

Appendix: TREC 2008 Legal Track, Interactive Task

This Appendix records the scores (both pre-adjudicated and post-adjudicated) of the experimental Interactive participant runs, experimental reference runs, and experimental Ad Hoc participant runs for the 3 test topics of the Interactive Task of the TREC 2008 Legal Track. (For more information on the task, please see the track overview paper, “Overview of the TREC 2008 Legal Track,” in these proceedings.)

Tables 1 through 6 list the scores of the experimental Interactive participant runs and various reference runs. Tables 1, 3 and 5 list the “pre-adjudicated” scores for Topics 102, 103 and 104 respectively (“pre-adjudicated” means that the scores are from before the participants could appeal the relevance judgments). Tables 2, 4 and 6 list the “post-adjudicated” scores for Topics 102, 103 and 104 respectively.

Tables 7 through 12 list the scores of the experimental Ad Hoc participant runs (Tables 7, 9 and 11 list the “pre-adjudicated” scores for Topics 102, 103 and 104 respectively, and Tables 8, 10 and 12 list the “post-adjudicated” scores for Topics 102, 103 and 104 respectively).

The run identifiers of the 4 experimental Interactive participant runs are Clearwell08, H52008, PittSIST1, ublegal08. For more information on the experimental techniques used for these runs, please see the participant papers and the track overview paper.

The run identifiers of the 4 negotiated Boolean query reference runs are xrefL08D (initial proposal by the defendant), xrefL08P (rejoinder by the plaintiff), xrefL08C (original consensus of the negotiations), and refL08B (final negotiated query after ensuring that the number of matches was in the 100 to 100,000 range).

The run identifiers of 3 other reference runs are fullset08 (the entire set of documents in the collection), adhocpool08 (the set of submitted documents from all Ad Hoc participant runs, plus all negotiated Boolean query documents) and hi F_1 -adhoc08 (the highest-scoring Ad Hoc participant run in the F_1 score).

There were 64 experimental Ad Hoc participant runs. Note that the Ad Hoc runs were limited to at most 100,000 documents retrieved for a topic (unlike the Interactive participant runs). More information on the Ad Hoc experiments is in the track overview paper, the participant papers, and other appendices focused on the Ad Hoc task.

For Tables 1 through 6, the table headings were as follows: “Retrieved” is the number of documents in the result set, “Recall” is the estimated recall of the result set (i.e., the estimated number of relevant documents retrieved divided by the estimated total number of relevant documents), “Precision” is the estimated precision of the result set (i.e., the estimated number of relevant documents retrieved divided by the sum of the estimated number of relevant and non-relevant documents), “ F_1 ” is the estimated F_1 score of the result set (F_1 is $2 * \text{Precision} * \text{Recall} / (\text{Precision} + \text{Recall})$), “Gray” is the estimated percentage of the result set that was gray documents (please see the track overview paper for the definition of a gray document), “Num. Judged” is the actual number of judged documents in the result set, followed in parentheses by the actual number of relevant (r), non-relevant (n) and gray (g) documents. Note that because stratified sampling was used (i.e., different parts of the result sets were sampled with different draw probabilities) the estimated numbers of relevant and non-relevant documents in a result set are not in general exactly proportional to the drawn numbers.

For Tables 7 through 12, the “Fields” column indicates which topic fields were used by the experimental Ad Hoc run (please see the track overview paper for an explanation of the field codes), and “K” is the Ad Hoc system’s choice of the retrieval depth for maximizing F_1 (again, note that “K” was limited to at most 100,000 for Ad Hoc runs).

As always for TREC experiments, it should be kept in mind that retrieval submissions typically are evaluating experimental techniques and do not necessarily reflect typical performance in practice. The test

Run	Retrieved	Recall	Precision	F_1	Gray	Num. Judged
adhocpool08	546126	0.316	0.330	0.323	0.013	2630 (1421r, 1187n, 22g)
hi F_1 -adhoc08	100000	0.123	0.720	0.210	0.034	1315 (1059r, 245n, 11g)
xrefL08P	113796	0.115	0.650	0.195	0.037	1132 (874r, 245n, 13g)
refL08B	86742	0.101	0.705	0.176	0.040	1032 (821r, 200n, 11g)
xrefL08C	86742	0.101	0.705	0.176	0.040	1032 (821r, 200n, 11g)
fullset08	6910192	1.000	0.083	0.154	0.021	4500 (1547r, 2888n, 65g)
Clearwell08	13695	0.016	0.649	0.031	0.007	1365 (884r, 471n, 10g)
PittSIST1	4505	0.007	0.866	0.014	0.009	476 (407r, 65n, 4g)
xrefL08D	980	0.002	0.930	0.003	0.010	103 (95r, 7n, 1g)

Table 1: Scores of Interactive and Reference Runs for Topic 102, Pre-Adjudication (563316.3 Est. Relevant Documents).

Run	Retrieved	Recall	Precision	F_1	Gray	Num. Judged
adhocpool08	546126	0.314	0.328	0.321	0.013	2630 (1420r, 1188n, 22g)
hi F_1 -adhoc08	100000	0.121	0.710	0.207	0.034	1315 (1058r, 246n, 11g)
xrefL08P	113796	0.113	0.640	0.192	0.037	1132 (873r, 246n, 13g)
refL08B	86742	0.099	0.693	0.173	0.040	1032 (820r, 201n, 11g)
xrefL08C	86742	0.099	0.693	0.173	0.040	1032 (820r, 201n, 11g)
fullset08	6910192	1.000	0.083	0.153	0.021	4500 (1548r, 2887n, 65g)
Clearwell08	13695	0.016	0.652	0.031	0.007	1365 (887r, 468n, 10g)
PittSIST1	4505	0.007	0.866	0.014	0.009	476 (407r, 65n, 4g)
xrefL08D	980	0.002	0.930	0.003	0.010	103 (95r, 7n, 1g)

Table 2: Scores of Interactive and Reference Runs for Topic 102, Post-Adjudication (562402.2 Est. Relevant Documents).

scenarios may have important differences from practical scenarios. Scores estimated from sampling inherently are subject to sampling error. Relevance assessments are also subject to error, even post-adjudication. Please consult the track overview paper and participant papers for more information on the research methodology and experiments conducted.

Run	Retrieved	Recall	Precision	F_1	Gray	Num. Judged
H52008	608807	0.425	0.641	0.511	0.004	3201 (2112r, 1078n, 11g)
adhocpool08	837889	0.354	0.390	0.371	0.009	3159 (1622r, 1517n, 20g)
xrefL08P	280383	0.179	0.619	0.277	0.008	1397 (947r, 441n, 9g)
fullset08	6910192	1.000	0.136	0.239	0.025	6500 (2663r, 3758n, 79g)
Clearwell08	175455	0.121	0.631	0.202	0.005	1406 (874r, 523n, 9g)
xrefL08C	140680	0.104	0.704	0.181	0.001	800 (577r, 222n, 1g)
hi F_1 -adhoc08	100000	0.087	0.747	0.155	0.001	690 (513r, 176n, 1g)
refL08B	80225	0.059	0.677	0.109	0.002	478 (335r, 142n, 1g)
ublegal08	67334	0.047	0.634	0.087	0.002	579 (364r, 214n, 1g)
xrefL08D	35290	0.025	0.605	0.048	0.000	220 (138r, 82n, 0g)
PittSIST1	25816	0.020	0.700	0.038	0.000	242 (162r, 79n, 1g)

Table 3: Scores of Interactive and Reference Runs for Topic 103, Pre-Adjudication (914528.2 Est. Relevant Documents).

