUTE DIRECTIVE REGULATIONS AUTHORITIES OFFENCES TRIAL LEGISLATION NOTICE ACCORDANCE ALLEGED             | 1985.79382<br>1983.95984<br>1983.81494<br>1928.78369<br>1923.27112<br>1895.76782<br>1884.95349<br>1792.93555<br>1745.29785<br>1661.50928<br>1599.44641<br>1595.89124<br>1595.08813<br>1585.17712<br>1584.40833<br>1575.83447<br>1555.87085<br>1539.43848               |

| CONDUCT        | 1515.09949 |
|----------------|------------|
| DETENTION      | 1497.26697 |
| DISCRIMINATION | 1445.95166 |
| DISCRETION     | 1441.95447 |
| DEFENCE        | 1389.27344 |
| CONSIDER       | 1386.31177 |
| LEASE          | 1383.93884 |
| INSTRUCTED     | 1371.33826 |
| DEFENDANTS     | 1366.88098 |
| TERMS          | 1345.547   |
| PURSUANT       | 1339.63013 |
| PROSECUTION    | 1328.84607 |
| CONFISCATION   | 1269.07068 |
| JUSTICE        | 1225.14673 |
| PROTECTION     | 1224.75037 |
| REQUIREMENT    | 1222.39429 |
| CLAIMS         | 1207.62708 |
| LAND           | 1197.73315 |
| TENANCY        | 1195.66736 |
| IMPRISONMENT   | 1193.02539 |
| LAWFUL         | 1172.91772 |
| TORT           | 1172.5343  |
| LANDLORD       | 1164.97839 |
| INTERPRETATION | 1160.50037 |
| RULES          | 1157.02466 |
| ASSETS         | 1148.30078 |
| COUNCIL        | 1144.61633 |
| SUBMISSION     | 1143.68054 |
| IMPOSED        | 1140.95483 |
| DISMISS        | 1136.87476 |
| PROCEDURAL     | 1134.5509  |
| SIAC           | 1133.46716 |
| LIMITATION     | 1131.70166 |
| PERMISSION     | 1126.49219 |
| POWERS         | 1125.8125  |
| PRINCIPLES     | 1120.33533 |
| ECHR           | 1120.28711 |
| REFUGEE        | 1093.42493 |
| EWHC           | 1080.74683 |
| JURISPRUDENCE  | 1076.47913 |
| CONVICTION     | 1067.24646 |
| LEGAL          | 1063.48291 |
| ESTOPPEL       | 1049.19897 |
| DRAFT          | 1037.41541 |
| ACTS           | 1036.97046 |
| DECISIONS      | 1024.77258 |

| CONTRACTUAL   | 1009.71362 |
|---------------|------------|
| NEGLIGENCE    | 1008.14288 |
| FRAUD         | 1006.22614 |
| APPELLATE     | 1003.68182 |
| REINSURANCE   | 998.208862 |
| HEARING       | 996.033875 |
| WITNESSES     | 979.688477 |
| DISCLOSURE    | 977.463257 |
| PRESUMPTION   | 940.262146 |
| COUNSEL       | 917.103088 |
| REVIEW        | 914.585449 |
| ARBITRATION   | 913.435181 |
| EMPLOYER      | 905.397217 |
| AMENDED       | 902.486267 |
| PERSECUTION   | 901.960632 |
| PAROLE        | 899.379883 |
| DOMESTIC      | 899.247559 |
| SCHEME        | 895.321716 |
| BAILII        | 878.652771 |
| ORDERS        | 877.052856 |
| CONVICTED     | 873.508179 |
| INTENTION     | 873.116699 |
| REMEDY        | 872.550049 |
| COMPENSATION  | 872.145813 |
| TRAFFICKING   | 870.371216 |
| PREJUDICE     | 861.558838 |
| CPR           | 857.751099 |
| REQUIREMENTS  | 843.486206 |
| CONSPIRACY    | 838.205322 |
| INCOMPATIBLE  | 836.546021 |
| INVESTIGATION | 806.776733 |
| DISMISSED     | 805.609436 |
|               |            |

|                 | _          |
|-----------------|------------|
| PROPORTIONALITY | 800.885803 |
| CONTRACTING     | 791.848633 |
| SUBMITS         | 787.65509  |
| COMMISSIONER    | 787.418884 |
| HARM            | 786.077454 |
| JFS             | 781.999695 |
| WITNESS         | 778.102417 |
| SUBSTANTIVE     | 777.979797 |
| LEGITIMATE      | 776.405273 |
| PROCEDURE       | 775.552551 |
| TENANTS         | 773.978577 |
| FAIR            | 771.727661 |
| ADVOCATE        | 765.725525 |
| PROPOSITION     | 763.004028 |
| FACT            | 756.85675  |
| INCONSISTENT    | 754.004761 |
| FORFEITURE      | 740.51178  |
| CONNECTION      | 739.816162 |
| WARRANT         | 737.173157 |
| JUDGMENTS       | 734.561218 |
| VALUATION       | 725.501587 |
| CROWN           | 717.422546 |
| DETERMINATION   | 708.487671 |
| PROPORTIONATE   | 708.239014 |
| INDICTMENT      | 697.954224 |
| GROUND          | 697.223267 |
| PLAINTIFF       | 683.239563 |
| CONSIDERATIONS  | 679.011597 |
| ASSESSMENT      | 674.228088 |
| STATEMENT       | 670.859131 |
|                 |            |

## Terminus (Nazar and Cabré, 2012)

| TERMS         | WEIGHT     |
|---------------|------------|
| EVIDENCE      | 4.341E+11  |
| CLAUSE        | 2.4098E+11 |
| CIRCUMSTANCES | 1.7062E+11 |
| LAWFUL        | 1.1443E+11 |
| SENTENCE      | 1.0438E+11 |
| ARGUMENT      | 8.4395E+10 |
| WITNESSES     | 7.1605E+10 |
| DISCRETION    | 5.5265E+10 |
| LAWFULNESS    | 5.0475E+10 |
| PRESUMPTION   | 4.784E+10  |

| PURSUER     | 4.6433E+10 |
|-------------|------------|
| OBLIGATION  | 4.5921E+10 |
| ASSUMPTION  | 4.5656E+10 |
| PROVISION   | 4.4894E+10 |
| AUTHORITIES | 4.2571E+10 |
| PAYABLE     | 3.8687E+10 |
| BEHAVIOUR   | 3.6523E+10 |
| SUBMISSION  | 3.5257E+10 |
| INJUNCTION  | 3.5137E+10 |
| ACCORDANCE  | 3.0595E+10 |
| PENALTY     | 2.9433E+10 |

| JUDGMENTS       | 2.8225E+10  |
|-----------------|-------------|
| COVENANT        | 2.591E+10   |
| RETENTION       | 2.5783E+10  |
| CAUSATION       | 2.5584E+10  |
| SUBMISSIONS     | 2.3591E+10  |
|                 |             |
| JOINDER         | 2.3264E+10  |
| INFRINGEMENT    | 2.1797E+10  |
| ENACTMENT       | 2.1287E+10  |
| REQUIREMENT     | 2.0635E+10  |
| PROHIBITION     | 2.0356E+10  |
| COMPLAINT       | 1.819E+10   |
| INTERFERENCE    | 1.7525E+10  |
| DETENTION       | 1.7299E+10  |
| PROVISIONS      | 1.7004E+10  |
| OBLIGATIONS     | 1.6516E+10  |
| PROPOSITION     | 1.6505E+10  |
| JURISPRUDENCE   | 1.6399E+10  |
| INDEMNITY       | 1.628E+10   |
| SEISIN          | 1.603E+10   |
| IMPUTATION      | 1.595E+10   |
| TENANCIES       | 1.5757E+10  |
| IMPRISONMENT    | 1.5671E+10  |
| REMIT           | 1.5633E+10  |
| INABILITY       | 1.5315E+10  |
| AMBIT           | 1.5231E+10  |
| ADJUDICATION    | 1.4645E+10  |
| ASSUMPTIONS     | 1.4467E+10  |
| DISMISSAL       | 1.4269E+10  |
| CONVICTION      | 1.4221E+10  |
| APPLICANTS      | 1.3976E+10  |
| REMITTAL        | 1.364E+10   |
| PRIVACY         | 1.332E+10   |
| WARRANTY        | 1.2785E+10  |
| OBITER          | 1.2671E+10  |
| AVERMENTS       | 1.2555E+10  |
| OWNERSHIP       | 1.2543E+10  |
| SPOUSE          | 1.2195E+10  |
| INADMISSIBLE    | 1.1933E+10  |
| DEPORTATION     | 1.1824E+10  |
| DICTA           | 1.1483E+10  |
| COMITY          | 1.1427E+10  |
| REASONING       | 1.1361E+10  |
| LIABLE          | 1.1356E+10  |
| JUSTIFICATION   | 1.1295E+10  |
| COGNISANCE      | 1.1112E+10  |
| PREROGATIVE     | 1.0997E+10  |
| TILITO OTTITY L | 1.077711110 |

| INSTANCE        | 1.0809E+10 |
|-----------------|------------|
| TRESPASSER      | 1.0741E+10 |
| CONSIDERATIONS  | 1.0715E+10 |
| CREDITOR        | 1.0642E+10 |
| LEGITIMATE      | 1.0298E+10 |
| ALLEGATION      | 1.0296E+10 |
| CONJUNCTION     | 1.027E+10  |
| RELEVANCE       | 1.0087E+10 |
| TERMS           | 9915847757 |
| ENTITY          | 9774607335 |
| UNDUE           | 9703178395 |
| TRESPASSERS     | 9615022449 |
| MISFEASANCE     | 9387753592 |
| ESSENCE         | 9357656006 |
| ABIDE           | 9227638167 |
| ARGUABLE        | 9221349763 |
| ENFRANCHISEMENT | 9215991013 |
| INDICTMENT      | 9212504218 |
| NOTARY          | 9003557439 |
| DISCHARGE       | 8975964354 |
| DICTUM          | 8686269439 |
| EXPIRY          | 8666756523 |
| OBJECTION       | 8450056594 |
| MISCONDUCT      | 8448704896 |
| VIOLATION       | 8410166552 |
| TARIFF          | 8317159790 |
| REGIME          | 8105979065 |
| ENJOYMENT       | 7972251384 |
| DISMISS         | 7949027230 |
| CERTAINTY       | 7822247098 |
| REMISSION       | 7804842540 |
| REVOCATION      | 7770253419 |
| NUPTIAL         |            |
| AGREEMENT       | 7763215309 |
| TENURE          | 7721706011 |
| STATUTORY DUTY  | 7713722371 |
| FALSE           | 7546009023 |
| LEGALITY        | 7517004984 |
| JURISDICTIONS   | 7377101293 |
| SIGNIFICANCE    | 7194233887 |
| COMMITTAL       | 7129285212 |
| MOTION          | 7053415232 |
| AGENT           | 7034182349 |
| ARGUMENTS       | 6939720151 |
| APPLICABLE      | 6927901115 |
| DISCRIMINATOR   | 6810030343 |
| RECOURSE        | 6709077432 |
|                 |            |

| CAPACITY            | 6567079153 |
|---------------------|------------|
| CONTENTION          | 6562275925 |
| PURSUANCE           | 6551920798 |
| PRECLUDE            | 6495109059 |
| CONTEMPLATION       | 6400138987 |
| QUALIFY             | 6394824770 |
| ENTITLEMENT         | 6379043323 |
| DETAINEE            | 6358644578 |
| SUBSTITUTION        | 6332843693 |
| INQUESTS            | 6274645401 |
| FIXTURE             | 6261603339 |
| IRREDUCIBLE         | 6190152249 |
| ASSIGNEE            | 6173211191 |
| NOTIFICATION        | 6169807658 |
| VICARIOUS           | 6112641179 |
| CULPABILITY         | 6081884638 |
| CAUSAL              | 6077275277 |
| COMPLAINANT         | 6002287112 |
| CONSIGNEE           | 5941667645 |
| PROCEED             | 5929419118 |
| PROPRIETOR          | 5910093720 |
| ASCERTAINMENT       | 5906252900 |
| PREMISE             | 5877544718 |
| DURESS              | 5866461477 |
| ARREARS             | 5839363623 |
| INJURIES            | 5819606809 |
| ALLEGATIONS         | 5815692882 |
| DEPRIVATION         | 5751592459 |
| DENIAL              | 5734623945 |
| DWELLING            | 5714502607 |
| EXCLUDE             | 5707283864 |
| ADVICE              | 5704304397 |
| ADJUSTMENT          | 5686167071 |
| COHABITATION        | 5685346428 |
| RESTRICTION         | 5649909218 |
| FACTUAL             | 5639936135 |
| AMENDMENTS          | 5555371714 |
| PURSUIT             | 5534707984 |
| FAULT               | 5531743524 |
| CIRCUMSTANCE        | 5507258719 |
| CRIMINAL OFFENCE    | 5500545739 |
| SUITABLE            | 5485371470 |
| IRRELEVANT          | 5455179985 |
| DUDI IC AUGUS DICTI | 5393002876 |
| PUBLIC AUTHORITY    | 3373002010 |

| EXCUSE           |            |
|------------------|------------|
| CERTIFICATION    | 5373155311 |
| ADVERSE          | 5370927817 |
| DISHONESTY       | 5354468222 |
| HEREDITAMENT     | 5345809469 |
| EX TURPI         | 5299999538 |
| IMMUNITY         | 5266701725 |
| DEFENDER         | 5225341933 |
| LOCUS            | 5219165281 |
| PROROGATION      | 5194875260 |
| COLLUSION        | 5163692912 |
| ASCERTAINING     | 5125620716 |
| ATTRIBUTION      | 5086677440 |
| DISPROPORTIONATE | 5082196095 |
| INCOMPATIBILITY  | 5081480007 |
| EXPENSE          | 5038857630 |
| STATUTORY        |            |
| PROVISIONS       | 5037514781 |
| EXPULSION        | 4971130859 |
| OWE              | 4964423345 |
| UNQUALIFIED      | 4859006745 |
| LESSEE           | 4856801586 |
| COMPETENCE       | 4845301187 |
| DOMESTIC LAW     | 4828508794 |
| DILIGENCE        | 4772346867 |
| DISCUSSION       | 4758732771 |
| ASSIGNOR         | 4751146619 |
| REGARD           | 4743131546 |
| PLEAD            | 4703802631 |
| CONFORMITY       | 4694710298 |
| SECURE TENANCY   | 4650784632 |
| TRANSACTION      | 4643735332 |
| REMITTED         | 4637282493 |
| ADMISSIBLE       | 4626556365 |
| AMEND            | 4605381586 |
| POSSESSION ORDER | 4564425281 |
| CRIMINAL ACT     | 4557454015 |
| CUSTODIAL        | 4557027720 |
| TAXPAYER         | 4546474290 |
| DECIDE           | 4538349121 |
| PURSUE           | 4530188439 |
| DEVOLUTION       | 4459793603 |
| VICARIOUS        | 110801105  |
| LIABILITY        | 4407814998 |

# C-value (Frantzi et al.)

| TERMS               | WEIGHT     |
|---------------------|------------|
| COURT               | 1704.63145 |
| CASE                | 1643.8973  |
| SECTION             | 1372.89706 |
| ACT                 | 1112.81705 |
| HUMAN RIGHTS        | 1059.15024 |
| APPEAL              | 1010.80826 |
| PARA. (PARAGRAPH)   | 945.881433 |
| ARTICLE             | 867.405675 |
| LAW                 | 856.308974 |
| COMMON LAW          | 770.945365 |
| STATE               | 753.63952  |
| ORDER               | 691.520055 |
| DECISION            | 625.322923 |
| MEMBER STATE        | 587.429663 |
| QUESTION            | 565.266781 |
| LOCAL AUTHORITY     | 553.853019 |
| FACT                | 510.880296 |
| CLAIM               | 507.299529 |
| ISSUE               | 496.619524 |
| APPELLANT           | 478.427645 |
| REASON              | 456.806618 |
| RIGHT               | 434.325136 |
| JUDICIAL REVIEW     | 409.792608 |
| JUDGMENT            | 409.140172 |
| EUROPEAN COURT      | 397.114441 |
| STRASBOURG<br>COURT | 396.044051 |
| RULE                | 394.969617 |
| PROVISION           | 394.969617 |
| PARTY               | 386.451689 |
| PRINCIPLE           | 371.071026 |
| APPLICATION         | 359.173002 |
| PUBLIC AUTHORITY    | 357.991711 |
| DOMESTIC LAW        | 356.653724 |
| TERM                | 355.873722 |
| CONVENTION          | 338.959318 |
| OPINION             | 332.831099 |
| JUDGE               | 328.802384 |
| EVIDENCE            | 324.779823 |
| MATTER              | 323.984365 |
| CIRCUMSTANCE        | 322.635423 |
| PROCEEDING          | 319.232693 |
| AGREEMENT           | 317.919645 |
| AUTHORITY           | 317.575501 |
| 110111010111        | 317.373301 |

| HUMAN RIGHTS ACT    | 303.601888 |
|---------------------|------------|
| GROUND              | 296.050836 |
| COMMON GROUND       | 276.695641 |
| POWER               | 276.219736 |
| INTERNATIONAL       |            |
| LAW<br>EUROPEAN     | 271.745091 |
| CONVENTION          | 270.273305 |
| ENGLISH LAW         | 268.327143 |
| SUPREME COURT       | 261.582763 |
| HIGH COURT          | 260.498961 |
| DEFENDANT           | 260.32976  |
| DIVISIONAL COURT    | 255.662491 |
| OFFENCE             | 246.791788 |
| CHIEF CONSTABLE     | 245.451346 |
| JURISDICTION        | 241.091092 |
| RESERVED MATTER     | 240.837599 |
| DRUG TRAFFICKING    | 237.119404 |
| ARGUMENT            | 235.23517  |
| REGULATION          | 234.723804 |
| CONCLUSION          | 233.946477 |
| DUTY                | 233.410096 |
| PARAGRAPH           | 226.999042 |
| CONTRACT            | 226.774671 |
| CRIMINAL LAW        | 226.050368 |
| GRAND CHAMBER       | 224.424962 |
| SECURITY COUNCIL    | 219.276899 |
| CONFISCATION        |            |
| ORDER               | 217.556631 |
| ACTION              | 216.538214 |
| APPLICANT           | 215.408238 |
| PAROLE BOARD        | 211.937087 |
| OBLIGATION          | 208.55757  |
| DE FACTO            | 208.408767 |
| RESPONDENT          | 206.406841 |
| SENTENCE            | 197.705192 |
| FAIR TRIAL          | 196.523481 |
| ATTORNEY<br>GENERAL | 194.54326  |
| PROPERTY            | 194.34326  |
|                     |            |
| BREACH              | 188.667626 |
| POSSESSION          | 187.053491 |
| REQUIREMENT         | 185.515989 |
| RELEVANT            | 184.646834 |
| DAMAGE              | 183.003678 |
| TENANT              | 181.09476  |

