

Hyperparameters	MNLI	QNLI	QQP	SST-2	MIND
full model learning rate	1e-5	2e-5	1e-5	2e-5	2e-6
prompt model learning rate	1e-4	2e-4	1e-4	2e-4	1e-4
optimizer	Adam	Adam	Adam	Adam	Adam
prompt prefix length	16	16	16	16	16
prompt encoder hidden size	64	64	64	64	64
epoch	20	20	20	20	3

Extended Data Table 3. The hyperparameter settings on different datasets.