Run	Retrieved	Recall	Precision	F_1	Gray	Num. Judged
H52008	608807	0.624	0.810	0.705	0.004	3201 (2638r, 552n, 11g)
adhocpool08	837889	0.403	0.382	0.392	0.009	3159 (1750r, 1389n, 20g)
xrefL08P	280383	0.218	0.649	0.326	0.008	1397 (1051r, 337n, 9g)
Clearwell08	175455	0.158	0.711	0.258	0.005	1406 (979r, 418n, 9g)
xrefL08C	140680	0.129	0.756	0.221	0.001	800 (639r, 160n, 1g)
fullset08	6910192	1.000	0.117	0.209	0.025	6500 (2981r, 3440n, 79g)
hi F_1 -adhoc08	100000	0.103	0.762	0.181	0.001	690 (548r, 141n, 1g)
refL08B	80225	0.074	0.731	0.135	0.002	478 (374r, 103n, 1g)
ublegal08	67334	0.061	0.716	0.113	0.002	579 (410r, 168n, 1g)
xrefL08D	35290	0.030	0.634	0.058	0.000	220 (155r, 65n, 0g)
PittSIST1	25816	0.026	0.804	0.051	0.000	242 (185r, 56n, 1g)

Table 4: Scores of Interactive and Reference Runs for Topic 103, Post-Adjudication (786862.0 Est. Relevant Documents).

Run	Retrieved	Recall	Precision	F_1	Gray	Num. Judged
hi F_1 -adhoc08	100000	0.084	0.045	0.059	0.000	386 (67r, 317n, 2g)
adhocpool08	689548	0.330	0.025	0.047	0.007	1235 (86r, 1140n, 9g)
fullset08	6910192	1.000	0.008	0.015	0.006	2500 (93r, 2390n, 17g)
Clearwell08	549	0.002	0.226	0.005	0.007	280 (62r, 216n, 2g)
xrefL08P	2682	0.002	0.083	0.003	0.002	128 (40r, 87n, 1g)
xrefL08C	2680	0.002	0.083	0.003	0.002	128 (40r, 87n, 1g)
refL08B	2680	0.002	0.083	0.003	0.002	128 (40r, 87n, 1g)
xrefL08D	16	0.000	0.571	0.000	0.000	7 (4r, 3n, 0g)

Table 5: Scores of Interactive and Reference Runs for Topic 104, Pre-Adjudication (52006.6 Est. Relevant Documents).

Run	Retrieved	Recall	Precision	F_1	Gray	Num. Judged
hi F_1 -adhoc08	100000	0.096	0.045	0.061	0.000	386 (69r, 315n, 2g)
adhocpool08	689548	0.345	0.023	0.043	0.007	1235 (86r, 1140n, 9g)
fullset08	6910192	1.000	0.007	0.013	0.006	2500 (92r, 2391n, 17g)
Clearwell08	549	0.003	0.234	0.005	0.007	280 (64r, 214n, 2g)
xrefL08P	2682	0.002	0.085	0.004	0.002	128 (41r, 86n, 1g)
xrefL08C	2680	0.002	0.085	0.004	0.002	128 (41r, 86n, 1g)
refL08B	2680	0.002	0.085	0.004	0.002	128 (41r, 86n, 1g)
xrefL08D	16	0.000	0.571	0.000	0.000	7 (4r, 3n, 0g)

Table 6: Scores of Interactive and Reference Runs for Topic 104, Post-Adjudication (45613.5 Est. Relevant Documents).

