

Test Topics: TREC 2008 Legal Track, Ad Hoc Task

This document provides summary information for each of the 26 assessed topics of the Ad Hoc task of the TREC 2008 Legal Track. The information provided is as follows:

Topic : The topic numbers range from 105 to 150. In parentheses are the year of the topic set (2008), the label of the complaint (F, G or H), and the request number inside the complaint. (The complaints run several pages and are available on the track web site [1].)

Request Text : The one-sentence statement of the request.

Initial Proposal by Defendant, Rejoinder by Plaintiff and Final Negotiated Boolean Query :

The following syntax was used for the Boolean queries:

- AND, OR, NOT, (): As usual.
- x BUT NOT y: Same meaning as (x AND (NOT (y)))
- x: Match this word exactly (case-insensitive).
- x!: Truncation – matches all strings that begin with substring x.
- !x: Truncation – matches all strings that end with substring x.
- x?y: Single-character wildcard – matches all strings that begin with substring x, end with substring y, and have exactly one-character in between x and y.
- x*y: Multiple-character wildcard – matches all strings that begin with substring x, end with substring y, and have 0 or more characters between x and y.
- "x", "x y", "x y z", etc.: Phrase – match this string or sequence of words exactly (case-insensitive).
- "y x!", "x! y", etc.: If ! is used internal to a phrase, then do the truncated match on the words with !, and exact match on the others. (The * and ? wildcard operators may also be used inside a phrase.)
- w/k: Proximity – x w/k y means match "x a b ... c y" or "y a b ... c x" if "a b ... c" contains k or fewer words.
- x w/k1 y w/k2 z: Chained proximity – a match requires the same occurrence of y to satisfy x w/k1 y and y w/k2 z.

Note that in this version some fields of the negotiation history are omitted (namely Defendant2, Plaintiff2 and Defendant3).

Sampling and Est. Rel. : The number of pooled documents is given (i.e., all distinct documents from all of the submitted runs for the topic), followed by the number presented to the assessor, the number the assessor judged relevant, the number the assessor judged highly relevant, the number the assessor judged non-relevant, and the number the assessor left as “gray” (defined earlier). The “C” value of the p(d) formula is given (as described in the track overview paper).

Est. Rel. : “Est. Rel.” is the estimated number of relevant documents in the pool for the topic (based on the sampling results). The estimated number of highly relevant documents follows in parentheses.

Final Boolean Result Size (B), F1, Precision and Recall : “B” is the number of documents matching the final negotiated Boolean query (which always was between 100 and 100000 in 2008). “F1” is the estimated F1 score of the final negotiated Boolean query result set; “Precision” is its estimated precision and “Recall” is its estimated recall.

Participant High F1@K and Median F1@K : The highest estimated F1 score of the participant runs is listed, followed in parentheses by the run’s identifier; if more than one run tied for the highest score, just one of them is listed (chosen randomly) and the number of other tied runs is stated. The median estimated F1 score is based on the median score of the 64 participant runs (this number does not include the 5 reference runs).

5 Deepest Sampled Highly Relevant Documents : The identifiers of the 5 deepest sampled documents that were judged highly relevant are listed in descending depth order. The identifier is underlined if the document was not retrieved by the final negotiated Boolean query. Each identifier is followed by its weight in the estimation formulas (i.e., the estimated number of relevant documents it represents) which is $1/p(d)$ (i.e., the reciprocal of the probability of being selected for judging). In parentheses is the identifier of the run which retrieved the document at the highest rank, followed by that rank (which can range from 1 to 100000 (or even higher for a couple of reference runs)); if multiple runs retrieved the document at that rank, just one of them is listed. For example, for topic 105, the entry of “vym06c00-4715.6 (UrsinusBM25b-27239)” indicates that the vym06c00 document was judged highly relevant and, because it is underlined, it did not match the final Boolean query. It counts as 4715.6 estimated highly relevant documents in the estimation formulas (because it was selected for judging with probability $1/4715.6$). The UrsinusBM25b run retrieved this document at rank 27239; any other run that retrieved the document did so at the same or deeper rank (i.e., if the pooling had been to less than depth 27239, the document would not have been in the pool). Note that the document content and metadata can be found online by appending the document identifier to the url “<http://legacy.library.ucsf.edu/tid/>” (e.g., <http://legacy.library.ucsf.edu/tid/vym06c00>). One can do failure analysis for the final Boolean query for most topics by reviewing the underlined document identifiers.

5 Deepest Sampled Other Relevant Documents : Same as previous except only relevant documents (excluding highly relevant documents) are included.

Topic 105 (2008-F-1)

Request Text: Please produce all reports, written memoranda, correspondence, and other documents related to building design compliance or noncompliance with structural standards, and compliance or noncompliance with structural regulations.

Initial Proposal by Defendant: building and design and (compliance OR noncompliance) and "structural standards" OR "structural regulations"

Rejoinder by Plaintiff: (build! OR structure!) AND (design! OR plan OR scheme OR blueprint) AND (compliance OR comply OR complies OR obey! OR correspond! OR meet! OR adhere! OR conform!) AND (regulat! OR code! OR law! OR ordinanc! OR rule! OR statut!)

Final Negotiated Boolean Query: (build! OR structure!) AND (design! OR plan OR scheme OR blueprint) AND ((compliance OR comply OR complies OR obey! OR correspond! OR meet! OR adhere! OR conform) w/5 (regulat! OR code! OR law! OR ordinanc! OR rule! OR statut!))

Sampling: 764432 pooled, 701 assessed, 41 judged highly relevant, 115 other judged relevant,

540 judged non-relevant, 5 gray, "C"=4.41

Est. Rel.: 34425.0 (including 7229.7 estimated highly relevant)

Final Boolean Result Size (B): 36549, **F1:** 14.2%, (**Precision:** 15.4%, **Recall:** 13.3%)

Participant High F1@K: 35.1% (CTFgge10kBr0), **Median F1@K:** 14.4%

5 Deepest Sampled Highly Relevant Documents: vym06c00-4715.6 (UrsinusBM25b-27239), iou87c00-700.0 (UIowa08LegE1-3202), uej52c00-584.1 (UrsinusBM25b-2656), hrm60c00-375.9 (UrsinusBM25b-1691), ykc40e00-209.8 (UIowa08Lega-936)

5 Deepest Sampled Other Relevant Documents: dji46e00-5380.6 (UrsinusPwrA-32494), jyt35d00-5055.5 (UIowa08Lega-29866), dea2aa00-2387.5 (otL08rv-11968), jus30c00-1665.1 (SabL08arbn-8018), wgs67e00-1658.1 (UrsinusBM25b-7981)

Topic 109 (2008-F-5)

Request Text: Please produce all reports, written memoranda, correspondence, and other documents related to success or failure in complying with OSHA standards.

Initial Proposal by Defendant: (success or failure) AND (compliance or comply) AND "OSHA standards"

Rejoinder by Plaintiff: (compliance OR comply OR complies OR obey! OR correspond! OR meet! OR adhere! OR conform!) AND (OSHA OR "occupational safety and health administration") AND (standard! OR criteri! OR measure! OR norm OR norms OR rule! OR requirement! OR law! OR statute! OR regulation!)

Final Negotiated Boolean Query: (compliance OR comply OR complies OR obey! OR correspond! OR meet! OR adhere! OR conform!) w/100 ((OSHA OR "occupational safety and health administration") w/25 (standard! OR criteri! OR measure! OR norm OR norms OR rule! OR requirement! OR law! OR statute! OR regulation!))

