Model	data	bsz	steps	SQuAD (v1.1/2.0)	MNLI-m	SST-2
RoBERTa						
with BOOKS + WIKI	16GB	8K	100K	93.6/87.3	89.0	95.3
+ additional data (§3.2)	160GB	8K	100K	94.0/87.7	89.3	95.6
+ pretrain longer	160GB	8K	300K	94.4/88.7	90.0	96.1
+ pretrain even longer	160GB	8K	500K	94.6/89.4	90.2	96.4
BERT _{LARGE}						
with BOOKS + WIKI	13GB	256	1 M	90.9/81.8	86.6	93.7
$XLNet_{LARGE}$						
with BOOKS + WIKI	13GB	256	1 M	94.0/87.8	88.4	94.4
+ additional data	126GB	2K	500K	94.5/88.8	89.8	95.6
evelopment set results for RoE $(100\text{K} \rightarrow 300\text{K} \rightarrow 500\text{K})$ stepne architecture and training obtal. (2019) and Yang et al. (201)	s). Each ro ejective of l	ow accu BERT _L	mulates i	improvements sults for BER	from the row Γ_{LARGE} and XI	s above. LNet _{LARO}