Run	Fields	K	Recall@K	Precision@K	F_1 @K	Gray@K	Num. Judged@K
otL08frw	brmBM	100000	0.123	0.720	0.210	0.034	1315 (1059r, 245n, 11g)
otL08fbe	bmBM	100000	0.118	0.695	0.202	0.034	1069 (853r, 206n, 10g)
wat7fuse	br	100000	0.117	0.674	0.199	0.024	1317 (1042r, 266n, 9g)
CTFgge10kBr0	bdprBM	100000	0.112	0.680	0.192	0.040	1217 (977r, 227n, 13g)
IowaSL0804b	bdprB	86742	0.107	0.722	0.187	0.028	1232 (1022r, 202n, 8g)
IowaSL0804	bdpr	86742	0.107	0.718	0.187	0.022	1222 (1018r, 198n, 6g)
IowaSL0808m2	bdprB	86742	0.107	0.721	0.186	0.022	1229 (1021r, 201n, 7g)
IowaSL0808m3	bdporB	86742	0.107	0.717	0.186	0.022	1229 (1021r, 201n, 7g)
IowaSL0808b	bdporB	86742	0.107	0.717	0.186	0.017	1225 (1017r, 202n, 6g)
IowaSL0805b	bdprB	86742	0.106	0.715	0.184	0.017	1222 (1014r, 202n, 6g)
wat8fuse	brv	86742	0.106	0.690	0.184	0.027	1238 (993r, 237n, 8g)
CTFggeRkBr0	bdprBM	86742	0.103	0.714	0.180	0.040	1122 (912r, 198n, 12g)
IowaSL0805	bdprB	86742	0.103	0.706	0.180	0.017	1212 (1008r, 199n, 5g)
UMDAURCP3	bdprmB	86742	0.101	0.707	0.177	0.040	1032 (822r, 199n, 11g)
UMDCRP3	bdprmB	86742	0.101	0.707	0.177	0.040	1032 (822r, 199n, 11g)
otL08rvl	rmM	79960	0.101	0.730	0.177	0.007	1233 (1021r, 206n, 6g)
otL08fb	bvmBM	86742	0.101	0.705	0.176	0.040	1032 (821r, 200n, 11g)
UMDAURCC40	bdprmB	86742	0.100	0.703	0.175	0.040	1033 (822r, 200n, 11g)
UMDCRC40	bdprmB	86742	0.100	0.703	0.175	0.040	1033 (822r, 200n, 11g)
IowaSL08Ref	r	86742	0.097	0.744	0.171	0.007	1231 (1013r, 212n, 6g)
UMDSTD	rm	86742	0.095	0.646	0.165	0.012	1078 (868r, 205n, 5g)
wat3nobool	brB	100000	0.083	0.455	0.141	0.014	637 (386r, 246n, 5g)
otL08rvlq	rmM	60213	0.077	0.745	0.139	0.009	1097 (910r, 183n, 4g)
CTFgge4kBr0	bdprBM	40000	0.056	0.820	0.105	0.047	645 (546r, 94n, 5g)
otL08rv	rmM	40282	0.056	0.815	0.105	0.013	977 (857r, 117n, 3g)
uva-xb	r	37145	0.048	0.764	0.091	0.001	808 (701r, 104n, 3g)
otL08fv	bmM	27195	0.044	0.827	0.083	0.001	622 (568r, 52n, 2g)
UrsinusBM25b	r	29148	0.036	0.699	0.069	0.001	761 (665r, 94n, 2g)
wat2text	r	25000	0.036	0.851	0.068	0.020	705 (628r, 74n, 3g)
wat6fuse	br	25000	0.035	0.872	0.068	0.021	621 (558r, 61n, 2g)
SabL08ab1	bdporm	20000	0.035	0.915	0.067	0.000	485 (442r, 43n, 0g)
SabL08arbn	bdporm	20000	0.035	0.861	0.067	0.000	470 (431r, 39n, 0g)
UrsinusBM25a	r	27876	0.034	0.712	0.066	0.001	734 (645r, 87n, 2g)
SabL08ar2	rm	20000	0.031	0.866	0.060	0.000	502 (462r, 40n, 0g)
UIowa08LegE0	r	20000	0.030	0.874	0.059	0.002	724 (658r, 60n, 3g)
UIowa08Lega	bm	20000	0.029	0.916	0.057	0.001	556 (496r, 59n, 1g)
UCEDLSla	r	23062	0.028	0.756	0.055	0.000	491 (441r, 50n, 0g)
uva-xconst	r	16904	0.027	0.796	0.052	0.002	559 (494r, 62n, 3g)
UrsinusPwrC	r	14992	0.025	0.939	0.048	0.001	551 (506r, 44n, 1g)
UrsinusPwrB	r	11967	0.021	0.937	0.042	0.001	467 (431r, 35n, 1g)
wat4fuse	br	14292	0.021	0.943	0.041	0.001	429 (402r, 26n, 1g)
UIowa08LegE1	b	12340	0.020	0.839	0.039	0.001	228 (197r, 30n, 1g)
UrsinusPwrA	r	11893	0.020	0.899	0.039	0.001	462 (428r, 33n, 1g)
UIowa08LegE2	b	12340	0.020	0.839	0.039	0.001	228 (197r, 30n, 1g)
wat1fuse	br	7698	0.009	0.973	0.018	0.002	273 (257r, 15n, 1g)
RMITrp2	r	4598	0.009	0.985	0.018	0.000	205 (197r, 8n, 0g)
RMITrp1	r	4471	0.009	0.985	0.018	0.000	199 (191r, 8n, 0g)
uva-xk	r	4461	0.009	0.901	0.017	0.000	218 (211r, 7n, 0g)
RMITbp2	b	4779	0.008	0.985	0.017	0.000	113 (106r, 7n, 0g)
RMITbp1	b	4804	0.008	0.985	0.017	0.000	111 (104r, 7n, 0g)
RMITbp3	b	4980	0.008	0.982	0.016	0.000	127 (119r, 8n, 0g)
uvabase	r	4187	0.008	0.889	0.015	0.000	218 (210r, 8n, 0g)
RMITrp3	r	2497	0.007	0.995	0.014	0.002	120 (117r, 2n, 1g)
UCEDLSlb	r	3789	0.006	0.984	0.012	0.000	175 (169r, 6n, 0g)
UrsinusVa	r	2313	0.005	0.993	0.010	0.000	97 (95r, 2n, 0g)
UIowa08Leg3	bm	20000	0.003	0.076	0.006	0.018	57 (5r, 51n, 1g)
otL08db	dmM	980	0.002	0.930	0.003	0.010	103 (95r, 7n, 1g)
CTFggeBkBr0	bdprBM	534	0.001	1.000	0.002	0.000	19 (19r, 0n, 0g)
CTFggeBkBr1	bdprBM	534	0.001	1.000	0.002	0.000	20 (20r, 0n, 0g)
wat5fuse	br	1104	0.001	0.980	0.002	0.000	50 (49r, 1n, 0g)
CTFrtSk	r	500	0.001	1.000	0.001	0.000	41 (41r, 0n, 0g)
CTFrtSkBr0	rB	500	0.001	1.000	0.001	0.000	40 (40r, 0n, 0g)
CTFggeSkBr0	bdprBM	301	0.000	1.000	0.000	0.000	10 (10r, 0n, 0g)
UIowa08LegE4	bm	1					0 (0r, 0n, 0g)

Table 7: Scores of Ad Hoc Runs for Topic 102, Pre-Adjudication (563316.3 Est. Relevant Documents).