Sampling: 884783 pooled, 599 assessed, 1 judged highly relevant, 48 other judged relevant, 548 judged non-relevant, 2 gray, "C"=2.78

Est. Rel.: 28293.2 (including 1.0 estimated highly relevant)

Final Boolean Result Size (B): 14672, **F1:** 6.6%, (**Precision:** 10.3%, **Recall:** 4.8%)

Participant High F1@K: 56.1% (otL08fbe), **Median F1@K:** 6.5%

5 Deepest Sampled Highly Relevant Documents: hll42c00-1.0 (RMITbp3-5)

5 Deepest Sampled Other Relevant Documents: wxy71a00-8909.8 (otL08fbe-44700), vcq61f00-8374.8 (otL08fv-40082), abm42c00-4476.2 (CTFrtSkBr0-16043), mrz61a00-1940.7 (RMITrp3-5979), xmr61a00-1406.9 (otL08fv-4210)

Topic 110 (2008-F-6)

Request Text: Please produce all reports, written memoranda, correspondence, and other documents related to employment safety standards.

Initial Proposal by Defendant: "employment safety standards"

Rejoinder by Plaintiff: (employ! OR job! OR occupation! OR profession! OR work! OR trade!) AND (safety OR securit! OR assurance!) AND (standard! OR criteri! OR measure! OR norm OR norms OR rule! OR requirement! OR law! OR statute! OR regulation!)

Final Negotiated Boolean Query: (employ! OR job! OR occupation! OR profession! OR work! OR trade!) w/100 ((safety) w/100 (standard! OR criteri! OR

measure! OR norm OR norms OR rule! OR requirement! OR law! OR statute! OR regulation!))

Sampling: 899397 pooled, 498 assessed, 47 judged highly relevant, 177 other judged relevant, 269 judged non-relevant, 5 gray, "C"=2.45

Est. Rel.: 186416.3 (including 8898.6 estimated highly relevant)

Final Boolean Result Size (B): 83324, **F1:** 31.4%, (**Precision:** 51.0%, **Recall:** 22.7%)

Participant High F1@K: 43.4% (otL08fv), **Median F1@K:** 15.4%

5 Deepest Sampled Highly Relevant Documents: [drc03e00-4965.7](#) (UMDSTD-16190), [aba71a00-2693.8](#) (UMDAURCC40-7630), [xdm06c00-437.8](#) (SabL08ab1-1097), [ekw37e00-222.7](#) (UMDAURCC40-552), [cfc90c00-120.5](#) (otL08rvl-297)

5 Deepest Sampled Other Relevant Documents: [mli62f00-13192.7](#) (uva-xb-94997), [rcs38c00-12986.3](#) (otL08fv-90759), [cue97c00-12759.5](#) (UIowa08Leg3-86382), [eow60d00-12595.6](#) (RMITbp3-83385), [zon80c00-10940.3](#) (RMITbp2-59193)

Topic 113 (2008-F-9)

Request Text: Please produce all reports, written memoranda, correspondence, and other documents related to paper testing procedures and protocols.

Initial Proposal by Defendant: (paper w/3 testing) AND (procedure! OR protocol!)

Rejoinder by Plaintiff: (debris OR paper OR sheet! OR stationer! OR tissue!) AND (test! OR experiment! OR trial! OR exam! OR check! OR analy! OR validat! OR evaluat!) AND (procedure OR method! OR process! OR protocol! OR program! OR regimen OR polic! OR plan!)

Consensus1: ((paper OR sheet! OR stationer!) w/50 (test! OR trial! OR exam! OR validat! OR evaluat!)) AND (procedure OR method! OR process! OR protocol! OR program! OR regimen OR polic! OR plan!)

Final Negotiated Boolean Query: ((paper OR sheet! OR stationer!) w/10 (test! OR trial! OR exam! OR validat! OR evaluat!)) AND (procedure OR method! OR process! OR protocol! OR program! OR regimen OR polic! OR plan!)

Sampling: 1230389 pooled, 497 assessed, 31 judged highly relevant, 158 other judged relevant, 289 judged non-relevant, 19 gray, "C"=1.70

Est. Rel.: 258829.1 (including 46063.5 estimated highly relevant)

Final Boolean Result Size (B): 99374, **F1:** 31.7%, (**Precision:** 65.8%, **Recall:** 20.9%)

Participant High F1@K: 32.9% (CTFggeRkBr0 and 1 other), **Median F1@K:** 9.1%

5 Deepest Sampled Highly Relevant Documents: [nve13d00-19100.8](#) (xrefL08P-720845), [jva07d00-14647.2](#) (IowaSL0808b-92857), [kyu17d00-9628.3](#) (UrsinusPwrA-31502), [crh34e00-888.7](#) (CTFgge10kBr0-1578), [kkv43d00-590.3](#) (otL08rvl-1032)

5 Deepest Sampled Other Relevant Documents: [mdh13a00-19100.8](#) (xrefL08P-720845), [xeb2aa00-14150.1](#) (otL08fv-82082), [clz62a00-12960.6](#) (otL08rv-62479), [xhw14e00-12923.2](#) (UrsinusBM25b-61969), [izv07e00-12606.3](#) (UrsinusPwrA-57859)

Topic 118 (2008-F-14)

Request Text: Please produce all reports, written memoranda, correspondence, and other documents related to past incidents involving the malfunction of machinery in connection with manufacturing or testing activities, or which occurred within manufacturing or testing

facilities.

Initial Proposal by Defendant: (malfunction w/10 machinery) AND (manufacturing OR testing)

Rejoinder by Plaintiff: (malfunction! OR breakdown! OR failure! OR fault! OR incident!) AND ((manufactur! OR assembl! OR fabricat! OR produc!) OR (test! OR experiment! OR trial! OR exam! OR check! OR analy! OR validat! OR evaluat!))

Final Negotiated Boolean Query: (malfunction! OR breakdown! OR failure! OR fault! OR incident!) w/25 ((manufactur! OR assembl! OR fabricat! OR produc!) OR (test! OR trial! OR exam! OR validat! OR evaluat!))

Sampling: 987336 pooled, 494 assessed, 4 judged highly relevant, 154 other judged relevant, 333 judged non-relevant, 3 gray, "C"=1.73

Est. Rel.: 36965.5 (including 181.4 estimated highly relevant)

Final Boolean Result Size (B): 87525, **F1:** 14.6%, (**Precision:** 10.9%, **Recall:** 22.1%)

Participant High F1@K: 53.2% (IowaSL0808m3), **Median F1@K:** 17.1%

5 Deepest Sampled Highly Relevant Documents: ysi37d00-164.4 (IowaSL0805b-287), ihb93f00-15.0 (RMITbp1-26), fyj93e00-1.0 (wat2text-5), lxn97e00-1.0 (UrsinusBM25b-3)

5 Deepest Sampled Other Relevant Documents: xqs48e00-8019.3 (UrsinusVa-23178), fmj33f00-7193.4 (IowaSL08Ref-19450), tvp38e00-3133.8 (RMITbp3-6434), tgq92d00-2086.4 (otL08rvlq-4033), khq55a00-1893.9 (otL08rv-3622)

Topic 119 (2008-F-15)

Request Text: Please produce all reports, written memoranda, correspondence, and other documents related to any complaints, inspection reports, or warnings received from any governmental agency concerning working environment or conditions, or standards violations related to safety.