| STATEMENT         178.813413           POSSESSION ORDER         176.225007           APPELLATE         173.046275           BENEFIT         169.870871           NUPTIAL         166.980735           FIRST INSTANCE         164.639258           STATUTORY         PROVISION         163.259858           NOTICE         158.81657           COUNTY COURT         156.582667           TRIAL         153.755174           DEFENCE         151.650073           TRIBUNAL         150.97505           IMMIGRATION RULE         150.710817           UNLAWFUL MEAN         149.616642           SCHEME         147.870067           GOVERNMENT         145.037754           AUTHORITIES         144.927971           FAIR COMMENT         144.859356           LIMITATION PERIOD         142.879711           ENGLISH COURT         142.361781           CARE AND         ATTENTION         141.680881           LEGISLATION         140.020277           CONTROL ORDER         139.591361           HEALTH AND         345.24555           CRIMINAL OFFENCE         132.300121           ASYLUM SEEKER         130.684806           PROC  |                  |            |
|--|------------------|------------|
| APPELLATE COMMITTEE  BENEFIT  169.870871  NUPTIAL AGREEMENT  166.980735  FIRST INSTANCE  STATUTORY PROVISION  163.259858  NOTICE  158.81657  COUNTY COURT  TS6.582667  TRIAL  150.97505  IMMIGRATION RULE  150.710817  UNLAWFUL MEAN  SCHEME  147.870067  GOVERNMENT  CRIMINAL PROCEEDING  AUTHORITIES  LIMITATION PERIOD  AUTHORITIES  LIMITATION PERIOD  ATTENTION  ATTENTION  LEGISLATION  ATTENTION  141.680881  LEGISLATION  LEGISLATION  AGREEMENT  TABAL  AUTHORITIES  AUTHORITIES  LABITRATION  ATTENTION  ATTENTION  ATTENTION  141.680881  LEGISLATION  AGREEMENT  TSATUTORY  SCHEME  135.511289  TRIAL JUDGE  TR | STATEMENT        | 178.813413 |
| COMMITTEE         173.046275           BENEFIT         169.870871           NUPTIAL         166.980735           FIRST INSTANCE         164.639258           STATUTORY         163.259858           NOTICE         158.81657           COUNTY COURT         156.582667           TRIAL         153.755174           DEFENCE         151.650073           TRIBUNAL         150.97505           IMMIGRATION RULE         150.710817           UNLAWFUL MEAN         149.616642           SCHEME         147.870067           GOVERNMENT         145.037754           AUTHORITIES         144.927971           FAIR COMMENT         144.859356           LIMITATION PERIOD         142.879711           ENGLISH COURT         142.361781           CARE AND         141.680881           LEGISLATION         140.020277           CONTROL ORDER         139.591361           HEALTH AND         SAFETY         139.069252           ARBITRATION         138.9977           STATUTORY         SCHEME         135.511289           TRIAL JUDGE         134.869055           JUSTICE         134.524555           CRIMINAL OFFENCE   |                  | 176.225007 |
| BENEFIT 169.870871 NUPTIAL AGREEMENT 166.980735 FIRST INSTANCE 164.639258 STATUTORY PROVISION 163.259858 NOTICE 158.81657 COUNTY COURT 156.582667 TRIAL 153.755174 DEFENCE 151.650073 TRIBUNAL 150.97505 IMMIGRATION RULE 150.710817 UNLAWFUL MEAN 149.616642 SCHEME 147.870067 GOVERNMENT 145.617113 CRIMINAL PROCEEDING 145.037754 AUTHORITIES 144.927971 FAIR COMMENT 144.859356 LIMITATION PERIOD 142.879711 ENGLISH COURT 142.361781 CARE AND ATTENTION 141.680881 LEGISLATION 140.020277 CONTROL ORDER 139.591361 HEALTH AND SAFETY 139.069252 ARBITRATION 138.9977 STATUTORY SCHEME 135.511289 TRIAL JUDGE 134.869055 JUSTICE 134.524555 CRIMINAL OFFENCE 132.300121 ASYLUM SEEKER 130.684806 PROCEDURE 128.39408 COMMISSIONER 128.262215 INTER ALIA 127.37633 WITNESS 123.566645 RIGHTS AND FREEDOM 123.23625 HEARING DATE 123.094773 CLAIMANT 122.003658 LIABILITY 121.750034 MATERIAL 120.444918 STRASBOURG  |                  | 4== 0===   |
| NUPTIAL         AGREEMENT         166.980735           FIRST INSTANCE         164.639258           STATUTORY         163.259858           NOTICE         158.81657           COUNTY COURT         156.582667           TRIAL         153.755174           DEFENCE         151.650073           TRIBUNAL         150.97505           IMMIGRATION RULE         150.710817           UNLAWFUL MEAN         149.616642           SCHEME         147.870067           GOVERNMENT         145.617113           CRIMINAL         PROCEEDING         145.037754           AUTHORITIES         144.927971           FAIR COMMENT         144.859356           LIMITATION PERIOD         142.879711           ENGLISH COURT         142.361781           CARE AND         141.680881           LEGISLATION         140.020277           CONTROL ORDER         139.591361           HEALTH AND         SAFETY         139.069252           ARBITRATION         AGREEMENT         138.9977           STATUTORY         SCHEME         135.511289           TRIAL JUDGE         134.869055           JUSTICE         134.524555           CRIMINAL OFFENCE </td <td></td> <td></td>   |                  |            |
| AGREEMENT 166.980735 FIRST INSTANCE 164.639258 STATUTORY PROVISION 163.259858 NOTICE 158.81657 COUNTY COURT 156.582667 TRIAL 153.755174 DEFENCE 151.650073 TRIBUNAL 150.97505 IMMIGRATION RULE 150.710817 UNLAWFUL MEAN 149.616642 SCHEME 147.870067 GOVERNMENT 145.617113 CRIMINAL PROCEEDING 145.037754 AUTHORITIES 144.927971 FAIR COMMENT 144.859356 LIMITATION PERIOD 142.879711 ENGLISH COURT 142.361781 CARE AND ATTENTION 141.680881 LEGISLATION 140.020277 CONTROL ORDER 139.591361 HEALTH AND SAFETY 139.069252 ARBITRATION AGREEMENT 138.9977 STATUTORY SCHEME 135.511289 TRIAL JUDGE 134.869055 JUSTICE 134.524555 CRIMINAL OFFENCE 132.300121 ASYLUM SEEKER 130.684806 PROCEDURE 128.39408 COMMISSIONER 128.262215 INTER ALIA 127.37633 WITNESS 123.566645 RIGHTS AND FREEDOM 123.23625 HEARING DATE 122.003658 LIABILITY 121.750034 MATERIAL 120.444918 STRASBOURG   |                  | 169.870871 |
| FIRST INSTANCE STATUTORY PROVISION  163.259858  NOTICE  158.81657  COUNTY COURT  156.582667  TRIAL  153.755174  DEFENCE  151.650073  TRIBUNAL  150.97505  IMMIGRATION RULE  150.710817  UNLAWFUL MEAN  149.616642  SCHEME  147.870067  GOVERNMENT  CRIMINAL PROCEEDING  145.037754  AUTHORITIES  144.927971  FAIR COMMENT  141.859356  LIMITATION PERIOD  142.879711  ENGLISH COURT  CARE AND ATTENTION  141.680881  LEGISLATION  AUTHORITIES  139.069252  ARBITRATION  AGREEMENT  SAFETY  139.069252  ARBITRATION  AGREEMENT  SCHEME  135.511289  TRIAL JUDGE  134.869055  JUSTICE  134.524555  CRIMINAL OFFENCE  132.300121  ASYLUM SEEKER  130.684806  PROCEDURE  128.39408  COMMISSIONER  128.262215  INTER ALIA  127.37633  WITNESS  123.566645  RIGHTS AND FREEDOM  123.23625  HEARING DATE  123.094773  CLAIMANT  122.003658  LIABILITY  121.750034  MATERIAL  STRASBOURG   |                  | 166 980735 |
| STATUTORY<br>PROVISION         163.259858           NOTICE         158.81657           COUNTY COURT         156.582667           TRIAL         153.755174           DEFENCE         151.650073           TRIBUNAL         150.97505           IMMIGRATION RULE         150.710817           UNLAWFUL MEAN         149.616642           SCHEME         147.870067           GOVERNMENT         145.617113           CRIMINAL         PROCEEDING         145.037754           AUTHORITIES         144.927971           FAIR COMMENT         144.859356           LIMITATION PERIOD         142.879711           ENGLISH COURT         142.361781           CARE AND         ATTENTION         141.680881           LEGISLATION         140.020277           CONTROL ORDER         139.591361           HEALTH AND         SAFETY         139.069252           ARBITRATION         AGREEMENT         138.9977           STATUTORY         SCHEME         135.511289           TRIAL JUDGE         134.524555           CRIMINAL OFFENCE         132.300121           ASYLUM SEEKER         130.684806           PROCEDURE         128.39408 <td< td=""><td></td><td></td></td<>   |                  |            |
| PROVISION         163.259858           NOTICE         158.81657           COUNTY COURT         156.582667           TRIAL         153.755174           DEFENCE         151.650073           TRIBUNAL         150.97505           IMMIGRATION RULE         150.710817           UNLAWFUL MEAN         149.616642           SCHEME         147.870067           GOVERNMENT         145.617113           CRIMINAL         PROCEEDING           PROCEEDING         145.037754           AUTHORITIES         144.927971           FAIR COMMENT         144.859356           LIMITATION PERIOD         142.879711           ENGLISH COURT         142.361781           CARE AND         141.680881           LEGISLATION         140.020277           CONTROL ORDER         139.591361           HEALTH AND         SAFETY           SAFETY         139.069252           ARBITRATION         AGREEMENT           AGREEMENT         138.9977           STATUTORY         SCHEME         134.524555           CRIMINAL OFFENCE         132.300121           ASYLUM SEEKER         130.684806           PROCEDURE         128.39408 <td></td> <td>104.039238</td>   |                  | 104.039238 |
| COUNTY COURT         156.582667           TRIAL         153.755174           DEFENCE         151.650073           TRIBUNAL         150.97505           IMMIGRATION RULE         150.710817           UNLAWFUL MEAN         149.616642           SCHEME         147.870067           GOVERNMENT         145.617113           CRIMINAL PROCEEDING         145.037754           AUTHORITIES         144.927971           FAIR COMMENT         144.859356           LIMITATION PERIOD         142.879711           ENGLISH COURT         142.361781           CARE AND         141.680881           LEGISLATION         140.020277           CONTROL ORDER         139.591361           HEALTH AND         139.069252           ARBITRATION         AGREEMENT         138.9977           STATUTORY         SCHEME         135.511289           TRIAL JUDGE         134.869055         JUSTICE         134.524555           CRIMINAL OFFENCE         132.300121         ASYLUM SEEKER         130.684806           PROCEDURE         128.39408         COMMISSIONER         128.262215           INTER ALIA         127.37633         WITNESS         123.566645           RI   |                  | 163.259858 |
| TRIAL 153.755174 DEFENCE 151.650073 TRIBUNAL 150.97505 IMMIGRATION RULE 150.710817 UNLAWFUL MEAN 149.616642 SCHEME 147.870067 GOVERNMENT 145.617113 CRIMINAL PROCEEDING 145.037754 AUTHORITIES 144.927971 FAIR COMMENT 142.361781 CARE AND ATTENTION 141.680881 LEGISLATION 140.020277 CONTROL ORDER 139.591361 HEALTH AND SAFETY 139.069252 ARBITRATION AGREEMENT 138.9977 STATUTORY SCHEME 134.524555 CRIMINAL OFFENCE 132.300121 ASYLUM SEEKER 130.684806 PROCEDURE 128.39408 COMMISSIONER 123.23625 HEARING DATE 123.094773 CLAIMANT 122.003658 LIABILITY 121.750034 MATERIAL 120.444918 STRASBOURG  | NOTICE           | 158.81657  |
| TRIAL 153.755174 DEFENCE 151.650073 TRIBUNAL 150.97505 IMMIGRATION RULE 150.710817 UNLAWFUL MEAN 149.616642 SCHEME 147.870067 GOVERNMENT 145.617113 CRIMINAL PROCEEDING 145.037754 AUTHORITIES 144.927971 FAIR COMMENT 142.361781 CARE AND ATTENTION 141.680881 LEGISLATION 140.020277 CONTROL ORDER 139.591361 HEALTH AND SAFETY 139.069252 ARBITRATION AGREEMENT 138.9977 STATUTORY SCHEME 134.524555 CRIMINAL OFFENCE 132.300121 ASYLUM SEEKER 130.684806 PROCEDURE 128.39408 COMMISSIONER 123.23625 HEARING DATE 123.094773 CLAIMANT 122.003658 LIABILITY 121.750034 MATERIAL 120.444918 STRASBOURG  | COUNTY COURT     | 156.582667 |
| DEFENCE         151.650073           TRIBUNAL         150.97505           IMMIGRATION RULE         150.710817           UNLAWFUL MEAN         149.616642           SCHEME         147.870067           GOVERNMENT         145.617113           CRIMINAL PROCEEDING         145.037754           AUTHORITIES         144.927971           FAIR COMMENT         144.859356           LIMITATION PERIOD         142.879711           ENGLISH COURT         142.361781           CARE AND ATTENTION         141.680881           LEGISLATION         140.020277           CONTROL ORDER         139.591361           HEALTH AND SAFETY         139.069252           ARBITRATION AGREEMENT         138.9977           STATUTORY SCHEME         135.511289           TRIAL JUDGE         134.869055           JUSTICE         134.524555           CRIMINAL OFFENCE         132.300121           ASYLUM SEEKER         130.684806           PROCEDURE         128.39408           COMMISSIONER         128.262215           INTER ALIA         127.37633           WITNESS         123.566645           RIGHTS AND         123.094773           CLAIMANT   |                  |            |
| TRIBUNAL 150.97505 IMMIGRATION RULE 150.710817 UNLAWFUL MEAN 149.616642 SCHEME 147.870067 GOVERNMENT 145.617113 CRIMINAL PROCEEDING 145.037754 AUTHORITIES 144.927971 FAIR COMMENT 144.859356 LIMITATION PERIOD 142.879711 ENGLISH COURT 142.361781 CARE AND ATTENTION 141.680881 LEGISLATION 140.020277 CONTROL ORDER 139.591361 HEALTH AND SAFETY 139.069252 ARBITRATION AGREEMENT 138.9977 STATUTORY SCHEME 135.511289 TRIAL JUDGE 134.869055 JUSTICE 134.524555 CRIMINAL OFFENCE 132.300121 ASYLUM SEEKER 130.684806 PROCEDURE 128.39408 COMMISSIONER 128.262215 INTER ALIA 127.37633 WITNESS 123.566645 RIGHTS AND FREEDOM 123.094773 CLAIMANT 122.003658 LIABILITY 121.750034 MATERIAL 120.444918 STRASBOURG   |                  |            |
| IMMIGRATION RULE         150.710817           UNLAWFUL MEAN         149.616642           SCHEME         147.870067           GOVERNMENT         145.617113           CRIMINAL         PROCEEDING         145.037754           AUTHORITIES         144.927971           FAIR COMMENT         144.859356           LIMITATION PERIOD         142.879711           ENGLISH COURT         142.361781           CARE AND         ATTENTION           ATTENTION         141.680881           LEGISLATION         140.020277           CONTROL ORDER         139.591361           HEALTH AND         SAFETY           ARBITRATION         138.9977           STATUTORY         SCHEME           TRIAL JUDGE         134.869055           JUSTICE         134.524555           CRIMINAL OFFENCE         132.300121           ASYLUM SEEKER         130.684806           PROCEDURE         128.39408           COMMISSIONER         128.262215           INTER ALIA         127.37633           WITNESS         123.566645           RIGHTS AND         FREEDOM         123.23625           HEARING DATE         123.094773           CLAIMANT </td <td></td> <td></td>   |                  |            |
| UNLAWFUL MEAN         149.616642           SCHEME         147.870067           GOVERNMENT         145.617113           CRIMINAL         PROCEEDING         145.037754           AUTHORITIES         144.927971           FAIR COMMENT         144.859356           LIMITATION PERIOD         142.879711           ENGLISH COURT         142.361781           CARE AND         ATTENTION         141.680881           LEGISLATION         140.020277           CONTROL ORDER         139.591361           HEALTH AND         SAFETY         139.069252           ARBITRATION         AGREEMENT         138.9977           STATUTORY         SCHEME         135.511289           TRIAL JUDGE         134.869055           JUSTICE         134.524555           CRIMINAL OFFENCE         132.300121           ASYLUM SEEKER         130.684806           PROCEDURE         128.39408           COMMISSIONER         128.262215           INTER ALIA         127.37633           WITNESS         123.566645           RIGHTS AND         FREEDOM         123.23625           HEARING DATE         123.094773           CLAIMANT         122.003658   |                  |            |
| SCHEME         147.870067           GOVERNMENT         145.617113           CRIMINAL         PROCEEDING         145.037754           AUTHORITIES         144.927971         FAIR COMMENT         144.859356           LIMITATION PERIOD         142.879711         ENGLISH COURT         142.361781           CARE AND         ATTENTION         141.680881         LEGISLATION         140.020277           CONTROL ORDER         139.591361         HEALTH AND         SAFETY         139.069252           ARBITRATION         AGREEMENT         138.9977         STATUTORY         SCHEME         135.511289           TRIAL JUDGE         134.869055         JUSTICE         134.524555         CRIMINAL OFFENCE         132.300121           ASYLUM SEEKER         130.684806         PROCEDURE         128.39408         COMMISSIONER         128.262215           INTER ALIA         127.37633         WITNESS         123.566645         RIGHTS AND         FREEDOM         123.23625           HEARING DATE         123.094773         CLAIMANT         122.003658         LIABILITY         121.750034           MATERIAL         120.444918         STRASBOURG         120.444918         STRASBOURG  |                  |            |
| GOVERNMENT         145.617113           CRIMINAL         PROCEEDING         145.037754           AUTHORITIES         144.927971           FAIR COMMENT         144.859356           LIMITATION PERIOD         142.879711           ENGLISH COURT         142.361781           CARE AND         141.680881           LEGISLATION         140.020277           CONTROL ORDER         139.591361           HEALTH AND         139.069252           ARBITRATION         AGREEMENT           SCHEME         135.511289           TRIAL JUDGE         134.869055           JUSTICE         134.524555           CRIMINAL OFFENCE         132.300121           ASYLUM SEEKER         130.684806           PROCEDURE         128.39408           COMMISSIONER         128.262215           INTER ALIA         127.37633           WITNESS         123.566645           RIGHTS AND         123.23625           HEARING DATE         123.094773           CLAIMANT         122.003658           LIABILITY         121.750034           MATERIAL         120.444918           STRASBOURG  |                  |            |
| CRIMINAL<br>PROCEEDING         145.037754           AUTHORITIES         144.927971           FAIR COMMENT         144.859356           LIMITATION PERIOD         142.879711           ENGLISH COURT         142.361781           CARE AND<br>ATTENTION         141.680881           LEGISLATION         140.020277           CONTROL ORDER         139.591361           HEALTH AND<br>SAFETY         139.069252           ARBITRATION<br>AGREEMENT         138.9977           STATUTORY<br>SCHEME         135.511289           TRIAL JUDGE         134.869055           JUSTICE         134.524555           CRIMINAL OFFENCE         132.300121           ASYLUM SEEKER         130.684806           PROCEDURE         128.39408           COMMISSIONER         128.262215           INTER ALIA         127.37633           WITNESS         123.566645           RIGHTS AND<br>FREEDOM         123.23625           HEARING DATE         123.094773           CLAIMANT         122.003658           LIABILITY         121.750034           MATERIAL         120.444918           STRASBOURG  |                  |            |
| PROCEEDING 145.037754 AUTHORITIES 144.927971 FAIR COMMENT 144.859356 LIMITATION PERIOD 142.879711 ENGLISH COURT 142.361781 CARE AND 141.680881 LEGISLATION 140.020277 CONTROL ORDER 139.591361 HEALTH AND SAFETY 139.069252 ARBITRATION 138.9977 STATUTORY SCHEME 135.511289 TRIAL JUDGE 134.869055 JUSTICE 134.524555 CRIMINAL OFFENCE 132.300121 ASYLUM SEEKER 130.684806 PROCEDURE 128.39408 COMMISSIONER 128.262215 INTER ALIA 127.37633 WITNESS 123.566645 RIGHTS AND FREEDOM 123.23625 HEARING DATE 123.094773 CLAIMANT 122.003658 LIABILITY 121.750034 MATERIAL 120.444918 STRASBOURG   |                  | 145.617113 |
| AUTHORITIES 144.927971 FAIR COMMENT 144.859356 LIMITATION PERIOD 142.879711 ENGLISH COURT 142.361781 CARE AND ATTENTION 141.680881 LEGISLATION 140.020277 CONTROL ORDER 139.591361 HEALTH AND SAFETY 139.069252 ARBITRATION AGREEMENT 138.9977 STATUTORY SCHEME 134.869055 JUSTICE 134.524555 CRIMINAL OFFENCE 132.300121 ASYLUM SEEKER 130.684806 PROCEDURE 128.39408 COMMISSIONER 128.262215 INTER ALIA 127.37633 WITNESS 123.566645 RIGHTS AND FREEDOM 123.23625 HEARING DATE 123.094773 CLAIMANT 122.003658 LIABILITY 121.750034 MATERIAL 120.444918 STRASBOURG  |                  | 145 037754 |
| FAIR COMMENT         144.859356           LIMITATION PERIOD         142.879711           ENGLISH COURT         142.361781           CARE AND         141.680881           LEGISLATION         140.020277           CONTROL ORDER         139.591361           HEALTH AND         139.069252           ARBITRATION         AGREEMENT           AGREEMENT         138.9977           STATUTORY         SCHEME           TRIAL JUDGE         134.869055           JUSTICE         132.300121           ASYLUM SEEKER         130.684806           PROCEDURE         128.39408           COMMISSIONER         128.262215           INTER ALIA         127.37633           WITNESS         123.566645           RIGHTS AND         123.23625           HEARING DATE         123.094773           CLAIMANT         122.003658           LIABILITY         121.750034           MATERIAL         120.4444918           STRASBOURG   |                  |            |
| LIMITATION PERIOD         142.879711           ENGLISH COURT         142.361781           CARE AND         141.680881           LEGISLATION         140.020277           CONTROL ORDER         139.591361           HEALTH AND         SAFETY           ARBITRATION         138.9977           STATUTORY         SCHEME           TRIAL JUDGE         134.869055           JUSTICE         132.300121           ASYLUM SEEKER         130.684806           PROCEDURE         128.39408           COMMISSIONER         128.262215           INTER ALIA         127.37633           WITNESS         123.566645           RIGHTS AND         123.23625           HEARING DATE         123.094773           CLAIMANT         122.003658           LIABILITY         121.750034           MATERIAL         120.444918           STRASBOURG  |                  |            |
| ENGLISH COURT  CARE AND ATTENTION  LEGISLATION  CONTROL ORDER  HEALTH AND SAFETY  ARBITRATION  AGREEMENT  STATUTORY SCHEME  TRIAL JUDGE  TRIAL JUDGE  ASYLUM SEEKER  PROCEDURE  COMMISSIONER  128.39408  COMMISSIONER  TEALIA  WITNESS  RIGHTS AND FREEDOM  PREEDOM  123.23625  HEARING DATE  CLAIMANT  122.003658  LIABILITY  MATERIAL  120.444918  STRASBOURG  |                  |            |
| CARE AND       141.680881         LEGISLATION       140.020277         CONTROL ORDER       139.591361         HEALTH AND       139.069252         ARBITRATION       138.9977         STATUTORY       135.511289         TRIAL JUDGE       134.869055         JUSTICE       132.300121         ASYLUM SEEKER       130.684806         PROCEDURE       128.39408         COMMISSIONER       128.262215         INTER ALIA       127.37633         WITNESS       123.566645         RIGHTS AND       123.23625         HEARING DATE       123.094773         CLAIMANT       122.003658         LIABILITY       121.750034         MATERIAL       120.444918         STRASBOURG  |                  |            |
| ATTENTION       141.680881         LEGISLATION       140.020277         CONTROL ORDER       139.591361         HEALTH AND       139.069252         ARBITRATION       138.9977         STATUTORY       135.511289         TRIAL JUDGE       134.869055         JUSTICE       132.300121         ASYLUM SEEKER       130.684806         PROCEDURE       128.39408         COMMISSIONER       128.262215         INTER ALIA       127.37633         WITNESS       123.566645         RIGHTS AND       123.23625         HEARING DATE       123.094773         CLAIMANT       122.003658         LIABILITY       121.750034         MATERIAL       120.444918         STRASBOURG   |                  | 142.361781 |
| LEGISLATION         140.020277           CONTROL ORDER         139.591361           HEALTH AND         139.069252           ARBITRATION         138.9977           STATUTORY         135.511289           TRIAL JUDGE         134.869055           JUSTICE         134.524555           CRIMINAL OFFENCE         132.300121           ASYLUM SEEKER         130.684806           PROCEDURE         128.39408           COMMISSIONER         128.262215           INTER ALIA         127.37633           WITNESS         123.566645           RIGHTS AND         123.23625           HEARING DATE         123.094773           CLAIMANT         122.003658           LIABILITY         121.750034           MATERIAL         120.444918           STRASBOURG  |                  | 141 680881 |
| CONTROL ORDER         139.591361           HEALTH AND         139.069252           ARBITRATION         138.9977           STATUTORY         135.511289           TRIAL JUDGE         134.869055           JUSTICE         134.524555           CRIMINAL OFFENCE         132.300121           ASYLUM SEEKER         130.684806           PROCEDURE         128.39408           COMMISSIONER         128.262215           INTER ALIA         127.37633           WITNESS         123.566645           RIGHTS AND         123.23625           HEARING DATE         123.094773           CLAIMANT         122.003658           LIABILITY         121.750034           MATERIAL         120.444918           STRASBOURG   |                  |            |
| HEALTH AND       SAFETY       139.069252         ARBITRATION       138.9977         STATUTORY       SCHEME       135.511289         TRIAL JUDGE       134.869055         JUSTICE       134.524555         CRIMINAL OFFENCE       132.300121         ASYLUM SEEKER       130.684806         PROCEDURE       128.39408         COMMISSIONER       128.262215         INTER ALIA       127.37633         WITNESS       123.566645         RIGHTS AND       123.23625         HEARING DATE       123.094773         CLAIMANT       122.003658         LIABILITY       121.750034         MATERIAL       120.444918         STRASBOURG  |                  |            |
| SAFETY       139.069252         ARBITRATION       138.9977         STATUTORY       135.511289         TRIAL JUDGE       134.869055         JUSTICE       134.524555         CRIMINAL OFFENCE       132.300121         ASYLUM SEEKER       130.684806         PROCEDURE       128.39408         COMMISSIONER       128.262215         INTER ALIA       127.37633         WITNESS       123.566645         RIGHTS AND       123.23625         HEARING DATE       123.094773         CLAIMANT       122.003658         LIABILITY       121.750034         MATERIAL       120.444918         STRASBOURG  |                  | 139.391301 |
| ARBITRATION         AGREEMENT       138.9977         STATUTORY       135.511289         TRIAL JUDGE       134.869055         JUSTICE       134.524555         CRIMINAL OFFENCE       132.300121         ASYLUM SEEKER       130.684806         PROCEDURE       128.39408         COMMISSIONER       128.262215         INTER ALIA       127.37633         WITNESS       123.566645         RIGHTS AND       123.23625         HEARING DATE       123.094773         CLAIMANT       122.003658         LIABILITY       121.750034         MATERIAL       120.444918         STRASBOURG  |                  | 139.069252 |
| STATUTORY       SCHEME       135.511289         TRIAL JUDGE       134.869055         JUSTICE       134.524555         CRIMINAL OFFENCE       132.300121         ASYLUM SEEKER       130.684806         PROCEDURE       128.39408         COMMISSIONER       128.262215         INTER ALIA       127.37633         WITNESS       123.566645         RIGHTS AND       123.23625         HEARING DATE       123.094773         CLAIMANT       122.003658         LIABILITY       121.750034         MATERIAL       120.444918         STRASBOURG  | ARBITRATION      |            |
| SCHEME       135.511289         TRIAL JUDGE       134.869055         JUSTICE       134.524555         CRIMINAL OFFENCE       132.300121         ASYLUM SEEKER       130.684806         PROCEDURE       128.39408         COMMISSIONER       128.262215         INTER ALIA       127.37633         WITNESS       123.566645         RIGHTS AND       123.23625         HEARING DATE       123.094773         CLAIMANT       122.003658         LIABILITY       121.750034         MATERIAL       120.444918         STRASBOURG  |                  | 138.9977   |
| TRIAL JUDGE 134.869055  JUSTICE 134.524555  CRIMINAL OFFENCE 132.300121  ASYLUM SEEKER 130.684806  PROCEDURE 128.39408  COMMISSIONER 128.262215  INTER ALIA 127.37633  WITNESS 123.566645  RIGHTS AND FREEDOM 123.23625  HEARING DATE 123.094773  CLAIMANT 122.003658  LIABILITY 121.750034  MATERIAL 120.444918  STRASBOURG   |                  | 125 511200 |
| JUSTICE         134.524555           CRIMINAL OFFENCE         132.300121           ASYLUM SEEKER         130.684806           PROCEDURE         128.39408           COMMISSIONER         128.262215           INTER ALIA         127.37633           WITNESS         123.566645           RIGHTS AND         123.23625           HEARING DATE         123.094773           CLAIMANT         122.003658           LIABILITY         121.750034           MATERIAL         120.444918           STRASBOURG   |                  |            |
| CRIMINAL OFFENCE         132.300121           ASYLUM SEEKER         130.684806           PROCEDURE         128.39408           COMMISSIONER         128.262215           INTER ALIA         127.37633           WITNESS         123.566645           RIGHTS AND         123.23625           HEARING DATE         123.094773           CLAIMANT         122.003658           LIABILITY         121.750034           MATERIAL         120.444918           STRASBOURG  |                  |            |
| ASYLUM SEEKER 130.684806 PROCEDURE 128.39408 COMMISSIONER 128.262215 INTER ALIA 127.37633 WITNESS 123.566645 RIGHTS AND FREEDOM 123.23625 HEARING DATE 123.094773 CLAIMANT 122.003658 LIABILITY 121.750034 MATERIAL 120.444918 STRASBOURG  |                  |            |
| PROCEDURE         128.39408           COMMISSIONER         128.262215           INTER ALIA         127.37633           WITNESS         123.566645           RIGHTS AND         123.23625           HEARING DATE         123.094773           CLAIMANT         122.003658           LIABILITY         121.750034           MATERIAL         120.444918           STRASBOURG   | CRIMINAL OFFENCE |            |
| COMMISSIONER         128.262215           INTER ALIA         127.37633           WITNESS         123.566645           RIGHTS AND         123.23625           HEARING DATE         123.094773           CLAIMANT         122.003658           LIABILITY         121.750034           MATERIAL         120.444918           STRASBOURG   | ASYLUM SEEKER    | 130.684806 |
| INTER ALIA       127.37633         WITNESS       123.566645         RIGHTS AND       123.23625         HEARING DATE       123.094773         CLAIMANT       122.003658         LIABILITY       121.750034         MATERIAL       120.444918         STRASBOURG   | PROCEDURE        | 128.39408  |
| WITNESS RIGHTS AND FREEDOM 123.23625 HEARING DATE 123.094773 CLAIMANT 122.003658 LIABILITY 121.750034 MATERIAL STRASBOURG  | COMMISSIONER     | 128.262215 |
| RIGHTS AND FREEDOM 123.23625 HEARING DATE 123.094773 CLAIMANT 122.003658 LIABILITY 121.750034 MATERIAL 120.444918 STRASBOURG   | INTER ALIA       | 127.37633  |
| FREEDOM       123.23625         HEARING DATE       123.094773         CLAIMANT       122.003658         LIABILITY       121.750034         MATERIAL       120.444918         STRASBOURG  | WITNESS          | 123.566645 |
| HEARING DATE       123.094773         CLAIMANT       122.003658         LIABILITY       121.750034         MATERIAL       120.444918         STRASBOURG  |                  |            |
| CLAIMANT         122.003658           LIABILITY         121.750034           MATERIAL         120.444918           STRASBOURG  |                  |            |
| LIABILITY 121.750034  MATERIAL 120.444918  STRASBOURG  | HEARING DATE     | 123.094773 |
| MATERIAL 120.444918<br>STRASBOURG  | CLAIMANT         | 122.003658 |
| STRASBOURG   | LIABILITY        | 121.750034 |
|  | MATERIAL         | 120.444918 |
| JURISPRUDENCE 119.494372   |                  | 440 1015   |
|  | JURISPRUDENCE    | 119.494372 |

| DEPUTY JUDGE               | 118.813215 |
|----------------------------|------------|
| GENERAL RULE               | 118.50739  |
| INPUT TAX                  | 118.430933 |
| PRIVY COUNCIL              | 117.564428 |
| ENTRY CLEARANCE            | 117.408329 |
| SPECIAL ADVOCATE           | 115.423649 |
| NATIONAL LAW               | 114.990396 |
| PROPRIETARY                | 112 262061 |
| ESTOPPEL                   | 113.363961 |
| CONDUCT                    | 112.550384 |
| CLAUSE<br>SECURITY COUNCIL | 112.053188 |
| RESOLUTION                 | 108.953903 |
| CHIEF PLEA                 | 107.038933 |
| LIFE SENTENCE              | 106.133219 |
| ASYLUM                     | 105.52197  |
| NATIONAL COURT             | 104.684076 |
| REVIEW                     | 103.957247 |
| RELEVANT CHARGE            | 103.827765 |
| CASE LAW                   | 103.526718 |
| EUROPEAN ARREST            |            |
| WARRANT                    | 103.29926  |
| DISTRICT JUDGE             | 102.510363 |
| LEAVE                      | 102.409569 |
| POSSESSION<br>PROCEEDING   | 102.173527 |
| LEGITIMATE AIM             | 101.901064 |
| STATUTE                    | 99.6821522 |
| CRIME                      | 98.3522868 |
| ACCOMMODATION              | 97.9723877 |
| ANONYMITY ORDER            | 96.9772731 |
| EXTRADITION                | 96.6453338 |
| CRIMINAL                   | 95.8484439 |
| CHARGE                     | 95.6606922 |
| LOSS OR DAMAGE             | 95.2156459 |
| DIRECTIVE                  | 94.840907  |
| EMPLOYER                   | 94.8267722 |
| EXCEPTIONAL                | ye207722   |
| CIRCUMSTANCE               | 94.6529991 |
| FRESH CLAIM                | 94.1942609 |
| DISCRIMINATION             | 93.1667693 |
| HEARING                    | 92.1509329 |
| LANDLORD                   | 91.9127213 |
| ASSET                      | 91.8399785 |
| APPEAL COURT               | 91.4112486 |
| PROSECUTION                | 90.4156791 |
| CONSTRUCTION               | 90.3054392 |
| REASONABLE                 | 90.2251337 |
| FUNDAMENTAL                | 89.9127035 |
|                            |            |

| RIGHT            |            |
|------------------|------------|
| POINTE GOURDE    |            |
| PRINCIPLE        | 89.7747519 |
| STATUTORY        | 89.1563388 |
| INTERPRETATION   | 88.9339601 |
| CRIMINAL JUSTICE | 88.5953013 |
| INVESTIGATION    | 88.5522693 |
| REFUGEE          |            |
| CONVENTION       | 88.3071196 |
| RELEVANT         |            |
| PROVISION        | 87.7719249 |
| NOTIFICATION     |            |
| REQUIREMENT      | 87.0073611 |
| POINTE GOURDE    | 85.784059  |
| IMMIGRATION      | 85.4384484 |
| REASONING        | 85.4039128 |
| LAW COMMISSION   | 84.3823587 |
| CONVICTION       | 84.0945537 |
| ANONYMOUS        |            |
| WITNESS          | 82.9551729 |
| REFUGEE          | 82.4712461 |

| COMPULSORY      |            |
|-----------------|------------|
| ACQUISITION     | 82.182114  |
| PRIMA FACIE     | 81.6312703 |
| ANTE-NUPTIAL    |            |
| AGREEMENT       | 81.3495889 |
| MATERIAL        |            |
| CONSIDERATION   | 80.2791996 |
| PUBLIC          |            |
| AUTHORITIES     | 79.7440049 |
| TERMS AND       |            |
| CONDITION       | 78.3488743 |
| SPECIAL         |            |
| CIRCUMSTANCE    | 78.1384209 |
| LEGITIMATE      |            |
| EXPECTATION     | 77.8708236 |
| LEGAL ADVICE    | 77.1869638 |
| COUNSEL         | 77.1534602 |
| JUDGMENT GIVEN  | 77.0680316 |
| FACTS AND ISSUE | 76.7166061 |
| ARREST WARRANT  | 76.6787991 |
| SUBJECT MATTER  | 76.6398759 |

