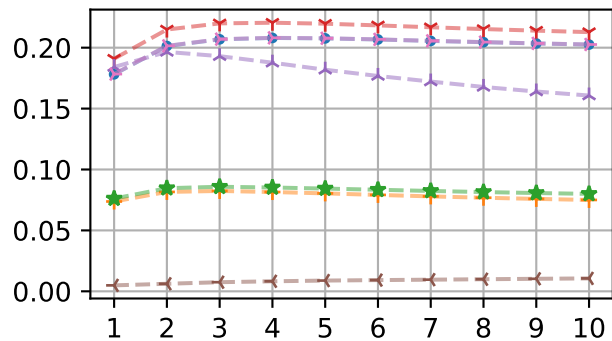
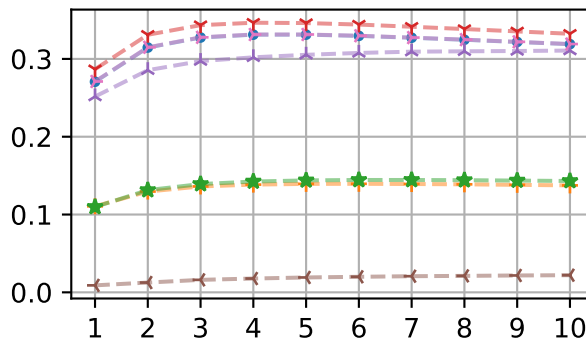


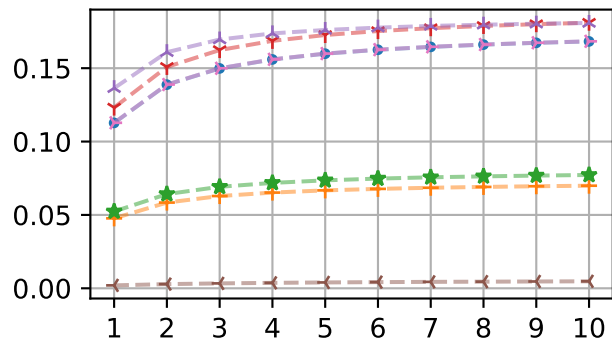
NDCG



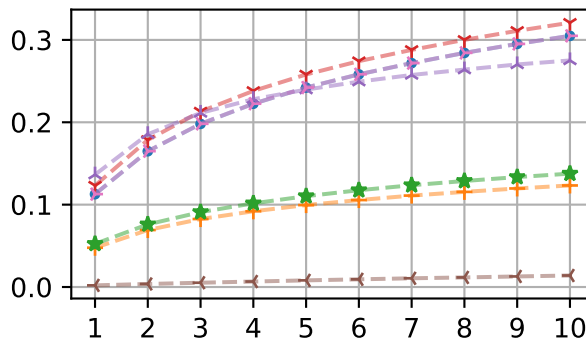
MAP



MRR



Recall



bow np pp pp+bow npmarker fos bow+fosboost