

Idx	Rerank	Run	Official CLEF 2015 Measures						New Measures to Evaluate Understandability in Retrieval																			
			<i>RBP</i>	<i>P<sub>bl</sub></i>	<i>P<sub>e</sub></i>	Res.	<i>uRBP</i>	<i>P<sub>bl</sub></i>	<i>P<sub>e</sub></i>	Res.	<i>RBP<sub>u</sub></i>	<i>P<sub>bl</sub></i>	<i>P<sub>e</sub></i>	Res.	<i>H<sub>rbp</sub></i>	<i>P<sub>bl</sub></i>	<i>P<sub>e</sub></i>	Res.	Unj	<i>RBP<sub>r</sub></i>	<i>P<sub>bl</sub></i>	<i>P<sub>e</sub></i>	<i>RBP<sub>u</sub></i>	<i>P<sub>bl</sub></i>	<i>P<sub>e</sub></i>	<i>H<sub>rbp</sub></i>	<i>P<sub>bl</sub></i>	<i>P<sub>e</sub></i>
1	No Rerank	ECNU (Best Run)	<b>51.57</b>	-	-	8.95	<b>50.51</b>	-	-	8.95	59.55	-	-	10.09	<b>46.22</b>	-	-	8.62	.00	<b>51.57</b>	-	-	59.55	-	-	<b>46.22</b>	-	-
2		KISTI (2nd Best)	36.72	-	.036	8.06	35.92	-	.035	7.32	64.50	-	.237	11.54	37.56	-	.028	7.89	<b>.03</b>	37.07	-	.049	65.31	-	.156	37.96	-	.037
3		Plain BM25 Baseline	31.20	-	.000	8.76	30.51	-	.000	7.65	<b>67.60</b>	-	.066	12.20	35.75	-	.009	8.76	<b>.03</b>	31.57	-	.000	<b>68.94</b>	-	0.021	36.42	-	.015
4	SMOG Top 15	Based on ECNU	38.16	.000	.000	20.09	37.36	.000	.000	8.95	55.11	.013	.013	22.14	37.59	.000	.000	18.98	.14	45.45	.005	.005	62.58	.161	.161	43.65	.167	.167
5		Based on KISTI	31.28	.005	.000	10.21	30.59	.005	.000	7.48	67.05	.260	.126	13.95	34.23	.132	.001	10.05	.05	33.12	.020	.000	69.10	.085	.037	36.02	.337	.008
6		Based on BM25	24.39	.001	.000	11.46	23.83	.001	.000	7.16	67.69	.962	.104	17.66	28.97	.000	.000	11.46	.10	26.28	.005	.000	72.82	.018	.001	31.53	.008	.001
7	SMOG Top 20	Based on ECNU	<b>34.88</b>	.000	.000	<b>25.96</b>	<b>34.13</b>	.000	.000	<b>8.95</b>	<b>54.15</b>	<b>.025</b>	<b>.025</b>	<b>27.91</b>	<b>35.34</b>	.000	.000	<b>25.02</b>	<b>.20</b>	<b>44.87</b>	<b>.004</b>	<b>.004</b>	<b>68.20</b>	<b>.005</b>	<b>.005</b>	<b>44.88</b>	<b>.519</b>	<b>.519</b>
8		Based on KISTI	28.01	.002	.000	11.05	27.39	.002	.000	7.32	66.61	.356	.170	15.44	30.93	.009	.000	10.82	.08	30.87	.015	.000	69.99	.031	.018	33.81	.074	.002
9		Based on BM25	22.83	.000	.000	13.48	22.31	.000	.000	7.32	63.61	.065	.546	22.44	26.52	.000	.000	13.48	.15	26.22	.005	.000	72.72	.018	.000	30.87	.008	.000
10	SMOG Top 50	Based on ECNU	21.83	.000	.000	36.63	21.34	.000	.000	8.95	41.71	.000	.000	46.89	23.65	.000	.000	36.63	.45	39.88	.000	.000	71.61	.001	.001	43.86	.278	.278
11		Based on KISTI	21.00	.000	.000	18.67	20.53	.000	.000	7.32	59.72	.076	.523	26.67	24.88	.000	.000	18.67	.23	27.20	.002	.000	72.47	.004	.004	31.90	.041	.000
12		Based on BM25	15.20	.000	.000	18.73	14.86	.000	.000	6.51	49.87	.000	.005	36.41	17.79	.000	.000	18.73	.32	21.22	.002	.000	73.17	.069	.001	25.78	.000	.000
13	XGB Top 15	Based on ECNU	<b>39.77</b>	.000	.000	<b>21.59</b>	<b>38.90</b>	.000	.000	<b>9.11</b>	<b>54.84</b>	<b>.021</b>	<b>.021</b>	<b>24.22</b>	<b>38.35</b>	.000	.000	<b>20.72</b>	<b>.15</b>	<b>47.00</b>	<b>.004</b>	<b>.004</b>	<b>64.28</b>	<b>.004</b>	<b>.004</b>	<b>43.22</b>	<b>.555</b>	<b>.555</b>
14		Based on KISTI	31.36	.017	.000	8.95	30.63	.016	.000	6.83	68.63	.065	.042	13.63	33.78	.055	.001	8.78	.05	32.80	.043	.001	70.87	.010	.010	35.24	.144	.005
15		Based on BM25	23.38	.001	.000	11.36	22.84	.001	.000	7.16	66.79	.700	.194	19.43	27.60	.000	.000	11.36	.10	26.35	.007	.000	73.48	.009	.001	31.35	.003	.000
16	XGB Top 20	Based on ECNU	34.91	.000	.000	27.19	34.12	.000	.000	9.11	52.69	.010	.010	30.19	34.89	.000	.000	25.95	.25	46.71	.003	.003	67.26	.001	.001	<b>45.81</b>	.705	.705
