

A Appendix A

Table 6: Segment-level Kendall’s Tau (τ) correlations on language pairs not involving English for the WMT19 Metrics DARR corpus. COMET-RANK (base) scores are to be replaced with results of the large model.

	de-cs	de-fr	fr-de	
N° Tuples	23194	4862	1369	avg.
BLEU	0.222	0.226	0.173	0.207
CHRF	0.341	0.287	0.274	0.301
BERTSCORE (F1)	0.356	0.330	0.277	0.321
PRISM	0.452	0.443	0.421	0.439
COMET-MQM (large)	0.413	0.422	0.327	0.387
COMET-HTER (large)	0.425	0.449	0.381	0.418
COMET-DA (large)	0.471	0.469	0.420	0.453
COMET-RANK (base)	0.389	0.444	0.331	0.388

Table 7: System-level Pearson correlation (r) for the from-English language pairs from WMT19 DA corpus. DARR Ranker (base) scores are to be replaced with results of the large model.

	en-cs	en-de	en-fi	en-gu	en-kk	en-lt	en-ru	en-zh	
N° Systems	11	22	12	11	10	12	12	12	avg.
BLEU	0.988	0.952	0.978	0.780	0.864	0.979	0.973	0.762	0.910
CHRF	0.986	0.983	0.988	0.839	0.969	0.964	0.979	0.822	0.941
BERTSCORE (F1)	0.983	0.990	0.969	0.907	0.983	0.972	0.989	0.927	0.965
PRISM	0.964	0.987	0.947	-	0.978	0.929	0.914	0.900	0.946
COMET-MQM (large)	0.943	0.968	0.949	0.946	0.979	0.985	0.966	0.958	0.962
COMET-HTER (large)	0.948	0.991	0.959	0.948	0.965	0.982	0.973	0.943	0.964
COMET-DA (large)	0.964	0.995	0.969	0.964	0.989	0.982	0.987	0.969	0.977
COMET-RANK (base)	0.943	0.937	0.914	0.817	0.963	0.973	0.861	0.942	0.919

Table 8: System-level Pearson correlation (r) for the into-English language pairs from WMT19 DA corpus. DARR Ranker (base) scores are to be replaced with results of the large model.

	de-en	fi-en	gu-en	kk-en	lt-en	ru-en	zh-en	
N° Systems	16	11	9	7	11	13	15	avg.
BLEU	0.879	0.984	0.975	0.959	0.969	0.840	0.895	0.929
CHRF	0.916	0.988	0.967	0.982	0.938	0.942	0.952	0.955
BERTSCORE (F1)	0.949	0.984	0.990	0.995	0.961	0.901	0.982	0.966
BLEURT (large-512)	0.939	0.984	0.989	0.989	0.992	0.980	0.994	0.981
PRISM	0.954	0.981	0.992	0.992	0.994	0.905	0.992	0.973
COMET-MQM (large)	0.926	0.974	0.972	0.971	0.986	0.889	0.959	0.954
COMET-HTER (large)	0.918	0.953	0.958	0.951	0.983	0.924	0.978	0.952
COMET-DA (large)	0.946	0.983	0.993	0.996	0.993	0.970	0.993	0.982
COMET-RANK (base)	0.922	0.981	0.963	0.932	0.987	0.674	0.967	0.918

Table 9: System-level Pearson correlation (r) for language pairs not involving English from WMT19 DA corpus.

N° Systems	de-cs	de-fr	fr-de	avg.
	9	11	10	
BLEU	0.936	0.934	0.869	0.913
CHRF	0.994	0.933	0.908	0.945
BERTSCORE (F1)	0.988	0.953	0.942	0.961
PRISM	0.988	0.924	0.922	0.945
COMET-MQM (large)	0.936	0.950	0.885	0.924
COMET-HTER (large)	0.951	0.901	0.924	0.925
COMET-DA (large)	0.973	0.972	0.954	0.966
COMET-RANK (base)	0.819	0.941	0.927	0.896

Table 10: Document-level Pearson correlation (r) for micro average and macro average for English-to-German and English-to-Czech.

	en-cs		en-de	
	Micro-avg.	Macro-avg.	Micro-avg.	Macro-avg.
COMET-DA (large)	0.667	0.660	0.528	0.529
COMET-MQM (large)	0.638	0.639	0.516	0.519
COMET-HTER (large)	0.655	0.650	0.558	0.552
	0.653	0.649	0.534	0.533