Model	mAP (%)				Recall@1 (%)		Video One Recall@1 (%)		Video All Recall@1 (%)	
	Phr (ko)	Phr (def)	Rel (ko)	Rel (def)	Phr	Rel	Phr	Rel	Phr	Rel
Baseline(add)	40.59	0.45	6.95	0.11	75.98	19.00	90.30	33.22	60.36	7.07
Baseline(cat)	41.86	0.35	11.34	0.11	75.93	19.91	88.49	35.53	61.68	5.92
(cat)+Spa	50.79	1.02	16.23	**0.47**	79.52	24.24	87.01	38.49	69.74	9.67
(cat)+Spa+Hum	55.60	0.89	15.91	0.29	81.35	22.99	91.61	38.82	70.56	9.55
(cat)+Spa+Hum+Tem	54.42	**1.24**	16.94	0.30	81.00	25.61	91.12	39.14	69.74	12.68
(cat)+Spa+Hum+Tem+Con	**55.90**	0.90	**18.56**	0.26	**84.08**	**30.12**	**91.94**	**44.90**	**75.33**	**15.95**