17		Based on KISTI	29.04	.017	.000	10.10	28.35	.017	.000	6.51	<b>69.10</b>	.073	.033	15.86	32.00	.022	.000	9.94	.07	31.82	.086	.000	73.19	.000	.001	34.84	.134	.004
18		Based on BM25	21.83	.001	.000	12.88	21.32	.001	.000	6.51	64.16	.167	.550	25.29	25.47	.000	.000	12.88	.16	26.56	.023	.000	76.26	.000	.000	31.45	.026	.001
19	XGB Top 50	Based on ECNU	<b>22.75</b>	.000	.000	<b>33.65</b>	<b>22.32</b>	.000	.000	<b>8.79</b>	<b>43.36</b>	.000	.000	<b>49.18</b>	<b>24.90</b>	.000	.000	<b>33.65</b>	<b>.45</b>	<b>40.69</b>	.000	.000	<b>74.39</b>	.000	.000	<b>44.65</b>	<b>.421</b>	<b>.421</b>
20		Based on KISTI	18.69	.001	.000	17.21	18.25	.001	.000	6.67	56.87	.032	.255	33.37	21.82	.000	.000	17.21	.29	27.69	.007	.000	76.44	.000	.000	44.65	.421	.066
21		Based on BM25	17.47	.004	.000	20.95	17.00	.004	.000	6.02	47.21	.000	.003	43.81	19.22	.000	.000	2.98	.41	27.09	.463	.000	<b>79.77</b>	.000	.000	31.35	.090	.001
22	RRF (XGB & Orig.) Top 15	Based on ECNU	<b>47.81</b>	.002	.002	12.85	<b>46.78</b>	.001	.001	8.95	60.04	.746	.746	15.04	<b>44.69</b>	.198	.198	12.34	.10	<b>50.09</b>	.157	.157	62.98	.001	.001	46.85	.539	.53
23		Based on KISTI	33.78	.033	.002	7.71	33.02	.032	.002	6.83	68.57	.006	.023	12.02	35.72	.096	.005	7.55	.03	34.34	.038	.004	69.67	.002	.011	36.26	.105	.010
24		Based on BM25	26.85	.000	.000	12.13	26.23	.000	.000	7.48	66.64	.464	.166	15.98	31.52	.000	.000	12.13	.07	28.35	.004	.000	70.65	.144	.005	33.70	.007	.002
25	RRF (XGB & Orig.) Top 20	Based on ECNU	<b>46.49</b>	.000	.000	<b>15.16</b>	<b>45.48</b>	.000	.000	<b>9.11</b>	<b>59.95</b>	<b>.981</b>	<b>.981</b>	<b>17.12</b>	<b>43.69</b>	<b>.074</b>	<b>.074</b>	<b>14.54</b>	<b>.12</b>	<b>49.95</b>	<b>.153</b>	<b>.153</b>	<b>64.30</b>	.000	.000	<b>47.01</b>	<b>.543</b>	<b>.543</b>
26		Based on KISTI	32.72	.011	.000	8.45	31.97	.011	.000	7.00	69.06	.007	.020	12.77	35.14	.070	.003	8.28	.04	33.83	.028	.002	70.83	.001	.005	36.29	.173	.011
27		Based on BM25	25.64	.000	.000	12.51	25.05	.000	.000	7.16	66.55	.434	.174	17.31	30.14	.000	.000	12.51	.09	27.64	.002	.000	71.79	.017	.002	32.96	.011	.002
28	RRF (XGB & Orig.) Top 50	Based on ECNU	38.97	.000	.000	21.40	38.08	.000	.000	8.79	57.57	.272	.272	25.44	39.54	.002	.002	19.83	<b>.24</b>	47.00	.010	.010	67.95	.000	.000	<b>47.12</b>	.715	.715
29		Based on KISTI	27.78	.001	.000	11.24	27.13	.001	.000	6.83	67.83	.188	.089	16.75	31.07	.006	.000	11.24	.09	31.33	.007	.000	<b>73.06</b>	.000	.001	34.85	.089	.003
30		Based on BM25	19.28	.000	.000	17.11	18.86	.000	.000	7.00	57.40	.001	.169	27.02	22.78	.000	.000	17.11	.19	25.06	.000	.000	71.56	.181	.008	30.26	.003	.000
31	XGB LeToR	LTR 1 on BM25	24.86	.003	.000	17.39	24.32	.003	.000	7.81	55.60	.000	.048	24.11	28.89	.002	.000	17.39	.22	29.67	.247	.000	<b>66.41</b>	.332	.155	34.76	.316	.001
32		LTR 2 on BM25	<b>30.72</b>	.880	.000	21.25	<b>30.08</b>	.868	.000	8.46	48.87	.000	.000	28.82	<b>31.76</b>	.096	.000	18.99	.26	37.09	.065	.000	61.89	.004	.824	<b>39.17</b>	.265	.023
33		LTR 3 on BM25	28.92	.186	.000	24.35	28.32	.190	.000	8.46	49.02	.000	.000	32.11	30.14	.033	.000	23.83	.31	<b>37.32</b>	.199	.000	63.86	.015	.576	39.84	.234	.039
34		LTR 4 on BM25	25.65	.004	.000	25.72	25.09	.004	.000	8.30	49.00	.000	.001	33.39	27.45	.000	.000	24.40	<b>.33</b>	35.82	.190	.000	66.14	.313	.163	38.21	.577	.011
35		LTR 5 on BM25	30.21	.554	.000	20.79	29.59	.567	.000	8.62	48.47	.000	.000	27.88	30.95	.039	.000	19.99	.25	37.11	.055	.000	61.25	.006	.888	39.15	.169	.040