Dataset	QK-Video						QK-Article					
Metrics	NDCG@5	HR@5	NDCG@10	HR@10	NDCG@20	HR@20	NDCG@5	HR@5	NDCG@10	HR@10	NDCG@20	HR@20
SASRec	0.0077	0.0131	0.0111	0.0236	0.0154	0.0408	0.0202	0.0332	0.0285	0.0592	0.0388	0.1001
ICLRec	0.0081	0.0131	0.0110	0.0223	0.0154	0.0396	0.0223	0.0362	0.0303	0.0615	0.0399	0.0995
DuoRec	0.0069	0.0115	0.0101	0.0214	0.0147	0.0348	<u>0.0320</u>	<u>0.0505</u>	<u>0.0418</u>	<u>0.0812</u>	<u>0.0536</u>	<u>0.1282</u>
MGNN-SPred	0.0080	0.0134	0.0115	0.0243	0.0162	0.0429	0.0241	0.0384	0.0326	0.0650	0.0438	0.1094
MGNN-SPred†	0.0080	0.0132	0.0112	0.0233	0.0154	0.0399	0.0239	0.0384	0.0322	0.0646	0.0427	0.1063
MBHT	<u>0.0087</u>	<u>0.0137</u>	<u>0.0119</u>	0.0236	<u>0.0165</u>	0.0419	0.0284	0.0463	0.0384	0.0774	0.0506	0.1258
MB-STR	0.0082	<u>0.0137</u>	0.0112	0.0230	0.0153	0.0392	0.0169	0.0278	0.0240	0.0503	0.0334	0.0874
NextIP	0.0083	0.0135	<u>0.0119</u>	<u>0.0247</u>	<u>0.0165</u>	<u>0.0430</u>	0.0249	0.0406	0.0335	0.0677	0.0445	0.1115
DyMuS	0.0035	0.0058	0.0054	0.0115	0.0075	0.0202	0.0166	0.0272	0.0239	0.0501	0.0326	0.0848
DyMuS$^+$	0.0025	0.0041	0.0040	0.0089	0.0061	0.0172	0.0212	0.0343	0.0298	0.0611	0.0399	0.1015
EIDP	**0.0136***	**0.0208***	**0.0179***	**0.0343***	**0.0237***	**0.0575***	**0.0329***	**0.0515***	**0.0441***	**0.0865***	**0.0565***	**0.1359***
Improve.	56.32%	51.82%	50.42%	38.87%	43.64%	33.72%	2.81%	1.98%	5.50%	6.53%	5.41%	6.01%

Table 1: Performance comparison of two groups of baselines and our EIDP on two datasets. The best results are marked in bold, and the second best results are underlined. Note that superscript $*$ indicates a significance level of $p \leq 0.05$ based on paired samples t-test between the best baseline and our EIDP.