Idx	Rerank	Run	Official CLEF 2016 Measures							New Measures to Evaluate Understandability in Retrieval																		
			RBP	P_{bl}	P_g	Res.	uRBP	P_{bl}	P_g	Res.	RBP_u	P_{bl}	P_g	Res.	H_{rbp}	P_{bl}	P_g	Res.	Unj	RBP^*_r	P_{bl}	P_g	RBP^*_u	P_{bl}	P_g	H^*_{rbp}	P_{bl}	P_g
1	No Rerank	GUIR [83] (Best Run)	**28.11**	-	-	7.65	**18.12**	-	-	7.19	**45.69**	-	-	8.86	**25.61**	-	-	6.50	0.01	**28.29**	-	-	**46.03**	-	-	**25.79**	-	-
2		ECNU [84] (2nd Best)	27.70	-	.946	7.37	17.55	-	.208	**7.34**	43.89	-	.012	8.66	25.35	-	.763	6.26	0.01	27.77	-	.635	44.18	-	.009	25.48	-	.660
3		Plain BM25 Baseline	25.28	-	.001	**8.24**	16.05	-	.000	6.94	42.08	-	.000	**10.97**	22.97	-	.000	**7.19**	**0.06**	26.01	-	.003	43.89	-	.005	23.93	-	.002
4	Dale-Chall Top 15	Based on GUIR	24.29	.000	.000	8.89	16.62	.001	.001	**7.27**	48.96	.000	.000	11.05	24.76	.193	.193	7.61	0.03	24.83	.000	.000	50.56	.000	.000	25.38	.521	.521
5		Based on ECNU	24.38	.000	.000	8.19	16.45	.042	.003	7.16	48.96	.000	.001	10.10	24.68	.376	.285	6.86	0.03	24.88	.000	.000	49.99	.000	.000	25.24	.743	.575
6		Based on BM25	23.22	.003	.000	8.78	15.85	.669	.001	6.94	47.09	.000	.032	11.83	24.01	.157	.146	7.42	0.07	24.04	.007	.000	48.60	.000	.001	24.82	.209	.342
7	Dale-Chall Top 20	Based on GUIR	21.86	.000	.000	10.04	15.15	.000	.000	7.05	48.54	.004	.004	13.13	22.94	.000	.000	8.68	0.06	23.23	.000	.000	51.78	.000	.000	24.44	.048	.048
8		Based on ECNU	22.61	.000	.000	9.24	15.41	.001	.000	6.94	48.45	.000	.007	12.31	23.43	.022	.012	8.06	0.05	23.62	.000	.000	50.86	.000	.000	24.58	.264	.177
9		Based on BM25	21.58	.000	.000	9.51	14.83	.020	.000	7.02	46.99	.000	.108	13.00	22.89	.849	.009	8.06	0.09	22.93	.000	.000	49.55	.000	.000	24.26	.769	.125
10	Dale-Chall Top 50	Based on GUIR	16.07	.000	.000	15.31	11.50	.000	.000	6.80	41.41	.001	.001	24.34	17.95	.000	.000	14.48	0.23	20.80	.000	.000	53.07	.000	.000	23.14	.011	.011
11		Based on ECNU	16.72	.000	.000	17.64	11.67	.000	.000	**7.27**	40.46	.005	.000	24.18	18.13	.000	.000	**15.87**	0.24	21.38	.000	.000	52.10	.000	.000	23.41	.036	.023
12		Based on BM25	15.06	.000	.000	15.35	10.55	.000	.000	6.62	40.03	.156	.000	23.88	16.55	.000	.000	13.83	0.24	19.42	.000	.000	51.69	.000	.000	21.59	.012	.000
13	XGB Top 15	Based on GUIR	**25.16**	.000	.000	8.09	**17.27**	.047	.047	7.12	**50.96**	.000	.000	10.11	**25.16**	.456	.456	6.89	0.02	**25.61**	.000	.000	52.00	.000	.000	**25.68**	.853	.853
14		Based on ECNU	24.18	.000	.000	7.69	16.54	.086	.009	7.09	50.00	.000	.000	9.91	24.56	0.224	.181	6.65	0.02	24.56	.000	.000	50.74	.000	.000	25.01	.435	.326
15		Based on BM25	22.79	.002	.000	7.94	15.64	.585	.000	6.84	47.88	.000	.006	11.65	23.10	0.835	.009	7.08	0.07	23.46	.001	.000	49.12	.000	.000	23.80	.912	.025
16	XGB Top 20	Based on GUIR	22.38	.000	.000	9.49	15.61	.000	.000	7.05	50.45	.000	.000	12.08	23.30	.001	.001	8.16	0.05	23.62	.000	.000	52.98	.000	.000	24.68	.068	.068
17		Based on ECNU	22.95	.000	.000	8.82	15.95	.010	.001	7.02	50.42	.000	.000	11.70	23.97	.081	.046	7.56	0.04	23.68	.000	.000	52.15	.000	.000	24.73	.317	.202