Initial Proposal by Defendant: (complaint! OR "inspection report!" OR warning!) AND [(working w/5 (environment OR condition!)) OR (standard! w/3 violation!)] AND safety

Rejoinder by Plaintiff: (complaint! OR criticism! OR notification! OR notice) AND (inspect! OR apprais! OR exam! OR investing! OR review!) AND (warning! OR precaution! OR caution!) AND (work! OR occupation! OR industr! OR factory OR manufactur!) AND (environment! OR atmosphere! OR surrounding! OR setting!) AND (condition! OR circumstance!) AND (safety OR security! OR assurance!) AND (violation! OR infraction! OR infringing! OR breach!)

Final Negotiated Boolean Query: (complaint! OR notification! OR notice) AND (inspect! OR apprais! OR exam! OR investigat! OR review!) AND (warning! OR precaution! OR caution!) AND (work! OR occupation! OR industr! OR factory OR manufactur!) AND (environment! OR atmosphere! OR surrounding! OR setting!) AND (condition! OR circumstance!) AND (safety) AND (violation! OR infraction! OR infringing! OR breach!)

Sampling: 618756 pooled, 498 assessed, 72 judged highly relevant, 86 other judged relevant, 310 judged non-relevant, 30 gray, "C"=3.02

Est. Rel.: 23022.9 (including 8775.4 estimated highly relevant)

Final Boolean Result Size (B): 11662, **F1:** 8.3%, (**Precision:** 19.9%, **Recall:** 5.3%)

Participant High F1@K: 44.7% (UrsinusPwrB), **Median F1@K:** 17.0%

- 5 Deepest Sampled Highly Relevant Documents:** ack06e00-3336.0 (UrsinusPwrB-12086), uhy84f00-1367.5 (otL08db-4431), fqd61e00-853.1 (SabL08ab1-2690), jpm81f00-379.3 (CTFgge10kBr0-1167), cvp32d00-367.5 (SabL08ab1-1130)
- 5 Deepest Sampled Other Relevant Documents:** gbe73c00-3811.9 (RMITbp3-14216), gss57e00-3259.0 (UrsinusPwrA-11753), cjt24f00-1731.5 (SabL08ab1-5722), dps23e00-1087.9 (uva-xb-3473), hjlw54c00-1009.1 (UrsinusBM25b-3208)

Topic 120 (2008-F-16)

Request Text: Please produce all reports, written memoranda, correspondence, and other documents related to development or engineering of fire resistant or "fire-safe" products.

Initial Proposal by Defendant: ((development OR engineer!) w/15 ((fire w/5 resistant) OR "fire-safe") AND product

Rejoinder by Plaintiff: (((("fire-safe") OR ((fire! OR blaze! OR flame! OR explosion! OR blast! OR ignit!) AND (safe! OR security!))) AND (develop! OR engineer! OR product! OR design! OR plan!))

Consensus1: (((("fire-safe" OR ((fire! OR blaze! OR flame! OR explosion! OR blast! OR ignit!) AND (safe!))) AND (develop! OR engineer! OR product! OR design! OR plan!))

Final Negotiated Boolean Query: (fire! OR blaze! OR flame! OR explosion! OR blast! OR ignit!) w/50 (safe!) w/25 (develop! OR engineer! OR product! OR design! OR plan!)

Sampling: 934531 pooled, 500 assessed, 15 judged highly relevant, 183 other judged relevant, 301 judged non-relevant, 1 gray, "C"=2.04

Est. Rel.: 58453.5 (including 14086.1 estimated highly relevant)

Final Boolean Result Size (B): 27225, **F1:** 35.8%, (**Precision:** 64.8%, **Recall:** 24.7%)

Participant High F1@K: 42.2% (otL08fv), **Median F1@K:** 19.5%

- 5 Deepest Sampled Highly Relevant Documents:** jvo72a00-10405.1 (SabL08ab1-44206), zzr43d00-2518.6 (UrsinusPwrB-5873), kbh72a00-320.6 (RMITrp1-664), xgi72c00-281.5 (IowaSL0805b-582), jov12c00-226.1 (IowaSL0805b-466)

- 5 Deepest Sampled Other Relevant Documents:** ruq04d00-8913.4 (otL08fv-32773), aag67d00-7653.3 (SabL08ab1-25268), qan51a00-7025.5 (UIowa08Leg3-22073), wni10e00-4049.5 (UIowa08Lega-10349), qzr94d00-3045.4 (RMITbp1-7322)

Topic 121 (2008-F-17)

Request Text: Please produce all reports, written memoranda, correspondence, and other documents related to any insurance policy, including fire insurance.

Initial Proposal by Defendant: "insurance policy" and (fire w/3 insurance)

Rejoinder by Plaintiff: (insur! OR indemni! OR warrant!) AND (fire! OR blaze! OR flame! OR explosion! OR blast! OR ignite!)

Final Negotiated Boolean Query: (insur! OR indemni! OR warrant!) w/300 (fire! OR blaze! OR flame! OR explosion! OR blast! OR ignite!)

Sampling: 670772 pooled, 499 assessed, 202 judged highly relevant, 38 other judged relevant, 259 judged non-relevant, 0 gray, "C"=2.51

Est. Rel.: 34550.5 (including 14312.7 estimated highly relevant)

Final Boolean Result Size (B): 36717, **F1:** 22.6%, (**Precision:** 27.9%, **Recall:** 19.0%)
Participant High F1@K: 81.0% (RMITrp3 and 1 other), **Median F1@K:** 38.2%
5 Deepest Sampled Highly Relevant Documents: buy84a00-2915.1 (otL08rv-8559),
dlo48d00-2228.7 (UrsinusBM25b-6291), jys61c00-2002.0 (SabL08ar2-5580), pfz84a00-1202.8
(UrsinusPwrB-3210), okk01f00-989.8 (UCEDLSIb-2612)
5 Deepest Sampled Other Relevant Documents: uzs10c00-6636.5 (UrsinusPwrA-
24912), jxz48c00-2951.1 (wat3nobool-8683), aju61c00-2393.0 (uvabase-6818), rpl48d00-2155.7
(UrsinusPwrB-6060), hyu04c00-2052.6 (wat3nobool-5737)

Topic 124 (2008-F-20)

Request Text: Please produce all reports, written memoranda, forms, diagrams, handbooks, correspondence, and other documents related to standard emergency procedures.

Initial Proposal by Defendant: "standard emergency procedure!"

Rejoinder by Plaintiff: (emergency OR "ER" OR urgent! OR critical OR acute) AND (procedure OR method! OR process! OR protocol! OR program! OR regimen OR polic! OR plan!)

Consensus1: (emergency OR "ER" OR urgent! OR critical OR acute) w/50 (procedure OR method! OR process! OR protocol! OR program! OR regimen OR polic! OR plan!)

Final Negotiated Boolean Query: (emergency OR "ER" OR urgent! OR critical OR acute) w/10 (procedure OR method! OR process! OR protocol! OR program! OR regimen OR polic! OR plan!)

