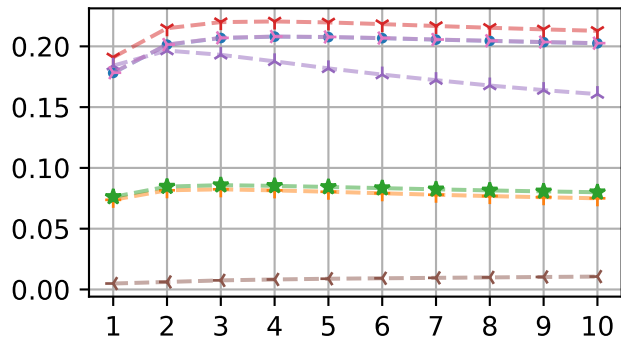
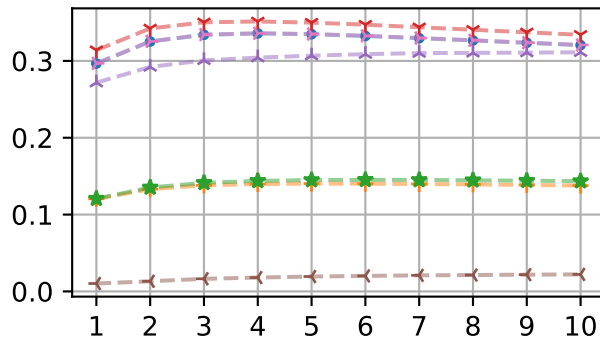


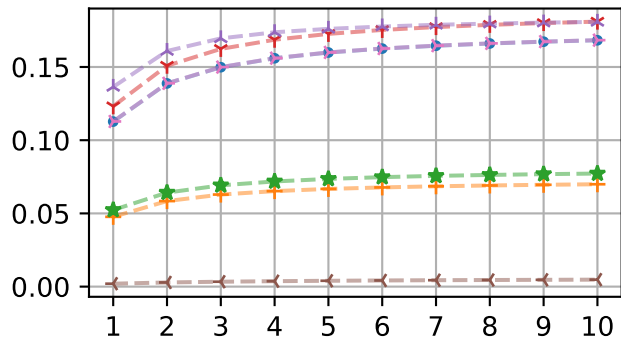
NDCG



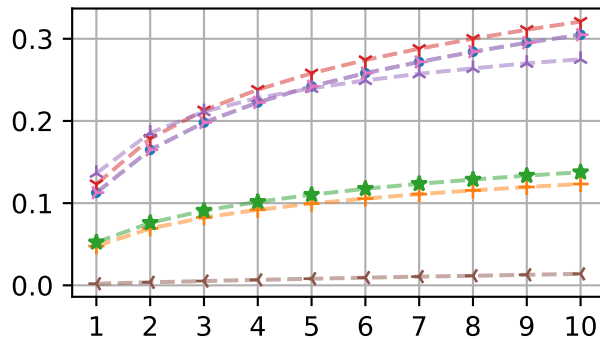
MAP



MRR



Recall



—●— bow    —+— np    —★— pp    —x— pp+bow    —△— npmarker    —×— fos    —>— bow+fosboost