

Model	B@1	B@2	B@3	B@4	METEOR	CIDEr
S2VT(V)	-	-	-	-	29.2	-
S2VT(V+O)	-	-	-	-	29.8	-
HRNE(G)	78.4	66.1	55.1	43.6	32.1	-
HRNE-SA (G)	79.2	66.3	55.1	43.8	33.1	-
LSTM-E(V)	74.9	60.9	50.6	40.2	29.5	-
LSTM-E(C)	75.7	62.3	52.0	41.7	29.9	-
LSTM-E(V+C)	78.8	66.0	55.4	45.3	31.0	-
p-RNN(V)	77.3	64.5	54.6	44.3	31.1	62.1
p-RNN(C)	79.7	67.9	57.9	47.4	30.3	53.6
p-RNN(V+C)	81.5	70.4	60.4	49.9	32.6	65.8
hLSTMt (R)	82.5	71.9	62.0	52.1	33.3	73.5
hLSTMt (R)	82.9	72.2	63.0	53.0	33.6	73.8