

Corrections to Table 1

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1 REVISED VERSION OF TABLE 1

We noticed inaccuracies in the underlined annotations of Table 1 in the existing version, with some instances of incorrect or missing

underlining. Table 1 presents the corrected version. I apologize for any inconvenience this might have caused and appreciate your understanding.

Table 1: Document ranking performance averaged across participants, with our method (*Brain-Aug* & *Brain+Unsup*) marked by a ★. Best results are in boldface, and the second-best results are underlined. */† indicates Brain-Aug / Brain+Unsup significantly outperforms the baseline ($p \leq 0.05$, paired t-test), respectively.

Dataset	Query	BM25				RepLLaMA			
		N@10	N@20	R@20	MAP	N@10	N@20	R@20	MAP
Pereira's	original	0.643 ^{*,†}	0.664 ^{*,†}	0.888 ^{*,†}	0.594 ^{*,†}	0.878	0.881 ^{*,†}	0.964 ^{*,†}	<u>0.858</u>
	Unsup-Aug	0.646 ^{*,†}	0.655 ^{*,†}	0.924 ^{*,†}	0.590 ^{*,†}	0.872 ^{*,†}	0.877 ^{*,†}	0.951 ^{*,†}	0.855
	Brain-Aug★	<u>0.671</u>	0.691	0.941	0.618	0.883	0.887	0.980	0.859
	Unsup+Brain-Aug★	0.673	<u>0.686</u>	<u>0.936</u>	<u>0.615</u>	<u>0.878</u>	<u>0.882</u>	<u>0.975</u>	0.853
Huth's	original	0.297 ^{*,†}	0.326 ^{*,†}	0.536 ^{*,†}	0.264 ^{*,†}	0.299 ^{*,†}	0.328 ^{*,†}	0.520 ^{*,†}	0.275 ^{*,†}
	Unsup-Aug	0.291 ^{*,†}	0.320 ^{*,†}	<u>0.575</u> [†]	0.259 ^{*,†}	0.302 ^{*,†}	0.333 ^{*,†}	0.537 ^{*,†}	0.276 ^{*,†}
	Brain-Aug★	<u>0.306</u>	<u>0.340</u>	0.569 [†]	0.273	0.310	0.342	<u>0.550</u>	0.281
	Unsup+Brain-Aug★	0.309	0.342	0.580	<u>0.269</u>	<u>0.308</u>	<u>0.340</u>	0.552	<u>0.279</u>
Narratives	original	0.419 ^{*,†}	0.434 ^{*,†}	0.629 ^{*,†}	0.355 ^{*,†}	0.413 ^{*,†}	0.426 ^{*,†}	0.611 ^{*,†}	0.351 ^{*,†}
	Unsup-Aug	0.440	0.452 [†]	<u>0.670</u> [†]	0.367 ^{*,†}	0.416 ^{*,†}	0.431 ^{*,†}	0.629 ^{*,†}	0.356 ^{*,†}
	Brain-Aug★	<u>0.441</u>	<u>0.458</u>	0.669	0.382	<u>0.430</u>	0.446	<u>0.641</u>	0.382
	Unsup+Brain-Aug★	0.445	0.462	0.678	0.382	0.432	0.446	0.642	<u>0.380</u>