# Termextractor (Sclano and Velardi, 2007)

| TERMS               | WEIGHT     |
|---------------------|------------|
| HEARING DATE        | 0.8766511  |
| APPELLANT           | 0.8734046  |
| EUROPEAN CONVENTION | 0.82952935 |
| RESPONDENT          | 0.8214324  |
| COMMON GROUND       | 0.7956776  |
| ALLEGED             | 0.7838367  |
| STATUTORY PROVISION | 0.78352034 |
| APPLICANT           | 0.78305364 |
| PROCEDURAL          | 0.77347255 |
| REASONING           | 0.7733148  |
| WRITTEN SUBMISSION  | 0.7696053  |
| DEFENDANT           | 0.769381   |
| DOMESTIC LAW        | 0.76807594 |
| LEGISLATION         | 0.76640904 |
| ADMINISTRATIVE      | 0.7623122  |
| APPELLATE           | 0.758357   |
| COUNSEL             | 0.75561565 |
| SOLICITOR           | 0.75396097 |
| PARAS. (PARAGRAPHS) | 0.74662244 |
| TRIAL JUDGE         | 0.74570477 |
| DECLARATION OF      |            |
| INCOMPATIBILITY     | 0.7452041  |
| JURISPRUDENCE       | 0.7436813  |

| MUTATIS MUTANDIS       | 0.74209946   |
|------------------------|--------------|
|                        | 011 12077 10 |
| PREMISE                | 0.74111587   |
| CLAIMANT               | 0.7396065    |
| BREACH OF ARTICLE      | 0.7392017    |
| JUDICIAL REVIEW        | 0.7383706    |
| ENTITLEMENT            | 0.73815125   |
| AMENDMENT              | 0.733228     |
| COURT OF APPEAL        | 0.7318615    |
| LEADING JUDGEMENT      | 0.7260009    |
| INQUIRY                | 0.7246992    |
| CRIMINAL OFFENCE       | 0.7234405    |
| VIOLATION OF ARTICLE   | 0.71955585   |
| REASONED               | 0.71740055   |
| QUESTION OF FACT       | 0.7169511    |
| EXCEPTIONAL            |              |
| CIRCUMSTANCE           | 0.71629256   |
| ORDINARY MEANING       | 0.7153073    |
| FINDING OF FACT        | 0.71429193   |
| JUDICIAL DECISION      | 0.71283436   |
| CENTRAL ISSUE          | 0.71115977   |
| REQUIREMENT OF ARTICLE | 0.710623     |
| GROUND OF APPEAL       | 0.71027756   |
| STATUTORY POWER        | 0.7097792    |
| PRIMA FACIE            | 0.7059722    |

| DULING              | 0.7059605  |
|---------------------|------------|
| RULING              | 0.7058605  |
| PUBLIC AUTHORITY    | 0.7034754  |
| MATTER OF PRINCIPLE | 0.7022409  |
| CLAUSE              | 0.7020176  |
| ALLEGATION          | 0.7018192  |
| NATIONAL COURT      | 0.7005917  |
| JURISDICTION        | 0.69970083 |
| DOMESTIC COURT      | 0.69937414 |
| ORAL ARGUMENT       | 0.69914114 |
| CONSENT             | 0.6989916  |
| STATUTORY SCHEME    | 0.6988523  |
| WITNESS STATEMENT   | 0.69809383 |
| IMPRISONMENT        | 0.69573575 |
| STATUTE             | 0.6929306  |
| ADVISER             | 0.69230694 |
| LEGITIMATE AIM      | 0.6919335  |
| ASSERTION           | 0.6909509  |
| TENANT              | 0.690775   |
| LITIGATION          | 0.6902687  |
| CONSEQUENT          | 0.6901087  |
| STATUTORY DUTY      | 0.68993646 |
| SUBSIDIARY          | 0.68993205 |
| CIVIL PROCEEDING    | 0.68946004 |
| PLEA                | 0.68812364 |
| PROSECUTOR          | 0.6875431  |
| RELEVANCE           | 0.68743384 |
| DISCLOSURE          | 0.6874094  |
| INSTANCE            | 0.68708616 |
| ACCUSED             | 0.6861996  |
| EXPRESS PROVISION   | 0.6859706  |
| DECISION-MAKING     | 0.0037700  |
| PROCESS             | 0.685206   |
| INVESTIGATION       | 0.68454194 |
| REVENUE             | 0.68373346 |
| INFERENCE           | 0.68370485 |
| PROSECUTING         | 0.68352455 |
| CONTRACTING         | 0.6829005  |
| CERTAINTY           | 0.68264705 |
| IDENTIFIABLE        | 0.68239766 |
| BURDEN OF PROOF     | 0.68144417 |
| IMMIGRATION         | 0.6803734  |
| CRIMINAL PROCEEDING | 0.67985916 |
| ASYLUM SEEKER       | 0.678483   |
| AMBIT               | 0.67680043 |
| ENACTED             | 0.6746165  |
| INTERNATIONAL LAW   | 0.6743448  |
| CRIMINAL CONDUCT    | 0.6730207  |
|                     | 5.5.50207  |

| STATEMENT OF FACT   | 0.6701049  |
|---------------------|------------|
| AMBIT OF SECTION    | 0.66928416 |
| FACTUAL BASIS       | 0.6684911  |
| WORDING             | 0.6680128  |
| ORAL SUBMISSION     | 0.66800904 |
| EUROPEAN COURT      | 0.6675826  |
| CRIMINAL TRIAL      | 0.6675294  |
| ADJUDICATOR         | 0.66713107 |
| MANDATORY           | 0.66706246 |
| INJUSTICE           | 0.6669288  |
| ORAL EVIDENCE       | 0.6656444  |
| WIDE MEANING        | 0.66525626 |
| LIMITATION PERIOD   | 0.66436666 |
| INTERIM             | 0.6634462  |
| INTERVENER          | 0.6625426  |
| SUPERVISION         | 0.662202   |
| COMPELLING REASON   | 0.66153353 |
| ENFORCEABLE         | 0.6612625  |
| ISSUE OF PRINCIPLE  | 0.6610027  |
| STANDARD OF PROOF   | 0.6609384  |
| FACTUAL BACKGROUND  | 0.66023993 |
| LANDLORD            | 0.6601711  |
| ENFORCEMENT         | 0.66011816 |
| LEGAL SYSTEM        | 0.658957   |
| MAGISTRATE          | 0.65863883 |
| AMBIT OF ARTICLE    | 0.65770876 |
| UNFAIR              | 0.65752345 |
| PERSUASIVE          | 0.65597165 |
| COUNTY COURT        | 0.6555662  |
| RISK OF HARM        | 0.65396476 |
| SUITABILITY         | 0.65378207 |
| MEMBER STATE        | 0.65359306 |
| ENGLISH LAW         | 0.65309894 |
| APPELLATE COMMITTEE | 0.6529512  |
| DECEASED            | 0.65161127 |
| PETITION            | 0.65021    |
| INCONSISTENCY       | 0.64739084 |
| PRACTITIONER        | 0.6469096  |
| PERMIT              | 0.64683723 |
| DISSENTING OPINION  | 0.64628696 |
| CUSTODIAL SENTENCE  | 0.6460633  |
| CRIMINAL ACTIVITY   | 0.64590555 |
| DEGRADING TREATMENT | 0.6452102  |
| TREATY              | 0.6447396  |
| ADMISSIBILITY       | 0.6446799  |
| SURROUNDING         | 0.0770177  |
| CIRCUMSTANCE        | 0.64453304 |

| CRIMINAL CHARGE                | 0.6440158  |
|--------------------------------|------------|
| ORAL HEARING                   | 0.6438487  |
| EXTRADITION                    | 0.6436387  |
| PRELIMINARY ISSUE              | 0.6435879  |
| QBD                            | 0.64357597 |
| SPOUSE                         | 0.6431005  |
| CERTIFIED                      | 0.64305156 |
| FACT-FINDING                   | 0.6422165  |
| ISSUE OF FACT                  | 0.642073   |
| INFRINGEMENT                   | 0.6415607  |
| DEPRIVATION OF LIBERTY         | 0.6409908  |
| INTENT                         | 0.6409419  |
| ILLEGITIMATE                   | 0.6408357  |
| TRANSACTION                    | 0.6404267  |
| TENANCY                        | 0.6401971  |
| LEGAL PROCEEDING               | 0.639156   |
| MEMBERSHIP                     | 0.6378892  |
| CONCURRENT                     | 0.63753384 |
| CONTRACTUAL                    |            |
| OBLIGATION                     | 0.63674057 |
| CATEGORY OF PERSON             | 0.63673466 |
| CRIMINAL ACT                   | 0.63639355 |
| DECLARATORY RELIEF             | 0.6358489  |
| ALLEGEDLY                      | 0.63565975 |
| ASYLUM CLAIM                   | 0.63484645 |
| ADJUDICATION                   | 0.6334796  |
| JUSTICE SYSTEM                 | 0.6328674  |
| ENGLISH COURT                  | 0.6323865  |
| DOCUMENTATION                  | 0.6323153  |
| BALANCING EXERCISE             | 0.63227826 |
| CHANGE OF                      | 0.62227255 |
| CIRCUMSTANCE                   | 0.63227355 |
| CERTIFIED QUESTION SUBORDINATE | 0.6310944  |
| LEGISLATION                    | 0.63059807 |

|                              | 1          |
|------------------------------|------------|
| MARGIN OF APPRECIATION (MOA) | 0.62020024 |
| SENTENCE OF                  | 0.63030034 |
| IMPRISONMENT                 | 0.6299473  |
| PARAMOUNT                    |            |
| CONSIDERATION                | 0.6292698  |
| REASONABLE DOUBT             | 0.62912965 |
| AVOIDANCE OF DOUBT           | 0.6279483  |
| REFUSAL OF LEAVE             | 0.6278775  |
| SECURITY OF TENURE           | 0.6274126  |
| CONTRACTING PARTY            | 0.62701553 |
| ADMISSIBILITY DECISION       | 0.6249697  |
| UNLAWFUL ACT                 | 0.62457865 |
| SKELETON ARGUMENT            | 0.62452304 |
| SEXUAL ASSAULT               | 0.6226731  |
| LEGAL POSITION               | 0.62260467 |
| LEGAL ADVISER                | 0.62259203 |
| REASONABLE GROUND            | 0.6217673  |
| LOCAL HOUSING                |            |
| AUTHORITY                    | 0.62032735 |
| BREACH OF CONTRACT           | 0.6202623  |
| PRIVY COUNCIL                | 0.6172742  |
| CLAIM FORM                   | 0.6172292  |
| PARENTAL                     | 0.51501515 |
| RESPONSIBILITY               | 0.61704516 |
| PRINCIPLED BASIS             | 0.6163145  |
| LEGAL PRINCIPLE              | 0.6160962  |
| CRIMINAL LAW                 | 0.6154744  |
| LEGISLATIVE HISTORY          | 0.6147502  |
| PROCEDURAL FAIRNESS          | 0.6147446  |
| ULTRA VIRES                  | 0.6146327  |
| DRAFTING HISTORY             | 0.61326534 |
| PRELIMINARY POINT            | 0.6119381  |
| ESSENTIAL POINT              | 0.61136866 |
| DUTY OF CARE                 | 0.6112761  |

# Textract (Park et al., 2002)

| TERMS         | WEIGHT     |
|---------------|------------|
| RIGHTS        | 1100.88565 |
| CONTROLEE     | 6.33182093 |
| HLR           | 5.75157662 |
| LLP           | 5.68523377 |
| APPELLANT     | 5.56934907 |
| DISCRIMINATOR | 5.5277393  |
| IAT           | 5.51335255 |
| HDC           | 5.50669104 |

| SEISED            | 5.49358837 |
|-------------------|------------|
| PARA. (PARAGRAPH) | 5.47476774 |
| CHARTERPARTY      | 5.42970234 |
| SCR               | 5.27416342 |
| DEPORTEE          | 5.25045524 |
| MISFEASANCE       | 5.06585248 |
| WAYLEAVE          | 5.04962604 |
| AVERMENT          | 5.04024155 |
| REDELIVERY        | 5.01845348 |

| LAWFULNESS        | 4.99923095             |
|-------------------|------------------------|
| GAK               | 4.99923093             |
| NASS              |                        |
| CHARTERER         | 4.9582435<br>4.9298921 |
| DEROGATING        | 4.84319792             |
|                   |                        |
| CIRCUMSTANCE      | 4.82501304             |
| BCLC              | 4.69097044             |
| TRAVAUX           | 4.67241417             |
| IMPERMISSIBLE     | 4.67034074             |
| PROCEEDING        | 4.65835179             |
| CONSPIRATOR       | 4.64803274             |
| RESPONDENT        | 4.62451452             |
| JOINDER           | 4.57833416             |
| UNCONSCIONABILITY | 4.57019564             |
| JURISPRUDENCE     | 4.56937614             |
| CLAIMANT          | 4.56911896             |
| REPRESENTEE       | 4.50437927             |
| PURSUER           | 4.47524885             |
| DPA               | 4.42319183             |
| ESTOPPEL          | 4.40652866             |
| SEISIN            | 4.40431188             |
| CASSATION         | 4.38181409             |
| DISAPPLICATION    | 4.37780543             |
| DETAINEE          | 4.3719146              |
| OVERSUBSCRIPTION  | 4.37008721             |
| СРО               | 4.33601528             |
| EXTRADITION       | 4.28797425             |
| FORESEEABILITY    | 4.21870788             |
| NULLIFICATION     | 4.20167956             |
| CONFISCATION      | 4.192229               |
| SEEKER            | 4.17153502             |
| UNLAWFULNESS      | 4.11560018             |
| TORTFEASOR        | 4.04040582             |
| PROROGATION       | 4.03759016             |
| PRESENTMENT       | 3.93544873             |
| DANGEROUSNESS     | 3.92737812             |
| COGNIZABLE        | 3.92083592             |
| CONTUMACY         | 3.92083592             |
| НОТСНРОТ          | 3.92083592             |
| PROPORTIONALITY   | 3.90953982             |
| CIF               | 3.89753692             |
| AVER              | 3.8968065              |
| APPLICANT         | 3.89518239             |
| DISENTITLE        | 3.85846467             |
| ADOPTER           | 3.82963791             |
| INTERLOCUTOR      | 3.81806488             |
|                   | 2.01000100             |