Run	Fields	K	Recall@K	Precision@K	F_1 @K	Gray@K	Num. Judged@K
otL08frw	brmBM	100000	0.121	0.710	0.207	0.034	1315 (1058r, 246n, 11g)
otL08fbe	bmBM	100000	0.118	0.690	0.201	0.034	1069 (853r, 206n, 10g)
wat7fuse	br	100000	0.116	0.670	0.198	0.024	1317 (1042r, 266n, 9g)
CTFgge10kBr0	bdprBM	100000	0.111	0.675	0.191	0.040	1217 (977r, 227n, 13g)
IowaSL0804b	bdprB	86742	0.108	0.722	0.187	0.028	1232 (1022r, 202n, 8g)
IowaSL0804	bdpr	86742	0.108	0.718	0.187	0.022	1222 (1018r, 198n, 6g)
IowaSL0808m2	bdprB	86742	0.107	0.721	0.186	0.022	1229 (1021r, 201n, 7g)
IowaSL0808m3	bdporB	86742	0.107	0.717	0.186	0.022	1229 (1021r, 201n, 7g)
IowaSL0808b	bdporB	86742	0.107	0.717	0.186	0.017	1225 (1017r, 202n, 6g)
IowaSL0805b	bdprB	86742	0.106	0.715	0.184	0.017	1222 (1014r, 202n, 6g)
wat8fuse	brv	86742	0.105	0.685	0.183	0.027	1238 (993r, 237n, 8g)
IowaSL0805	bdprB	86742	0.103	0.706	0.180	0.017	1212 (1008r, 199n, 5g)
CTFggeRkBr0	bdprBM	86742	0.102	0.708	0.179	0.040	1122 (912r, 198n, 12g)
UMDAURCP3	bdprmB	86742	0.100	0.695	0.175	0.040	1032 (821r, 200n, 11g)
UMDCRP3	bdprmB	86742	0.100	0.695	0.175	0.040	1032 (821r, 200n, 11g)
otL08rvl	rmM	79960	0.099	0.718	0.174	0.007	1233 (1019r, 208n, 6g)
otL08fb	bvmBM	86742	0.099	0.693	0.173	0.040	1032 (820r, 201n, 11g)
UMDAURCC40	bdprmB	86742	0.098	0.691	0.172	0.040	1033 (821r, 201n, 11g)
UMDCRC40	bdprmB	86742	0.098	0.691	0.172	0.040	1033 (821r, 201n, 11g)
IowaSL08Ref	r	86742	0.096	0.737	0.170	0.007	1231 (1012r, 213n, 6g)
UMDSTD	rm	86742	0.094	0.640	0.164	0.012	1078 (867r, 206n, 5g)
wat3nobool	brB	100000	0.083	0.455	0.141	0.014	637 (386r, 246n, 5g)
otL08rvlq	rmM	60213	0.076	0.737	0.138	0.009	1097 (909r, 184n, 4g)
CTFgge4kBr0	bdprBM	40000	0.056	0.808	0.104	0.047	645 (545r, 95n, 5g)
otL08rv	rmM	40282	0.055	0.803	0.104	0.013	977 (856r, 118n, 3g)
uva-xb	r	37145	0.049	0.764	0.091	0.001	808 (701r, 104n, 3g)
otL08fv	bmM	27195	0.044	0.827	0.083	0.001	622 (568r, 52n, 2g)
UrsinusBM25b	r	29148	0.036	0.699	0.069	0.001	761 (665r, 94n, 2g)
wat2text	r	25000	0.036	0.851	0.069	0.020	705 (628r, 74n, 3g)
wat6fuse	br	25000	0.035	0.872	0.068	0.021	621 (558r, 61n, 2g)
SabL08ab1	bdporm	20000	0.035	0.915	0.067	0.000	485 (442r, 43n, 0g)
SabL08arbn	bdporm	20000	0.035	0.861	0.067	0.000	470 (431r, 39n, 0g)
UrsinusBM25a	r	27876	0.034	0.712	0.066	0.001	734 (645r, 87n, 2g)
SabL08ar2	rm	20000	0.031	0.866	0.060	0.000	502 (462r, 40n, 0g)
UIowa08LegE0	r	20000	0.030	0.874	0.059	0.002	724 (658r, 60n, 3g)
UIowa08Lega	bm	20000	0.029	0.916	0.057	0.001	556 (496r, 59n, 1g)
UCEDLSla	r	23062	0.028	0.756	0.055	0.000	491 (441r, 50n, 0g)
uva-xconst	r	16904	0.027	0.796	0.052	0.002	559 (494r, 62n, 3g)
UrsinusPwrC	r	14992	0.025	0.939	0.048	0.001	551 (506r, 44n, 1g)
UrsinusPwrB	r	11967	0.021	0.937	0.042	0.001	467 (431r, 35n, 1g)
wat4fuse	br	14292	0.021	0.943	0.041	0.001	429 (402r, 26n, 1g)
UIowa08LegE1	b	12340	0.020	0.839	0.039	0.001	228 (197r, 30n, 1g)
UrsinusPwrA	r	11893	0.020	0.899	0.039	0.001	462 (428r, 33n, 1g)
UIowa08LegE2	b	12340	0.020	0.839	0.039	0.001	228 (197r, 30n, 1g)
wat1fuse	br	7698	0.009	0.973	0.019	0.002	273 (257r, 15n, 1g)
RMITrp2	r	4598	0.009	0.985	0.018	0.000	205 (197r, 8n, 0g)
RMITrp1	r	4471	0.009	0.985	0.018	0.000	199 (191r, 8n, 0g)
uva-xk	r	4461	0.009	0.901	0.017	0.000	218 (211r, 7n, 0g)
RMITbp2	b	4779	0.008	0.985	0.017	0.000	113 (106r, 7n, 0g)
RMITbp1	b	4804	0.008	0.985	0.017	0.000	111 (104r, 7n, 0g)
RMITbp3	b	4980	0.008	0.982	0.016	0.000	127 (119r, 8n, 0g)
uvabase	r	4187	0.008	0.889	0.015	0.000	218 (210r, 8n, 0g)
RMITrp3	r	2497	0.007	0.995	0.014	0.002	120 (117r, 2n, 1g)
UCEDLSlb	r	3789	0.006	0.984	0.012	0.000	175 (169r, 6n, 0g)
UrsinusVa	r	2313	0.005	0.993	0.010	0.000	97 (95r, 2n, 0g)
UIowa08Leg3	bm	20000	0.003	0.076	0.006	0.018	57 (5r, 51n, 1g)
otL08db	dmM	980	0.002	0.930	0.003	0.010	103 (95r, 7n, 1g)
CTFggeBkBr0	bdprBM	534	0.001	1.000	0.002	0.000	19 (19r, 0n, 0g)
CTFggeBkBr1	bdprBM	534	0.001	1.000	0.002	0.000	20 (20r, 0n, 0g)
wat5fuse	br	1104	0.001	0.980	0.002	0.000	50 (49r, 1n, 0g)
CTFrtSk	r	500	0.001	1.000	0.001	0.000	41 (41r, 0n, 0g)
CTFrtSkBr0	rB	500	0.001	1.000	0.001	0.000	40 (40r, 0n, 0g)
CTFggeSkBr0	bdprBM	301	0.000	1.000	0.000	0.000	10 (10r, 0n, 0g)
UIowa08LegE4	bm	1					0 (0r, 0n, 0g)

Table 8: Scores of Ad Hoc Runs for Topic 102, Post-Adjudication (562402.2 Est. Relevant Documents).