Sampling: 1338495 pooled, 900 assessed, 55 judged highly relevant, 102 other judged relevant, 741 judged non-relevant, 2 gray, "C"=4.33

Est. Rel.: 20083.7 (including 15721.6 estimated highly relevant)

Final Boolean Result Size (B): 86075, **F1:** 14.6%, (**Precision:** 9.2%, **Recall:** 35.4%)

Participant High F1@K: 61.6% (RMITrp1), **Median F1@K:** 14.8%

5 Deepest Sampled Highly Relevant Documents: vvp61f00-6454.7 (RMITrp3-41222),
wln71a00-2388.7 (wat3nobool-11733), jyl53e00-994.6 (otL08frw-4527), nmm61a00-748.4
(CTFrtSkBr0-3363), ono61a00-711.3 (CTFrtSkBr0-3190)

5 Deepest Sampled Other Relevant Documents: bsl71a00-590.8 (wat3nobool-
2633), rly47e00-417.2 (CTFrtSkBr0-1843), hcr61f00-411.7 (wat1fuse-1818), czo71a00-364.3
(otL08frw-1605), tsb11e00-341.1 (RMITrp1-1501)

Topic 126 (2008-F-22)

Request Text: Please produce all reports, written memoranda, forms, correspondence, and other documents related to any waivers, caveats, or other disculpatory statements provided to patients prior to receiving treatment.

Initial Proposal by Defendant: (waiver OR caveat OR statement) AND prior AND treatment

Rejoinder by Plaintiff: (waiver! OR statement! OR caveat! OR exemption! OR renouncement! OR release! OR liab!) AND (treatment! OR procedur! OR therap! OR surger!)

Consensus1: (waiver! OR statement! OR caveat! OR exemption! OR renouncement! OR

release! OR liab!) w/75 (treatment! OR procedur! OR therap! OR surger!)

Final Negotiated Boolean Query: (waiver! OR statement! OR caveat! OR exemption!
OR renouncement! OR release! OR liab!) w/20 (treatment! OR procedur! OR
therap! OR surger!)

Sampling: 907365 pooled, 494 assessed, 94 judged highly relevant, 72 other judged relevant,
325 judged non-relevant, 3 gray, "C"=1.85

Est. Rel.: 120965.5 (including 47833.5 estimated highly relevant)

Final Boolean Result Size (B): 47205, **F1:** 25.3%, (**Precision:** 34.0%, **Recall:** 20.1%)

Participant High F1@K: 59.9% (wat7fuse), **Median F1@K:** 9.0%

5 Deepest Sampled Highly Relevant Documents: mym21e00-11004.0 (wat3nobool-45319), nhx30c00-8956.4 (randomL08-30047), pac81a00-7626.6 (otL08fb-22836), rpf99d00-5626.8 (wat2text-14504), uxf34e00-4367.5 (UIowa08Lega-10351)

5 Deepest Sampled Other Relevant Documents: qhb24e00-11303.6 (UrsinusBM25a-48157), zgo21a00-10573.5 (uvabase-41558), jtw52e00-9388.3 (UIowa08Lega-32778), eip82d00-8651.7 (wat3nobool-28246), vwf34e00-8116.9 (UIowa08Leg3-25307)

Topic 127 (2008-F-23)

Request Text: Please produce all reports, written memoranda, labels, handbooks, diagrams, correspondence, and other documents related to sanitation procedures upon admission for treatment.

Initial Proposal by Defendant: "sanitation procedure!) AND (admission! OR admitting) AND treatment

Rejoinder by Plaintiff: (sanitat! OR steriliz! OR disinfect! OR decontaminat!
OR clean! OR purif! OR wash!) AND (treatment! OR procedur! OR therap! OR
surger!)

Consensus1: (sanitat! OR steriliz! OR disinfect! OR decontaminat! OR clean! OR
purif! OR wash!) w/75 (treatment! OR procedur! OR therap! OR surger!)

Final Negotiated Boolean Query: (sanitat! OR steriliz! OR disinfect! OR
decontaminat! OR clean! OR purif! OR wash!) w/20 (treatment! OR procedur!
OR therap! OR surger!)

Sampling: 984564 pooled, 498 assessed, 10 judged highly relevant, 17 other judged relevant,
471 judged non-relevant, 0 gray, "C"=2.15

Est. Rel.: 9857.4 (including 9263.9 estimated highly relevant)

Final Boolean Result Size (B): 51091, **F1:** 1.0%, (**Precision:** 0.6%, **Recall:** 2.1%)

Participant High F1@K: 18.6% (CTFgge10kBr0), **Median F1@K:** 1.2%

5 Deepest Sampled Highly Relevant Documents: ghf71a00-8583.7 (SabL08ab1-32368),
hqt03c00-554.7 (wat3nobool-1228), rie3aa00-47.7 (otL08fb-103), jcm63d00-36.6 (wat3nobool-79), uj525e00-22.7 (UrsinusBM25b-49)

5 Deepest Sampled Other Relevant Documents: jk81a00-391.7 (RMITbp1-860), pea30d00-78.7 (CTFrtskBr0-170), lch4aa00-35.2 (UIowa08Lega-76), aic56c00-34.3 (SabL08ab1-74), ilm49e00-28.3 (UIowa08Lega-61)

Topic 128 (2008-F-24)

Request Text: Please produce all reports, written memoranda, warnings, procedures, instruc-

tions, labels, correspondence, diagrams and other documents related to medication or treatment provided to patients exposed to hazardous substances that may have been inhaled.

Initial Proposal by Defendant: "hazardous substance!) AND inhaled AND patient AND exposed

Rejoinder by Plaintiff: ((medication! OR pharmaceutical! OR medicin!) OR (treatment! OR procedur! OR therap! OR surger!)) AND ((inhal! OR inhalation! OR breath! OR respir!) AND (hazard! OR danger! OR unsafe OR unhealthy! OR noxious OR lethal OR nocuous OR poison! OR toxic OR deadly))

Final Negotiated Boolean Query: ((medication! OR pharmaceutical! OR medicin!) OR (treatment! OR procedur! OR therap! OR surger!)) AND ((hazard! OR danger! OR unsafe OR unhealthy! OR noxious OR lethal OR nocuous OR poison! OR toxic OR deadly) w/50 (inhal! OR breath! OR respir!))

Sampling: 621404 pooled, 498 assessed, 8 judged highly relevant, 143 other judged relevant, 345 judged non-relevant, 2 gray, "C"=2.60

Est. Rel.: 30051.1 (including 1158.3 estimated highly relevant)

Final Boolean Result Size (B): 71306, **F1:** 38.0%, (**Precision:** 25.0%, **Recall:** 79.1%)

Participant High F1@K: 65.5% (otL08fv), **Median F1@K:** 30.0%

5 Deepest Sampled Highly Relevant Documents: bfd71a00-1060.1 (UrsinusPwrB-2911), aax61a00-33.4 (otL08fb-87), bvg67e00-29.2 (CTFrTskBr0-76), ahy71a00-24.6 (SabL08ab1-64), gjq30e00-8.1 (IowaSL0804-21)

5 Deepest Sampled Other Relevant Documents: xiu38d00-4980.1 (otL08fbe-17244), bkd89c00-3889.7 (RMITrp1-12557), jjc00e00-3339.9 (UIowa08Lega-10426), rat71a00-2832.8 (CTFgge10kBr0-8582), gkk71a00-2043.6 (UIowa08Lega-5919)

Topic 129 (2008-F-25)

Request Text: Please produce all reports, written memoranda, correspondence, procedures, instructions, labels, warnings, diagrams and other documents related to the special treatment of patients suffering from asthma and limitations on what medications they can be administered.

Initial Proposal by Defendant: asthma AND patient!

Rejoinder by Plaintiff: (asthma) AND ((treatment! OR procedur! OR therap! OR surger!) OR (medication! OR pharmaceutical! OR medicine!))

