## WMT19 Pearson Correlation Improvement Relative to BLEU

	, a¥	1 (4)	10E 2	gP 2	gP	gP ?	ogP	Agr nicro 1gf A	gP	gP 59
	macro_lgf	micro_lgf1	acro 18	icro Isr	lacro Is	nicro_18	nacro 18	micro 18th	lacro Is	iicro 18
Total		0.521	0.341	0.438	0.317	0.36	0.297	0.288	0.284	0.219
Mean		0.031	0.02	0.026	0.019	0.021	0.017	0.017	0.017	0.013
SD		0.038	0.034	0.034	0.034	0.036	0.034	0.04	0.035	0.044
wmt19 de-cs	0.103	0.088	0.105	0.095	0.105	0.096	0.106	0.097	0.107	0.098
wmt19 de-en	0.038	0.03	0.034	0.028	0.032	0.025	0.03	0.022	0.03	0.019
wmt19 de-fr	0.012	0.016	0.013	0.018	0.013	0.017	0.013	0.012	0.013	0.006
wmt19 en-cs	-0.01	-0.006	-0.007	-0.007	-0.006	-0.008	-0.005	-0.009	-0.005	-0.011
wmt19 en-de	-0.003	0.017	-0.009	0.007	-0.012	-0.004	-0.015	-0.013	-0.017	-0.021
wmt19 en-fi	0.003	0.007	0.005	0.01	0.006	0.011	0.007	0.011	0.008	0.011
wmt19 en-gu	0	0.064	-0.011	0.068	-0.02	0.058	-0.027	0.05	-0.032	0.044
wmt19 en-kk	0.08	0.106	0.072	0.101	0.068	0.098	0.065	0.096	0.064	0.094
wmt19 en-lt	-0.008	-0.004	-0.006	-0.002	-0.005	0	-0.005	0	-0.005	0
wmt19 en-ru	0.015	0.021	0.011	0.013	0.01	0.006	0.009	0	0.008	-0.004
wmt19 fi-en	-0.033	0.002	-0.021	-0.002	-0.017	-0.006	-0.016	-0.01	-0.016	-0.014
wmt19 fr-de	-0.007	-0.031	-0.003	-0.01	-0.002	0.006	-0.002	0.016	-0.001	0.022
wmt19 gu-en	0.052	0.078	0.049	0.021	0.046	-0.006	0.044	-0.022	0.043	-0.033
wmt19 kk-en	0.03	0.029	0.037	0.049	0.04	0.051	0.042	0.049	0.043	0.046
wmt19 lt-en	0	0	0.005	0.012	0.007	0.015	0.008	0.017	0.008	0.017
wmt19 ru-en	0.06	0.06	0.055	0.043	0.051	0.037	0.049	0.033	0.048	0.031
wmt19 zh-en	0.029	0.044	0.012	-0.006	0.001	-0.036	-0.006	-0.061	-0.012	-0.086

Translation Task

Metrics