Run	Fields	K	Recall@K	Precision@K	F_1 @K	Gray@K	Num. Judged@K
otL08fv	bmM	100000	0.087	0.747	0.155	0.001	690 (513r, 176n, 1g)
CTFgge10kBr0	bdprBM	100000	0.081	0.723	0.145	0.001	621 (458r, 162n, 1g)
otL08frw	brmBM	100000	0.079	0.714	0.142	0.001	616 (451r, 164n, 1g)
otL08rv	rmM	100000	0.076	0.632	0.136	0.004	596 (402r, 193n, 1g)
otL08rvl	rmM	100000	0.074	0.676	0.134	0.000	598 (422r, 176n, 0g)
wat7fuse	br	100000	0.069	0.620	0.123	0.006	620 (400r, 218n, 2g)
IowaSL0808b	bdporB	80225	0.067	0.735	0.123	0.002	560 (414r, 145n, 1g)
IowaSL0808m2	bdprB	80225	0.067	0.727	0.123	0.002	560 (409r, 150n, 1g)
IowaSL0805b	bdprB	80225	0.067	0.732	0.122	0.002	557 (409r, 147n, 1g)
IowaSL0808m3	bdporB	80225	0.066	0.725	0.122	0.002	562 (411r, 150n, 1g)
IowaSL0804	bdpr	80225	0.066	0.731	0.122	0.002	552 (404r, 147n, 1g)
IowaSL0804b	bdprB	80225	0.066	0.725	0.122	0.002	556 (405r, 150n, 1g)
IowaSL0805	bdprB	80225	0.066	0.730	0.121	0.002	550 (402r, 147n, 1g)
CTFggeRkBr0	bdprBM	80225	0.064	0.725	0.117	0.002	487 (362r, 124n, 1g)
otL08fbe	bmBM	100000	0.063	0.564	0.113	0.001	574 (349r, 224n, 1g)
UMDCRP3	bdprmB	80225	0.060	0.681	0.111	0.002	485 (341r, 143n, 1g)
UMDCRC40	bdprmB	80225	0.059	0.679	0.109	0.002	478 (336r, 141n, 1g)
UMDAURCC40	bdprmB	80225	0.059	0.679	0.109	0.002	477 (335r, 141n, 1g)
otL08fb	bvmBM	80225	0.059	0.677	0.109	0.002	478 (335r, 142n, 1g)
otL08rvlq	rmM	100000	0.059	0.535	0.107	0.006	551 (326r, 223n, 2g)
UMDAURCP3	bdprmB	80225	0.058	0.664	0.106	0.002	474 (331r, 142n, 1g)
wat8fuse	brv	80225	0.055	0.637	0.101	0.008	508 (334r, 172n, 2g)
CTFggeBkBr1	bdprBM	66367	0.054	0.703	0.100	0.002	420 (306r, 113n, 1g)
wat3nobool	brB	99999	0.055	0.511	0.100	0.005	543 (309r, 233n, 1g)
CTFggeBkBr0	bdprBM	66367	0.052	0.697	0.096	0.002	405 (292r, 112n, 1g)
IowaSL08Ref	r	80225	0.051	0.573	0.094	0.007	438 (263r, 173n, 2g)
UMDSTD	rm	80225	0.049	0.530	0.090	0.006	468 (270r, 197n, 1g)
CTFgge4kBr0	bdprBM	40000	0.033	0.693	0.062	0.003	266 (193r, 72n, 1g)
uvabase	r	39979	0.032	0.679	0.061	0.000	252 (177r, 75n, 0g)
CTFggeSkBr0	bdprBM	37421	0.031	0.690	0.059	0.003	254 (185r, 68n, 1g)
uva-xk	r	36064	0.030	0.683	0.058	0.000	236 (168r, 68n, 0g)
uva-xb	r	34354	0.029	0.685	0.056	0.000	228 (163r, 65n, 0g)
CTFrtSkBr0	rB	35498	0.028	0.698	0.055	0.004	230 (170r, 59n, 1g)
otL08db	dmM	35290	0.025	0.605	0.048	0.000	220 (138r, 82n, 0g)
CTFrtSk	r	35498	0.024	0.597	0.045	0.000	226 (141r, 85n, 0g)
RMITrp2	r	26974	0.022	0.693	0.043	0.000	173 (128r, 45n, 0g)
RMITrp1	r	27210	0.022	0.693	0.043	0.000	171 (127r, 44n, 0g)
wat6fuse	br	25000	0.021	0.705	0.042	0.005	205 (146r, 58n, 1g)
UrsinusPwrB	r	35471	0.021	0.573	0.042	0.000	181 (119r, 62n, 0g)
SabL08ab1	bdporm	20000	0.020	0.825	0.040	0.000	145 (120r, 25n, 0g)
SabL08arbn	bdporm	20000	0.020	0.824	0.039	0.000	140 (116r, 24n, 0g)
UIowa08Lega	bm	20000	0.019	0.723	0.037	0.000	155 (114r, 41n, 0g)
wat2text	r	25000	0.018	0.654	0.036	0.018	189 (124r, 64n, 1g)
UCEDLSla	r	36953	0.017	0.416	0.032	0.013	141 (70r, 70n, 1g)
UIowa08LegE2	b	20000	0.016	0.715	0.032	0.000	123 (88r, 35n, 0g)
UIowa08LegE1	b	20000	0.016	0.715	0.032	0.000	123 (88r, 35n, 0g)
wat4fuse	br	14718	0.014	0.766	0.028	0.008	128 (99r, 28n, 1g)
UIowa08LegE0	r	20000	0.013	0.635	0.026	0.000	127 (82r, 45n, 0g)
uva-xconst	r	16904	0.013	0.694	0.025	0.000	108 (78r, 30n, 0g)
SabL08ar2	rm	20000	0.012	0.628	0.024	0.000	100 (66r, 34n, 0g)
RMITbp1	b	19046	0.012	0.608	0.023	0.026	124 (75r, 48n, 1g)
RMITbp2	b	18386	0.012	0.606	0.023	0.026	127 (75r, 51n, 1g)
UrsinusBM25b	r	13817	0.010	0.698	0.019	0.000	78 (59r, 19n, 0g)
RMITbp3	b	17434	0.009	0.551	0.018	0.040	102 (55r, 45n, 2g)
wat1fuse	br	7843	0.007	0.816	0.014	0.000	64 (52r, 12n, 0g)
UrsinusPwrA	r	5077	0.003	0.593	0.005	0.000	20 (15r, 5n, 0g)
UrsinusPwrC	r	5077	0.003	0.593	0.005	0.000	20 (15r, 5n, 0g)
RMITrp3	r	4942	0.002	0.440	0.004	0.000	21 (13r, 8n, 0g)
UIowa08Leg3	bm	20000	0.002	0.090	0.004	0.024	50 (8r, 41n, 1g)
UCEDLSib	r	2916	0.002	0.662	0.004	0.000	9 (5r, 4n, 0g)
wat5fuse	br	968	0.001	0.848	0.002	0.000	6 (5r, 1n, 0g)
UrsinusBM25a	r	975	0.001	1.000	0.002	0.000	5 (5r, 0n, 0g)
UrsinusVa	r	1006	0.000	0.198	0.000	0.000	2 (1r, 1n, 0g)
UIowa08LegE4	bm	1					0 (0r, 0n, 0g)

Table 9: Scores of Ad Hoc Runs for Topic 103, Pre-Adjudication (914528.2 Est. Relevant Documents).