Final Negotiated Boolean Query: (asthma) w/50 ((treatment! OR procedur! OR therap! OR surger!) OR (medication! OR pharmaceutical! OR medicine!))

Sampling: 759243 pooled, 499 assessed, 49 judged highly relevant, 65 other judged relevant, 384 judged non-relevant, 1 gray, "C"=2.64

Est. Rel.: 13007.7 (including 9256.1 estimated highly relevant)

Final Boolean Result Size (B): 10032, **F1:** 36.6%, (**Precision:** 42.8%, **Recall:** 32.0%)

Participant High F1@K: 36.7% (UMDCRP3), **Median F1@K:** 15.0%

5 Deepest Sampled Highly Relevant Documents: [kuo54f00-7812.8](#) (RMITbp3-33809), xqp02a00-465.2 (UMDCRC40-1256), tul06d00-199.0 (otL08frw-530), vny28c00-140.1 (UrsinusBM25a-372), peo26d00-131.1 (otL08frw-348)

5 Deepest Sampled Other Relevant Documents: [uxl25e00-673.5](#) (UrsinusBM25b-1838), gib85c00-632.7 (otL08frw-1723), jph31e00-462.3 (IowaSL0805b-1248), lyx98d00-391.9 (UIowa08LegE1-1054), too59d00-294.1 (UMDCRC40-787)

Topic 131 (2008-G-2)

Request Text: All documents describing instances of the rejection of trade goods, including those rejected for unclear, undocumented, or incorrect reasons.

Initial Proposal by Defendant: (China OR Hong Kong OR Japan OR Taiwan OR India OR Philippines OR Cambodia OR Vietnam OR North Korea OR South Korea OR Thailand) AND (Goods AND Rejection)

Rejoinder by Plaintiff: (China OR CN OR PRC OR Hong Kong OR HK OR Japan OR JP OR Taiwan TW OR ROC OR India OR Philippines PH OR Cambodia OR KH OR Vietnam OR VN OR North Korea KP OR South Korea OR KP OR Thailand OR Asia OR EMEA OR Government OR Market) AND (Good! OR Product! OR Merch!) AND (Reject! OR "Clear!" OR "Document!" OR "Correct!")

Consensus1: (China OR CN OR PRC OR "Hong Kong" OR HK OR Japan OR JP OR Taiwan OR TW OR ROC OR India OR Philippines OR PH OR Cambodia OR KH OR Vietnam OR VN OR "North Korea" OR "South Korea" OR KP OR Thailand OR Asia OR EMEA OR Government OR Market) AND (Good! OR Product! OR Merch!) AND (Reject! OR "Clear!" OR "Document!" OR "Correct!")

Final Negotiated Boolean Query: (China OR CN OR PRC OR "Hong Kong" OR HK OR Japan OR JP OR Taiwan OR TW OR ROC OR India OR Philippines OR PH OR Cambodia OR KH OR Vietnam OR VN OR "North Korea" OR "South Korea" OR KP OR Thailand OR Asia OR EMEA OR Government OR Market) AND ((Good! OR Product! OR Merch!) w/5 (Reject! OR "Clear!" OR "Document!" OR "Correct!"))

Sampling: 1267709 pooled, 499 assessed, 6 judged highly relevant, 240 other judged relevant, 253 judged non-relevant, 0 gray, "C"=1.86

Est. Rel.: 658399.5 (including 6830.5 estimated highly relevant)

Final Boolean Result Size (B): 70931, **F1:** 15.6%, (**Precision:** 68.4%, **Recall:** 8.8%)

Participant High F1@K: 18.1% (otL08frw), **Median F1@K:** 3.0%

5 Deepest Sampled Highly Relevant Documents: [azq26e00-6825.5](#) (otL08rvl-19273), [edn77e00-1.0](#) (UrsinusPwrA-3), [bxr15e00-1.0](#) (RMITrp1-3), [avk04c00-1.0](#) (SabL08ar2-3), [ctm18e00-1.0](#) (UrsinusPwrA-2)

5 Deepest Sampled Other Relevant Documents: [vzm34a00-18877.0](#) (xrefL08C-625290), [ecs81a00-18877.0](#) (xrefL08C-625290), [qbv38e00-18877.0](#) (xrefL08C-625290), [nsf30f00-18877.0](#) (xrefL08C-625290), [oss98c00-18877.0](#) (xrefL08C-625290)

Topic 132 (2008-G-3)

Request Text: All documents identifying examples of import duties charged that are higher than expected or higher than those normally encountered.

Initial Proposal by Defendant: (China OR Hong Kong OR Japan OR Taiwan OR India OR Philippines OR Cambodia OR Vietnam OR North Korea OR South Korea OR Thailand) AND ("Import Duties" AND (high OR more))

Rejoinder by Plaintiff: (China OR CN OR PRC OR Hong Kong OR HK OR Japan OR JP OR Taiwan TW OR ROC OR India OR Philippines PH OR Cambodia OR KH OR Vietnam OR VN OR North Korea KP OR South Korea OR KP OR Thailand OR Asia OR EMEA OR Government OR Market) AND ("Import w/5 dut!")

Final Negotiated Boolean Query: (China OR CN OR PRC OR "Hong Kong" OR HK OR Japan OR JP OR Taiwan OR TW OR ROC OR India OR Philippines OR PH OR Cambodia OR KH OR Vietnam OR VN OR "North Korea" OR "South Korea" OR KP OR Thailand OR

Asia OR EMEA OR Government OR Market) AND (Import w/5 dut!)

Sampling: 903925 pooled, 500 assessed, 30 judged highly relevant, 37 other judged relevant, 427 judged non-relevant, 6 gray, "C"=2.42

Est. Rel.: 2470.3 (including 719.2 estimated highly relevant)

Final Boolean Result Size (B): 4191, **F1:** 14.4%, (**Precision:** 11.3%, **Recall:** 19.7%)

Participant High F1@K: 31.3% (wat1fuse), **Median F1@K:** 8.9%

5 Deepest Sampled Highly Relevant Documents: dzn80c00-300.8 (SabL08arbn-739), fre54a00-84.0 (SabL08arbn-204), gui67c00-63.4 (UMDAURCC40-154), ynb92f00-49.1 (RMITrp1-119), ewi85a00-43.7 (otL08db-106)

5 Deepest Sampled Other Relevant Documents: dqd11f00-1370.0 (wat3nobook-3559), wvi23f00-58.5 (wat3nobook-142), zlx86c00-51.1 (otL08fbc-124), auk74a00-45.4 (UMDAURCP3-110), fzt33d00-35.9 (UMDSTD-87)

Topic 133 (2008-G-4)

Request Text: All documents describing or detailing instances of a lack of available official public sources of information regarding a country's customs procedures, laws, regulations, rules, decisions, and administrative actions pertaining to or affecting trade.

Initial Proposal by Defendant: (China OR Hong Kong OR Japan OR Taiwan OR India OR Philippines OR Cambodia OR Vietnam OR North Korea OR South Korea OR Thailand) AND (Lack w/5 information) AND (procedures OR laws OR regulations OR rules OR decisions OR administrative w/3 action) AND (Trade)

Rejoinder by Plaintiff: (China OR CN OR PRC OR Hong Kong OR HK OR Japan OR JP OR Taiwan OR TW OR ROC OR India OR Philippines OR PH OR Cambodia OR KH OR Vietnam OR VN OR North Korea OR KP OR South Korea OR KP OR Thailand OR Asia OR EMEA OR Government OR Market) AND (procedur! OR law! OR regulat! OR rul! OR decision! OR administrat!)