| OVERPAYMENT         3.81537536           COMPARATOR         3.80045084           TRESPASSER         3.78559793           SUBSECTION         3.77129242           JURE         3.73048635           DISAPPLY         3.72501922           IRREBUTTABLE         3.72015533           REBUTTABLE         3.7157473           ALLEGATION         3.71326204           JUSTICIARY         3.67684661           INTENDMENT         3.67684661           INTENDMENT         3.67653486           DISJUNCTIVELY         3.65223106           FORFEITURE         3.64643783           PAROLE         3.63391657           WRONGDOER         3.62134736           CONSIGNOR         3.56245953           ACTIONABILITY         3.55591733           DETERMINATIVE         3.54334143           FRAUDSTER         3.53585043           JUDGMENT         3.52682324           ADMISSIBILITY         3.51477961           JURISDICTION         3.51167644           EJECTMENT         3.50707561           COMITY         3.5013808           DECLARATORY         3.49766982           FLAGRANT         3.4878474           PATENTE  |                |            |
|---|----------------|------------|
| TRESPASSER         3.78559793           SUBSECTION         3.77129242           JURE         3.73048635           DISAPPLY         3.72501922           IRREBUTTABLE         3.72015533           REBUTTABLE         3.7157473           ALLEGATION         3.71326204           JUSTICIARY         3.70119514           HEREDITAMENT         3.67684661           INTENDMENT         3.637653486           DISJUNCTIVELY         3.65223106           FORFEITURE         3.64643783           PAROLE         3.63739447           COMPLAINER         3.63391657           WRONGDOER         3.62134736           CONSIGNOR         3.56245953           ACTIONABILITY         3.55591733           DETERMINATIVE         3.54757769           LEASEHOLDER         3.54334143           FRAUDSTER         3.53585043           JUDGMENT         3.52682324           ADMISSIBILITY         3.51167644           EJECTMENT         3.5013808           DECLARATORY         3.49766982           FLAGRANT         3.48788474           PATENTEE         3.4834512           FREEHOLDER         3.482147           COUNTE  | OVERPAYMENT    | 3.81537536 |
| SUBSECTION         3.77129242           JURE         3.73048635           DISAPPLY         3.72501922           IRREBUTTABLE         3.72015533           REBUTTABLE         3.7157473           ALLEGATION         3.71326204           JUSTICIARY         3.70119514           HEREDITAMENT         3.67684661           INTENDMENT         3.67653486           DISJUNCTIVELY         3.65223106           FORFEITURE         3.64643783           PAROLE         3.63739447           COMPLAINER         3.63391657           WRONGDOER         3.62134736           CONSIGNOR         3.56245953           ACTIONABILITY         3.55591733           DETERMINATIVE         3.54334143           FRAUDSTER         3.53585043           JUDGMENT         3.52682324           ADMISSIBILITY         3.51167644           EJECTMENT         3.50707561           COMITY         3.5013808           DECLARATORY         3.49766982           FLAGRANT         3.4878474           PATENTEE         3.483412           FREEHOLDER         3.4681231           TRAFFICKING         3.46843105           ACTIONABLE </td <td>COMPARATOR</td> <td>3.80045084</td> | COMPARATOR     | 3.80045084 |
| JURE         3.73048635           DISAPPLY         3.72501922           IRREBUTTABLE         3.72015533           REBUTTABLE         3.7157473           ALLEGATION         3.71326204           JUSTICIARY         3.70119514           HEREDITAMENT         3.67684661           INTENDMENT         3.67653486           DISJUNCTIVELY         3.65223106           FORFEITURE         3.64643783           PAROLE         3.63739447           COMPLAINER         3.63391657           WRONGDOER         3.62134736           CONSIGNOR         3.56245953           ACTIONABILITY         3.55591733           DETERMINATIVE         3.54757769           LEASEHOLDER         3.54334143           FRAUDSTER         3.52682324           ADMISSIBILITY         3.51167644           EJECTMENT         3.50707561           COMITY         3.5013808           DECLARATORY         3.49766982           FLAGRANT         3.48788474           PATENTEE         3.4834512           FREEHOLDER         3.4681231           TRAFFICKING         3.4681231           TRAFFICKING         3.4490584           PROBATIV  | TRESPASSER     | 3.78559793 |
| DISAPPLY         3.72501922           IRREBUTTABLE         3.72015533           REBUTTABLE         3.7157473           ALLEGATION         3.71326204           JUSTICIARY         3.70119514           HEREDITAMENT         3.67684661           INTENDMENT         3.67653486           DISJUNCTIVELY         3.65223106           FORFEITURE         3.64643783           PAROLE         3.63739447           COMPLAINER         3.63391657           WRONGDOER         3.62134736           CONSIGNOR         3.56245953           ACTIONABILITY         3.55591733           DETERMINATIVE         3.54334143           FRAUDSTER         3.53585043           JUDGMENT         3.52682324           ADMISSIBILITY         3.51477961           JURISDICTION         3.51167644           EJECTMENT         3.5013808           DECLARATORY         3.49766982           FLAGRANT         3.48788474           PATENTEE         3.4834512           FREEHOLDER         3.46412331           TRAFFICKING         3.46412331           TRAFFICKING         3.46412331           TRAFFICKING         3.45044454  | SUBSECTION     | 3.77129242 |
| IRREBUTTABLE         3.72015533           REBUTTABLE         3.7157473           ALLEGATION         3.71326204           JUSTICIARY         3.70119514           HEREDITAMENT         3.67684661           INTENDMENT         3.67653486           DISJUNCTIVELY         3.65223106           FORFEITURE         3.64643783           PAROLE         3.63739447           COMPLAINER         3.63391657           WRONGDOER         3.62134736           CONSIGNOR         3.56245953           ACTIONABILITY         3.55591733           DETERMINATIVE         3.54757769           LEASEHOLDER         3.53585043           JUDGMENT         3.52682324           ADMISSIBILITY         3.51477961           JURISDICTION         3.51167644           EJECTMENT         3.5013808           DECLARATORY         3.49766982           FLAGRANT         3.48788474           PATENTEE         3.4834512           FREEHOLDER         3.46843105           ACTIONABLE         3.46412331           TRAFFICKING         3.45044454           ASSIGNOR         3.4490584           PROBATIVE         3.44022726           <  | JURE           | 3.73048635 |
| REBUTTABLE         3.7157473           ALLEGATION         3.71326204           JUSTICIARY         3.70119514           HEREDITAMENT         3.67684661           INTENDMENT         3.67653486           DISJUNCTIVELY         3.65223106           FORFEITURE         3.64643783           PAROLE         3.63391657           WRONGDOER         3.62134736           CONSIGNOR         3.56245953           ACTIONABILITY         3.55591733           DETERMINATIVE         3.54757769           LEASEHOLDER         3.54334143           FRAUDSTER         3.53585043           JUDGMENT         3.52682324           ADMISSIBILITY         3.51477961           JURISDICTION         3.51167644           EJECTMENT         3.50707561           COMITY         3.5013808           DECLARATORY         3.49766982           FLAGRANT         3.4878474           PATENTEE         3.4834512           FREEHOLDER         3.46412331           TRAFFICKING         3.4643231           TRAFFICKING         3.446412331           TRAFFICKING         3.4490584           PROBATIVE         3.44022726           P  | DISAPPLY       | 3.72501922 |
| ALLEGATION         3.71326204           JUSTICIARY         3.70119514           HEREDITAMENT         3.67684661           INTENDMENT         3.67653486           DISJUNCTIVELY         3.65223106           FORFEITURE         3.64643783           PAROLE         3.63739447           COMPLAINER         3.63391657           WRONGDOER         3.62134736           CONSIGNOR         3.56245953           ACTIONABILITY         3.55591733           DETERMINATIVE         3.54757769           LEASEHOLDER         3.54334143           FRAUDSTER         3.53585043           JUDGMENT         3.52682324           ADMISSIBILITY         3.51477961           JURISDICTION         3.51167644           EJECTMENT         3.5013808           DECLARATORY         3.49766982           FLAGRANT         3.48788474           PATENTEE         3.4834512           FREEHOLDER         3.46843105           ACTIONABLE         3.46412331           TRAFFICKING         3.45044454           ASSIGNOR         3.4490584           PROBATIVE         3.44022726           PURSUANT         3.4375596           JU  | IRREBUTTABLE   | 3.72015533 |
| JUSTICIARY         3.70119514           HEREDITAMENT         3.67684661           INTENDMENT         3.67653486           DISJUNCTIVELY         3.65223106           FORFEITURE         3.64643783           PAROLE         3.63739447           COMPLAINER         3.63391657           WRONGDOER         3.62134736           CONSIGNOR         3.56245953           ACTIONABILITY         3.55591733           DETERMINATIVE         3.54757769           LEASEHOLDER         3.54334143           FRAUDSTER         3.53585043           JUDGMENT         3.52682324           ADMISSIBILITY         3.51477961           JURISDICTION         3.51167644           EJECTMENT         3.50707561           COMITY         3.5013808           DECLARATORY         3.49766982           FLAGRANT         3.48788474           PATENTEE         3.4834512           FREEHOLDER         3.46843105           ACTIONABLE         3.46412331           TRAFFICKING         3.4464231           TRAFFICKING         3.4490584           PROBATIVE         3.44022726           PURSUANT         3.4375596           JUST  | REBUTTABLE     | 3.7157473  |
| HEREDITAMENT         3.67684661           INTENDMENT         3.67653486           DISJUNCTIVELY         3.65223106           FORFEITURE         3.64643783           PAROLE         3.63739447           COMPLAINER         3.63391657           WRONGDOER         3.62134736           CONSIGNOR         3.55245953           ACTIONABILITY         3.55591733           DETERMINATIVE         3.54757769           LEASEHOLDER         3.54334143           FRAUDSTER         3.53585043           JUDGMENT         3.52682324           ADMISSIBILITY         3.51477961           JURISDICTION         3.51167644           EJECTMENT         3.50707561           COMITY         3.5013808           DECLARATORY         3.49766982           FLAGRANT         3.4878474           PATENTEE         3.4834512           FREEHOLDER         3.4834512           FREEHOLDER         3.46843105           ACTIONABLE         3.46412331           TRAFFICKING         3.45044454           ASSIGNOR         3.4490584           PROBATIVE         3.490584           PROBATIVE         3.402534581           DEROGAT  | ALLEGATION     | 3.71326204 |
| INTENDMENT         3.67653486           DISJUNCTIVELY         3.65223106           FORFEITURE         3.64643783           PAROLE         3.63739447           COMPLAINER         3.63391657           WRONGDOER         3.62134736           CONSIGNOR         3.56245953           ACTIONABILITY         3.55591733           DETERMINATIVE         3.54757769           LEASEHOLDER         3.54334143           FRAUDSTER         3.53585043           JUDGMENT         3.52682324           ADMISSIBILITY         3.51477961           JURISDICTION         3.51167644           EJECTMENT         3.50707561           COMITY         3.5013808           DECLARATORY         3.49766982           FLAGRANT         3.48788474           PATENTEE         3.4834512           FREEHOLDER         3.482147           COUNTERBALANCING         3.46843105           ACTIONABLE         3.46412331           TRAFFICKING         3.4490584           PROBATIVE         3.44022726           PURSUANT         3.4375596           JUSTICIABLE         3.41207052           AMBIT         3.4088118           TORT <td>JUSTICIARY</td> <td>3.70119514</td>       | JUSTICIARY     | 3.70119514 |
| DISJUNCTIVELY         3.65223106           FORFEITURE         3.64643783           PAROLE         3.63739447           COMPLAINER         3.63391657           WRONGDOER         3.62134736           CONSIGNOR         3.56245953           ACTIONABILITY         3.55591733           DETERMINATIVE         3.54757769           LEASEHOLDER         3.54334143           FRAUDSTER         3.53585043           JUDGMENT         3.52682324           ADMISSIBILITY         3.51477961           JURISDICTION         3.51167644           EJECTMENT         3.50707561           COMITY         3.5013808           DECLARATORY         3.49766982           FLAGRANT         3.48788474           PATENTEE         3.4834512           FREEHOLDER         3.482147           COUNTERBALANCING         3.46843105           ACTIONABLE         3.46412331           TRAFFICKING         3.4490584           PROBATIVE         3.44022726           PURSUANT         3.437451           DEROGATION         3.43375596           JUSTICIABLE         3.41207052           AMBIT         3.4088118           TORT <td>HEREDITAMENT</td> <td>3.67684661</td>      | HEREDITAMENT   | 3.67684661 |
| FORFEITURE         3.64643783           PAROLE         3.63739447           COMPLAINER         3.63391657           WRONGDOER         3.62134736           CONSIGNOR         3.56245953           ACTIONABILITY         3.55591733           DETERMINATIVE         3.54757769           LEASEHOLDER         3.54334143           FRAUDSTER         3.53585043           JUDGMENT         3.52682324           ADMISSIBILITY         3.51477961           JURISDICTION         3.51167644           EJECTMENT         3.50707561           COMITY         3.5013808           DECLARATORY         3.49766982           FLAGRANT         3.48788474           PATENTEE         3.4834512           FREEHOLDER         3.482147           COUNTERBALANCING         3.46843105           ACTIONABLE         3.46412331           TRAFFICKING         3.4490584           PROBATIVE         3.44022726           PURSUANT         3.437451           DEROGATION         3.43375596           JUSTICIABLE         3.41207052           AMBIT         3.40534581           ASYLUM         3.40534581           CONCURRING <td>INTENDMENT</td> <td>3.67653486</td>        | INTENDMENT     | 3.67653486 |
| PAROLE         3.63739447           COMPLAINER         3.63391657           WRONGDOER         3.62134736           CONSIGNOR         3.56245953           ACTIONABILITY         3.55591733           DETERMINATIVE         3.54757769           LEASEHOLDER         3.54334143           FRAUDSTER         3.53585043           JUDGMENT         3.52682324           ADMISSIBILITY         3.51477961           JURISDICTION         3.51167644           EJECTMENT         3.5013808           DECLARATORY         3.49766982           FLAGRANT         3.4878474           PATENTEE         3.4834512           FREEHOLDER         3.482147           COUNTERBALANCING         3.46843105           ACTIONABLE         3.46412331           TRAFFICKING         3.45044454           ASSIGNOR         3.4490584           PROBATIVE         3.437451           DEROGATION         3.43375596           JUSTICIABLE         3.41207052           AMBIT         3.4088118           TORT         3.40534581           ASYLUM         3.40447916           CONCURRING         3.40079654           EXECUTRIX   | DISJUNCTIVELY  | 3.65223106 |
| COMPLAINER       3.63391657         WRONGDOER       3.62134736         CONSIGNOR       3.56245953         ACTIONABILITY       3.55591733         DETERMINATIVE       3.54757769         LEASEHOLDER       3.54334143         FRAUDSTER       3.53585043         JUDGMENT       3.52682324         ADMISSIBILITY       3.51477961         JURISDICTION       3.51167644         EJECTMENT       3.50707561         COMITY       3.5013808         DECLARATORY       3.49766982         FLAGRANT       3.48788474         PATENTEE       3.4834512         FREEHOLDER       3.482147         COUNTERBALANCING       3.46843105         ACTIONABLE       3.46412331         TRAFFICKING       3.4490584         PROBATIVE       3.4490584         PROBATIVE       3.437451         DEROGATION       3.43375596         JUSTICIABLE       3.41207052         AMBIT       3.4088118         TORT       3.40534581         ASYLUM       3.40447916         CONCURRING       3.40361764         ENFRANCHISEMENT       3.40079654         EXECUTRIX       3.39591917  | FORFEITURE     | 3.64643783 |
| COMPLAINER         3.63391657           WRONGDOER         3.62134736           CONSIGNOR         3.56245953           ACTIONABILITY         3.55591733           DETERMINATIVE         3.54757769           LEASEHOLDER         3.54334143           FRAUDSTER         3.53585043           JUDGMENT         3.52682324           ADMISSIBILITY         3.51477961           JURISDICTION         3.51167644           EJECTMENT         3.50707561           COMITY         3.5013808           DECLARATORY         3.49766982           FLAGRANT         3.48788474           PATENTEE         3.4834512           FREEHOLDER         3.482147           COUNTERBALANCING         3.46843105           ACTIONABLE         3.46412331           TRAFFICKING         3.45044454           ASSIGNOR         3.4490584           PROBATIVE         3.437451           DEROGATION         3.43375596           JUSTICIABLE         3.41207052           AMBIT         3.4088118           TORT         3.40534581           ASYLUM         3.40447916           CONCURRING         3.40079654           EXECUTRIX  |                | 3.63739447 |
| CONSIGNOR       3.56245953         ACTIONABILITY       3.55591733         DETERMINATIVE       3.54757769         LEASEHOLDER       3.54334143         FRAUDSTER       3.53585043         JUDGMENT       3.52682324         ADMISSIBILITY       3.51477961         JURISDICTION       3.51167644         EJECTMENT       3.50707561         COMITY       3.5013808         DECLARATORY       3.49766982         FLAGRANT       3.48788474         PATENTEE       3.4834512         FREEHOLDER       3.482147         COUNTERBALANCING       3.46843105         ACTIONABLE       3.46412331         TRAFFICKING       3.45044454         ASSIGNOR       3.4490584         PROBATIVE       3.437451         DEROGATION       3.43375596         JUSTICIABLE       3.41207052         AMBIT       3.4088118         TORT       3.40534581         ASYLUM       3.40361764         ENFRANCHISEMENT       3.40079654         EXECUTRIX       3.39591917   | COMPLAINER     |            |
| CONSIGNOR       3.56245953         ACTIONABILITY       3.55591733         DETERMINATIVE       3.54757769         LEASEHOLDER       3.54334143         FRAUDSTER       3.53585043         JUDGMENT       3.52682324         ADMISSIBILITY       3.51477961         JURISDICTION       3.51167644         EJECTMENT       3.50707561         COMITY       3.5013808         DECLARATORY       3.49766982         FLAGRANT       3.48788474         PATENTEE       3.4834512         FREEHOLDER       3.482147         COUNTERBALANCING       3.46843105         ACTIONABLE       3.46412331         TRAFFICKING       3.45044454         ASSIGNOR       3.4490584         PROBATIVE       3.437451         DEROGATION       3.43375596         JUSTICIABLE       3.41207052         AMBIT       3.4088118         TORT       3.40534581         ASYLUM       3.40361764         ENFRANCHISEMENT       3.40079654         EXECUTRIX       3.39591917   | WRONGDOER      | 3.62134736 |
| ACTIONABILITY 3.55591733 DETERMINATIVE 3.54757769 LEASEHOLDER 3.54334143 FRAUDSTER 3.53585043 JUDGMENT 3.52682324 ADMISSIBILITY 3.51477961 JURISDICTION 3.51167644 EJECTMENT 3.50707561 COMITY 3.5013808 DECLARATORY 3.49766982 FLAGRANT 3.48788474 PATENTEE 3.4834512 FREEHOLDER 3.482147 COUNTERBALANCING 3.46843105 ACTIONABLE 3.46412331 TRAFFICKING 3.44022726 PURSUANT 3.437451 DEROGATION 3.43775596 JUSTICIABLE 3.40534581 TORT 3.40534581 ASYLUM 3.40447916 CONCURRING 3.40079654 ENFRANCHISEMENT 3.40079654 EXECUTRIX 3.39591917  |                |            |
| DETERMINATIVE       3.54757769         LEASEHOLDER       3.54334143         FRAUDSTER       3.53585043         JUDGMENT       3.52682324         ADMISSIBILITY       3.51477961         JURISDICTION       3.51167644         EJECTMENT       3.50707561         COMITY       3.5013808         DECLARATORY       3.49766982         FLAGRANT       3.48788474         PATENTEE       3.4834512         FREEHOLDER       3.46843105         ACTIONABLE       3.46412331         TRAFFICKING       3.45044454         ASSIGNOR       3.4490584         PROBATIVE       3.44022726         PURSUANT       3.437451         DEROGATION       3.43375596         JUSTICIABLE       3.41207052         AMBIT       3.4088118         TORT       3.40534581         ASYLUM       3.40447916         CONCURRING       3.40361764         ENFRANCHISEMENT       3.40079654         EXECUTRIX       3.39591917   | ACTIONABILITY  | 3.55591733 |
| LEASEHOLDER       3.54334143         FRAUDSTER       3.53585043         JUDGMENT       3.52682324         ADMISSIBILITY       3.51477961         JURISDICTION       3.51167644         EJECTMENT       3.50707561         COMITY       3.5013808         DECLARATORY       3.49766982         FLAGRANT       3.48788474         PATENTEE       3.4834512         FREEHOLDER       3.482147         COUNTERBALANCING       3.46843105         ACTIONABLE       3.45044454         ASSIGNOR       3.4490584         PROBATIVE       3.44022726         PURSUANT       3.437451         DEROGATION       3.43375596         JUSTICIABLE       3.41207052         AMBIT       3.4088118         TORT       3.40534581         ASYLUM       3.40447916         CONCURRING       3.40361764         ENFRANCHISEMENT       3.40079654         EXECUTRIX       3.39591917   |                |            |
| FRAUDSTER       3.53585043         JUDGMENT       3.52682324         ADMISSIBILITY       3.51477961         JURISDICTION       3.51167644         EJECTMENT       3.50707561         COMITY       3.5013808         DECLARATORY       3.49766982         FLAGRANT       3.48788474         PATENTEE       3.4834512         FREEHOLDER       3.46843105         ACTIONABLE       3.46412331         TRAFFICKING       3.45044454         ASSIGNOR       3.4490584         PROBATIVE       3.44022726         PURSUANT       3.437451         DEROGATION       3.43375596         JUSTICIABLE       3.41207052         AMBIT       3.4088118         TORT       3.40534581         ASYLUM       3.40361764         ENFRANCHISEMENT       3.40079654         ENFRANCHISEMENT       3.40079654         EXECUTRIX       3.39591917  |                |            |
| JUDGMENT       3.52682324         ADMISSIBILITY       3.51477961         JURISDICTION       3.51167644         EJECTMENT       3.50707561         COMITY       3.5013808         DECLARATORY       3.49766982         FLAGRANT       3.48788474         PATENTEE       3.4834512         FREEHOLDER       3.482147         COUNTERBALANCING       3.46843105         ACTIONABLE       3.45044454         ASSIGNOR       3.4490584         PROBATIVE       3.44022726         PURSUANT       3.437451         DEROGATION       3.43375596         JUSTICIABLE       3.41207052         AMBIT       3.4088118         TORT       3.40534581         ASYLUM       3.40447916         CONCURRING       3.40361764         ENFRANCHISEMENT       3.40079654         EXECUTRIX       3.39591917   |                |            |
| ADMISSIBILITY JURISDICTION 3.51167644 EJECTMENT 3.50707561 COMITY 3.5013808 DECLARATORY 3.49766982 FLAGRANT PATENTEE 3.4834512 FREEHOLDER 3.482147 COUNTERBALANCING ACTIONABLE TRAFFICKING 3.46412331 TRAFFICKING 3.4401231 TRAFFICKING 3.44002584 PROBATIVE PURSUANT DEROGATION JUSTICIABLE 3.4037451 DEROGATION JUSTICIABLE 3.4088118 TORT 3.4088118 TORT 3.4088118 TORT 3.40361764 ENFRANCHISEMENT 3.40079654 EXECUTRIX 3.39591917   |                |            |
| JURISDICTION       3.51167644         EJECTMENT       3.50707561         COMITY       3.5013808         DECLARATORY       3.49766982         FLAGRANT       3.48788474         PATENTEE       3.4834512         FREEHOLDER       3.482147         COUNTERBALANCING       3.46843105         ACTIONABLE       3.45044454         ASSIGNOR       3.4490584         PROBATIVE       3.44022726         PURSUANT       3.437451         DEROGATION       3.43375596         JUSTICIABLE       3.41207052         AMBIT       3.4088118         TORT       3.40534581         ASYLUM       3.40447916         CONCURRING       3.40361764         ENFRANCHISEMENT       3.40079654         EXECUTRIX       3.39591917  |                |            |
| EJECTMENT       3.50707561         COMITY       3.5013808         DECLARATORY       3.49766982         FLAGRANT       3.48788474         PATENTEE       3.4834512         FREEHOLDER       3.46843105         ACTIONABLE       3.46412331         TRAFFICKING       3.45044454         ASSIGNOR       3.4490584         PROBATIVE       3.44022726         PURSUANT       3.437451         DEROGATION       3.43375596         JUSTICIABLE       3.41207052         AMBIT       3.4088118         TORT       3.40534581         ASYLUM       3.40447916         CONCURRING       3.40361764         ENFRANCHISEMENT       3.40079654         EXECUTRIX       3.39591917   |                |            |
| COMITY       3.5013808         DECLARATORY       3.49766982         FLAGRANT       3.48788474         PATENTEE       3.4834512         FREEHOLDER       3.482147         COUNTERBALANCING       3.46843105         ACTIONABLE       3.46412331         TRAFFICKING       3.45044454         ASSIGNOR       3.4490584         PROBATIVE       3.437451         DEROGATION       3.43375596         JUSTICIABLE       3.41207052         AMBIT       3.4088118         TORT       3.40534581         ASYLUM       3.40447916         CONCURRING       3.40361764         ENFRANCHISEMENT       3.40079654         EXECUTRIX       3.39591917  |                |            |
| DECLARATORY       3.49766982         FLAGRANT       3.48788474         PATENTEE       3.4834512         FREEHOLDER       3.46843105         ACTIONABLE       3.46412331         TRAFFICKING       3.45044454         ASSIGNOR       3.4490584         PROBATIVE       3.437451         DEROGATION       3.43375596         JUSTICIABLE       3.41207052         AMBIT       3.4088118         TORT       3.40534581         ASYLUM       3.40447916         CONCURRING       3.40079654         ENFRANCHISEMENT       3.40079654         EXECUTRIX       3.39591917   |                |            |
| FLAGRANT       3.48788474         PATENTEE       3.4834512         FREEHOLDER       3.482147         COUNTERBALANCING       3.46843105         ACTIONABLE       3.46412331         TRAFFICKING       3.45044454         ASSIGNOR       3.4490584         PROBATIVE       3.44022726         PURSUANT       3.437451         DEROGATION       3.43375596         JUSTICIABLE       3.41207052         AMBIT       3.4088118         TORT       3.40534581         ASYLUM       3.40447916         CONCURRING       3.40361764         ENFRANCHISEMENT       3.40079654         EXECUTRIX       3.39591917  | DECLARATORY    |            |
| PATENTEE       3.4834512         FREEHOLDER       3.482147         COUNTERBALANCING       3.46843105         ACTIONABLE       3.46412331         TRAFFICKING       3.45044454         ASSIGNOR       3.4490584         PROBATIVE       3.44022726         PURSUANT       3.43375596         JUSTICIABLE       3.41207052         AMBIT       3.4088118         TORT       3.40534581         ASYLUM       3.40447916         CONCURRING       3.40361764         ENFRANCHISEMENT       3.40079654         EXECUTRIX       3.39591917  |                |            |
| FREEHOLDER       3.482147         COUNTERBALANCING       3.46843105         ACTIONABLE       3.46412331         TRAFFICKING       3.45044454         ASSIGNOR       3.4490584         PROBATIVE       3.44022726         PURSUANT       3.437451         DEROGATION       3.43375596         JUSTICIABLE       3.41207052         AMBIT       3.4088118         TORT       3.40534581         ASYLUM       3.40447916         CONCURRING       3.40361764         ENFRANCHISEMENT       3.40079654         EXECUTRIX       3.39591917   |                |            |
| COUNTERBALANCING       3.46843105         ACTIONABLE       3.46412331         TRAFFICKING       3.45044454         ASSIGNOR       3.4490584         PROBATIVE       3.44022726         PURSUANT       3.437451         DEROGATION       3.43375596         JUSTICIABLE       3.41207052         AMBIT       3.4088118         TORT       3.40534581         ASYLUM       3.40447916         CONCURRING       3.40361764         ENFRANCHISEMENT       3.40079654         EXECUTRIX       3.39591917   |                |            |
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| TRAFFICKING       3.45044454         ASSIGNOR       3.4490584         PROBATIVE       3.44022726         PURSUANT       3.437451         DEROGATION       3.43375596         JUSTICIABLE       3.41207052         AMBIT       3.4088118         TORT       3.40534581         ASYLUM       3.40447916         CONCURRING       3.40361764         ENFRANCHISEMENT       3.40079654         EXECUTRIX       3.39591917   | ACTIONABLE     |            |
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| PROBATIVE       3.44022726         PURSUANT       3.437451         DEROGATION       3.43375596         JUSTICIABLE       3.41207052         AMBIT       3.4088118         TORT       3.40534581         ASYLUM       3.40447916         CONCURRING       3.40361764         ENFRANCHISEMENT       3.40079654         EXECUTRIX       3.39591917   |                |            |
| PURSUANT       3.437451         DEROGATION       3.43375596         JUSTICIABLE       3.41207052         AMBIT       3.4088118         TORT       3.40534581         ASYLUM       3.40447916         CONCURRING       3.40361764         ENFRANCHISEMENT       3.40079654         EXECUTRIX       3.39591917  |                |            |
| DEROGATION       3.43375596         JUSTICIABLE       3.41207052         AMBIT       3.4088118         TORT       3.40534581         ASYLUM       3.40447916         CONCURRING       3.40361764         ENFRANCHISEMENT       3.40079654         EXECUTRIX       3.39591917  |                |            |
| JUSTICIABLE       3.41207052         AMBIT       3.4088118         TORT       3.40534581         ASYLUM       3.40447916         CONCURRING       3.40361764         ENFRANCHISEMENT       3.40079654         EXECUTRIX       3.39591917  |                |            |
| AMBIT       3.4088118         TORT       3.40534581         ASYLUM       3.40447916         CONCURRING       3.40361764         ENFRANCHISEMENT       3.40079654         EXECUTRIX       3.39591917   |                |            |
| TORT       3.40534581         ASYLUM       3.40447916         CONCURRING       3.40361764         ENFRANCHISEMENT       3.40079654         EXECUTRIX       3.39591917   |                |            |
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| CONCURRING         3.40361764           ENFRANCHISEMENT         3.40079654           EXECUTRIX         3.39591917   |                |            |
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|   |                |            |
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| PERPETRATOR                   | 2 20244666 |
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|                               | 3.39244666 |
| INCOMPATIBILITY  HUMAN DIGHTS | 3.3801761  |
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| GRANTOR             | 3.12320055 |
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## **BLOCK 2. CORPUS TEXTS**

# PRIVY COUNCIL. UNITED KINGDOM

Privy Council Appeal No 95 of 2006.

Quincy Todd, Appellant,

v.

The Queen, Respondent,

FROM

THE COURT OF APPEAL OF

THE BAHAMAS.

JUDGMENT OF THE LORDS OF THE JUDICIAL COMMITTEE OF THE PRIVY COUNCIL,

Delivered the  $8^{th}$  April 2008.

Present at the hearing:
Lord Hope of Craighead
Lord Rodger of Earlsferry
Lord Walker of Gestingthorpe
Lord Mance
Sir Christopher Rose.

Delivered by Sir Christopher Rose:

- 1. The appellant appeals by special leave of the Board, given on 22<sup>nd</sup> November 2006. Following a 4 week trial in the Supreme Court of the Bahamas, before Dame Joan Sawyer CJ and a jury, he was convicted on 23<sup>rd</sup> January 1998, of the murder of the deceased, Venette Bellizaire, in 1994. He was sentenced to death. On 16<sup>th</sup> December 1999 the Court of Appeal of the Commonwealth of the Bahamas (Carey P, Zacca and Hall JJA) dismissed his appeal.
- The deceased was killed some time after 6.30am on 25<sup>th</sup> August 1994, when she was seen getting into a uniquely distinctive Nissan motor car which belonged to Otis Palmer. Mr Palmer gave evidence that he lent the car to the appellant between 9pm and 10pm on 24<sup>th</sup> August and he returned it at about 8am on 25<sup>th</sup>. Mr Palmer's girlfriend Margaret Barr gave evidence that the car was missing when she returned home about 1am on the morning of the 25<sup>th</sup> and the appellant returned it later that morning. Later that day she found two earrings in the car which she handed to the police on 21st September. The deceased's parents identified the earrings as belonging to her. Mr Palmer, meanwhile, had been arrested on 20th September on suspicion of the murder, but he was released following the appellant's arrest. This took place at 5.20am on 21st September and, on the same day at 1.20pm, he was shown the earrings by D.S. McCoy. Later the same day, in circumstances giving rise to the first ground of appeal, the appellant went with police officers to bushes near Cromwell Drive, Freeport. Bones, said to be those of the deceased and showing fractures of the skull due to several blows, were found, together with her slippers and a bangle.

- 3. During the trial, while D.C. Johnson was giving evidence of taking photographs, on 21<sup>st</sup> and 22<sup>nd</sup> September, defence counsel indicated that, at the end of cross-examination, he would be making submissions about two of those photographs, numbered 4 (of the appellant pointing at the skeletal remains) and 25 (of the appellant pointing at a garbage bin). It was put to D.C. Johnson in cross-examination that, following the shooting of a snake by D.C. Wilchcombe, the appellant had been forced at gunpoint to kneel and point for photograph 4 and that the following day, the appellant had again been forced to point for photograph 25. He denied these allegations.
- 4. At the conclusion of D.C. Johnson's evidence, in the absence of the jury, defence counsel submitted that photographs 4 and 25 should be excluded as being more prejudicial than probative and because they had been obtained by improper means, contrary to s.178 of the Bahamian Evidence Act 1996. The judge pointed out that there was no evidence of improper means. Counsel said he would return to the matter on the voir dire. Other evidence was then called for the prosecution including that about the motor car, the last sighting of the deceased and the earrings to which reference has already been made.
- A voir dire was then held to determine the admissibility of oral and written confessions said to have been made by the appellant. Several police officers gave evidence in relation to events at the police station following the appellant's arrest and at the crime scene. In particular, D.S. McCoy gave evidence that the appellant said at the police station "Otis Palmer who is in the cell have nothing to do with it. I killed her and I can show you where it happen". He directed the police towards a bushy area at Cromwell Drive and said "I killed her over there". When they reached the bushes the accused pointed and said "There are the bones and clothing of Venette Bellizaire". The appellant gave evidence denying making these statements and saying that a written confession (the terms of which were not seen by the trial judge) was induced by mistreatment by a number of officers: he was threatened, beaten, pistol whipped and given electric shocks. He had deliberately misspelt his name in the written statement to prove that he had been beaten. The photographs taken at the crime scene were staged. The photographer was already there on 21<sup>st</sup> when he arrived with other officers. After a snake had been shot at several times and killed by D.C. Wilchcombe, he was threatened with being shot and was forced to point for photograph 4 and, the nextday, for photograph 25. He called his brother and Otis Palmer in support of the allegations of mistreatment, all of which were denied in evidence by the several officers said to have been involved.
- 6. The judge ruled that the oral and written confessions be excluded. She said she was not sure (the onus being on the prosecution) that no threats were made. She had a reasonable doubt about whether the snake-shooting incident occurred. She was not satisfied the appellant had been told that he could consult an attorney, as is guaranteed by Article 19(2) of the Bahamas Constitution. She said "It doesn't take much to make a statement inadmissible". A discussion took place with Counsel about the status of the evidence about the visits to the crime scene on 21<sup>st</sup> and 22<sup>nd</sup>. Reference was made to sections 20 and 178 of the Evidence Act. A distinction was drawn between the confessions and the visits. The judge said "Obviously he's been to the Cromwell Drive area because that's apparent from the pictures and that's where the police say they found the bones. To some extent there's a conflict between them as to how that was done. Police say he pointed it out and he says he didn't. So obviously the jury will have to resolve that. I don't know that I can do very much about that because the pictures have gone in now you see". Later, the

judge said to prosecuting counsel "The point is, anything that suggests he made a confession is basically out. But of course the exception is – so much of the confession as relates to the finding of these things is admissible. That's what subparagraph 5 says" (She was clearly intending to refer to s.20(4) of the Evidence Act). She also referred to Lam Chi-ming v The Queen [1991] 2AC 212 and to the difference between s.20(4) and the English Police and Criminal Evidence Act 1984, (PACE) and the Indian Evidence Act 1872. She referred to s.178 but concluded that, in view of the terms of s.20(4), she could not exclude the evidence about the finding of the bones under s.178(1).