Run	Fields	K	Recall@K	Precision@K	F_1 @K	Gray@K	Num. Judged@K
otL08fv	bmM	100000	0.103	0.762	0.181	0.001	690 (548r, 141n, 1g)
CTFgge10kBr0	bdprBM	100000	0.096	0.743	0.170	0.001	621 (494r, 126n, 1g)
otL08frw	brmBM	100000	0.094	0.731	0.167	0.001	616 (484r, 131n, 1g)
otL08rvl	rmM	100000	0.088	0.691	0.157	0.000	598 (460r, 138n, 0g)
wat7fuse	br	100000	0.085	0.662	0.151	0.006	620 (451r, 167n, 2g)
IowaSL0808b	bdporB	80225	0.080	0.759	0.145	0.002	560 (442r, 117n, 1g)
otL08rv	rmM	100000	0.083	0.593	0.145	0.004	596 (419r, 176n, 1g)
IowaSL0808m3	bdporB	80225	0.080	0.748	0.144	0.002	562 (439r, 122n, 1g)
IowaSL0805b	bdprB	80225	0.079	0.748	0.143	0.002	557 (435r, 121n, 1g)
IowaSL0808m2	bdprB	80225	0.079	0.739	0.143	0.002	560 (435r, 124n, 1g)
IowaSL0804b	bdprB	80225	0.078	0.737	0.142	0.002	556 (431r, 124n, 1g)
IowaSL0804	bdpr	80225	0.078	0.737	0.141	0.002	552 (426r, 125n, 1g)
IowaSL0805	bdprB	80225	0.077	0.737	0.140	0.002	550 (425r, 124n, 1g)
CTFggeBkBr0	bdprBM	80225	0.075	0.732	0.136	0.002	487 (385r, 101n, 1g)
UMDCRP3	bdprmB	80225	0.075	0.728	0.136	0.002	485 (379r, 105n, 1g)
UMDCRC40	bdprmB	80225	0.074	0.733	0.135	0.002	478 (375r, 102n, 1g)
UMDAURCC40	bdprmB	80225	0.074	0.733	0.135	0.002	477 (374r, 102n, 1g)
otL08fb	bvmBM	80225	0.074	0.731	0.135	0.002	478 (374r, 103n, 1g)
UMDAURCP3	bdprmB	80225	0.072	0.717	0.132	0.002	474 (370r, 103n, 1g)
otL08fbe	bmBM	100000	0.074	0.576	0.132	0.001	574 (378r, 195n, 1g)
wat8fuse	brv	80225	0.069	0.690	0.125	0.008	508 (372r, 134n, 2g)
wat3nobool	brB	99999	0.067	0.533	0.119	0.005	543 (350r, 192n, 1g)
CTFggeBkBr1	bdprBM	66367	0.064	0.714	0.117	0.002	420 (325r, 94n, 1g)
otL08rvlq	rmM	100000	0.064	0.501	0.114	0.006	551 (346r, 203n, 2g)
CTFggeBkBr0	bdprBM	66367	0.062	0.717	0.114	0.002	405 (313r, 91n, 1g)
UMDSTD	rm	80225	0.057	0.529	0.103	0.006	468 (295r, 172n, 1g)
IowaSL08Ref	r	80225	0.052	0.509	0.095	0.007	438 (274r, 162n, 2g)
CTFgge4kBr0	bdprBM	40000	0.040	0.725	0.075	0.003	266 (208r, 57n, 1g)
CTFggeSkBr0	bdprBM	37421	0.037	0.721	0.071	0.003	254 (199r, 54n, 1g)
uvabase	r	39979	0.034	0.622	0.064	0.000	252 (177r, 75n, 0g)
CTFrtSkBr0	rB	35498	0.033	0.691	0.062	0.004	230 (177r, 52n, 1g)
uva-xk	r	36064	0.031	0.611	0.059	0.000	236 (165r, 71n, 0g)
otL08db	dmM	35290	0.030	0.634	0.058	0.000	220 (155r, 65n, 0g)
uva-xb	r	34354	0.030	0.610	0.058	0.000	228 (160r, 68n, 0g)
CTFrtSk	r	35498	0.029	0.638	0.056	0.000	226 (160r, 66n, 0g)
UrsinusPwrB	r	35471	0.029	0.657	0.055	0.000	181 (140r, 41n, 0g)
wat6fuse	br	25000	0.026	0.731	0.050	0.005	205 (154r, 50n, 1g)
RMITrp2	r	26974	0.025	0.664	0.048	0.000	173 (134r, 39n, 0g)
RMITrp1	r	27210	0.025	0.659	0.047	0.000	171 (132r, 39n, 0g)
wat2text	r	25000	0.023	0.714	0.045	0.018	189 (140r, 48n, 1g)
SabL08arbn	bdporm	20000	0.022	0.807	0.044	0.000	140 (117r, 23n, 0g)
SabL08ab1	bdporm	20000	0.022	0.773	0.043	0.000	145 (118r, 27n, 0g)
UIowa08LegA	bm	20000	0.022	0.714	0.043	0.000	155 (117r, 38n, 0g)
UIowa08LegE2	b	20000	0.020	0.748	0.039	0.000	123 (96r, 27n, 0g)
UIowa08LegE1	b	20000	0.020	0.748	0.039	0.000	123 (96r, 27n, 0g)
wat4fuse	br	14718	0.017	0.800	0.033	0.008	128 (103r, 24n, 1g)
SabL08ar2	rm	20000	0.014	0.633	0.028	0.000	100 (72r, 28n, 0g)
RMITbp2	b	18386	0.014	0.623	0.028	0.026	127 (80r, 46n, 1g)
UIowa08LegE0	r	20000	0.014	0.574	0.027	0.000	127 (83r, 44n, 0g)
RMITbp1	b	19046	0.014	0.611	0.027	0.026	124 (78r, 45n, 1g)
uva-xconst	r	16904	0.013	0.609	0.026	0.000	108 (75r, 33n, 0g)
UCEDLS1a	r	36953	0.013	0.283	0.025	0.013	141 (63r, 77n, 1g)
UrsinusBM25b	r	13817	0.011	0.690	0.022	0.000	78 (60r, 18n, 0g)
RMITbp3	b	17434	0.010	0.529	0.020	0.040	102 (55r, 45n, 2g)
wat1fuse	br	7843	0.009	0.832	0.017	0.000	64 (53r, 11n, 0g)
UrsinusPwrC	r	5077	0.003	0.596	0.006	0.000	20 (15r, 5n, 0g)
UrsinusPwrA	r	5077	0.003	0.596	0.006	0.000	20 (15r, 5n, 0g)
RMITrp3	r	4942	0.003	0.497	0.006	0.000	21 (15r, 6n, 0g)
UIowa08Leg3	bm	20000	0.003	0.107	0.005	0.024	50 (10r, 39n, 1g)
UrsinusBM25a	r	975	0.001	1.000	0.002	0.000	5 (5r, 0n, 0g)
wat5fuse	br	968	0.001	0.848	0.002	0.000	6 (5r, 1n, 0g)
UCEDLS1b	r	2916	0.001	0.142	0.001	0.000	9 (3r, 6n, 0g)
UrsinusVa	r	1006	0.000	0.198	0.000	0.000	2 (1r, 1n, 0g)
UIowa08LegE4	bm	1					0 (0r, 0n, 0g)

Table 10: Scores of Ad Hoc Runs for Topic 103, Post-Adjudication (786862.0 Est. Relevant Documents).

