

Models	BLEU-4	METEOR	ROUGE-L	CIDEr
Top-3 Results from MSR-VTT Challenge 2017				
v2t_navigator	40.8	28.2	60.9	44.8
Aalto	39.8	26.9	59.8	45.7
VideoLAB	39.1	27.7	60.6	44.1
State Of The Arts				
CIDEnt-RL	40.5	28.4	61.4	51.7
Dense-Cap	41.4	28.3	61.1	48.9
HRL	41.3	28.7	61.7	48.0
Our Models				
ATT(v)	39.6	27.4	59.7	45.8
CM-ATT(va)	41.7	28.6	61.2	48.2
CM-ATT(vad)	41.9	29.1	61.5	48.0
HACA(w/o align)	42.8	29.0	61.8	48.9
HACA	43.4	29.5	61.8	49.7