Consensus1: (China OR CN OR PRC OR "Hong Kong" OR HK OR Japan OR JP OR Taiwan OR TW OR ROC OR India OR Philippines OR PH OR Cambodia OR KH OR Vietnam OR VN OR "North Korea" OR "South Korea" OR KP OR Thailand OR Asia OR EMEA OR Government OR Market) AND (Custom! or trade) AND (public OR official) AND (procedur! OR law! OR regulat! OR rul! OR decision! OR administrat!)

Final Negotiated Boolean Query: (China OR CN OR PRC OR "Hong Kong" OR HK OR Japan OR JP OR Taiwan OR TW OR ROC OR India OR Philippines OR PH OR Cambodia OR KH OR Vietnam OR VN OR "North Korea" OR "South Korea" OR KP OR Thailand OR Asia OR EMEA OR Government OR Market) AND ((Custom! or trade) w/50 (public OR official) w/50 (procedur! OR law! OR regulat! OR rul! OR decision! OR administrat!))

Sampling: 1551415 pooled, 496 assessed, 67 judged highly relevant, 188 other judged relevant, 241 judged non-relevant, 0 gray, "C"=2.12

Est. Rel.: 231905.8 (including 26456.2 estimated highly relevant)

Final Boolean Result Size (B): 27480, **F1:** 13.2%, (**Precision:** 50.5%, **Recall:** 7.6%)

Participant High F1@K: 28.9% (CTFgge10kBr0), **Median F1@K:** 8.7%

5 Deepest Sampled Highly Relevant Documents: tph94f00-12101.1 (RMITrp2-65073), pnf68d00-4393.9 (otL08rvlq-11959), cmb64c00-2568.6 (uvabase-6259), csc51e00-2219.1 (otL08frw-5301), yx124e00-2164.2 (UrsinusBM25b-5154)

5 Deepest Sampled Other Relevant Documents: zbt50d00-19313.2 (xrefL08P-1194522), rbd53a00-19313.2 (xrefL08P-1194522), jfj09c00-19313.2 (xrefL08P-1194522), ose24d00-

13373.0 (CTFgge10kBr0-85713), [oix12c00-12966.3](#) (randomL08-78302)

Topic 136 (2008-G-7)

Request Text: All documents listing, referencing, or providing examples of unfair product standards for American exports, including the following: new and/or unclear standards for exports; unclear or unreasonable product labeling or certification requirements; overly burdensome testing; requirements for a national quality mark; processes that are not clearly defined; or unreasonable time frames to meet testing or standards requirements.

Initial Proposal by Defendant: (China OR Hong Kong OR Japan OR Taiwan OR India OR Philippines OR Cambodia OR Vietnam OR North Korea OR South Korea OR Thailand) AND (unfair w/5 "product standard") AND ((new OR unclear) w/5 standard) OR ((unclear OR unreasonable) w/5 (labeling OR certification)) OR (testing) OR ("quality mark") OR (process w/10 defined) OR (unreasonable w/10 "time frame") OR (unreasonable w/10 standards)

Rejoinder by Plaintiff: (China OR CN OR PRC OR Hong Kong OR HK OR Japan OR JP OR Taiwan OR TW OR ROC OR India OR Philippines OR PH OR Cambodia OR KH OR Vietnam OR VN OR North Korea OR KP OR South Korea OR KP OR Thailand OR Asia OR EMEA OR Government OR Market) AND (export!) AND (standard! OR label! OR certif! OR requirement! OR test! OR quality! OR process!)

Final Negotiated Boolean Query: (China OR CN OR PRC OR "Hong Kong" OR HK OR Japan OR JP OR Taiwan OR TW OR ROC OR India OR Philippines OR PH OR Cambodia OR KH OR Vietnam OR VN OR "North Korea" OR "South Korea" OR KP OR Thailand OR Asia OR EMEA OR Government OR Market) AND (export!) AND (standard! OR label! OR certif! OR requirement! OR test! OR quality! OR process!)

Sampling: 737768 pooled, 500 assessed, 0 judged highly relevant, 17 other judged relevant, 482 judged non-relevant, 1 gray, "C"=2.84

Est. Rel.: 744.3 (including 0.0 estimated highly relevant)

Final Boolean Result Size (B): 88701, **F1:** 0.9%, (**Precision:** 0.5%, **Recall:** 47.5%)

Participant High F1@K: 19.9% (wat1fuse), **Median F1@K:** 1.0%

5 Deepest Sampled Highly Relevant Documents:

5 Deepest Sampled Other Relevant Documents: [vcu85e00-384.5](#) (SabL08arbn-1113), [cih60d00-307.3](#) (CTFgge10kBr0-886), [hfr52f00-8.8](#) (otL08fbc-25), [lxc50d00-7.4](#) (CTFgge10kBr0-21), [bzt18d00-6.3](#) (IowaSL0804-18)

Topic 137 (2008-G-8)

Request Text: All documents providing examples of intellectual property rights issues for American exports, including the following: patents, trademarks, or copyrights being used illegally in a foreign market; a foreign government's refusal to register patents, trademarks, or copyrights for American companies; requests to disclose proprietary product information before allowing products to be imported; a foreign government that has passed confidential information, technology, or trade secrets on to a local company; or a foreign government's refusal to stop intellectual property violations.

Initial Proposal by Defendant: (China OR Hong Kong OR Japan OR Taiwan OR India OR Philippines OR Cambodia OR Vietnam OR North Korea OR South Korea OR Thailand) AND ("intellectual property" w/25 export) AND Patent OR Trademark OR

Copyright OR (proprietary w/10 import) OR ("confidential information") OR ("confidential technology") OR ("trade secret")

Rejoinder by Plaintiff: (China OR CN OR PRC OR Hong Kong OR HK OR Japan OR JP OR Taiwan OR TW OR ROC OR India OR Philippines OR PH OR Cambodia OR KH OR Vietnam OR VN OR North Korea OR KP OR South Korea OR KP OR Thailand OR Asia OR EMEA OR Government OR Market) AND ("Trade Secret" or Patent OR Trademark OR Copyright OR "confidential w/5 information" OR "CBI" OR technology OR Proprietary) AND (Illegal OR unlawful OR register! OR violat! OR cease OR desist OR disclose)

Final Negotiated Boolean Query: (China OR CN OR PRC OR "Hong Kong" OR HK OR Japan OR JP OR Taiwan OR TW OR ROC OR India OR Philippines OR PH OR Cambodia OR KH OR Vietnam OR VN OR "North Korea" OR "South Korea" OR KP OR Thailand OR Asia OR EMEA OR Government OR Market) AND ("Trade Secret" or Patent OR Trademark OR Copyright OR confidential w/5 information OR "CBI" OR technology OR Proprietary) AND (Illegal OR unlawful OR register! OR violat! OR cease OR desist OR disclose)

Sampling: 641742 pooled, 498 assessed, 3 judged highly relevant, 8 other judged relevant, 487 judged non-relevant, 0 gray, "C"=3.96

Est. Rel.: 109.6 (including 3.0 estimated highly relevant)

Final Boolean Result Size (B): 80006, **F1:** 0.2%, (**Precision:** 0.1%, **Recall:** 82.0%)

Participant High F1@K: 9.6% (RMITbp1), **Median F1@K:** 0.3%

5 Deepest Sampled Highly Relevant Documents: qbx32e00-1.0 (otL08frw-5), uik71f00-1.0 (otL08frw-3), ftt92d00-1.0 (wat1fuse-1)

5 Deepest Sampled Other Relevant Documents: jyr84d00-72.0 (otL08fb-286), kcg24d00-15.7 (SabL08ab1-62), qou32c00-8.6 (UCEDLSIa-34), cxn62f00-4.0 (IowaSL08Ref-16), zts63c00-3.3 (SabL08ar2-13)

Topic 138 (2008-G-9)

Request Text: All documents describing or detailing instances of government subsidies for competitive local products.