Run	Fields	K	Recall@K	Precision@K	F_1 @K	Gray@K	Num. Judged@K
wat7fuse	br	100000	0.084	0.045	0.059	0.000	386 (67r, 317n, 2g)
wat3nobool	brB	100000	0.083	0.043	0.057	0.000	265 (27r, 237n, 1g)
otL08fbe	bmBM	25111	0.030	0.066	0.041	0.000	260 (62r, 196n, 2g)
CTFgge10kBr0	bdprBM	100000	0.057	0.030	0.039	0.000	395 (65r, 329n, 1g)
otL08frw	brmBM	39147	0.030	0.046	0.036	0.000	266 (63r, 201n, 2g)
otL08fv	bmM	13251	0.016	0.070	0.025	0.000	133 (52r, 81n, 0g)
UIowa08Lega	bm	20000	0.016	0.052	0.024	0.000	175 (57r, 118n, 0g)
otL08rv	rmM	18921	0.016	0.045	0.024	0.000	177 (57r, 119n, 1g)
SabL08arbn	bdporm	20000	0.015	0.048	0.023	0.000	139 (46r, 92n, 1g)
SabL08ab1	bdporm	20000	0.016	0.042	0.023	0.000	156 (50r, 105n, 1g)
SabL08ar2	rm	20000	0.015	0.041	0.022	0.000	132 (41r, 90n, 0g)
otL08rvl	rmM	47973	0.016	0.021	0.018	0.000	260 (62r, 197n, 1g)
CTFgge4kBr0	bdprBM	40000	0.016	0.021	0.018	0.000	292 (60r, 231n, 1g)
CTFggeBkBr0	bdprBM	41011	0.016	0.021	0.018	0.000	292 (60r, 231n, 1g)
CTFggeBkBr1	bdprBM	41011	0.016	0.021	0.018	0.000	292 (60r, 231n, 1g)
otL08rvlq	rmM	48930	0.016	0.017	0.017	0.000	253 (62r, 191n, 0g)
CTFrtskBr0	rB	14344	0.002	0.012	0.004	0.000	203 (59r, 144n, 0g)
IowaSL0804b	bdprB	2680	0.002	0.385	0.004	0.000	130 (50r, 80n, 0g)
IowaSL0808m2	bdprB	2680	0.002	0.400	0.004	0.000	125 (50r, 75n, 0g)
IowaSL0808b	bdporB	2680	0.002	0.391	0.004	0.000	128 (50r, 78n, 0g)
wat8fuse	brv	2680	0.002	0.033	0.004	0.000	130 (52r, 78n, 0g)
IowaSL0808m3	bdporB	2680	0.002	0.400	0.004	0.000	125 (50r, 75n, 0g)
IowaSL0805b	bdprB	2680	0.002	0.413	0.004	0.000	121 (50r, 71n, 0g)
wat5fuse	br	1507	0.002	0.042	0.004	0.000	120 (50r, 70n, 0g)
CTFrtsk	r	14344	0.002	0.011	0.004	0.000	192 (58r, 134n, 0g)
CTFggeRkBr0	bdprBM	2680	0.002	0.097	0.004	0.000	138 (48r, 90n, 0g)
wat1fuse	br	11445	0.002	0.010	0.004	0.000	187 (57r, 130n, 0g)
wat4fuse	br	21384	0.002	0.007	0.003	0.000	223 (58r, 165n, 0g)
UIowa08LegE0	r	20000	0.002	0.009	0.003	0.000	164 (55r, 109n, 0g)
uva-xconst	r	16904	0.002	0.008	0.003	0.000	184 (55r, 128n, 1g)
wat6fuse	br	25000	0.002	0.006	0.003	0.000	233 (58r, 175n, 0g)
UMDCRP3	bdprBM	2680	0.002	0.086	0.003	0.002	131 (42r, 88n, 1g)
UMDCRC40	bdprBM	2680	0.002	0.086	0.003	0.002	131 (42r, 88n, 1g)
UMDAURCP3	bdprBM	2680	0.002	0.085	0.003	0.002	128 (41r, 86n, 1g)
UMDAURCC40	bdprBM	2680	0.002	0.085	0.003	0.002	128 (41r, 86n, 1g)
IowaSL0805	bdprB	2680	0.002	0.036	0.003	0.000	92 (42r, 50n, 0g)
wat2text	r	25000	0.002	0.005	0.003	0.000	215 (57r, 158n, 0g)
IowaSL0804	bdpr	2680	0.002	0.477	0.003	0.000	86 (41r, 45n, 0g)
CTFggeSkBr0	bdprBM	23124	0.002	0.005	0.003	0.000	254 (58r, 195n, 1g)
otL08fb	bvmBM	2680	0.002	0.083	0.003	0.002	128 (40r, 87n, 1g)
UrsinusBM25b	r	2311	0.002	0.050	0.003	0.000	72 (39r, 33n, 0g)
IowaSL08Ref	r	2680	0.002	0.091	0.003	0.000	71 (39r, 32n, 0g)
UMDSTD	rm	2680	0.001	0.032	0.003	0.000	63 (36r, 27n, 0g)
UCEDLS1a	r	3569	0.001	0.030	0.003	0.000	60 (34r, 26n, 0g)
RMITrp2	r	587	0.001	0.596	0.002	0.000	52 (31r, 21n, 0g)
uva-xb	r	1147	0.001	0.072	0.002	0.000	61 (30r, 31n, 0g)
RMITrp1	r	574	0.001	0.588	0.002	0.000	51 (30r, 21n, 0g)
uva-xk	r	1007	0.001	0.070	0.002	0.000	59 (29r, 30n, 0g)
RMITrp3	r	328	0.001	0.625	0.002	0.000	40 (25r, 15n, 0g)
UrsinusBM25a	r	100	0.001	0.714	0.002	0.000	28 (20r, 8n, 0g)
RMITbp1	b	1911	0.001	0.016	0.001	0.000	27 (12r, 15n, 0g)
RMITbp2	b	1872	0.001	0.011	0.001	0.000	27 (12r, 15n, 0g)
RMITbp3	b	2229	0.000	0.029	0.001	0.000	25 (11r, 14n, 0g)
UrsinusPwrA	r	82	0.000	0.636	0.001	0.000	11 (7r, 4n, 0g)
UrsinusPwrC	r	82	0.000	0.636	0.001	0.000	11 (7r, 4n, 0g)
UrsinusPwrB	r	82	0.000	0.636	0.001	0.000	11 (7r, 4n, 0g)
uvabase	r	110	0.000	0.250	0.000	0.000	16 (4r, 12n, 0g)
otL08db	dmM	16	0.000	0.571	0.000	0.000	7 (4r, 3n, 0g)
UIowa08LegE1	b	467	0.000	0.167	0.000	0.000	18 (3r, 15n, 0g)
UIowa08LegE2	b	467	0.000	0.167	0.000	0.000	18 (3r, 15n, 0g)
UIowa08Leg3	bm	20000	0.000	0.000	0.000	0.000	35 (1r, 34n, 0g)
UIowa08LegE4	bm	1	0.000	0.000	0.000	0.000	0 (0r, 0n, 0g)
UrsinusVa	r	127	0.000	0.000	0.000	0.000	0 (0r, 0n, 0g)
UCEDLS1b	r	231	0.000	0.000	0.000	0.000	0 (0r, 0n, 0g)

Table 11: Scores of Ad Hoc Runs for Topic 104, Pre-Adjudication (52006.6 Est. Relevant Documents).

