

System	ja $\rightarrow$ ch	ch $\rightarrow$ ja	ja $\rightarrow$ en	en $\rightarrow$ ja
Baseline SMT	3.5	3.7	3.1	3.2
Baseline NMT	4.2	4.3	3.9	4.1
NMT with PosUnk model	4.3	4.3	4.0	4.2
NMT with phrase translation by SMT (phrase pairs selected with branching entropy)	<b>4.5</b>	<b>4.6</b>	<b>4.1</b>	<b>4.4</b>