

Model	#Layers	Cell	Beam	CIDEr	#Param	FLOPs	Latency
Single LSTM	1	LSTM	2	91.0	2.1M	4.2M	21ms
Stacked LSTMs	2	LSTM	2	92.1	4.2M	8.4M	29ms
Stacked LSTMs	3	LSTM	2	92.8	6.3M	12.6M	36ms
<b>Ours: accurate</b>	1	H-LSTM	2	95.4	394K	670K	24ms
<b>Ours: fast</b>	1	H-LSTM	1	93.0	394K	670K	8ms
<b>Ours: compact</b>	1	H-LSTM	2	93.3	163K	277K	24ms