

	Use BPE	Vocabulary size	BLEU
(a)	No	2000	8.1
(b)	Yes	2000	40.0
(c)	Yes	3000	40.7

The BLEU score of the word level (vocabulary size: 2000) is only 8.1, which is quite low, and the translation quality is quite bad with a lot of unknown within. When BPE is used, for the same vocabulary, the score is significantly improved to 40.0, and the translation quality is also improved. When the vocabulary size is set to 3000 and BPE is still used, the score is not improved much, but the translation is improved more to match the gold standard.