Initial Proposal by Defendant: (China OR Hong Kong OR Japan OR Taiwan OR India OR Philippines OR Cambodia OR Vietnam OR North Korea OR South Korea OR Thailand) AND (Government w/5 subsidy)

Rejoinder by Plaintiff: (China OR CN OR PRC OR Hong Kong OR HK OR Japan OR JP OR Taiwan OR TW OR ROC OR India OR Philippines OR PH OR Cambodia OR KH OR Vietnam OR VN OR North Korea OR KP OR South Korea OR KP OR Thailand OR Asia OR EMEA OR Government OR Market) AND (Subsid!)

Final Negotiated Boolean Query: (China OR CN OR PRC OR "Hong Kong" OR HK OR Japan OR JP OR Taiwan OR TW OR ROC OR India OR Philippines OR PH OR Cambodia OR KH OR Vietnam OR VN OR "North Korea" OR "South Korea" OR KP OR Thailand OR Asia OR EMEA OR Government OR Market) AND (Subsidy OR subsidies)

Sampling: 765212 pooled, 600 assessed, 62 judged highly relevant, 63 other judged relevant, 472 judged non-relevant, 3 gray, "C"=3.53

Est. Rel.: 18633.3 (including 1913.5 estimated highly relevant)

Final Boolean Result Size (B): 16279, **F1:** 29.8%, (**Precision:** 37.4%, **Recall:** 24.7%)

Participant High F1@K: 30.5% (CTFrtSkBr0), **Median F1@K:** 8.9%

5 Deepest Sampled Highly Relevant Documents: glc85a00-573.1 (wat1fuse-2084), ivi82e00-441.4 (RMITrp2-1594), gfn65e00-251.3 (SabL08ar2-899), hyg07d00-128.8 (uva-xb-

458), gvp75d00-83.5 (SabL08ar2-296)

5 Deepest Sampled Other Relevant Documents: mke81e00-8337.7 (UrsinusPwrA-50500), cwo81c00-3534.7 (CTFrSk-15164), bvl45c00-1253.4 (otL08rvlq-4723), kae75d00-1167.0 (UMDCRC40-4377), ley71f00-576.4 (wat3nobool-2096)

Topic 139 (2008-G-10)

Request Text: All documents listing or referencing foreign import restrictions based upon percentage of foreign-owned content, or based on components/ingredients, structural composition, or product design.

Initial Proposal by Defendant: (China OR Hong Kong OR Japan OR Taiwan OR India OR Philippines OR Cambodia OR Vietnam OR North Korea OR South Korea OR Thailand) AND ("import restriction") AND ("foreign" w/10 (ownership OR component OR ingredient OR composition OR design))

Rejoinder by Plaintiff: (China OR CN OR PRC OR Hong Kong OR HK OR Japan OR JP OR Taiwan TW OR ROC OR India OR Philippines PH OR Cambodia OR KH OR Vietnam OR VN OR North Korea KP OR South Korea OR KP OR Thailand OR Asia OR EMEA OR Government OR Market) AND (import) AND (component OR ingredient OR composition OR formula OR design) AND (restrict! OR prohibit OR limit)

Final Negotiated Boolean Query: (China OR CN OR PRC OR "Hong Kong" OR HK OR Japan OR JP OR Taiwan OR TW OR ROC OR India OR Philippines OR PH OR Cambodia OR KH OR Vietnam OR VN OR "North Korea" OR "South Korea" OR KP OR Thailand OR Asia OR EMEA OR Government OR Market) AND (import) AND (component OR ingredient OR composition OR formula OR design) AND (restrict! OR prohibit OR limit)

Sampling: 758307 pooled, 500 assessed, 85 judged highly relevant, 84 other judged relevant, 327 judged non-relevant, 4 gray, "C"=2.72

Est. Rel.: 34415.2 (including 5368.1 estimated highly relevant)

Final Boolean Result Size (B): 13418, **F1:** 29.2%, (**Precision:** 52.8%, **Recall:** 20.2%)

Participant High F1@K: 40.6% (otL08frw), **Median F1@K:** 10.3%

5 Deepest Sampled Highly Relevant Documents: oen94c00-1874.6 (RMITrp3-5630), yru43a00-862.7 (RMITrp3-2454), crc54c00-755.1 (CTFrSkBr0-2136), nrw82e00-688.9 (otL08fbe-1942), eyu20d00-186.7 (UIowa08Lega-513)

5 Deepest Sampled Other Relevant Documents: jre54a00-7082.0 (SabL08ab1-29844), ujw98c00-5627.7 (SabL08ab1-21316), hrm11e00-3563.2 (RMITbp1-11801), rhw31a00-2306.4 (RMITrp3-7096), njc42c00-2164.1 (CTFrSk-6605)

Topic 142 (2008-H-1)

Request Text: All documents discussing or referencing accounting rules governing the recording of contingent sales.

Initial Proposal by Defendant: "accounting rules" AND (recording w/3 "contingent sales")

Rejoinder by Plaintiff: "accounting" AND (contingent w/2 (sales OR ship!))

Consensus1: "accounting" w/10 contingent w/2 (sales OR ship! or shipp!)

Final Negotiated Boolean Query: "accounting" AND contingent AND (sales OR ship! or shipp!)

Sampling: 826473 pooled, 500 assessed, 0 judged highly relevant, 54 other judged relevant, 444 judged non-relevant, 2 gray, "C"=2.31

Est. Rel.: 23032.3 (including 0.0 estimated highly relevant)

Final Boolean Result Size (B): 3418, **F1:** 1.4%, (**Precision:** 7.1%, **Recall:** 0.8%)

Participant High F1@K: 39.3% (otL08fbe), **Median F1@K:** 1.5%

5 Deepest Sampled Highly Relevant Documents:

5 Deepest Sampled Other Relevant Documents: hsc48e00-12562.7 (wat2text-77896), yhj11c00-2311.8 (otL08fbe-6027), cpn41d00-2252.9 (otL08fbe-5854), kjh51d00-1806.9 (UrsinusBM25b-4580), flz92a00-1527.0 (RMITrp1-3812)

Topic 145 (2008-H-4)

Request Text: All documents concerning actual or projected sales.

