Cell	#Layers	Width	#Param	CIDEr	Latency	CIDEr	Latency
				Beam=2		Beam=1	
LSTM	1	512	2.1M	91.0	21ms	86.5	$7\mathrm{ms}$
H-LSTM	1	512	3.1M	95.4	$24 \mathrm{ms}$	93.0	$8 \mathrm{ms}$
H-LSTM	1	320	1.5M	92.2	18ms	88.1	5ms