- 7. In due course, when summing up, the judge posed the question in relation to events at the crime scene "Who do you believe, Mr Johnson or the accused and the other police witnesses who said he led them to the spot?"
- After the judge's ruling, the jury were recalled. D.S. McCoy gave evidence in chief about going to the crime scene at the accused's direction and the taking of the photographs. He denied, in cross-examination, knowing in advance where the bones were. He made no reference in his evidence to the confessions which the judge had excluded. Subsequently, at the jury's request, the court went to view the crime scene. Two weeks after he had first given evidence before the jury, D.S. McCoy was recalled, apparently for the purpose of putting on record what had taken place during the view. His evidence in chief, which again included an account of how the accused had shown where the bones were so as to explain what the jury were shown, passed without incident. In cross-examination he was challenged about what had happened when he first went to the scene with the accused and, in particular, about the direction in which the accused had pointed. His answer included the following: "when I stopped the car he pointed to the western side....and said 'Venette, I killed her over there'. We exit the car and he led us to the bushes." Defence Counsel said "I'm only speaking about where the accused pointed. He never told you anything." The judge intervened: "The jurors will disregard any answer about what the accused is supposed to have said. There's no evidence before you about that." Cross-examination continued about other matters.
- 9. The appellant's defence was alibi, in support of which he called his brother-in-law. He claimed to have been at a family prayer-meeting between 6am and 7am on 25<sup>th</sup> August and not to have borrowed Palmer's car on that date.
- 10. The Court of Appeal held that evidence of what the appellant did leading to discovery of the bones was admissible under the terms of s.20(4) although this did not relieve the judge of the obligation to decide admissibility by reference to s.178. The Court concluded that the trial judge had exercised her discretion under s.178 but, if they were wrong, they would have exercised the discretion so as to admit the evidence.
- 11. Section 20(1) and (2) of the 1996 Act, which are, with immaterial differences, identical to s.76(1) and (2) of PACE, provide for the admissibility of confessions proved beyond reasonable doubt not to have been obtained by oppression nor rendered unreliable by anything said or done at the time. Section 20(4) provides: "The fact that a confession is wholly or partly excluded in pursuance of this section shall not affect the admissibility in evidence of any facts discovered as a result of the confession and of so much of the confession as relates thereto." Save for the additional words underlined, this provision is identical to s.76(4)(a) of PACE. Section 76(5) and (6) of PACE are the entirely different provisions which the judge had in mind: They render a fact discovered as a result of an excluded confession

- admissible only when evidence is given by the accused or on his behalf as to how the fact was discovered.
- 12. Section 178(1) (like s.78(1) of PACE) provides: "In any criminal proceedings the court may refuse to allow evidence on which the prosecution proposes to rely to be given if it appears to the court that, having regard to all the circumstances, including the circumstances, in which the evidence was obtained, the admission of the evidence would have such an adverse affect on the fairness of the proceedings that the court ought not to admit it."
- 13. Before the Board, Mr Guthrie QC (who did not appear below) advanced two grounds of appeal. First, the judge having excluded the oral and written confessions ought also to have excluded the evidence of the appellant directing the police to and at the crime scene. Secondly, the giving of inadmissible evidence by D.S. McCoy should have resulted in the discharge of the jury.
- 14. As to the first ground, he accepted that trial counsel should have challenged the admissibility of the evidence before he did. He submitted that s.20(4) does not authorise the admissibility of any part of an involuntary confession. The fact that the bones were discovered was admissible but any part of the inadmissible confessions and the evidence as to why the police went to the crime scene were inadmissible. He relied on the authority of Warickshall (1783) 1 Leach 263 and also on two authorities concerned with s.27 of the Indian Evidence Act 1872 Kottaya v Emperor AIR 1947 PC 67 and Anter Singh v Rajashthan 2004 ILR 1.543. The judge should have excluded evidence as to the appellant's conduct leading to the discovery of the bones as being part of the excluded confessions. Counsel referred to Ibrahim v The King [1914] AC 599 and Lam Chi-ming v The Queen (above). He submitted that if s.20(4) lays down a different rule from these authorities it must be mitigated by s.178, otherwise it will be inconsistent with the Constitution of the Bahamas, which prohibits torture and inhuman or degrading treatment and guarantees a fair hearing. He referred to Bowe v The Queen [2006] I WLR 1623, Pillay and others v S (2004) 2 BCLR 158 and Sweeney [2000] 50 OR (3d) 321. In saying what she "must" do by reference to s.20(4) the judge showed she wrongly believed she had no discretion.
- 15. As to the second ground, Mr Guthrie submitted that, following D.S. McCoy's gratuitous evidence, which had been ruled inadmissible, the judge should have discharged the jury. Counsel relied on her later comment that she would have done so had the evidence been given in chief.
- 16. Mr Dingemans QC (who did not appear below) on behalf of the Crown submitted, as to the first ground, that the photographs did not advance the argument: the important matter was the direction of the police to the scene by the accused. When summing up, the judge, in clearest terms, left for the jury's resolution the conflict between the police and the appellant as to why they went to the crime scene and whether the photographs were staged. He referred to Gould (1840) 9 C&P 364 as the genesis of s.20(4): a policeman to whom a statement was made under peculiar circumstances was permitted to state, after a lantern had been found, that the prisoner had told him that he had thrown it there. The English common law developed along different lines from the Bahamian legislation see Liam Chi-ming v The Queen (above) and Timothy v The State [2000] I WLR 485. The plain meaning of s.20(4) is that parts of a confession shown to be true by a subsequent discovery are admissible. There has been such a legislative provision in the Bahamas since 1904. There are similar provisions in the legislation of other countries including India (s.27 of the Indian Evidence Act 1872 see Anter Singh v

- <u>Rajasthan</u> (above)), Ceylon (s.27 of the Evidence Ordinance see <u>Ramasamy</u> [1965] AC1) and South Africa (s.218 of the Criminal Procedure Act 1977 see <u>Pillay & Others</u> above) none of which has been the subject of effective constitutional challenge. Case law in Ontario has developed a similar principle (see <u>St Lawrence</u> [1949] OR 215 and <u>Wray</u> [1971] SCR 272) albeit with a modification providing a discretion to exclude, arising from the Canadian Charter of Rights and Freedoms (see <u>Sweeney</u> (above) paragraph 2(c) and (d) of the judgement).
- 17. Mr Dingemans further submitted that, the confessions having been excluded because the prosecution could not prove they were voluntary, the evidence about the appellant directing the police to the scene was properly admissible under the clear words of s.20(4). In so far as s.20(4) might reward police misconduct, whereas modern democracy requires fair play, s.178 operates to afford the judge an overriding discretion. Had the judge been sure that the snake-shooting incident had occurred she could only properly have excluded the evidence that the appellant took the police to the bones. As she was not sure, she was entitled to admit that evidence in order to give effect to s.20(4) in the light of s.178. It is a proper exercise of discretion to admit what the jury might well conclude has been proved to be true but to exclude what cannot be so proved.
- 18. As to the second ground of appeal, Mr Dingemans submitted that the judge dealt with D.S. McCoy's answer immediately and properly, and no submission was made to discharge the jury, even when the judge later made the comment about what she would have done had the evidence been given in chief. Continuing with the trial was an unassailable exercise of discretion.
- 19. In the light of these submissions their Lordships, in disagreement with the Court of Appeal, do not accept that the trial judge exercised a discretion in relation to the evidence which she admitted under s.20(4). The language of her ruling shows that she believed she had no such discretion. The Court of Appeal said they would have exercised discretion, if the judge had not, in favour of admitting the evidence. The question which now arises is whether had she realised she had a discretion, the judge would inevitably have exercised it to admit the evidence.
- 20. It is apparent that at trial objection to the admissibility of evidence about the visit to the crime scene was not made when or in the way in which it should have been. Defence Counsel should have raised the matter and sought a voir dire before evidence of the photographs was led. The focus of his complaint should have been not on the photographs but on the circumstances whereby the appellant and the police officers came to the crime scene. Photograph 25, of the appellant pointing at the garbage bin, proved nothing and was therefore irrelevant and inadmissible. Photograph 4 of the appellant pointing at the ground was clearly stage-managed to some extent; no good reason is apparent for taking it; it added nothing to the case; and it should not have been admitted. But the photographs in themselves, were of no significance and their admission in evidence cannot have had any adverse impact on the fairness of the trial or the safety of the jury's verdict. The crucial question, on this first ground of appeal, is whether the evidence of the accused directing the police to the crime scene and the bones was properly admitted in the light of sections 20(4) and 178(1).
- 21. The words of s.20(4) are plain. Their Lordships are of the view that they mean what they say, namely, facts discovered as the result of an excluded confession and so much of the confession as relates thereto are admissible. The words of the subsection were not challenged before the Board on the ground of unconstitutionality. Nor, so far as is known, have similar provisions in other

- jurisdictions been subjected to successful constitutional challenge. But the 1996 Act must be read as a whole and, in particular, s.20(4) read in the light of the overriding discretion which s.178(1) confers on the trial judge.
- 22. In their Lordships' judgment, evidence of the discovery of the bodily remains at the appellant's direction (if the police evidence was accepted), was admissible within s.20(4) notwithstanding the exclusion of the prior written and oral confessions. The judge, in her ruling, made no finding of police impropriety. She expressed doubt about whether the snake-shooting incident had occurred and whether the accused had been told of his constitutional right to representation. Those doubts were sufficient to render the oral and written confessions inadmissible under s.20(1) and (2), as she rightly ruled. Their Lordships are of the view that, had the judge realised that she had a discretion under s.178(1), she would, inevitably, in the absence of any proved impropriety have exercised it in favour of admitting the evidence and so have left it to the jury (as she did) to determine whether the conditions of s.20(4) were satisfied, in that, as the prosecution contended, the deceased's bones were discovered as a result of the appellant's confession. The first ground of appeal therefore fails.
- 23. As to the second ground, the alleged admission inappropriately rehearsed by D.S. McCoy was, clearly, potentially damaging to the defence. But the context in which the evidence came to be given and the events which followed it are important. There is no reason to believe that the witness deliberately gave evidence which he knew had been ruled inadmissible. No such allegation was made by counsel at the time. There is nothing to suggest that the trial judge thought this was the case. When D.S. McCoy first gave evidence before the jury about events at the crime scene, he made no mention of the admission. He referred to it only when cross-examined when giving evidence before the jury for the second time following the court's view at the scene. Furthermore, when defence counsel made his submission of no case to answer, he referred to D.S. McCoy having "slipped when he said certain things to the jury".
- 24. The critical question is whether, the inadmissible evidence having been given, the judge's failure to discharge the jury rendered the trial unfair or the verdict unsafe. Immediately the answer was given, the judge directed the jury to disregard it. Furthermore, that direction was plainly heeded because the judge, at a later stage, described having seen the jury nod in agreement with her direction. No one suggested at the time that the jury should be discharged. It is true that, during the submission of no case, the judge commented that she would have discharged the jury had the inadmissible evidence been given in chief. Whether she would have taken that view after hearing submissions on the matter, it is impossible to say. Even at that stage, having heard the judge's comment, no counsel suggested that the jury be discharged. Following the judge's direction to disregard it, no further reference to the inadmissible evidence was made during the trial. In the Court of Appeal trial counsel did not argue this ground.
- 25. In their Lordships' view, an appellate court, remote from the atmosphere and nuances of the trial process, should be slow to interfere when a trial judge continues with a trial after the jury has heard inadmissible evidence and will not do so merely because it would have decided differently. In this case the judge immediately, and effectively, directed the jury to disregard the evidence; no further reference was made to it; and none of those involved in the trial appears to have thought that the evidence was so damaging that consideration should be given to discharging the jury. The trial was in its third week and all the evidence was completed on the

- following day. It is clear that the judge thought about what she was doing and must have been satisfied that the jury would be able to return a proper verdict. The local appeal court upheld her decision.
- 26. In these circumstances, it is impossible to conclude that the trial was unfair or the verdict unsafe. The second ground of appeal therefore fails.
- 27. Their Lordships will humbly advise Her Majesty that the appeal against conviction should be dismissed. The Crown concedes that the mandatory sentence of death cannot stand. Their Lordships will further advise Her Majesty that the appeal against sentence should be allowed, the sentence of death quashed and the case remitted to the Supreme Court of the Bahamas for determination of the appropriate sentence.

#### UNITED KINGDOM. SUPREME COURT

## **JUDGMENT**

Allison (Appellant) v Her Majesty's Advocate (Respondent) (Scotland), before

Lord Hope, Deputy President,
Lord Rodger
Lord Walker
Lord Brown
Lord Kerr.
JUDGMENT GIVEN ON
10 February 2010

Joseph on 9 December 2000

# Heard on 8 December 2009.

## LORD RODGER:

- 1. On 9 September 2004 the appellant, Steven Allison, was convicted after trial in the High Court at Glasgow of four contraventions of section 4(3)(b) of the Misuse of Drugs Act 1971. In effect, he was found guilty of being concerned in the supplying of cocaine and three other controlled drugs at his home in Cumbernauld, at an address in Falkirk and elsewhere in the United Kingdom, between 12 November and 3 December 2003. The trial judge, Lord Bracadale, sentenced him to 8 years imprisonment.
- 2. The appellant appealed against both his conviction and sentence. On 7 November 2008 the appeal court (Lord Osborne, Lady Paton and Lord Philip) refused his appeal against conviction, leaving his appeal against sentence to be heard on a date to be fixed.
- 3. Among his grounds of appeal against conviction was one which was first advanced in an additional Note of Appeal. It relates to the record of a police interview of a John Stronach. Mr Stronach had died before the trial and the Crown introduced the interview into evidence in accordance with the procedure in section 259(5) of the Criminal Procedure (Scotland) Act 1995.
- 4. Neither before nor during the trial did the Crown disclose to the defence that Mr Stronach had a number of previous convictions and outstanding charges. In particular, he had convictions for reset, theft by opening lockfast places, assault and robbery and assault and breach of the peace. He also had a number of outstanding charges, including two alleged contraventions of the Misuse of Drugs Act 1971, an alleged theft by housebreaking and several alleged contraventions of the Road Traffic Act 1988. One of the outstanding cases under the Misuse of Drugs Act related to events covered by the trial and was known to the appellant's legal advisers. The Crown disclosed the previous convictions and the other outstanding charges only while the appellant's appeal was pending before the appeal court. This prompted the appellant to lodge his additional ground of appeal: "The failure on the part of the Crown to disclose to the defence the existence of all the previous convictions and outstanding charges resulted in the defence being unable to prepare and properly conduct their defence and the result was that the appellant did not receive a fair trial, as guaranteed by article 6(1) of the European Convention on Human Rights."
- 5. Following the dismissal of his appeal by the appeal court, the appellant applied for leave to appeal to the Privy Council in relation to the additional ground of appeal. On 6 March 2009 the appeal court (Lord Osborne, Lady Paton and Lord

Mackay of Drumadoon) refused the application as incompetent, on the ground that no intimation of a devolution issue had been given to the Advocate General as required by para 5 of Schedule 6 to the Scotland Act 1998. The court went on to indicate that, if it had been open to them to grant or refuse leave, they would not have granted leave.

- 6. The appellant subsequently applied to the Privy Council for special leave to appeal. The Board granted special leave. Although the statement of facts and issues included an issue relating to the competency of the appeal court's decision to refuse leave, neither the advocate depute nor the Advocate General advanced any argument on the point at the hearing of the appeal. Undoubtedly, when the appeal court determined that the Lord Advocate was not under an obligation by virtue of article 6(1) of the European Convention to disclose the outstanding charges against Mr Stronach, they were in substance determining a devolution issue in terms of para 1(d) or (e) of Part I of Schedule 6 to the Scotland Act 1998 irrespective of whether all the relevant procedural steps had been followed. It follows, as was held in *McDonald v HM Advocate* 2008 SLT 993, 1002, paras 48 and 49, that an appeal on that point lies to this Court under para 13(a) of Part II of that Schedule.
- 7. Of course, the late Mr Stronach's name was never included in the list of Crown witnesses appended to the indictment for the appellant's trial which may help to explain why the need to disclose his criminal antecedents was overlooked. But, when dismissing the appellant's appeal, the appeal court rightly accepted, under reference to *Holland v HM Advocate* 2005 1 SC (PC) 3, 24, para 72, that the failure by the Crown to disclose Mr Stronach's previous convictions had been incompatible with the appellant's article 6(1) Convention rights. Despite the further conclusion of the Privy Council in *Holland*, at pp 24-25, paras 73-74, that the Crown were also under an obligation to disclose material outstanding charges of which they were aware, the appeal court in the present case drew a distinction between Mr Stronach's previous convictions and "his outstanding cases at the time of the trial" by which the court obviously meant the charges against him which had been outstanding at the time of his death. The court continued:

"We consider that, in this context, a distinction has to be made between previous convictions and outstanding cases. While, in appropriate circumstances, the existence of previous convictions may be of importance in connection with the preparation of a defence and to the challenge that may be mounted to the credibility of a witness, we do not consider that the same may be said of outstanding cases. Where an individual is charged with crime, he or she is presumed to be innocent until proved guilty. If a case is outstanding, necessarily no verdict has been reached in it. In these circumstances we have insuperable difficulty in understanding how information relating to those matters could be properly deployed in the conduct of a defence."

- 8. Previous generations of Scots lawyers and judges do not appear to have experienced the same "insuperable difficulty" as the appeal court.
- 9. It is, of course, trite that an individual charged with crime is presumed to be innocent until proved guilty. But that is not to say that he has to be treated in all respects as if he were an innocent person against whom no charge had been brought. Most obviously, in an appropriate case, he can be remanded in custody

pending trial or granted bail subject to appropriate conditions. Similarly, depending on the offence and the terms of his contract of employment, he may be suspended from his employment. More generally, if you know that someone has been charged with, say, fraud, you will be less inclined to enter into a commercial transaction with him; if you know that someone has been charged with sexual abuse, you will think twice before entrusting your children to her care; if you know that someone has been charged with theft, you will be less inclined to trust anything which he tells you, unless it can be confirmed from other sources.

- 10. The Privy Council's decision in *Holland*, that the Crown should disclose outstanding charges of Crown witnesses of which they were aware, simply reflected the common sense position that just as in everyday life judges or jurors who have to assess the credibility of a witness may properly take into account not only the fact that the witness has been convicted of various offences, but also the fact that he has been charged with others. To judge from the passage quoted in para 7 above, the appeal court seem to have thought that this was an unprincipled and incoherent innovation. It is noteworthy that they did not refer to any authority. In reality, the approach of the Privy Council, in so far as it proceeds on the basis that outstanding charges may have a bearing on a witness's credibility, merely reflects what appears to have been recognised as the proper practice in Scottish courts for more than 170 years.
- 11. At one time, in Scots law anyone convicted of serious crimes became technically infamous (infamis) and was thereafter unable to give evidence at any trial. By the early nineteenth century this rule was proving self-defeating for the authorities: all too often it was a gift to the defence since it prevented the only material witnesses to crimes from giving evidence. So the rule was first relaxed and then eventually abolished. The only explicit authority relating to a witness with outstanding charges comes from that era. At a High Court trial at Dumfries, when leading a Crown witness, William Higgins, the advocate depute began by establishing that he was due to be tried at the same circuit on a charge of theft by housebreaking, aggravated by his having been previously convicted of theft and being a thief by habit and repute. See John Hannah and Hugh Higgins, 17 September 1836, Bell's Notes, p 256, in the Supplement to Hume's Commentaries on the Law of Scotland respecting Crimes (1844 edition), vol 2. Since the court ruled on the admissibility of the advocate depute's line of questioning, the defence must have objected that the Crown were, in effect, leading a witness who, if convicted of the crime in question at his trial later in the sitting, would then be unable to testify. The court rejected the argument and allowed the question. As the author of the Notes, Sheriff Bell, comments, "The court, however, in allowing the question, must have thought it relevant to affect the credit of the witness."
- 12. The potential relevance of outstanding charges to the credibility of a witness appears to have been settled in the nineteenth century. See, for instance, Dickson's *Treatise on the Law of Evidence in Scotland* (revised edition, 1887) vol 2, para 1619. Most significantly, Macdonald's *Criminal Law of Scotland* (3rd edition, 1894), p 462, says: "Nor may [a witness] refuse to say whether he has been convicted of or stands indicted for a crime." This passage appears in virtually the same words in the fifth and final edition (1948), pp 297-298. The passage could never have stood unchallenged in successive editions of the traditional vademecum of Scottish criminal practitioners and judges if it had not

- reflected practice in the courts. Not surprisingly, therefore, neither the advocate depute nor the Advocate General supported the approach of the appeal court in the present case.
- 13. In *Holland v HM Advocate* 2005 1 SC (PC) 3 the appellant was convicted of a charge of assault and robbery at a house in Rutherglen. The Crown failed to disclose that there were outstanding charges against the complainers, relating to drug dealing at the house in question. The Privy Council held, at p 25, para 75, that information about these charges would have helped to complete the picture both of the complainers and of their milieu. In other words, it would have had the potential to weaken the Crown case and so it should have been disclosed. In his written submissions in the present appeal, the advocate depute gave examples of other situations where an outstanding charge against a Crown witness might materially weaken the Crown case or strengthen the defence case: if the witness denied he had ever been in trouble with the police, an outstanding charge could legitimately be put to him; similarly an outstanding charge might provide a potential motive for the witness giving untrue information in an attempt to curry favour with the authorities.
- 14. It is unnecessary to prolong the discussion since the Crown did not deny that the outstanding charges against Mr Stronach might have weakened the Crown case by casting doubt on his character or credibility. It follows that, in accordance with *Holland v HM Advocate* 2005 1 SC (PC) 3 and *HM Advocate v Murtagh* 2009 SLT 1060, the failure of the Crown to disclose the outstanding charges to the defence was indeed incompatible with the appellant's article 6(1) Convention rights.
- 15. At the hearing of the appeal, all this really went without saying and the only live issue was the actual significance, in the whole circumstances of the case, of the Crown's failure to disclose the charges. The appeal court did not consider that matter, but they did, of course, consider the effect of the Crown's failure to disclose his previous convictions. Having considered the circumstances, the appeal court were not "persuaded that the failure of the Crown to disclose the previous convictions of Stronach to the appellant's advisers resulted in an unfair trial and hence a miscarriage of justice." They accordingly rejected the appellant's appeal, so far as based on the Crown's failure to disclose Mr Stronach's previous convictions.
- 16. Standing that decision, at the hearing before this Court, Mr Jackson QC, who appeared for the appellant, had to argue that the failure to disclose Mr Stronach's outstanding charges made a significant difference. In other words, the Court should conclude that there would have been a real possibility of a different outcome if the jury had been made aware, not only of Mr Stronach's previous convictions, but of the outstanding charges against him: in that event, the jury might reasonably have come to a different view as to whether the appellant was concerned in the supplying of the various drugs during the relevant period.
- 17. The case against the appellant was circumstantial. It comprised, for the most part, evidence of observations by police officers who had conducted a surveillance operation over several weeks. The evidence relating to Mr Stronach's statement concerned events of 24 November 2003.
- 18. DS Duncan Smith was not otherwise involved in the relevant events. He gave evidence that, at about 12.45 pm on 24 November, when checking an address, he saw a blue Peugeot, registration number M810 UEW, parked at the appellant's home at 58 Whitelees Road, Cumbernauld. At 9.32 pm Mr Stronach was seen

driving the Peugeot to a service station at Kilmarnock where he met up with a Ford Orion. The two cars drove in convoy to Logan, near Cumnock. There, in the car park of the Logangate Arms, the driver of the Orion spoke to Mr Stronach who did not leave his car. Mr Stronach then drove up to Glasgow and on to the M8 where he was stopped by two police officers. A Farm Foods bag, found in the glove compartment of the Peugeot, contained cocaine worth at least £30,000.

- 19. The police interviewed Mr Stronach on tape in the early hours of 25 November. This is the interview which is the subject of the additional ground of appeal. The tape recording of the entire interview was played to the jury during the evidence of DC McFadden. In the course of the interview Mr Stronach said that he had been sent by a man called "Stevie" from Abronhill to sell the car. The appellant's first name is Steven and his home was in the Abronhill district of Cumbernauld. The description of "Stevie" given by Mr Stronach fitted the appellant. On 27 November the appellant left his home and drove to the house of Mr Stronach's girlfriend in Denny. He then took Mr Stronach's passport to Airdrie Sheriff Court where it was used in connexion with his application for bail. A receipt for the passport from the court dated 27 November was recovered from the appellant's home.
- 20. Defence counsel took DC McFadden through the transcript of the interview in detail and was able to show that Mr Stronach had told many lies. When he came to address the jury, the advocate depute accepted that he had clearly lied about his movements and about his involvement in drugs. But the advocate depute suggested to the jury that it would be easier to accept those parts of the interview which were supported by other acceptable evidence. In particular, he pointed to the evidence of DS Smith, who was not otherwise involved in the investigation, that the Peugeot which Mr Stronach was driving when stopped by the police had been parked outside the appellant's house earlier the same day. The advocate depute also referred to the evidence about the appellant collecting Mr Stronach's passport from his girlfriend's house and taking it to Airdrie Sheriff Court in connexion with his application for bail on the drugs charges arising out of the recovery of the cocaine from the Peugeot. The advocate depute argued that it would be a spectacular coincidence if this did not indicate that the appellant knew of Mr Stronach's involvement with drugs.
- 21. In his supplementary report to the appeal court, Lord Bracadale, summarised the position in this way:

"Taking into account the analysis of the interview of Mr Stronach carried out by [defence counsel] and the concessions made as to his credibility by the advocate depute, the jury would have been most likely to conclude that Mr Stronach did indeed tell many lies in the course of the interview. They would, however, have been entitled to be selective in their view of the evidence of Mr Stronach."

Lord Bracadale then referred to Mr Stronach's previous convictions and added:

"In the circumstances outlined above it is difficult to see how the canvassing of the previous convictions of Mr Stronach before the jury would have bolstered the already largely successful attack on his credibility. It is also difficult to see why knowledge of the previous convictions would have discouraged the jury from being

selective in the approach to the contents of the interview of Mr Stronach."

- 22. Against that background, the appeal court were not persuaded that the failure of the Crown to disclose Mr Stronach's previous convictions resulted in an unfair trial and hence a miscarriage of justice. For exactly the same reasons, I am not persuaded that, if defence counsel had been able to deploy Mr Stronach's outstanding charges as well as his previous convictions, this would have made any material difference. More especially, it would not have affected the fact that the jury, who must have been well aware of the defects in Mr Stronach's statements, could still, with equal plausibility, have accepted those elements, and only those elements, in Mr Stronach's account which were corroborated by other acceptable evidence.
- 23. I am accordingly satisfied that there is no real possibility that the jury would have come to a different verdict on the four charges against the appellant if they had been made aware, not only of Mr Stronach's previous convictions, but of the outstanding charges against him as well. There has therefore been no miscarriage of justice. I would accordingly dismiss Mr Allison's appeal and remit the case to the appeal court to proceed as accords.

## LORD HOPE:

- 24. I agree with Lord Rodger that the appeal must be dismissed, and I would make the same order as he proposes.
- 25. The point of principle which this case raises is whether a failure to disclose outstanding charges against a Crown witness is incompatible with the accused's article 6(1) Convention rights. Had it not been for the passage in the opinion of the appeal court which Lord Rodger has quoted in para 7 of his judgment, I would not have thought that there was now any room for dispute on the point. In *McDonald v HM Advocate* [2008] UKPC 46. 2008 SLT 993, para 51 Lord Rodger said that the decisions of the Board in *Holland v HM Advocate* [2005] UKPC D 1, 2005 SC (PC) 3 and *Sinclair v HM Advocate* [2005] UKPC D 2, 2005 SC (PC) 28 had answered this question. Included within the general description of disclosable material are two classes of material, namely police statements of any witnesses on the Crown list and the previous convictions and outstanding charges relating to those witnesses.
- 26. The rule of law on which that classification is based is that of fairness. In *McLeod v HM Advocate (No 2)* 1998 JC 67, Lord Justice General Rodger said that our system of criminal procedure proceeds on the basis that the Crown have a duty at any time to disclose to the defence information which would tend to exculpate the accused. In *Sinclair v HM Advocate*, para 33 I said that the prosecution is under a duty to disclose to the defence all material evidence in its possession for or against the accused, and that for this purpose any evidence which would tend to undermine the prosecution case or to assist the case for the defence is to be taken as material.
- 27. Sometimes the proposition is worded differently. In *HM Advocate v McDonald* [2008] UKPC 46, 2008 SLT 993, para 50 Lord Rodger said:

"Put shortly, the Crown must disclose any statement of other material of which it is aware and which either materially weakens the Crown case or materially strengthens the defence case (disclosable material)"

Lord Bingham of Cornhill used the same formula when describing the "golden rule" in *R v H and others* [2004] UKHL 3, [2004] 2 AC 134, para 14 when he said:

"Fairness ordinarily requires that any material held by the prosecution which weakens its case or strengthens that of the defendant, if not relied on as part of its formal case against the defendant, should be disclosed to the defence."

In *HM Advocate v Murtagh* [2009] UKPC 36, 2009 SLT 1060, para 11, I said, under reference to *McLeod*, *Holland*, *Sinclair* and *McDonald*, that it was well settled that the Crown must disclose any statements or other material of which it is aware which either materially weakens the Crown case or materially strengthens the case for the defence: see also Lord Rodger, para 48.

- 28. These formulations should however be regarded as expressing what has been described as the golden rule in shorthand. After all, they are describing a decision about disclosure which must normally be taken before the trial. It is a decision which will be based on an assumption as to what may happen in the future. So the question the Crown must ask itself is what the possible effect would be likely to be if the material were to be disclosed. As I said in *R v Brown* (*Winston*) [1998] AC 367, 374, it would be contrary to the principle of fairness for the prosecution to withhold from the defendant material which *might* undermine their case against him or which *might* assist his defence. Lord Collins, referring to what I said in that case, also used the word "might" in *Murtagh*, para 75. That is the way Lord Rodger has expressed the position that the Crown has adopted in this case in para 14, above, and I respectfully agree with it.
- 29. As for the point that troubled the appeal court, it is true that a distinction can be drawn between previous convictions and outstanding charges. But that does not mean that it can be assumed that information about outstanding charges of Crown witnesses can never affect their credibility. It is enough, for the disclosure rule to apply to them as a class, that they *might* do so. Of course the person concerned is presumed to be innocent until proved guilty. But if he is asked the question whether he has ever been in trouble with the police, he must answer it. A false or evasive answer might well be thought by a jury to undermine his credibility. Other circumstances may be envisaged where the fact that charges have been brought against the witness may have that effect. The application of the rule to outstanding charges, as the Crown accepts, is really just based on common sense and every day experience. No-one should now be in any doubt that the disclosure rule applies to them, or as to the reasons why this is so.

