

Method	MAP	MRR
ECNU	10.64	11.09
FuRongWang	13.23	14.27
EICA	13.48	16.04
KeLP	14.35	16.07
bunji	14.71	16.48
IIT-UHH	15.46	18.14
Ours (single)	14.67	18.45
Ours (multi)	14.92	19.07
Ours (single+adversarial)	17.38	19.53
Ours (multi+adversarial)	<b>17.79</b>	<b>19.73</b>