18		Based on BM25	20.77	.000	.000	9.26	14.51	.009	.000	6.76	47.85	.000	.019	13.24	22.04	.215	.000	8.24	0.08	22.10	.000	.000	50.28	.000	.000	23.32	.410	.010
19	XGB Top 50	Based on GUIR	16.65	.000	.000	15.73	12.39	.000	.000	6.84	43.49	.042	.042	23.63	18.70	.000	.000	13.74	0.22	21.13	.000	.000	**55.07**	.000	.000	23.58	.016	.016
20		Based on ECNU	16.19	.000	.000	17.01	11.82	.000	.000	**7.27**	43.05	.184	.009	**24.75**	18.27	.000	.000	14.41	0.24	20.16	.000	.000	54.70	.000	.000	22.96	.006	.003
21		Based on BM25	15.55	.000	.000	14.92	11.44	.000	.000	6.59	42.29	.791	.026	23.21	17.60	.000	.000	13.00	**0.25**	19.58	.000	.000	53.94	.000	.000	22.19	.043	.000
22	RRF (XGB & Orig.) Top 15	Based on GUIR	27.23	.027	.027	7.76	18.31	.560	.560	7.23	49.69	.000	.000	9.18	26.46	.021	.021	6.62	0.01	27.46	.035	.035	50.07	.000	.000	26.69	.013	.013
23		Based on ECNU	26.60	.014	.030	7.41	17.81	.277	.646	7.19	48.67	.000	.000	8.80	26.02	.099	.327	6.09	0.01	26.76	.024	.021	49.10	.000	.000	26.27	.050	.286
24		Based on BM25	24.64	.160	.000	8.13	16.50	.109	.004	6.98	46.57	.000	.103	11.02	24.14	.004	.080	7.11	0.06	25.39	.151	.000	48.25	.000	.002	25.04	.004	.434
25	RRF (XGB & Orig.) Top 20	Based on GUIR	26.21	.000	.000	7.96	17.73	.169	.169	7.19	50.29	.000	.000	9.58	25.89	.536	.536	6.73	0.03	26.53	.000	.000	50.98	.000	.000	26.25	.280	.280
26		Based on ECNU	26.15	.002	.004	7.64	17.69	.561	.412	7.09	49.70	.000	.000	9.28	26.07	.140	.345	6.39	0.02	26.38	.010	.004	50.32	.000	.000	26.35	.067	.265
27		Based on BM25	24.10	.029	.000	8.26	16.34	.328	.003	6.91	47.62	.000	.009	11.34	24.10	.017	.089	7.37	0.06	24.92	.031	.000	49.37	.000	.000	25.03	.017	.452
28	RRF (XGB & Orig.) Top 50	Based on GUIR	24.09	.000	.000	9.44	16.85	.003	.003	7.02	50.55	.000	.000	11.76	24.76	.122	.122	8.01	0.07	25.08	.000	.000	52.84	.000	.000	25.84	.974	.974
29		Based on ECNU	24.17	.000	.000	8.67	16.75	.160	.021	7.12	50.63	.000	.000	11.66	25.00	.614	.453	7.61	0.07	24.90	.000	.000	52.50	.000	.000	25.84	.624	.991
30		Based on BM25	22.32	.000	.000	8.82	15.51	.425	.000	6.73	48.78	.000	.001	12.84	23.14	.787	.008	7.78	0.10	23.45	.001	.000	51.85	.000	.000	24.53	.358	.127
31	XGB LeToR	LTR 1 on BM25	20.42	.000	.000	17.61	13.00	.000	.000	7.41	32.17	.000	.000	24.61	18.39	.000	.000	14.41	0.28	25.25	.200	.003	43.19	.214	.001	23.83	.685	.038
32		LTR 2 on BM25	25.16	.129	.000	19.95	15.85	.096	.000	8.09	34.31	.000	.000	24.95	21.69	.109	.000	17.43	0.28	30.60	.008	.370	45.37	.378	.147	27.57	.001	.062
33		LTR 3 on BM25	26.35	.115	.005	**20.48**	15.88	.023	.000	8.16	34.73	.000	.000	24.69	21.81	.075	.000	17.41	0.22	32.25	.006	.126	45.44	.728	.059	28.22	.000	.021
34		LTR 4 on BM25	16.16	.000	.000	19.48	10.76	.000	.000	**7.27**	**36.75**	.000	.000	**28.51**	16.77	.000	.000	**17.80**	**0.29**	22.20	.000	.000	**50.06**	.000	.042	23.32	.343	.031
35		LTR 5 on BM25	**26.76**	.196	.002	**20.48**	**16.19**	.067	.000	**8.34**	35.26	.000	.000	24.13	**22.96**	.559	.008	17.59	0.22	**32.60**	.003	.120	45.87	.375	.228	**29.20**	.000	.031