Run	Fields	K	Recall@K	Precision@K	F ₁ @K	Gray@K	Num. Judged@K
wat7fuse	br	100000	0.096	0.045	0.061	0.000	386 (69r, 315n, 2g)
wat3nobool	brB	100000	0.094	0.043	0.059	0.000	265 (28r, 236n, 1g)
otL08fbe	bmBM	25111	0.034	0.067	0.045	0.000	260 (64r, 194n, 2g)
CTFgge10kBr0	bdprBM	100000	0.065	0.030	0.041	0.000	395 (67r, 327n, 1g)
otL08frw	brmBM	39147	0.034	0.046	0.039	0.000	266 (64r, 200n, 2g)
otL08fv	bmM	13251	0.018	0.070	0.028	0.000	133 (52r, 81n, 0g)
UIowa08Lega	bm	20000	0.018	0.052	0.027	0.000	175 (59r, 116n, 0g)
otL08rv	rmM	18921	0.018	0.045	0.026	0.000	177 (57r, 119n, 1g)
SabL08arbn	bdporm	20000	0.018	0.048	0.026	0.000	139 (46r, 92n, 1g)
SabL08ab1	bdporm	20000	0.018	0.042	0.025	0.000	156 (50r, 105n, 1g)
SabL08ar2	rm	20000	0.017	0.041	0.024	0.000	132 (41r, 90n, 0g)
otL08rvl	rmM	47973	0.018	0.021	0.020	0.000	260 (62r, 197n, 1g)
CTFgge4kBr0	bdprBM	40000	0.018	0.021	0.020	0.000	292 (61r, 230n, 1g)
CTFggeBkBr0	bdprBM	41011	0.018	0.021	0.020	0.000	292 (61r, 230n, 1g)
CTFggeBkBr1	bdprBM	41011	0.018	0.021	0.020	0.000	292 (61r, 230n, 1g)
otL08rvlq	rmM	48930	0.018	0.017	0.018	0.000	253 (63r, 190n, 0g)
IowaSL0808m3	bdporB	2680	0.002	0.408	0.004	0.000	125 (51r, 74n, 0g)
IowaSL0804b	bdprB	2680	0.002	0.392	0.004	0.000	130 (51r, 79n, 0g)
IowaSL0808b	bdporB	2680	0.002	0.398	0.004	0.000	128 (51r, 77n, 0g)
IowaSL0808m2	bdprB	2680	0.002	0.408	0.004	0.000	125 (51r, 74n, 0g)
CTFrtSkBr0	rB	14344	0.003	0.012	0.004	0.000	203 (60r, 143n, 0g)
wat8fuse	brv	2680	0.002	0.034	0.004	0.000	130 (53r, 77n, 0g)
IowaSL0805b	bdprB	2680	0.002	0.413	0.004	0.000	121 (50r, 71n, 0g)
CTFrtSk	r	14344	0.003	0.011	0.004	0.000	192 (59r, 133n, 0g)
CTFggeRkBr0	bdprBM	2680	0.002	0.099	0.004	0.000	138 (49r, 89n, 0g)
wat1fuse	br	11445	0.003	0.011	0.004	0.000	187 (58r, 129n, 0g)
wat5fuse	br	1507	0.002	0.042	0.004	0.000	120 (50r, 70n, 0g)
UIowa08LegE0	r	20000	0.002	0.010	0.004	0.000	164 (56r, 108n, 0g)
wat4fuse	br	21384	0.003	0.007	0.004	0.000	223 (59r, 164n, 0g)
UMDCRP3	bdprMB	2680	0.002	0.088	0.004	0.002	131 (43r, 87n, 1g)
UMDCRC40	bdprMB	2680	0.002	0.088	0.004	0.002	131 (43r, 87n, 1g)
uva-xconst	r	16904	0.002	0.008	0.004	0.000	184 (55r, 128n, 1g)
IowaSL0804	bdpr	2680	0.002	0.477	0.004	0.000	86 (41r, 45n, 0g)
wat6fuse	br	25000	0.003	0.006	0.004	0.000	233 (59r, 174n, 0g)
UMDAURCP3	bdprMB	2680	0.002	0.087	0.004	0.002	128 (42r, 85n, 1g)
UMDAURCC40	bdprMB	2680	0.002	0.087	0.004	0.002	128 (42r, 85n, 1g)
otL08fb	bvmBM	2680	0.002	0.085	0.004	0.002	128 (41r, 86n, 1g)
IowaSL0805	bdprB	2680	0.002	0.036	0.004	0.000	92 (42r, 50n, 0g)
wat2text	r	25000	0.003	0.005	0.003	0.000	215 (58r, 157n, 0g)
CTFggeSkBr0	bdprBM	23124	0.003	0.005	0.003	0.000	254 (59r, 194n, 1g)
IowaSL08Ref	r	2680	0.002	0.091	0.003	0.000	71 (39r, 32n, 0g)
UrsinusBM25b	r	2311	0.002	0.050	0.003	0.000	72 (39r, 33n, 0g)
UMDSTD	rm	2680	0.002	0.032	0.003	0.000	63 (36r, 27n, 0g)
UCEDLS1a	r	3569	0.002	0.030	0.003	0.000	60 (34r, 26n, 0g)
RMITrp2	r	587	0.001	0.596	0.003	0.000	52 (31r, 21n, 0g)
uva-xb	r	1147	0.001	0.072	0.003	0.000	61 (30r, 31n, 0g)
RMITrp1	r	574	0.001	0.588	0.003	0.000	51 (30r, 21n, 0g)
uva-xk	r	1007	0.001	0.070	0.003	0.000	59 (29r, 30n, 0g)
RMITrp3	r	328	0.001	0.625	0.002	0.000	40 (25r, 15n, 0g)
UrsinusBM25a	r	100	0.001	0.714	0.002	0.000	28 (20r, 8n, 0g)
RMITbp1	b	1911	0.001	0.016	0.001	0.000	27 (12r, 15n, 0g)
RMITbp2	b	1872	0.001	0.011	0.001	0.000	27 (12r, 15n, 0g)
RMITbp3	b	2229	0.001	0.029	0.001	0.000	25 (11r, 14n, 0g)
UrsinusPwrA	r	82	0.000	0.636	0.001	0.000	11 (7r, 4n, 0g)
UrsinusPwrC	r	82	0.000	0.636	0.001	0.000	11 (7r, 4n, 0g)
UrsinusPwrB	r	82	0.000	0.636	0.001	0.000	11 (7r, 4n, 0g)
UIowa08LegE1	b	467	0.000	0.167	0.000	0.000	18 (3r, 15n, 0g)
otL08db	dmM	16	0.000	0.571	0.000	0.000	7 (4r, 3n, 0g)
uvabase	r	110	0.000	0.250	0.000	0.000	16 (4r, 12n, 0g)
UIowa08LegE2	b	467	0.000	0.167	0.000	0.000	18 (3r, 15n, 0g)
UIowa08Leg3	bm	20000	0.000	0.000	0.000	0.000	35 (1r, 34n, 0g)
UIowa08LegE4	bm	1					0 (0r, 0n, 0g)
UrsinusVa	r	127					0 (0r, 0n, 0g)
UCEDLS1b	r	231					0 (0r, 0n, 0g)

Table 12: Scores of Ad Hoc Runs for Topic 104, Post-Adjudication (45613.5 Est. Relevant Documents).