

Hyperparameter	NMT	SPF	Ours
Batch Size	128	100	128
Hidden Layer Size	512	600	512
Encoder Layer	2	2	2
Decoder Layer	2	1	2
Optimizer	ADAM	ADAM	ADAM
Learning Rate	0.001	0.001	0.001
Bidirectional Encoder	Used	Used	Used
Encoder Dropout Rate	0.2	0.4	0.2
Decoder Dropout Rate	0.2	0.5	0.2
Beam Search Size	-	5	-