Initial Proposal by Defendant: "actual sales" OR "projected sales"

Rejoinder by Plaintiff: (estimate! OR anticipate! OR forecast! OR actual OR project!) w/5 sales

Final Negotiated Boolean Query: (estimate! OR anticipate! OR forecast! OR actual OR project!) w/2 sales

Sampling: 858127 pooled, 499 assessed, 148 judged highly relevant, 52 other judged relevant, 297 judged non-relevant, 2 gray, "C"=2.01

Est. Rel.: 91790.9 (including 51312.6 estimated highly relevant)

Final Boolean Result Size (B): 40315, **F1:** 29.8%, (**Precision:** 53.2%, **Recall:** 20.7%)

Participant High F1@K: 50.9% (otL08rv), **Median F1@K:** 22.2%

5 Deepest Sampled Highly Relevant Documents: lck90f00-11826.9 (UrsinusBM25b-58051), auy92e00-5870.3 (IowaSL0804-16667), lft69d00-5340.8 (IowaSL0805-14616), hdy85f00-5098.5 (otL08fbe-13726), nkf05f00-3265.4 (SabL08arbn-7828)

5 Deepest Sampled Other Relevant Documents: txh70a00-11859.1 (otL08rv-58440), yiq88e00-5567.9 (UIowa08Lega-15477), fdl97d00-5233.2 (UrsinusBM25b-14217), yml03d00-4229.8 (UrsinusBM25a-10760), fsd30d00-3483.1 (CTFrtSk-8460)

Topic 147 (2008-H-6)

Request Text: All documents concerning customer returns of cigarettes.

Initial Proposal by Defendant: "customer returns" w/3 cigarette!

Rejoinder by Plaintiff: (customer! OR purchaser!) w/20 (return! OR refund! OR contingent! OR refus!) w/10 cigarette OR tobacco

Final Negotiated Boolean Query: (customer! OR purchaser!) w/10 (return! OR refund! OR contingent! OR refus!) w/10 (cigarette OR tobacco)

Sampling: 919625 pooled, 512 assessed, 7 judged highly relevant, 170 other judged relevant, 332 judged non-relevant, 3 gray, "C"=2.08

Est. Rel.: 66287.1 (including 1555.5 estimated highly relevant)

Final Boolean Result Size (B): 1102, **F1:** 0.5%, (**Precision:** 14.5%, **Recall:** 0.3%)

Participant High F1@K: 35.4% (otL08fbe), **Median F1@K:** 2.0%

5 Deepest Sampled Highly Relevant Documents: oty68c00-1448.6 (UrsinusBM25a-3252), oiy53c00-46.5 (otL08fbe-97), tcv90f00-25.4 (wat3nobool-53), cuf56d00-13.9 (UMDAURCC40-

29), znq72a00-11.0 (UMDAURCC40-23)

5 Deepest Sampled Other Relevant Documents: ybs92e00-12138.7 (otL08fbe-64308), dpj97c00-11011.0 (UrsinusPwrB-51016), pze66d00-8252.2 (otL08fbe-29255), rmd67c00-7945.8 (RMITbp1-27453), qqp56d00-4399.2 (UrsinusBM25a-11744)

Topic 148 (2008-H-7)

Request Text: All documents concerning the Company's FMLA policies, practices and procedures.

Initial Proposal by Defendant: (FMLA OR "federal medical leave act") AND (policies OR practices OR procedures)

Rejoinder by Plaintiff: (FMLA OR "federal medical leave act") AND (leave w/10 polic!)

Consensus1: (policy OR policies OR practice! or procedure! OR rule! OR guideline! OR standard! OR handbook! OR manual!) AND (FMLA OR leave OR "Family medical leave" OR absence)

Final Negotiated Boolean Query: (policy OR policies OR practice! or procedure! OR rule! OR guideline! OR standard! OR handbook! OR manual!) w/50 (FMLA OR leave OR "Family medical leave" OR absence)

Sampling: 986704 pooled, 499 assessed, 25 judged highly relevant, 22 other judged relevant, 451 judged non-relevant, 1 gray, "C"=2.69

Est. Rel.: 320.6 (including 52.2 estimated highly relevant)

Final Boolean Result Size (B): 40863, **F1:** 1.4%, (**Precision:** 0.7%, **Recall:** 87.7%)

Participant High F1@K: 18.9% (RMITrp1), **Median F1@K:** 1.6%

5 Deepest Sampled Highly Relevant Documents: cyq63d00-17.1 (IowaSL0804-46), clq34c00-6.7 (SabL08ab1-18), mgo64a00-4.1 (SabL08ab1-11), lgo64a00-3.3 (otL08frw-9), udt97c00-1.0 (UMDAURCC40-5)

5 Deepest Sampled Other Relevant Documents: ajd74a00-139.8 (otL08fbe-379), bqz32e00-40.0 (otL08fb-108), nqb30a00-14.5 (otL08fbe-39), imm31f00-13.0 (CTFgge10kBr0-35), cwo65a00-12.3 (UrsinusPwrB-33)

Topic 149 (2008-H-8)

Request Text: All documents concerning complaints by employees of retaliation following the taking of leave.

Initial Proposal by Defendant: retaliation w/5 (taking w/2 leave)

Rejoinder by Plaintiff: (retaliat! OR discipline! OR warning! OR punish!) w/21 leave

Final Negotiated Boolean Query: (retaliat! OR discipline! OR warning! OR punish!) w/10 leave

Sampling: 915066 pooled, 493 assessed, 2 judged highly relevant, 26 other judged relevant, 450 judged non-relevant, 15 gray, "C"=2.33

Est. Rel.: 172.1 (including 2.0 estimated highly relevant)

Final Boolean Result Size (B): 620, **F1:** 1.0%, (**Precision:** 0.7%, **Recall:** 2.3%)

Participant High F1@K: 31.9% (RMITrp2), **Median F1@K:** 1.9%

5 Deepest Sampled Highly Relevant Documents: lph72d00-1.0 (UMDCRC40-4), hbl63c00-

1.0 (IowaSL0804b-1)

5 Deepest Sampled Other Relevant Documents: ujr99d00-59.4 (wat2text-139), qft78e00-32.1 (wat2text-75), eab78e00-17.1 (IowaSL08Ref-40), wqe62c00-13.7 (UrsinusBM25b-32), afa75a00-9.8 (RMITrp1-23)

Topic 150 (2008-H-9)

Request Text: All documents concerning the Company's liability for the alleged violation of the FMLA.

Initial Proposal by Defendant: violation w/10 (FMLA or "family medical leave act")

Rejoinder by Plaintiff: ((retaliat! OR discipline! OR warning! OR punish!) w/10 leave) AND (liable OR liability or judgment! OR settlement! OR award!)

Final Negotiated Boolean Query: ((retaliat! OR discipline! OR warning! OR punish!) w/10 leave) AND (liable OR liability or judgment! OR settlement! OR award!)

Sampling: 670654 pooled, 500 assessed, 2 judged highly relevant, 179 other judged relevant, 315 judged non-relevant, 4 gray, "C"=2.94

Est. Rel.: 159270.8 (including 2.0 estimated highly relevant)

Final Boolean Result Size (B): 369, **F1:** 0.2%, (**Precision:** 53.3%, **Recall:** 0.1%)

Participant High F1@K: 21.8% (wat7fuse), **Median F1@K:** 1.3%

5 Deepest Sampled Highly Relevant Documents: lph72d00-1.0 (CTFrSk-1), ozy57c00-1.0 (UrsinusBM25a-1)

5 Deepest Sampled Other Relevant Documents: eyj45a00-12421.9 (RMITrp3-96443), qpw16e00-12314.4 (SabL08ar2-94272), hzx2aa00-12157.2 (UIowa08Lega-91202), lec59c00-12050.6 (otL08rvlq-89191), tfx68d00-11815.9 (CTFgge10kBr0-84946)

References

[1] TREC Legal Track Home Page. <http://trec-legal.umiacs.umd.edu/>.