	PredCls		SGCls	
	R@50	R@100	R@50	R@100
Region model	51.50	51.50	N/A	N/A
Dual Graph	60.91	72.57	34.60	41.89
IK (Ours)	71.33	81.85	43.50	50.50
SK (Ours)	71.02	80.80	41.19	48.68
R_e (Ours)	66.27	76.81	39.18	46.50
R_{p*e} (Ours)	62.53	73.70	36.10	42.44
$SK-R_e$ (Ours)	69.19	79.35	41.89	48.82