#### LORD WALKER:

30. I am in full agreement with the judgment of Lord Rodger. For the reasons that he gives I would dismiss this appeal.

# LORD BROWN:

31. I agree with the judgment of Lord Rodger and, for the reasons that he gives, I too would dismiss this appeal.

#### LORD KERR:

32. I agree with the judgment of Lord Rodger and, for the reasons that he gives, I too would dismiss this appeal.

# HIGH COURT OF JUSTICE OF ENGLAND AND WALES. QUEEN'S BENCH DIVISION

#### IN THE HIGH COURT OF JUSTICE

QUEEN'S BENCH DIVISION.

B e f o r e :

THE HONOURABLE MR JUSTICE TUGENDHAT.

Mr Choudhury (instructed by Taylor Vinters) for the Claimant,
Mr Bowsher QC and Mr Palmer (instructed by Treasury Solicitors) for the Defendant,
Hearing dates: 13 January 2010.

# Mr Justice Tugendhat.

- 1. The Claimant, B2Net Limited, applies for an interim order to prevent the Defendant from continuing with a procurement exercise leading to the award of framework agreements for the provision of IT goods and services to government. It does so on the basis of a challenge to a single question contained in the Defendant's Pre-Qualification Questionnaire (PQQ), the responses to which determined which suppliers would be invited to tender in respect of a framework agreement.
- 2. The Defendant is the executive agency within HM Treasury tasked with providing certain services relating to procurement for the public sector. In particular, the Defendant facilitates framework agreements for a variety of products and services.
- 3. The Claimant contends that a procurement exercise being conducted by the Defendant is in breach of the requirements of the *Public Contracts Regulations 2006* ("the Regulations"), the relevant EC Directive (The Regulations implement Directive 2004/18/EC on the Co-ordination of procedures for the award of public works contracts) and general EC principles of non-discrimination and transparency. The breach means that the Claimant is excluded from proceeding to the tender stage of the procurement exercise despite having scored the maximum available marks in almost all categories in the PQQ. An interim order to suspend the exercise is one that is provided for by reg 47(8) where a breach of the duties owed to a person such as the claimant is alleged.

# THE TEST TO BE APPLIED:

- 4. Mr Choudhury for the Claimant submits that the considerations governing an application for interim relief under reg 47(8)(a) are so similar to those which arise in an ordinary application for an interim injunction (see *American Cyanamid*) that it is appropriate to apply the same principles in determining whether such relief is appropriate: *Lettings International Ltd v London Borough of Newham* [2007] EWCA Civ 1522 at para 12. Accordingly, the Court must consider the following questions:
  - a. Is there a serious issue to be tried? If so,
  - b. Would damages be an adequate remedy; and
  - c. Does the balance of convenience favour maintaining the status quo?
- 5. Mr Bowsher QC for the Defendant does not dissent from this submission. But the position of the Defendant in these proceedings is not easily comparable to that of a defendant against whom interim relief is sought in private law proceedings. Mr

Bowsher submits that the true nature of the applicable principles is better derived from the recent statement of Lord Hoffmann in *National Commercial Bank Jamaica Ltd v Olint Corpn Ltd* [2009] UKPC 16; [2009] 1 WLR 1405:

"16 ... It is often said that the purpose of an interlocutory injunction is to preserve the status quo, but it is of course impossible to stop the world pending trial. The court may order a defendant to do something or not to do something else, but such restrictions on the defendant's freedom of action will have consequences, for him and for others, which a court has to take into account. The purpose of such an injunction is to improve the chances of the court being able to do justice after a determination of the merits at the trial. At the interlocutory stage, the court must therefore assess whether granting or withholding an injunction is more likely to produce a just result. As the House of Lords pointed out in American Cyanamid Co v Ethicon Ltd [1975] AC 396, that means that if damages will be an adequate remedy for the plaintiff, there are no grounds for interference with the defendant's freedom of action by the grant of an injunction. Likewise, if there is a serious issue to be tried and the plaintiff could be prejudiced by the acts or omissions of the defendant pending trial and the cross-undertaking in damages would provide the defendant with an adequate remedy if it turns out that his freedom of action should not have been restrained, then an injunction should ordinarily be granted.

17. In practice, however, it is often hard to tell whether either damages or the cross-undertaking will be an adequate remedy and the court has to engage in trying to predict whether granting or withholding an injunction is more or less likely to cause irremediable prejudice (and to what extent) if it turns out that the injunction should not have been granted or withheld, as the case may be. The basic principle is that the court should take whichever course seems likely to cause the least irremediable prejudice to one party or the other. This is an assessment in which, as Lord Diplock said in the *American Cyanamid* case [1975] AC 396, 408:

"It would be unwise to attempt even to list all the various matters which may need to be taken into consideration in deciding where the balance lies, let alone to suggest the relative weight to be attached to them."

18. Among the matters which the court may take into account are the prejudice which the plaintiff may suffer if no injunction is granted or the defendant may suffer if it is; the likelihood of such prejudice actually occurring; the extent to which it may be compensated by an award of damages or enforcement of the cross-undertaking; the likelihood of either party being able to satisfy such an award; and the likelihood that the injunction will turn out to have been wrongly granted or withheld, that is to say, the court's opinion of the relative strength of the parties' cases.

19. There is however no reason to suppose that in stating these principles, Lord Diplock was intending to confine them to injunctions which could be described as prohibitory rather than mandatory... What is required in each case is to examine what on the particular facts of the case the consequences of granting or withholding of the injunction is likely to be. If it appears that the injunction is likely to cause

irremediable prejudice to the defendant, a court may be reluctant to grant it unless satisfied that the chances that it will turn out to have been wrongly granted are low; that is to say, that the court will feel, ... "a high degree of assurance that at the trial it will appear that at the trial the injunction was rightly granted."

- 6. In his submissions Mr Bowsher addressed first the question whether an interim injunction should be made simply on the basis that damages would be a more than adequate remedy for the Claimant and, on the other hand, serious losses will be suffered by a range of other parties and there can be little certainty that all these losses will be adequately met. It not easy to identify who might be the other parties who might suffer if an interim injunction were granted and the Claimant failed at trial. There is evidence that the Defendant would suffer financially from the grant of an interim injunction, but Mr Bowsher does not advance that as a consideration (as a defendant in private law proceedings would). Rather, the losers will be: others who have submitted applications in competition with the Claimant; the public authorities for whose benefit the exercise is being held, and ultimately the public at large, as taxpayers and recipients of the services of the public authorities.
- 7. While bearing in mind that that is the main point advanced by Mr Bowsher, I shall (after first reciting the background) consider the issues in the order submitted by Mr Choudhury.

## **BACKGROUND:**

- 8. The Claimant is an IT storage company. It provides companies with both hardware and software to improve IT performance, management and storage.
- 9. On 28 July 2009, by an OJEU notice, the Defendant commenced the competitive public procurement to establish a framework agreement for the provision of IT goods and services. The envisaged number of successful operators was 15 at that time. The framework agreement comprises three lots:
- a. Lot 1 Desktop hardware;
- b. Lot 2 IT infrastructure hardware; and
- c. Lot 3 Specialist channel partners for software.
- 10. Responses to the PQQ in respect of the procurement were required to be submitted by 28 August 2009.
- 11. The PQQ was in three sections:
- A General Capability 5 questions with an overall weighting of 20%;
- B Lot Specific Capability 20 questions with an overall weighting of 50%; and
- C Previous Experience 6 questions with an overall weighting of 30%. Of that 30%, the impugned question 6 Breadth of Experience had an overall weighting of 7.5%.
- 12. The Claimant submitted its response to the PQQ by the required date with a view to being selected for an invitation to tender ("ITT") in respect of Lot 2 of the framework agreement.
- 13. On 1 October 2009, the Claimant was informed that the Defendant's evaluation of the responses to the PQQ had been completed and that the Claimant had been unsuccessful.
- 14. From the information provided by the Defendant in a revised debrief document dated 3 December, it was apparent that:
  - i) 20 out of 84 competing suppliers had been successful at the PQQ stage and would be invited to tender for Lot 2;
  - ii) The range of scores of successful suppliers was 935.71 to 970.00 out of an available maximum of 970.00. The original maximum of 1000 points was reduced to 970 following the withdrawal by the Defendant of

one of the questions on the PQQ as a result of a number of challenges brought by bidders;

- iii) The Claimant's score was 922 out of 970. It had therefore failed to be shortlisted by a margin of only 13.71 points (1.4%):
- iv) The Claimant had scored the maximum available points in respect of all but two of the questions set out in the PQQ. These two were:
  - a) Question A5 (Quality Management System) The Claimant scored 12 out of 30 for this question because its ISO 9001 accreditation was still pending. The Claimant does not take issue with this criterion or the score awarded;
  - b) Question L2 C6 (Breadth of Experience) The Claimant scored 45 out of 75 for this question.
- 15. Section C of the PQQ, entitled "Previous Experience" required the Claimant to provide five example contracts from the last three years relevant to Lot 2. Points were awarded in respect of each such contract based on its relevance to the Lot being applied for. The Claimant scored the maximum in respect of each of the contract examples submitted.
- 16. In the same section of the PQQ, question L2 C6 was in the following terms:

"[L1to3 C6 Breadth of Experience]

Separately to the above, marks will be awarded for demonstrating a breadth of experience across the full range of products and services relevant to each Lot. If all 5 examples provided for each Lot are relevant, they will be considered together and an additional mark awarded as below:

- 1. Each of the 5 examples was awarded directly to the bidding organisation
- 2. Each of the 5 examples are drawn from different customers ...
- 3. The 5 examples overall demonstrate capability across the full range of products and services relevant to each Lot.

The marking scheme is as follows:

0 Not all of the 5 examples are relevant or neither criteria are met

- 1 All 5 examples are relevant and one of the criteria is met
- 3 All 5 examples are relevant and two of the criteria are met
- 5 All 5 examples are relevant and three of the criteria are met

<u>Please note, no response to this question is required.</u>" [Emphasis Added by the Claimant]

- 17. This was the only question in the PQQ deemed to be optional. I have been unable to see any significance in this point.
- 18. The questions asked by the Defendant included:

"Confirm the contract was placed direct with your organisation or name the prime contractor concerned"

- 19. The answer given by the Claimant in respect of four of the five examples was in two parts which I have numbered:
- "[1] Prime Contractor DSGI
- [2] All client engagement has been managed directly between B2Net and the customer with DSGI facilitating the purchase through the existing catalist framework. The contract was held between B2Net and the end user".
- 20. I shall refer to part [2] of the answers as the Explanation.
- 21. Upon receipt of the Defendant's notification that it had been unsuccessful, the Claimant sought further information as to the reason for its failure to score the maximum points under section C of the PQQ.
- 22. On 13 October 2009, the Defendant responded as follows:

"B2Net were awarded 3 marks for L2C6 as all 5 examples provided were relevant and two of the criteria were met. Four of the contract examples were not awarded directly to the bidding organisation. The response provided states that DSGI was the prime contractor in each of those examples. Therefore point 1 above [i.e. the criterion that each of 5 examples was awarded directly to the bidding organisation] was not met. We are satisfied that the scoring of this question is correct and consistent with the instructions provided within the PQQ."

23. On 14 October the Claimant replied stating that the writer had anticipated that this would be the area where the Claimant failed to score full marks. The letter continued:

"During the PQQ stage ... the following question was asked [by another bidder] and answered [by the Defendant in a form communicated to the other bidders]

Q72 With regards to the scoring scheme for example contracts, where a contract was placed directly, owned and driven by the reseller, but a 3<sup>rd</sup> party was used purely as an invoicing mechanism, will this be scored in line with the 2 point criteria rather than the 5 point criteria...[?]

A72 Such an arrangement would not preclude the Example Contract from scoring 5 points so long as the contract was between the customer and the bidding organisation and not with the 3<sup>rd</sup> party organisation supplying the invoicing mechanism ....

With all the examples offered by B2Net the customer's contract was always delivered by B2Net. The fact that most public sector organisations require to use OGC as a procurement framework means the requirement for a 'direct contract' is very difficult to provide simply due to the frameworks already in place.

DSGI are a partner to use simply as a transactional partner in these instances and are literally only an invoicing mechanism to satisfy procurement rules.

The contract, the delivery and the ongoing support of the solutions we deploy are entirely between B2Net and the end user customer".

- 24. That is the gist of the challenge by the Claimant in these proceedings. The Claimant says that the omission to give full marks to a bidder who failed to give an example in which he had been a prime contractor was in breach of the Regulations.
- 25. The Defendant responded on 23 October 2009 confirming that it was satisfied that the scoring was correct.
- 26. On 12 November 2009, the Defendant wrote to all bidders stating that question A4 "Growth of Business" in the PQQ had been challenged on the grounds of validity and had been removed. Revised results were subsequently issued to all suppliers on 10 December 2009. In the course of revising the results, the Defendant also increased the number of successful suppliers that would proceed to the ITT stage. In the course of this revision, the Defendant drew the line between successful and unsuccessful bidders for Lot 2 immediately above the Claimant's score. This meant that it was not until 10 December 2009 that final confirmation was received as to the successful bidders.

- 27. On 3 December 2009, the Claimant's solicitors gave notice to the Defendant that the scores awarded to the Claimant in the PQQ would be subject to challenge and invited the Defendant to defer any further decision-making in the meantime. The grounds of the Claimant's challenge were set out in a further letter dated 16 December 2009. In particular, it was asserted that question L2C6 was invalid and the grounds for that assertion were set out. The Defendant was once again invited to revisit the scoring process and to confirm that the Claimant would be invited to tender, failing which the Claimant would make a formal challenge under the 2006 Regulations.
- 28. By a letter dated 17 December 2009, the Defendant responded to the Claimant's notice by stating that it did not understand why question L2C6 is considered to be invalid and seeking further explanation from the Claimant. The Defendant further confirmed that the procurement timetable had been adjusted in that invitations to submit tenders were sent to selected suppliers on 11 December 2009 and that the deadline for the receipt of tenders is now 26 January 2010. However, although tenders would now be received about 10 weeks after the original deadline of 11 November 2009, the Defendant only moved the contract issue date by 4 weeks. The marketing launch date of 1 March 2010 remains the same.
- 29. The Claimant's Application Notice was issued on 23 December 2009 with notice of hearing on 7 January 2010. The first response to the Application Notice was not received until 4 January 2010. The Defendant's evidence in response was served shortly before 1.00pm on 6 January 2010.
- 30. It is common ground that the provisions under which Q72 was asked and answered would have permitted the Claimant to ask a corresponding question about what it states was its relationship between DSGI and the customers in the examples which it gave. The Claimant did not take this opportunity, but raised the issue for the first time as set out above.

# THE LAW APPLICABLE TO THE PROCUREMENT PROCESS:

- 31. There is no dispute as to the requirements of the Regulations. They are summarised by Mr Choudhury as follows.
- 32. The Defendant is required to conduct procurement exercises in accordance with the Regulations, the Directive 2004/18/EC and general principles of EC Law.
- 33. In particular, the Defendant is required to treat the Claimant equally with other economic operators and in a non-discriminatory way; and to act in a transparent way: Reg. 4(3)
- 34. In respect of any procurement conducted in accordance with the restricted procedure set out in reg 16 of the Regulations, the Defendant is required to make its evaluation of economic operators in accordance with regs 23, 24, 25 and 26, and may exclude an economic operator from those economic operators from which it will make the selection of economic operators to be invited to tender only if the economic operator:
  - i) may be treated as ineligible to tender on a ground specified in Regulation 23; or
  - ii) fails to satisfy the minimum standards required of economic operators by the Defendant of:
    - a) Economic and financial standing; or
    - b) Technical or professional ability: Reg 16(7)
- 35. In assessing whether an economic operator meets any such minimum standards of technical or professional ability, the Defendant may have regard to any means

- listed in reg 25(2) of the Regulations according to the purpose, nature, quantity or importance of the contract. Those means include, in the case of a public services contract, a public works contract or a public supply contract requiring the siting or installation of work, the economic operator's technical ability, taking into account in particular that economic operator's skills, efficiency, experience and reliability.
- 36. The Regulations do not mention the economic operator's status, i.e. whether as a contractor, sub-contractor or as part of a consortium, in acquiring or otherwise evidencing such technical or professional ability.
- 37. The Defendant is also entitled to limit the number of economic operators which it intends to invite to tender, provided that the contract notice specifies the objective and non-discriminatory criteria to be applied in order to limit the number of such operators: Reg 16(9).
- 38. Reg 47 provides that breach of the Regulations is actionable by any economic operator which, in consequence, suffers or risks suffering loss or damage and those proceedings shall be brought in the High Court.
- 39. In *Lion Apparel Systems Limited v Firebuy Limited* [2007] EWHC 2179 (Ch), [2008] EuLR 191 Morgan J set out the legal principles applicable to the procurement processes such as the one here in question. These included:
  - "35. The court must carry out its review with the appropriate degree of scrutiny to ensure that the above principles for public procurement have been complied with, that the facts relied upon by the Authority are correct and that there is no manifest error of assessment or misuse of power.
  - 36. If the Authority has not complied with its obligations as to equality, transparency or objectivity, then there is no scope for the Authority to have a "margin of appreciation" as to the extent to which it will, or will not, comply with its obligations.
  - 37. In relation to matters of judgment, or assessment, the Authority does have a margin of appreciation so that the court should only disturb the Authority's decision where it has committed a "manifest error".
  - 38. When referring to "manifest" error, the word "manifest" does not require any exaggerated description of obviousness. A case of "manifest error" is a case where an error has clearly been made.
  - 39. I take the above principles from the decision of the Supreme Court of Ireland in *Siac Construction v Mayo County Council* [2003] EuLR 1, and the decision of the Court of First Instance in *Evropaiki Dynamiki v Commission* 12<sup>th</sup> July 2007 at [89]".
- 40. It follows that I have to consider whether the Claimant has raised a serious issue to be tried as to whether the Defendant has breached any obligation under the Regulations or, in assessing the Claimant's response to PQQ, made a manifest error

# IS THERE AN ISSUE TO BE TRIED?

- 41. The most important submissions advanced are in my view the following.
- 42. Mr Choudhury's first submission is that in the first 5 questions in Section C one of the factors identified in PQQ was whether the contract given as an example was placed directly with the applying organisation. The Claimant got full marks on that section, notwithstanding that in four out of its five examples it was a subcontractor. Mr Choudhury submits that this raises issues of consistency and

- transparency: why should the Claimant not have got full marks for the sixth question?
- 43. Mr Bowsher submits that there is no direct comparison between the two sets of questions. The first five questions are so framed that it is clear from PQQ that it is possible for a sub-contractor to score full marks on those questions.
- 44. It appears to me that as a matter of construction the Claimant's case is weak on this point.
- 45. Next Mr Choudhury submitted that there is no rational explanation for marking down a sub-contractor, because a sub-contractor may have, and in this case the Explanation shows that the Claimant did have, all the relevant experience required. It is said that the Claimant had actually done the work under the contracts given as examples. In such cases the prime contractor will have less experience than the sub-contractor, and yet the PQQ system of marking gives the prime contractor a preference.
- 46. There has been no evidence before me, in these interim proceedings, of the meaning of Q72 and A72 (set out in the Claimant's letter of 14 October 2009), and no investigation into the facts of the relationship between the Claimant and DSGI and the customers of DSGI and/or the Claimant in the examples given. It is in issue whether the Explanation that the Claimant gave is either (a) comparable to the facts described in Q72, or (b) such that the Claimant's experience is to be regarded as in all respects similar to that of a prime contractor. These will, or might, be issues for consideration at trial.
- 47. Mr Bowsher submits that if the other questions in PQQ are considered, a prime contractor who has employed a sub-contractor will be identified by his responses to other questions, and so will lose marks at that point, and not, in the end, be accorded a preference over sub-contractors merely as a result of his status as a prime contractor.
- 48. Mr Bowsher submits that the relative marking of prime contractors and subcontractors is a matter within the margin of appreciation allowed to the Defendant.
- 49. Further, Mr Bowsher submits that it would not have been open to the Defendant to give the Claimant marks for the Explanation, since there had been no publication to others that that might be done. It might have been otherwise if the Claimant had asked, and been given a public answer, to a question corresponding to Q72. But in any event, the Explanation raises, or might raise further questions.
- 50. There are a number of other ways in which Mr Choudhury advances this, or a similar point. He submits that the Defendant has given preference to form over substance, and that there is no satisfactory explanation for the marking down of sub-contractors given in the evidence. And in so far as any explanation is given in the evidence, then it raises an issue of transparency: the explanation should have been given in PQQ.
- 51. This is a point on which the court is not well placed to form a view at this stage of the proceedings. My preliminary view is that there is likely to be a material and objectively justifiable difference between a prime and a sub contractor from the point of view of the Defendant. My preliminary view is that the letter of 14 October by the Claimant is unconvincing in seeking to assimilate the two, even where the sub-contractor has in effect done all the work. In so far as I am able to form a view of the strength of this point, it appears to me that on this point too the Claimant's case is weak.

52. Given the approach of Mr Bowsher, I am prepared to assume that the Claimant may have raised a serious issue to be tried, but I cannot say that I consider it to be a strong case. On this basis I do not need to consider the merits of the claim further.

# ADEQUACY OF DAMAGES FOR THE CLAIMANT:

- 53. In his first witness statement for the Claimant Mr Thompson stated that if an injunction is not granted the Claimant will not be able to participate in the process at all and that there would be no prospect whatsoever of being a party to the framework agreement. He goes on to say that "In these circumstances, damages would clearly be a wholly inadequate remedy". He gives no explanation for this conclusion.
- 54. This was pointed out for the Defendant by Mr Cliffe. He stated that the Claimant was not on the existing framework, but had done business as a sub-contractor to a prime contractor who was on the existing framework. There was no evidence to explain why it should not continue to do so.
- 55. Mr Thompson made a second witness statement. He said that being on the new framework would enhance the Claimant's reputation. By this I understand him to mean that the fact that the Claimant was on the framework would give rise to a chance of it obtaining work (whether under or outside the framework) which it would not have if it fails in these proceedings. It would also increase its margin, in that there would be none for the prime contractor. He estimated the increase would be a percentage which he specified. Moreover, DSGI, which was the prime contractor through which it had dealt under the existing framework, was not amongst the 20 selected to tender for the new framework. Accordingly, the Claimant would have to deal through a substitute prime contractor, quite possibly on less favourable terms as to margin.
- 56. Mr Bowsher submits that (assuming no interim relief is granted, but the Claimant succeeds on liability), at the time when this claim would come to the assessment of damages, the new framework will have been in operation for some time, and there will be data from which margins and other relevant figures can be found for the purposes of assessing damages. He accepts that the damages may not be as good a remedy as an injunction, but submits that they will be adequate.
- 57. As to the law, Mr Choudhury submits that the court should take care not to set too high a standard, since that would be to deprive claimants of the effective remedy which reg 47 is intended to provide.
- 58. In response to that Mr Bowsher notes that a higher test for interim relief has been applied in the Court of First Instance in Case T-511/08R, *Unity OSG FZE v Council of the European Union* (Order of 23 January 2009), and so that there a test which applies any similar or lower threshold would not be unlawful. In that case the court said:

"It must be noted that the urgency of an application for interim measures must be assessed in relation to the necessity for an interim order in order to prevent serious and irreparable damage to the party applying for those measures. It is for that party to prove that it cannot wait for the outcome of the main proceedings without suffering damage of that kind...."

59. Applying the test in *Cyanamid*, and accepting the evidence of Mr Thompson, there is nothing upon which I should find that damages would not be an adequate remedy in this case. On the contrary, the evidence suggests that damages would be an adequate remedy, and more readily capable of calculation

- than many claims for damages for loss of business that come before the courts. The longer any assessment of damages is deferred into the term of the new framework, the more evidence there will be.
- 60. I turn to consider the possible injustice if an interim injunction is granted, but the Claimant fails to establish his case at trial.
- 61. Mr Bowsher submits that an interim injunction would cause significant losses and other prejudice to a large number of entities, both private and public. Given the extensive range of public purchasers that are expected to use this framework (not least because they used the framework agreement which this replaces), it has not been possible to gather comprehensive evidence regarding the impact of delay in implementation of this framework. But there is some evidence from Mr Cliffe. He states that the Defendant facilitates the buying process in a vast and highly complex marketplace providing access to over 500,000 products and services through more than 600 suppliers. The customer base spans the biggest central government departments, NHS Trusts and local councils, through to the smallest schools. I understand that evidence to relate to its activities generally. In relation to the existing framework (due to expire on 30 April 2010) there were orders from customers of £353m between April and September 2009, which he states represents savings of some £23.9m to the UK public sector. There might also be losses suffered by other bidders in respect of the delay to the current procedure that would follow from the grant of an interim injunction.
- 62. It seems to me very unclear how any losses that might be suffered by public sector buyers or by other bidders could be advanced in a claim on any cross-undertaking in damages. But that does not mean that there would be no damage done by the grant of an injunction. The disruption must inevitably be damaging, or so it seems to me. The remedy under a cross-undertaking, however framed, does not appear to me to be one that would be adequate to prevent injustice. That will not of itself preclude the grant of an injunction, for which the Regulations make specific provision. But it is a factor to be considered.
- 63. There was some debate between the parties as to the time for which any suspension of the procedure would be likely to last, when a trial of this action might take place, and whether or how the existing framework could be extended to cover that period. I do not need to consider this point in detail. It is difficult to predict what the issues might be in the trial. It might be tried substantially on the documents before me, or it might give rise to complicated disclosure and factual issues. It is impossible to predict when a trial might take place or the period for which the suspension would be required.
- 64. If I had formed the view that the Claimant's case on the merits was a strong one, then that might have weighed in the balance in its favour. But that is not this case.
- 65. Accordingly I dismiss this application on the ground that damages would be an adequate remedy for the Claimant, but not for the numerous other parties who would be affected by the suspension of the procedure which the Claimant seeks. OTHER POINTS:
- 66. Mr Bowsher advanced a number of other points on which I can state my conclusions very briefly. I would not have refused an injunction (if it were otherwise just to grant it) on the basis that the Claimant could not give an adequate cross-undertaking in damages. In this case that would not be a sufficiently significant factor.

- 67. Mr Bowsher takes no point on the three month limitation period (explaining that the judgment of the ECJ on this point in *Case C-406/08*, *Uniplex (UK) Ltd v NHS BSA* is expected to appear very shortly). Mr Bowsher does rely on the delay that has occurred. The loss of marks to those with experience as subcontractors was evident when the PQQ was published. The Claimant did not raise the point until October, and then delayed commencing proceedings until 23 December.
- 68. There is force in this point. Had I been otherwise undecided, this would have weighed significantly against the Claimant in my judgment. See especially *Jobsin Internet Services v Department of Health* [2001] EWCA Civ 1241, [2001] EuLR 685 paragraphs 33 & 38 CONCLUSION:
- 69. For these reasons I dismiss this application.

#### NORTHERN IRELAND COURT OF APPEAL

## IN HER MAJESTY'S COURT OF APPEAL IN NORTHERN IRELAND.

APPEAL BY WAY OF CASE STATED FROM A DECISION OF THE FAIR EMPLOYMENT TRIBUNAL IN ACCORDANCE WITH ARTICLE 90 OF THE FAIR EMPLOYMENT AND TREATMENT (NORTHERN IRELAND) ORDER 1998 AND ORDER 61 OF THE RULES OF THE SUPREME COURT (NORTHERN IRELAND) 1980.

