

Model	Recall@K			NDCG	
	K=1	K=5	K=10	ROUGE-L	SPICE
<i>1K Test Set</i>					
VSE0 [1]	43.7	79.4	89.7	0.702	0.616
VSE++ [1]	52.0	84.3	92.0	0.712	0.617
VSRN [7]	60.8	88.4	94.1	0.723	0.620
TERN (Ours)	51.9	85.6	93.6	0.725	0.653
<i>5K Test Set</i>					
VSE0 [1]	22.0	50.2	64.2	0.633	0.549
VSE++ [1]	30.3	59.4	72.4	0.656	0.577
VSRN [7]	37.9	68.5	79.4	0.676	0.596
TERN (Ours)	28.7	59.7	72.7	0.6645	0.600

TABLE I
 IMAGE RETRIEVAL RESULTS ON THE MS-COCO DATASET, ON 1K AND 5K TEST SETS, FOR BOTH THE RECALL@K AND THE INTRODUCED NDCG METRICS.