



CSAIL



RESULTS

RESULTS ON MUSIC DATA SET

			EN-ES		EN-FR		EN-DE		EN-IT		EN-RU	
			\rightarrow	\leftarrow	\rightarrow	\leftarrow	\rightarrow	\leftarrow	\rightarrow	\leftarrow	\rightarrow	\leftarrow
PROCRUSTES	5K words	3	77.6	77.2	74.9	75.9	68.4	67.7	73.9	73.8	47.2	58.2
PROCRUSTES + CSLS	5K words	3	81.2	82.3	81.2	82.2	73.6	71.9	76.3	75.5	51.7	63.7
(Conneau et al., 2018)	None	957	81.7	83.3	82.3	82.1	74.0	72.2	77.4	76.1	52.4	61.4
G-W ($\lambda = 10^{-4}$)	None	70	78.3	79.5	79.3	78.3	69.6	66.9	75.3	74.1	26.1	35.4
G-W ($\lambda = 10^{-5}$)	None	37	81.7	80.4	81.3	78.9	71.9	72.8	78.9	75.2	45.1	43.7



Accuracy@1



Entropy regularization (chosen via unsup. Objective)



RESULTS ON MUSE DATASET

			EN-ES		EN-FR		EN-DE		EN-IT		EN-RU	
Supervision			→	←	→	←	→	←	→	←	→	←
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RESULTS ON DATASET OF DINU ET AL.