[1] This is an appeal by way of case stated from the Fair Employment Tribunal ("the Tribunal") delivered on 14 April 2008. The respondents/appellants were represented by Ms Noel McGrenera QC and Mr Jonathan Dunlop while the applicant/respondent is a litigant in person.

### **Background facts:**

- [2] In 1999 the respondent was a serving officer in the Royal Ulster Constabulary, now the Police Service of Northern Ireland and on 6 August 1999 and Internal Force Message was circulated amongst serving officers inviting applications for officers to be seconded to Kosovo for a 12 month period of deployment commencing in mid-September 1999. The request for the deployment, which emanated from the United Nations and was co-ordinated by the Home Office, was for a total of 60 officers comprising a superintendent as contingent commander, two inspectors, eight sergeants and forty nine constables with two sergeants and four constables to act as reserves.
- [3] One hundred and six officers applied in response to the invitation and a "paper sift" was carried out in August 1999 by the first named appellant. A total of 71 officers, including the respondent, were selected following the paper sift.
- [4] The next stage of the selection process was a training course that was to be held at various police venues in Northern Ireland between 27 September and 15 October 1999 to be followed by a week's attendance at the training centre of the Garda Siochana at Templemore, County Tipperary.
- [5] The second named appellant, who was then serving as the Deputy Regional Head of CID for the Belfast Region, was selected by the Chief Constable to be the Superintendent in charge of the contingent and on 14 October 1999 the second named appellant decided that the respondent was to be included in the reserve list rather than amongst the 60 officers to be initially deployed. On 14 October 1999 the second named defendant communicated his decision to the officers concerned informing them that only 60 were required by the United Nations although the Chief Constable had confirmed that he was quite prepared to permit all 68 officers to be deployed, including the eight placed on the reserve list. The second named defendant explained that no stigma should be attached to an officer placed on the reserve list and that all officers should complete the course since he had no doubt that the reserves would be deployed

before the year ended and, if not, they would be included in the next deployment. The respondent was clearly dissatisfied with being placed on the reserve list and emphasised to the second named appellant his desire to be included among those initially deployed. When the second named appellant reminded him that he had a number of outstanding cases including a number of assaults on the police which were invariably contentious he insisted that they could all be "sorted out" leaving him free to be included. On 15 October 1999 the respondent again spoke to the second named appellant at the canteen at Garnerville training facility. And there was a further discussion about his selection for the reserve list.

- [6] On 4 November 1999 the respondent submitted an application to the Tribunal making complaints of victimisation, sexual and religious discrimination. The hearing was conducted before the Tribunal between 8-12, 15-19 and 30-31 October 2007, the 15 and 16 November 2007 and 13 December 2007. On 14 April 2008 the Tribunal delivered its decision unanimously dismissing the respondent's claims of victimisation and sexual discrimination but upholding the claim of direct religious discrimination.
- [7] On 21 May 2008 the appellants submitted a requisition to the Tribunal to state a case raising eight questions for the opinion of this court. On 1 October 2008 the Tribunal stated a case helpfully reducing the questions for the opinion of this court to a total of two. These are:
- "(*i*) Whether the Tribunal, on the facts proved or admitted was correct in law in deciding the appellants had not discharged the burden of proof, pursuant to Article 38A of the Fair Employment and Treatment (Northern Ireland) Order 1998?
- (ii) Whether the Tribunal's decision, on the facts proved or admitted, was a decision which no reasonable Tribunal could have reached and was perverse in law?"

#### The evidence before the Tribunal:

- A wide range of issues were canvassed before the Tribunal during a hearing which lasted some 15 days and produced a judgment running to some 44 pages. That judgment was highly critical of the procedure adopted by the second named appellant for the purpose of selecting those who were to be included in the initial deployment and referred to it as having been carried out "in a somewhat informal/ad hoc way" with "no documentation/record properly kept" to demonstrate the basis upon which the assessments had been made. The second named defendant maintained that his decision to place officers on the reserve list had been based upon an assessment of various specific criteria including application scores, sick records, performance on the training course as described by other supervisors, complaints against officers and outstanding court cases. The Tribunal recorded that, in such circumstances, it would have expected to be furnished with proper detailed document/records identifying specific candidates and clearly and transparently recording the assessment of each such candidate against the relevant criteria. The second named appellant was unable to give detailed evidence of the basis upon which the performance of candidates during the training course had been assessed explaining that it came down to a matter of judgment on his part based on his experience. He said that if no adverse comment had been made about any particular candidate he assessed that candidates performance as "good" and did not further investigate the matter.
- [9] The Tribunal recorded that the crucial factor relied upon by the second named appellant as the basis for his decision to include the respondent in the reserve list had been a specific adverse comment that the second named appellant alleged had been made about the respondent's performance during the training course. The comment was that the respondent had been over enthusiastic in relation to the use of handcuffs. The

Tribunal described the second named appellant as being "extremely vague" about this comment, being unable to remember the circumstances under which it had been made, and by whom it had been made although he believed that it had been made by one of the trainers and relayed by one of the training inspectors. During his evidence he expressed the view that it had probably been reported by him by Inspector Douglas. The second named appellant explained that, as a result of hearing this comment, he had concerns about the respondent's suitability in the volatile environment of Kosovo and that, as a result, he made enquiries of the Personnel Department in order to discover whether any allegations/complaints had been made by members of the public against the respondent. He said that he was informed by the Personnel Department that there had been complaints/allegations against the respondent by members of the public which related to alleged assaults and incivility. He agreed that he had not obtained any records or other details when making his enquiry. No such enquiries were raised with the Personnel Department about any other participant in the training course and the second named appellant maintained that such action was unnecessary in the absence of a similar adverse comment.

- [10] The Tribunal rejected the second named appellant's evidence that he had received an adverse comment about the performance of the respondent during the training course for the following reasons:
- (i) There was no written record of receiving the comment.
- (ii) The second named appellant had not included any specific reference to the comment in either his contemporaneous journal or witness statements.
- (iii) Despite the significance of the comment it had not been mentioned by the second named appellant to the respondent on either 14 or 15 October at times when the respondent had obviously been very anxious to learn as much as possible about the reason for being placed on the reserve list.
- (iv) The said comment had not been referred to during the subsequent grievance procedure brought by the respondent.
- (v) The second named appellant had been extremely vague about this aspect of his evidence.
- (vi) Despite expressing the view that the comment had probably been made by Inspector Douglas, the second named appellant had not called that officer as a witness. In such circumstances, the Tribunal came to the conclusion that Inspector Douglas' evidence would not have supported the second named appellant in accordance with the decision in Lynch v Ministry of Defence [1983] NI 216.
- [11] Having rejected the second named appellant's evidence about the alleged adverse comment on the respondent's performance in the training course. The Tribunal concluded that the respondent had established facts from which the Tribunal could conclude, in the absence of an adequate explanation, that the appellants had committed an act of discrimination against the respondent on the grounds of religious belief. In reaching those conclusions the Tribunal relied upon the provisions of Article 38A of the Fair Employment and Treatment (Northern Ireland) Order 1998 (the 1998 Order) and the jurisprudence relating to the interpretation thereof including Igen v Wong [2005] IRLR 258, Laing v Manchester City Council [2006] IRLR 748, Madarassy v Nomura International Plc [2007] IRLR 246, McDonagh and Others v Samuel Tom T/as The Royal Hotel Dungannon [2007] NICA 3 and Arthur v Northern Ireland Housing Executive and SHL (UK) Ltd [2007] NICA 25.

#### The relevant law:

[12] Part III of the 1998 Order prohibits discrimination in the field of employment and Article provides as follows:

- "(1) In this order 'discrimination' means –
- (a) Discrimination on the ground of religious belief or political opinion;
- (2) The person discriminates against another person on the ground of religious belief or political opinion in any circumstances relevant for the purposes of this order if –
- (a) On either of those grounds he treats that other person less favourably than he treats or would treat other persons;"

Article 38A of the 1998 Order which relates to the burden of proof provides as follows: "Where on the hearing of a complaint under Article 38, the complainant proved the facts from which the Tribunal court apart from this Article, conclude in the absence of an adequate explanation that the respondent –

- (a) committed an act of unlawful discrimination ... against the complainant; or
- (b) is by virtue of Article 35 or 36 to be treated as having committed such an act of discrimination ... against the complainant, the Tribunal shall uphold the complaint unless the respondent proves that he did not commit or, as the case may be, is not to be treated as having committed that act."

#### **Conclusions:**

[13] The appellant's advisors criticised the Tribunal's rejection of the second named appellant's evidence relating to the adverse comment upon a number of grounds. For example, they submitted that it was hardly surprising that the second named appellant had not recorded the comment in the context of the Tribunal's finding that he had generally carried out the selection exercise in an "informal/ad hoc way" without properly keeping any documents or records. They also emphasised the fact that neither the respondent nor the Tribunal had ever directly suggested to the second named appellant that he had fabricated his evidence about the comment and, indeed, that the fact that he had not done so was supported to some extent by the reference at paragraph 5 of the written statement by Chief Superintendent Wilson to the fact that the second named appellant had provided course performance as one of the reasons for placing the respondent on the reserve list. The witness statement made by Chief Inspector, as he then was, Wilson was admitted before the Tribunal as hearsay evidence on behalf of the claimant – see paragraph 3.18 of the Tribunal's decision. They further submitted that the fact that the second named appellant had spoken to the inspectors and trainers about conduct on the training course would have been clear from the second named appellant witness statement and journal entry. The plaintiff's own witness statement confirmed that the second named appellant had told him that he had spoken to and taken into account the comments made by the inspectors responsible for the training course specifically recording that:

"I asked Superintendent Middlemiss did the directing staff from COT trainers say anything about my performance during training. He replied, 'Yes, it is because of comments made and your Courts list that you are on the reserve list'."

The appellant's advisors also drew the attention of the court to the fact that, apart from the reference to the adverse comment, the Tribunal had been prepared to accept and relied upon every other key point in the second named appellant's evidence.

[14] It is clear from the relevant authorities that the function of this court is limited when reviewing conclusions of facts reached by the Tribunal and that, provided there was some foundation in fact for any inference drawn by a Tribunal the appellate court should not interfere with the decision even though they themselves might have preferred a different inference. As Carswell LCJ, as the then was, observed in <a href="Chief Constable of the Royal Ulster Constabulary and Assistant Chief Constable A H v Sergeant A">Chief Constable A H v Sergeant A</a> [2000] NI 261 at 273:

- "[4] The Court of Appeal which is not conducting a rehearing as on an appeal, is confined to considering questions of law arising from the case.
- [5] A Tribunal is entitled to draw its own inferences and reach its own conclusions, and however profoundly the appellate court may disagree with its view of the facts it will not upset its conclusions unless –
- (a) there is no or no sufficient evidence to found them, which may occur when the inference or conclusion is based not on any facts but on speculation by the Tribunal (Fire Brigade Union v Fraser [1998] IRLR 697 at 699, per Lord Sutherland); or
- (b) the primary facts do not justify the inference or conclusions drawn but lead irresistibly to the opposite conclusion, so that the conclusion reached may be regarded as perverse; Edwards (Inspector of Taxes) v Bairstow [1956] AC 14, per Viscount Simmons at 29 and Lord Radcliffe at 36."
- However, this court would wish to emphasis the need for a Tribunal engaged in determining this type of case to keep in mind the fact that the claim is founded upon allegation of religious discrimination. The need to retain such a focus is particularly important when applying the provisions of Article 38A of the 1998 Order. In both the decision and the case stated the Tribunal recorded that it had taken into account the fact that both Protestants and Catholics were selected for deployment, that both Protestants and Catholics were included in the reserve list and that the second named appellant, who was a Protestant, had previously been married to a Catholic and that his children and grandchildren were Catholic. However, in this context, another finding of fact by the Tribunal which was in our view fundamental was that, prior to the selection process for the reserve list, the second named appellant did not know the respondent – see paragraph 6.4 of the Tribunal's decision and paragraph 3.1(7) of the case stated. Neither the decision nor the case stated contains any reference as to whether, and if so how, the Tribunal gave specific consideration to the basis upon which this complete lack of prior knowledge of the respondent by the second named appellant could be reconciled with an inference of religious discrimination.
- [16] In <u>Laing v Manchester City Council</u> [2006] 1519, the case of alleged racial discrimination, Elias P said at paragraph 71:

"There still seems to be much confusion created by the decision in <u>Igen [2005] ICR 931</u>. What must be borne in mind by a Tribunal faced with a race claim is that ultimately the issue is whether or not the employer has committed and act of race discrimination. The shifting and the burden of proof simply recognises that there are problems of proof facing an employee which it would be very difficult to overcome if the employee had at all stages to satisfy the Tribunal on the balance of probabilities that certain treatment had been by reason of race."

In the Sergeant A case Carswell LCJ, as he then was, said at page 273:

- "[3] Discrepancies in evidence, weaknesses in procedures, poor record-keeping, failure to follow established administrative processes or unsatisfactory explanations from an employer may all constitute material from which an inference of religious discrimination may legitimately be drawn. But Tribunals should be on their guard against the tendency to assume that every such matter points towards a conclusion of religious discrimination, especially where other evidence shows that such a conclusion is improbable on the facts."
- [17] In this case the Tribunal purported to follow the guidelines set out in <u>Barton v Investec Henderson Crosthwaite Securities Limited [2003] IRLR 332</u> as approved in the Court of Appeal in England and Wales in <u>Igen v Wong [2005] IRLR 258</u> and in this jurisdiction in <u>McDonagh and Others v Samuel Tom T/as The Royal Hotel, Dungannon(2007) NICA 3</u>. The approach that it adopted was first to consider in

isolation the second named appellant's evidence relating to the adverse comment and, having rejected that evidence, to conclude that the respondent had established facts from which the Tribunal could infer that the appellants had committed an act of discrimination against the respondent, namely, treating unfavourably by comparison with his Protestant comparators by consulting the records of public complaints held by Department B and doing so on the ground of his religion. In our view this was a flawed and over mechanistic approach as a result of which the Tribunal appears to have failed to give consideration to facts of fundamental importance namely that neither the respondent nor his religious persuasion had been known to the second named appellant prior to the selection exercise. At paragraph 4.4 of the original decision in the course of a careful analysis of relevant authorities the Tribunal included the following words from the decision of the Court of Appeal in England and Wales in Madarassy v Nomuri International Plc [2007] IRLR 246:

"The burden of proof does not shift to the employer simply on the claimant establishing a different in status (eg sex) and a difference in treatment. Those bear facts only indicate a possibility of discrimination. They are not without more, sufficient material from which a Tribunal 'could conclude' that, on the balance of probabilities, the respondent had committed an unlawful act of discrimination. 'Could conclude' in Section 63A(2) must mean that 'a reasonable Tribunal could properly conclude' from all the evidence before it. This would include evidence adduced by the claimant in support of the allegations of sex discrimination, such as evidence of a difference in status, difference in treatment and the reason for the differential treatment. It would also include evidence adduced by the respondent contesting the complaint. Subject only to the statutory 'absence of an adequate explanation' at this stage, the Tribunal needs to consider all the evidence relevant to the discrimination complaint, such as evidence as to whether the act complained of occurred at all, evidence as to the actual comparators relied on by the claimant to prove less favourable treatment, evidence as to whether the comparisons made by the complainant were of like with like as required by Section 5(3), and available evidence of the reasons for the differential treatment .... Although Section 63A(2) involves a two-stage analysis of the evidence, it does not expressly or impliedly prevent the Tribunal at the first stage from hearing, accepting or drawing inferences from evidence adduced by the respondent disputing and rebutting the claimant's evidence of discrimination. The respondent may adduce evidence at the first stage to show that the acts which are alleged to be discriminatory never happened; or that, if they did, they were not less favourable treatment of the claimant; or that the comparators chosen by the claimant or the situations with which comparisons are made are not truly like the claimant or the situation of the claimant; or that, even if there has been less favourable treatment of the claimant, it was not on the grounds of her sex or pregnancy (in this case religion). Such evidence from the respondent could, if accepted by the Tribunal, be relevant as showing that, contrary to the claimant's allegation of discrimination, there is nothing in the evidence from which the Tribunal could properly infer a prima facie case of discrimination on the prescribed ground."

The Tribunal also referred to the view of Elias J in <u>Laing</u>, quoted with approval by Campbell LJ in the <u>Arthur's</u> case, that it was obligatory for a Tribunal to go through the formal steps set out in <u>Igen</u> in each case. As Lord Nicholls observed in <u>Shamoon v</u> Chief Constable of the Royal Ulster Constabulary [2003] NI 174:

"Sometimes a less favourable treatment issued cannot be resolved without, at the same time, deciding the reason why issue. The two issues are intertwined."

[18] In relation to the respondent's allegation of sex discrimination the Tribunal correctly applied the observations of Mummery LJ in <u>Madarassy</u> in holding that simply

proving unfavourable treatment and a different status, in that context sex, gave rise merely to a possibility of discrimination and was not sufficient to shift the burden of proof. The Tribunal recognised that a similar situation existed in relation to the respondent's claim for religious discrimination insofar as he had established unfavourable treatment and a difference of status, in this context religion, between himself and Constables R and B but again accepted that those facts alone would not have been sufficient to shift the burden of proof. However, the crucial difference for the Tribunal appears to have been its finding that the evidence of the second named appellant relating to the adverse comment had not been made. At paragraph 7.7 the Tribunal stated that it had no hesitation in concluding that the burden of proof had shifted as a consequence of this finding. In our view that was a flawed approached to the evidence. The evidence about the making of the adverse comment was the rationalisation put forward by the second named appellant for carrying out the enquiries with Department B. The Tribunal found not only that such enquiries had been made by the second name appellant but that such enquiries would have been reasonable and appropriate had the adverse comment been made. In the circumstances we consider that the proper approach for the Tribunal to have adopted would have been to consider that rationalisation in the context of the surrounding evidence and not in isolation in relation to the issue as to why the enquiries with B Department were made about an officer whose identity and religion had been completely unknown prior to and during the selection process. In such circumstances only one inference could reasonably have been drawn, namely, that the enquiries were stimulated by a comment of the nature described by the second named appellant rather than on the ground of the respondent's religion.

#### **SCOTTISH SHERIFF'S COURT**

# SHERIFFDOM OF LOTHIAN AND BORDERS AT EDINBURGH.

Judgement of Sheriff Kathrine EC Mackie

In causa

MR MARK ADAMS residing at 20a Binny Park Broxburn EH52 6NP, PURSUER,

against

THE NATIONAL INSURANCE AND GUARANTEE CORPORATION LIMITED

a company incorporated under the Companies Act and having a place of business at Kirkstane House 139 St Vincent Street Glasgow G2 5JF, DEFENDERS.

(SC 858/08)

Edinburgh June 2009.

The Sheriff having resumed consideration of the cause Finds the following facts admitted or proved:-

- [1]. The pursuer is aged 48 years. He resides at 20a Binny Park Ecclesmachan. He is an Information Technology specialist.
- [2]. The defenders are an insurance company having a place of business at Kirkstane House 139 St Vincent Street Glasgow. Miss Wanda Milne is covered by a policy of insurance with the defenders to drive a motor vehicle registration number J30 BEN.
- [3]. On 27<sup>th</sup> July 2007 the pursuer was driving his motor vehicle registration number M550 APU in Queensferry Road Edinburgh. He was stationary at traffic lights. The defenders' insured, Miss Wanda Milne, driving motor vehicle registration number J30 BEN collided with the rear of the pursuer's vehicle.
- [4]. The collision was the fault of the defenders' insured.
- [5]. As a result of the collision the pursuer sustained a flexion extension movement resulting in some tearing of the muscles in his left upper back and soreness in his left shoulder.
- [6]. The pursuer attended his General Practitioner and was prescribed ibuprofen. He was referred to a physiotherapist. Between 27<sup>th</sup> August and 13<sup>th</sup> December 2007 the pursuer received about 20 sessions of manipulation, massage, acupuncture and laser treatment. His sleep was disturbed. Initially he suffered constant pain. His upper body movement was restricted.
- [7]. The pursuer did not take time off work. He reduced the amount of driving he

would normally undertake. He was unable to resume his hobbies of yoga, woodworking and fishing until after he had completed physiotherapy.

[8]. He recovered within 12 months from the date of the accident although he continues to suffer some discomfort following periods of activity or inactivity. THEREFORE grants decree against the defenders for payment to the pursuer in the sum of (First) Four Thousand Pounds (£4,000) Sterling with interest at the rate of 4 per cent per annum from 27<sup>th</sup> July 2007 until 26<sup>th</sup> July 2008 and at the rate of 8 per cent per annum from 27<sup>th</sup> July 2008 until payment; (Second) Forty Pounds (£40) Sterling with interest at the rate of 8 per cent per annum from the date of decree until payment and (Third) Seventy Five Pounds (£75) Sterling with interest at the rate of 8 per cent per annum from the date of decree until payment; Finds the defenders liable to the pursuer in expenses and fixes a hearing for the assessment of expenses to take place within the Sheriff Court House 27 Chambers Street Edinburgh on

NOTE:

- [1]. The pursuer claims damages for the loss injury and damage caused by the defenders' insured in the accident on 27<sup>th</sup> July 2007. Liability was admitted. Prior to proof a joint minute of admissions was lodged whereby it was agreed that the medical report by Dr WA Campbell dated 18<sup>th</sup> (sic) March 2008 was to be treated as the medical evidence in the case, that the pursuer had recovered within the time period stated in Mr (sic) Campbell's prognosis, namely within 12 months from the date of the accident, that the pursuer had suffered loss of use in the sum of £40 inclusive of interest and inconvenience in the sum of £75 inclusive of interest. Only the amount of solatium was in dispute.
- [2]. On 27<sup>th</sup> July 2007 the pursuer was driving his motor vehicle registration number M550 APU in Queensferry Road Edinburgh. While he was stationary at traffic lights the defenders' insured driving motor vehicle registration number J30 BEN collided with the rear of his vehicle.
- [3]. The pursuer gave unchallenged evidence about the consequences of the accident. Initially he suffered soreness to his left shoulder and left upper back. He had limited movement and constant pain. He attended his GP and was prescribed ibuprofen. On a scale of 1 to 10 the pain was about 8. He did not take time off work but restricted the amount of driving and worked more from home. His area of responsibility was the whole of Scotland. He was referred to a physiotherapist and underwent about 20 sessions of manipulation, massage, acupuncture and laser treatment. At the conclusion of the physiotherapy sessions the pain was about 5 on the scale of 1 to 10. It was agreed with the physiotherapist that further sessions would be of minimal value. His sleep was disturbed. He had difficulty driving because of his restricted movement. He was unable to pursue his hobbies of yoga, fishing and woodworking until he had completed the physiotherapy sessions. He had resumed his yoga on a restricted basis and could carry out his woodworking with assistance in lifting. By March 2008 the pain had reduced to about 2 on a scale of 1 to 10. He continued to suffer pain in his back particularly after a period of inactivity or activity. He was able to tolerate the level of discomfort.

- [4]. Dr WA Campbell, General Practitioner, examined the pursuer on 18<sup>th</sup> March 2008. His report dated 28<sup>th</sup> March 2008, which was agreed, states that the pursuer suffered a flexion extension movement resulting in some tearing of the muscles in his upper back. On examination there was some tenderness over the muscle below the left scapula but movements were otherwise full. Prolonged physiotherapy was considered to have been successful and the pursuer was largely symptom free. No long term sequelae were expected.
- [5]. It was agreed that the pursuer had recovered within 12 months from the date of the accident although on the basis of the pursuer's evidence the pursuer's agent submitted that recovery was to a nuisance level rather than full recovery.
- [6]. The pursuer's agent submitted that a reasonable value for solatium was the sum of £4,000, that interest should be applied at the rate of 4% from the date of the accident for a period of 12 months and at the rate of 8% thereafter. In support of her submission I was referred to the following:-
  - 1) Urqhuart-v-Coakley Bus Co Ltd 2000 GWD 27-1047,
  - 2) McGuire-v-Nicholson 6 November 2002 Unreported (Sheriff Jessop Stonehaven),
  - 3) MacDonald-v-Bruce 8 August 2008 Unreported (Sheriff Evans Cupar),
  - 4) Moir-v-Wilson 1 July 2002 Unreported (Sheriff Mackay Kilmarnock),
  - 5) Spencer-v-Baron 4 February 2008 Unreported (Sheriff Morrison Edinburgh),
  - 6) MacQuarrie-v-McKinstray 2007 SLT(Sh Ct) 120,
  - 7) The Judicial Studies Board Guidelines for the assessment of General Damages in Personal Injury Cases (9<sup>th</sup> Edition).
- [7]. With regard to the Judicial Studies Board Guidelines the pursuer's agent submitted that the pursuer's injuries fell between a moderate neck injury and a minor back injury resulting in a range of awards between £2,750 and £5,000. She submitted that the pursuer had made a fairly protracted recovery with residual nuisance level discomfort.
- [8]. The defenders' agent submitted that a proper value for solatium was in the range between £1800 and £2250. She agreed that interest should be applied at the rate of 4% for a period of 12 months and thereafter at the rate of 8%. In support of her submission I was referred to the following decisions:-
  - 1) Hall-v-Cockburn 16 February 2009 Unreported (Sheriff Hammond Ayr),
  - 2) Sharp-v-Watt 19 March 2008 Unreported (Sheriff Muirhead Linlithgow),
  - 3) Fairley-v-Thomson 2 September 2004 Unreported (Sheriff Allan Edinburgh),
  - 4) Valentine-v-McGinty 20 May 2008 Unreported (Sheriff Kinloch Linlithgow),
  - 5) Traynor-v-Kidd 1 August 2008 Unreported (Sheriff Paterson Dundee).

[9]. With regard to the Judicial Studies Board Guidelines the defenders's agent submitted that the Guidelines had not been "in force" at the time of many of the decisions referred to on behalf of the pursuer. Subsequently she agreed that they were no more than guidelines.

### Discussion:

- [10]. The only issue in dispute at proof was the amount of damages for the pain and suffering of the pursuer as a result of the injuries sustained by him in the accident on 27<sup>th</sup> July 2007. Liability was admitted. Dr Campbell's report dated 28<sup>th</sup> March 2008 was agreed as the medical evidence in the case. Further the amount of damages for loss of use and inconvenience was agreed.
- [11]. The pursuer gave evidence in a straightforward manner. There was no attempt to embellish or exaggerate. It was his evidence that he continued to suffer discomfort after periods of activity or inactivity at a pain level of 2 in a scale of 1 to 10. That implied that there had been little, if any, improvement in his condition since the examination by Dr Campbell in March 2008. However it was agreed that "the pursuer recovered within the time period stated in Mr (sic) Campbell's prognosis; namely within 12 months from the date of the accident". There is no time period for full recovery contained within Dr Campbell's report. All that is stated is that he does not "expect any long term sequelae from this accident". A letter dated 16<sup>th</sup> May 2008 from Dr Campbell in which it is stated that "If this improvement was maintained I would expect that within 4 months of my examination ie by the middle of July he should be free of symptoms" is lodged in process. However no witness spoke to its terms nor were they the subject of agreement. Nonetheless it is clear from the terms of the joint minute of admissions that parties have agreed that the pursuer recovered within 12 months from the date of the accident. Perhaps recognising the inconsistency between the terms of the joint minute and the pursuer's evidence the pursuer's agent sought to suggest that "recovery" may not mean full recovery but recovery to a nuisance level. If "recovery" was intended to be qualified parties had the opportunity to express any such qualification and have not done so. It is also significant that parties were also agreed in the treatment of interest whereby interest at 4% is to be applied for a period of 12 months and thereafter interest at 8% is to be applied. In my opinion it is clear that parties are agreed that solatium is all in the past and all in the period of 12 months from the date of the accident. Accordingly, notwithstanding the evidence of the pursuer, in terms of parties' agreement damages require to be assessed on the basis that the pursuer recovered from the consequences of the accident within a period of 12 months.
- [12]. It has been said on many occasions that the purpose of an award of damages is to compensate the pursuer in so far as money can for the loss suffered as a result of the accident. Each case requires to be considered on its own facts and circumstances. Each individual's reaction to and the consequences of an accident will inevitably differ. While there may be some similarities between cases there are also likely to be as many differences, such as the ages of the pursuers, the nature of their occupations, their levels of fitness and range of normal activities, their resistance to pain and their attitude towards medical intervention. While no two cases are identical "justice requires that there be

consistency between awards" as Lord Donaldson said in his foreword to the first edition of the Judicial Studies Board Guidelines in 1992.

