

	K	Perplexity	RIBES	BLEU	Time/epoch (min.)
Proposed model	500	19.6	71.8	20.0	55
Proposed model	2000	21.0	72.6	20.5	70
Proposed model (Softmax)	—	17.9	73.2	21.8	180
ANMT	500	21.6	70.7	18.5	45
+ reverse input	500	22.6	69.8	17.7	45
ANMT	2000	23.1	71.5	19.4	60
+ reverse input	2000	26.1	69.5	17.5	60