Vocabulary	Image to sentence				Sentence to image			
	R@1	R@5	R@10	Median rank	R@1	R@5	R@10	Median rank
ImageNet 1k	2.5	6.7	9.7	714	1.6	5.0	8.5	315
LEVAN	0.0	0.4	1.2	1348	0.2	1.1	1.7	443
NEIL	0.1	0.7	1.1	1103	0.2	0.9	2.0	446
LEVAN (trained on Flickr 8k)	1.2	5.7	9.5	360	2.6	9.1	14.7	113
NEIL (trained on Flickr 8k)	1.4	5.7	8.9	278	3.7	11.3	18.3	92
Flickr 8k Concepts (ours)	**10.4**	**29.3**	**40.0**	**17**	**9.8**	**27.5**	**39.0**	**17**