- [13]. The JSB of England and Wales produced the Guidelines with a view to assisting Judges in the difficult task of assessing the amount of damages in an action where personal injury had been suffered. They were not intended to be a ready reckoner or to fetter judgement in the particular case. The Guidelines are, as Lord Justice Waller said in his foreword to the ninth edition, a "framework for the assessment of damages in personal injury cases". Each edition of the Guidelines has taken account of the impact of inflation and decisions reached subsequent to the issue of the previous edition.
- [14]. Despite the somewhat inexplicable initial suggestion by the defenders' agent that the Guidelines were not "in force" at the time of some of the authorities referred to by the pursuer's agent it was accepted that the Guidelines are no more than guidelines. It is clear from the authorities produced that the Guidelines are not always referred to and where they are referred to they may or may not be influential.
- [15]. The framework of the Guidelines is to identify different types of injury and then to categorise them in terms of severity providing a range of awards for each category of each type of injury. As can be seen in this case, some injuries do not fit easily into one category. The pursuer's agent's submission that the injury suffered by the pursuer fell somewhere between a moderate neck injury and a minor back injury was not challenged by the defenders' agent. According to the pursuer's agent that would produce a range of awards between £2750 and £5000, although in the Guidelines that range appears to apply to minor soft tissue and whiplash injuries where the symptoms are moderate and a full recovery takes place within about two years.
- [16]. Both agents referred to a number of largely unreported decisions which were considered by them to demonstrate the level of awards made in similar cases. It was by no means a comprehensive review of decisions, which may be wholly impractical particularly where unreported decisions are also relied upon, nor was it a review of decisions made since the ninth edition of the Guidelines was produced. It is unsurprising that the decisions referred to by the pursuer resulted in higher awards than those referred to by the defenders. The awards range from £1910 to £3780 allowing for inflation.
- [17]. It is neither necessary nor helpful to analyse each decision to which I was referred. None of the cases appears to me to be directly comparable to the circumstances in this case. While in all the cases the pursuer is said to have suffered a whiplash type injury the nature of that injury and the pursuer's reaction to it differs, as is to be expected. The injury sustained by the pursuer in this case appears to me to be more severe than that described in the decisions to which I was referred. The defenders' agent appeared to me to attempt to minimise the extent of the injury sustained. Dr Campbell reported that the flexion extension movement caused by the accident resulted in some tearing of the muscles in the pursuer's upper back. That appears to me to be significant and describes a more severe injury than those described as a soft tissue injury in the

decisions referred to which may be more in the nature of bruising of the tissue rather than a tearing of muscles. Dr Campbell also reports that the pursuer underwent an "extensive" course of physiotherapy from which I infer that the physiotherapy undertaken was more than might be considered the norm. The pursuer's evidence was that after about 20 sessions a point was reached whereby further sessions would be unlikely to bring about any further recovery. He was prescribed ibuprofen and his sleep was disturbed. As with many individuals, particularly those who are self-employed, the pursuer continued to work notwithstanding the pain and limitations caused by the injury but he was unable to do the amount of driving he would normally do. His hobbies were restricted completely for about 5 months and thereafter he was able to reintroduce them although still to a lesser extent than prior to the accident and in the case of his woodworking with assistance. Some 8 months after the accident the level of pain suffered had reduced from 8 out of 10 to 2/3 out of 10. The pursuer had largely recovered in about one year from the accident. It may be that the pursuer's hobbies in particular yoga may have contributed to the speed with which he did recover.

[18]. In all the circumstances of this case and having regard to the decisions to which I was referred and the Judicial Studies Board Guidelines I consider that an appropriate award of solatium is £4000. As agreed between parties interest will run on that sum at 4 per cent from the date of the accident for one year and thereafter at the rate of 8 per cent.

[19]. It was also agreed that expenses would follow success. A hearing for the assessment of expenses will be fixed unless these are capable of being agreed.

## MAGISTRATES' COURT OF ENGLAND AND WALES. FAMILY DIVISION

#### IN THE FAMILY PROCEEDINGS COURT

Mr. H-D for the Applicant, Miss P for the 1st Respondent, Mr T 2<sup>nd</sup> Respondent<sup>\*</sup> Mr B 3rd Respondent. Justices' Reasons.

- 1. The court is concerned with the one child, "A", approximately 8 months old. A is said to be not a particularly well child, although the extent of this is uncertain as A will be the subject of ongoing future medical testing. Mother is in her forties. Father is in his fifties. The parents are married. A is Mother's fifth child but the second child of both Father and Mother.
- 2. The Local Authority has applied for a care order and a placement order in respect of A. Care plans have been filed. The care and placement applications have been consolidated within these proceedings. The Local Authority seeks a suitable adoptive placement. This was envisaged from a very early stage.
- 3. These proceedings commenced on 1<sup>st</sup> May 2009, an interim care order was made on 5<sup>th</sup> May 2009 and has been renewed on appropriate dates through to this final hearing. A is placed with foster carers with whom A has remained during the course of these proceedings, in effect since birth. The parents have exercised contact throughout these proceedings. This is currently supervised contact, 5 days a week at 2 hours per session.
- 4. The parents opposed threshold, the care order and the placement order sought. They opposed the care plan. They presented as a couple (although separately represented) and wished A returned to them, indicating through submissions of their respective Counsel, in the nature of witness cross examination and in their written statements that they would cooperate with any support services in future. There was no alternative fall back carer put forward by the parents.
- 5. The Guardian supported the Local Authority's applications and the care plan.
- 6. The position of the parents changed by the second day of the final hearing. Both Mother and Father were to give evidence on the second day. On the second day Mother's Counsel stated that the parents did not wish to continue by giving evidence. They did not consent to the applications but did not oppose any more than to the extent they did at the end of the first day. The parents felt the giving of evidence would not take their case further. Father's Counsel indicated that the parents had reflected on the evidence heard on the previous day. It was said Father was unlikely to persuade the court to take a different view to the evidence of the Independent Social Worker. He, Father, knew the court will inevitably make a care order, then a placement order then to an adoption order. He understood the consequences. He no longer opposed the applications.
- 7. The Threshold criteria the Local Authority wishes to establish is set out in the Amended Draft Threshold Criteria document dated the 27<sup>th</sup> November 2009. The Local Authority contends the threshold criteria under Section 31 Children Act are satisfied in that on the relevant date 1<sup>st</sup> May 2009 the child was likely to suffer significant harm and the likelihood of harm was attributable to the care likely to be

given to the child if the Order were not made not being what it would be reasonable to expect a parent to give to a child. This document was amended at the beginning of the second day of final hearing in that the Particulars at paragraph 1 were amended and paragraphs 6, 7 and 8 were abandoned by the Local Authority. The Particulars therefore finally relied on were:-

- 1. A's half siblings, H and R were made subject to full care orders made on 15<sup>th</sup> August 2005 with a care plan of long term foster care, The reasons for these proceedings was that H and R suffered significant harm by being sexually abused by different male associates of their mother, with their mother's knowledge as contained in the Agreed Threshold document dated 17<sup>th</sup> August 2005.
- 2. Within those Care Proceedings, a number of assessments were carried out, none of which were able to recommend the return of (Mother's) children to her care. These assessments were:
  - 1. A Psychological assessment completed by the Chartered Consultant (dated 9<sup>th</sup> May 2005), who concluded that (Mother) had allowed herself to be sexually exploited because she "did not have the ability to form judgements about the appropriateness of them." Also that she was "unlikely to learn appropriate parenting skills within the developmental timescales of her children."
  - 2. A Psychiatric report, completed by the Consultant Psychiatrist (dated 6<sup>th</sup> July 2005). Who commented that "I am afraid that I would not have confidence that (Mother) can parent any of her children well enough to protect them from abuse or other kinds of harm."
  - 3. On 19<sup>th</sup> June 2006 a Care Order was granted in respect of S who was born during the proceedings relating to H and R. Within S's Care Proceedings, a Psychological report was compiled by a Chartered Psychologist (dated 7<sup>th</sup> October 2005). The Psychologist concluded that "I do not believe that (Mother) could protect herself or any child in her care from further sexual abuse."
  - 4. K was born on 21<sup>st</sup> June 2007 and proceedings were commenced immediately and came to a conclusion on 24<sup>th</sup> January 2008 with the making of care and placement orders. There was a contested hearing and the Justices made findings (which were contained within the papers filed with the court).
    - We do not intend to repeat all those findings, as they run to several pages but findings in relation to both parents were, hostility to professionals and lack of insight to Local Authority concerns. In relation to Father findings were violence and threats of violence to his family, violence to mother, violence to neighbours and their children.
  - 5. The Court heard from the chartered psychologist (referred to in 2.1 above) and the following remarks from him were quoted in their judgement
    - (a) "The only way that the risks could be managed was through a package of waking hours (support) 7 days a week until K attained the age of 18 or at least into his teens."
    - (b) That if the allegations of violence against the father were proved "(Father) and (Mother) are probably too risky to be trusted with the care of their child.

- (c) The parents would always be playing catch up with the development of their child.
- 8. As is seen from the Threshold sought to be satisfied, there have been previous care proceedings. They have been in relation to Mother's four elder children:- R, H, S and K. Care orders were made in respect of R and H on 15<sup>th</sup> August 2005. Both are long term fostered. S was born during those care proceedings. A care order was made for S on 19<sup>th</sup> June 2006. He was adopted on 11<sup>th</sup> May 2009. Only K is the child of Father in these proceedings.
- 9. K who is Father and Mother's first child together was placed into foster care the day following his birth. On 24<sup>th</sup> January 2009 a care order and placement order was made for K. On 11<sup>th</sup> May 2009 K was adopted.
- 10. Mother has not had an easy life. Psychological assessments in previous proceedings indicate that her abilities place her in the category of learning disabled. She suffers from V W disease preventing blood clotting properly. She suffers from asthma and, it is said, carries excess weight. She was known to the Local Authority since before R's birth. In early 2003 when living in another part of the country with R and H it came to light those children were being sexually abused by male associates of Mother. R and H told Mother of the abuse but she continued to associate with the males, to bring the children into contact with them and permit them to care for the children without her being present. Mother breached a written agreement with the Local Authority when the children were returned to her care. In the fullness of time, as said, care orders were made for R and H on 15th August 2005. In those proceedings, the psychological assessment of Mother concluded "(Mother) has very limited intellectual ability. She has been unable to perceive the risks to her children - in spite of her own experiences of similar abuse throughout a substantial part of her life". Further, "(Mother) is unlikely to learn appropriate parenting skills within the development timescales of her children. She is unlikely to be able to provide safe parenting against offenders who are commonly skilled in identifying vulnerable people".
- 11. In those 2005 proceedings a parenting assessment of Mother was undertaken by a Consultant Psychiatrist and, despite Mother undergoing protection work with the Lucy Faithful Foundation, he agreed with the said psychological assessment of Mother in relation to Mother's ability to protect and her potential for change. He concluded she was not able to protect R and H from emotional and physical abuse. "Sexual abuse is only one of several risks to children in (Mother's) care. She has difficulty with coping with life's difficulties in general and her description of home circumstances when H and R were living with her indicate a very impoverished and neglectful style of parenting. Her account of (R and H's father's) behaviour towards the children indicates she was not able to protect them from physical and emotional abuse. She has not been able to protect herself and would not be able to protect a child in her care."
- 12. In S's proceedings the psychological assessment concluded "Therefore I do not believe that (Mother) could protect herself or any child in her care from further sexual abuse".
- 13. Father has come to fatherhood late in life. He has had no substantive experience of parenting, both his children including A being removed at birth. He is said to have had a comparatively solitary lifestyle, little socialisation and found his partner late in life. He has his own health problems. He has impaired mobility. The psychological assessment in K's proceedings indicates Father only has a slightly higher rating than Mother in the category of learning disabled.

- 14. In the care proceedings involving the parents' first child together, K, the Psychologist's addendum assessment of 8<sup>th</sup> November 2007 expressed the view "Indications are that (Father and Mother) may both have learning disability to a greater or lesser extent has rendered it unrealistic to employ detailed psychometric assessment often used to investigate personality patterns and potential disorders". The effect of the learning disability for Mother has been to leave Mother vulnerable to exploitation, difficult to acquire new skills and Mother would find it hard to keep up with K's developmental needs. Even if Mother and Father acknowledge support is needed and is asked for the help the parents would need is considerable. The assessment stated "They are likely to require support throughout periods when they are interacting with the child. This will amount to waking hours, seven days a week......" Given Father's impulsive aggression, if this were established the parents were probably "too risky to be trusted with the care of a child".
- 15. The independent parenting assessment concluded each parent was not equipped to care for a child alone. If domestic violence was a feature of the relationship, the presence of Father would not overcome Mother's shortcomings. Even if domestic violence could be disproved the author was "not particularly confident that the couple have sufficient personal resources to meet (K's) needs effectively..." There were too many risk factors.
- 16. In K's proceedings the Justices did make findings as in the Reasons of the 24<sup>th</sup> January 2008 which we do not repeat here in full, but emphasise, from page 4 at Paragraph Ba-Bj "...we have already proven that (Father) has a propensity to commit violence...."
- 17. Given the family history and the way the Threshold document as amended was formulated we considered it important to set out the duration of the problems and refer to attempts to previously support the family. The Local Authority's concerns are a direct consequence of the past events which led to A's removal at birth.
- 18. The precipitating event for these proceedings was A's birth.
- 19. The parental conduct since birth has, it is accepted, been generally good. Both parents have engaged well, have been regular in attending their supervised contact for 2 hours 5 days a week and the quality of contact has been good.
- 20. At this hearing we heard oral evidence from the Social Worker, and the Independent Social Worker, whose instructions were led by the parents but who was called by the Guardian. The evidence of these witnesses was challenged in cross examination by the parents. The Guardian was not called to give evidence. Her written reports were considered. Her evidence was not challenged by the parents. The parents did not give oral evidence in the circumstances we have described above at paragraph 6 and repeat here. Effectively, the parents cannot consent but do not actively oppose.
- 21. We read the bundles submitted including the reports therein. We have had handed up the original reports from the previous proceedings. The previous proceedings Reasons/Court findings were not actively challenged save for the said disagreements with these referred to in the written statements of the parents.
- 22. We were not referred to any statutes nor case law.
- 23. The issues to be determined at this final hearing are whether the Threshold criteria are satisfied pursuant to Section 31 Children Act 1989, is there sufficient information available to this court to enable an accurate conclusion to be reached as to the capacity of A's parents to provide A with good enough parenting, and their ability to demonstrate they have taken on board the professionals concerns and that

- they have the capacity to change or have achieved change in order to address those concerns so that A can be provided with good enough parenting.
- 24. As to the Local Authority evidence, it relied on previous, although relatively recent, psychological and psychiatric assessments in the previous care proceedings some of the conclusions of which are recorded above. While the parents have not accepted these assessments and dispute the findings in their statements they remain unchallenged by the parents who gave no oral evidence. The parents have not produced any contrary expert evidence to refute these findings. The Findings/Reasons of the court in previous proceedings, again, were unchallenged. These, however, are matters of record.
- 25. The evidence of the Social Worker was that she has not seen any significant change in the parents to alleviate the Local Authority's concerns. She concentrated on four criteria. Firstly, the parents inability to work with agencies. Mother did not disclose her pregnancy until late. It was, however, accepted that all ante natal appointments were kept once "booked in". Secondly, historical concerns of sexual abuse. The parents showed no understanding of previous concerns. There was no further insight by the parents. There was insufficient change there. Thirdly, the parents' relationship. Positively for the parents, the fact they were still together was a good thing. There had been no recent complaints to the Police. This was qualified in that she only saw the parents on limited occasions. She was concerned the relationship was sustainable enough for a longer period. She recalled the correspondence of Mother writing to Social Services saying she was scared of Father who threatened to kill her. There was no input from outside agencies sought by the parents. Fourthly, the support from the Local Authority or other agencies. When the parents were asked by the Social Worker about support, they would respond that they would accept any support given. The parents had not approached the Social Worker at all to request any support. There was no insight by the parents as to what support would be needed if A went home. Nothing was said of A's potential special needs. The parents had shown antagonist views of the Local Authority and towards the foster carers. The Social Worker confirmed A's health was not good and that most things would be "found out". She agreed with the Independent Social Worker's report in that A needs a high level of care. In short, her evidence was that the parents had not changed sufficiently so that it was safe to return A to the care of the
- 26. Cross examination of the Social Worker did reveal that the decision of the Local Authority to plan for long term adoption was made at an early stage based on earlier assessments from previous proceedings. Further, it was revealed that the Social Worker did not discuss the final care plan with the parents. The contents were conveyed through solicitors. Her reason for this was that she was told that the parents had made a complaint about her, the exact nature of which was unknown to her. As to this last point, we consider the parents could have been treated more sympathetically in a face to face discussion of the final care plan, but our findings do not, in any way, turn on this point.
- 27. The only other oral evidence we heard was from the Independent Social Worker. She was instructed by the parents to carry out an assessment of the parenting abilities of the parents. A report and supplemental report were prepared, the outcome of which was that she supported the position of the Local Authority and not the parents, in that the final recommendation was that A is not placed into the care of the parents. For that reason the parents did not call her as a witness. She was called by the Guardian.

- 28. The Independent Social Worker stated the parents are in a loving, stable relationship. It is a positive relationship and they are interdependent on each other. Their current home is clean and physically suitable for a child. There is, however, no internal challenge to the relationship. Their commitment to A in contact and the handling of the baby was good. There is no doubt they love A. The main level of concern was their intellectual abilities. Into her overall considerations were the special needs of A. Child A is not a robust child. Mother, in her judgement, did not appreciate the risks of sexual abuse, even after having the support of the specialist Lucy Faithful Foundation Mother had to take some responsibility. Father shows some awareness as to the risks of a child in the parents' care generally but it is documented that when challenged he can become very angry. There were indicators of Father's potential for confrontation. If he reverts to previous behaviour it is an unsuitable environment for A. He has not had anger management, he did not feel the need for it. Father is assessed at an intellectual ability not hugely above that of a child. The parents were untruthful when they said they had given up smoking but had not. A is sensitive to smoking. Mother has her own health difficulties and does not look after her own health needs. There was no direct evidence of A's special needs, a diagnosis is awaited for A's dismorphic features. He sometimes stops breathing. Something is "not quite right" with him. He needs extra handling and sensitivity.
- 29. The reports of the experts in the previous proceedings had been considered by the Independent Social Worker in carrying out her thorough assessment. She states there was no evidence of a change from the findings in those reports. The psychologist's addendum report in 2007 said the parents would need twenty four seven support. The parents have been doing their best, but they have limitations and they are struggling. She has concerns that the parents' relationship can survive A being returned and considers that neither can parent safely individually. There are difficulties, the IQs of the parents cannot be increased, they have health difficulties, there are risks. Not enough evidence has been provided to show that the parents have changed sufficiently to provide an appropriate level of care to A.
- 30. The Independent Social Worker considered a residential assessment of these parents with limitations. It was a difficult decision not to recommend one. It was not disputed the parents could provide a basic level of care but a baby growing up in a non residential assessment setting is a far cry from a residential assessment. The parents were already working to the best of their abilities and any future change would be small. The concerns remained unresolved. The parents cannot grasp risk. She was adamant a residential assessment would not help.
- 31. The parents did not give oral evidence, so their evidence could be challenged. We did consider the parents' written statements. In short, the parents accepted they had learning disabilities, did not agree with the views of previous expert reports, did not agree with findings of the court in previous proceedings and state that they have changed sufficiently and would accept all appropriate assistance so that A could be safely returned to their care.
- 32. The Guardian's evidence was contained in her Reports in respect of the care order application and a further Report in respect of the placement order application. She supports the Local Authority applications. All assessment reports of Mother and Father are not positive and indicate they are not in a position to safely care for A. Granting the orders would ensure A's long term welfare. The care plan is supported. The evidence of the Guardian was not contested by the parents.
- 33. Our conclusions in findings of fact are hereafter.

- 34. We find that as fact the parents cannot contest the agreed Threshold document dated 17<sup>th</sup> August 2005 as to the knowledge of mother of sexual abuse in relation to H and R as contained therein. We accept the assessments and findings of the Consultant Psychologist dated 9<sup>th</sup> May 2005 and the Consultant Psychiatrist dated 6<sup>th</sup> July 2005 that Mother could not protect her children nor likely to learn appropriate parenting skills as said therein. Likewise, we find the findings of the report of the Chartered Psychologist of 19<sup>th</sup> June 2006 in relation to S's proceedings cannot be contested. The findings of the court in K's proceedings cannot be contested, including the quoted remarks of the Chartered Psychologist.
- 35. We found the evidence of the Social Worker, the Independent Social Worker and the Guardian persuasive and accept this evidence. We find A has needs more than that of a normal child, even though A's needs have not been fully determined by medical practitioners. His parents in written evidence accept this. We accept that Mother and Father love A. They have tried their best within their limited intellectual abilities. Both Mother and Father have health problems. They both have learning difficulties. We accept they are in a stable relationship but we have concerns as to their relationship if A were returned to them. In that case there would be a substantial risk to the relationship. Neither parent could parent on their own. There is a long history of Mother failing to protect. Mother does not appreciate the risks of sexual abuse, even though she has received assistance to try to appreciate this. The parents have shown no real understanding of previous concerns of the Local Authority. The parents do not have the ability to protect A. Father has had findings of a propensity of violence and threats made in the past. There is a very real concern that he could revert to previous behaviour. The parents have been slow to engage the support of agencies. The parents have not actively been able to request support unless initiated by the Local Authority. There has been no real insight into the assistance needed should A with all A's needs return to parents' care.
- 36. We accept all the assessment evidence relied on by the Local Authority from previous proceedings. The concerns of the Local Authority are unresolved. We accept the parents cannot grasp risk. Any future change would not be enough. The parents have not changed sufficiently to provide an appropriate level of care. They could not jointly or individually care for A.
- 37. As to Threshold we are satisfied pursuant to Section 31 of the Children Act 1989 that on the relevant date 1<sup>st</sup> May 2009 the child was likely to suffer significant harm and the likelihood of harm was attributable to the care likely to be given to the child if the order were not made not being what it would be reasonable to expect a parent to give to the child. As indicated above Paragraphs 1, 2, 3, 4 and 5 are agreed documents, assessments and findings already made and accepted. The parents in our judgement cannot dispute this. There was no contrary evidence provided by the parents.
- 38. The Threshold criteria having been satisfied, we turn to whether there is sufficient information available to this court to enable an accurate conclusion to be reached as to the capacity of A's parents to provide him with good enough parenting. We mention this since the Independent Social Worker was questioned as to whether a residential assessment in particular should have occurred or could occur in future. We accept the evidence of the Independent Social Worker in this respect that it was not appropriate for the reasons she gave in evidence set out above. We find the court has sufficient information available to it to enable an accurate conclusion. We would also add, that save for the cross examination points raised by Father's

- Counsel as to why a residential assessment was not undertaken no submissions were made as to this point nor did the parents give oral evidence in relation to it.
- 39. We now consider if there is a need for an Order and if so, which Order. We have the child's welfare as our paramount concern. In doing so we address the Welfare Checklist in Section 1(3) of the Children Act 1989. This has been fully addressed by the Guardian and we agree and adopt her assessment of 14<sup>th</sup> December 2009 as our own. In particular we mention: at Paragraph 7(d) the health issues of A and possible potential illness and/or disability; at Paragraph 7 (e) as to harm, the history of Mother and Father suggesting they are not in a position to safely parent A; at Paragraph 7(f) as to the capability of the parents, the expert assessments referred to therein and the assessment of the Independent Social Worker recommends A is not placed in the care of his parents as set out.
- 40. The significance of applying the Welfare Checklist is that Mother and Father are not in a position to care safely for their son. There are no other family members offering care to A.
- 41. We have considered the full range of powers/orders available to the court.
- 42. We have considered the least interventionist "No Order" principle and whether it would be applicable. In this case, however, in accordance with the findings in conclusion we have reached it is clearly appropriate for an order to be made. It would not be safe for A to return home
- 43. The order we are making in our judgement has to be a Care Order. The child is not being placed within the family. No other type of order is appropriate.
- 44. We approve the final care plan of the Local Authority recommending A be placed for adoption including the pattern of contact as set out therein.
- 45. We make a Care Order to The Local Authority.
- 46. We now turn to the application for a Placement Order pursuant to section 22 Adoption and Children Act 2002. This order would authorise the Local Authority to place the child for adoption with any prospective adopters who may be chosen by the Authority. Neither parent has given consent. The position of the parents to the Placement Order application is set out above. The court can only dispense with the parents' consent if the welfare of A requires the consent to be dispensed with. In reaching our decision we have had regard to the findings set out earlier in our judgement in respect of the evidence.
- 47. We have carefully considered the criteria in Section 1 of the Adoption and Children Act 2002. We remind ourselves that the paramount consideration of this court must be the child's welfare throughout A's life and that in general any delay in coming to a decision is likely to be prejudicial to A's welfare. We have again considered a full range of powers under the 2002 Act and under the Children Act 1989 and we must not make any order unless it would be better for the child than not doing so. We have addressed the Welfare Checklist under the said 2002 Act. The Guardian addressed this in her report dated 13<sup>th</sup> January 2010 in the placement application. We agree her findings in this regard and adopt them in our Reasons. The Guardian states A will require a planned move to prospective adopters should be completed as soon as possible. A Placement Order will provide permanence and stability for A.
- 48. We find an adoptive placement is the only placement that would provide the stability and security that meets A's needs throughout A's childhood.
- 49. Neither parent gave any oral evidence opposing the placement application.
- 50. Given our findings we are satisfied the child's welfare requires us to dispense with the consent of the parents which we do. We have found the child cannot safely be

- returned to either of A's parents, no other family member can care for A and therefore at A's age the only appropriate placement is an adoptive placement.
- 51. Accordingly we make a Placement Order in respect of A and in doing so approve the contact arrangements.
- 52. We were not referred specifically to any Human Rights issues. In making the orders in this case the court has considered the rights of the parties and the child, in particular the right to a fair hearing and the right of any individual to enjoy family life. All Respondents have been legally represented and we are satisfied they have had a fair and proper hearing. The decisions we make are proportionate. The rights of the child to ensure he is protected outweighs the rights of the parents. The child's welfare is the paramount consideration.
- 53. The decisions we have made are in the best interests of A and these will be difficult for the parents who may not agree with the decisions. We would state that it has always been accepted in these proceedings that Mother and Father love A and have tried as hard as their abilities and learning difficulties allowed in their attempts to improve.

Lay Bench. Legal Advisor Mr M.