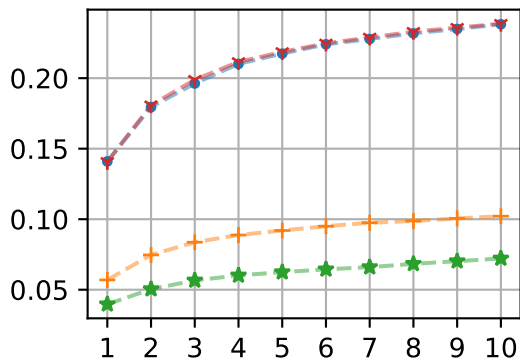
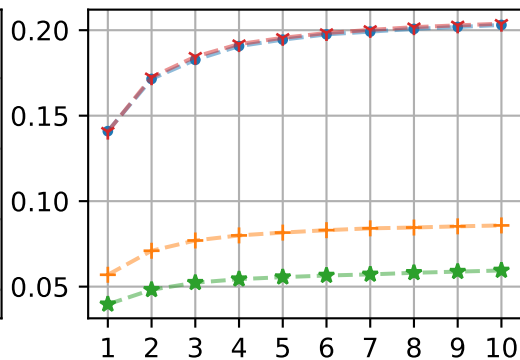


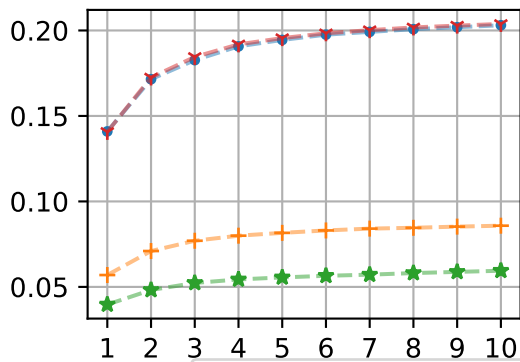
NDCG



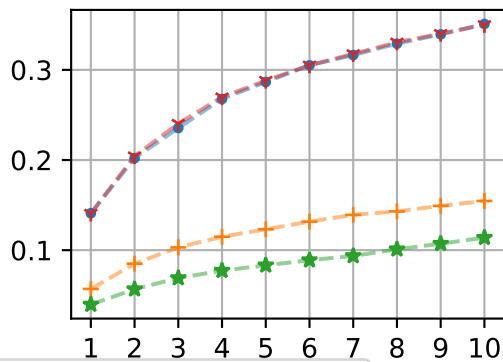
MAP



MRR



Recall



—●— bow    —+— np    —★— pp    —×— pp+bow