

Table 5: The relevance ranking performance of CWM and other baselines in KuaiRand, WeChat and Product.

Dataset		KuaiRand		WeChat		Product	
Backbone	Method	AUC	nDCG@3	AUC	nDCG@3	AUC	nDCG@3
FM	Oracle	0.738	0.489	0.711	0.588	0.669	0.589
	VR	0.661	0.442	0.639	0.520	0.605	<u>0.556</u>
	PCR	0.686	0.469	0.651	0.540	0.593	0.472
	D2Q	0.679	0.464	0.645	0.540	0.623	0.513
	WTG	0.684	0.462	0.602	0.528	0.624	0.523
	NDT	0.668	0.461	0.629	0.510	<u>0.640</u>	0.553
	D2Co	0.688	0.464	0.573	0.527	0.629	0.531
	VLDRec	0.689	0.463	0.655	0.540	0.633	0.543
	DCR	<u>0.695</u>	<u>0.469</u>	0.659	0.542	0.639	0.540
	CVRDD	0.682	0.462	<u>0.662</u>	<u>0.545</u>	0.629	0.535
DCN	CWM(Ours)	0.735[†]	0.486[†]	0.703[†]	0.581[†]	0.660[†]	0.582[†]
	Oracle	0.745	0.497	0.712	0.589	0.678	0.595
	VR	0.665	0.448	0.641	0.517	0.608	<u>0.564</u>
	PCR	0.693	0.469	0.699	<u>0.581</u>	0.593	0.475
	D2Q	0.684	0.466	0.696	0.577	0.625	0.516
	WTG	0.718	0.471	<u>0.703</u>	0.576	0.626	0.533
	NDT	0.679	0.464	0.672	0.527	<u>0.649</u>	0.563
	D2Co	<u>0.730</u>	<u>0.480</u>	0.702	0.570	0.636	0.540
	VLDRec	0.701	0.468	0.679	0.547	0.647	0.543
	DCR	0.716	0.480	0.681	0.559	0.649	0.554
AutoInt	CVRDD	0.684	0.473	0.687	0.556	0.630	0.535
	CWM(Ours)	0.735	0.484	0.707	0.584	0.663[†]	0.591[†]
	Oracle	0.737	0.490	0.714	0.590	0.672	0.591
	VR	0.655	0.444	0.637	0.519	0.610	0.558
	PCR	0.691	0.469	0.652	0.542	0.593	0.479
	D2Q	0.679	0.466	0.642	0.540	0.629	0.514
	WTG	0.692	0.466	0.603	0.534	0.631	0.527
	NDT	0.669	0.459	0.636	0.512	<u>0.644</u>	<u>0.559</u>
	D2Co	0.688	0.464	0.575	0.532	0.634	0.533
	VLDRec	0.698	0.472	0.661	0.546	0.638	0.550

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