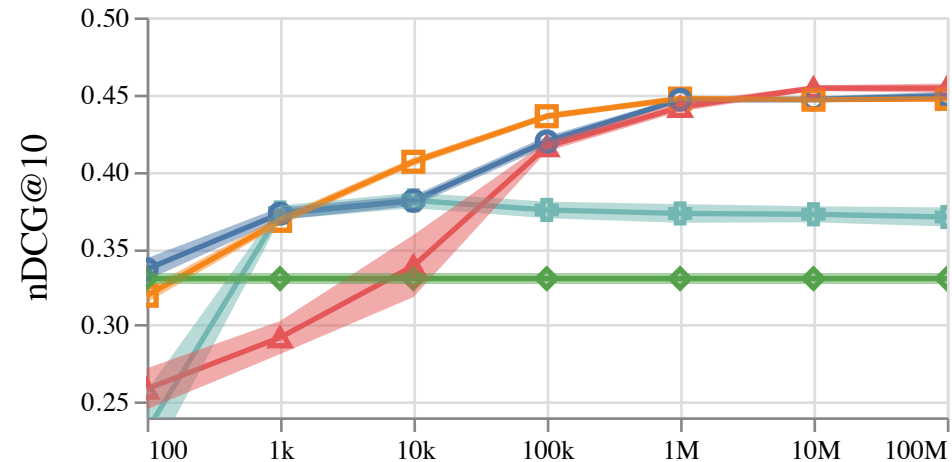
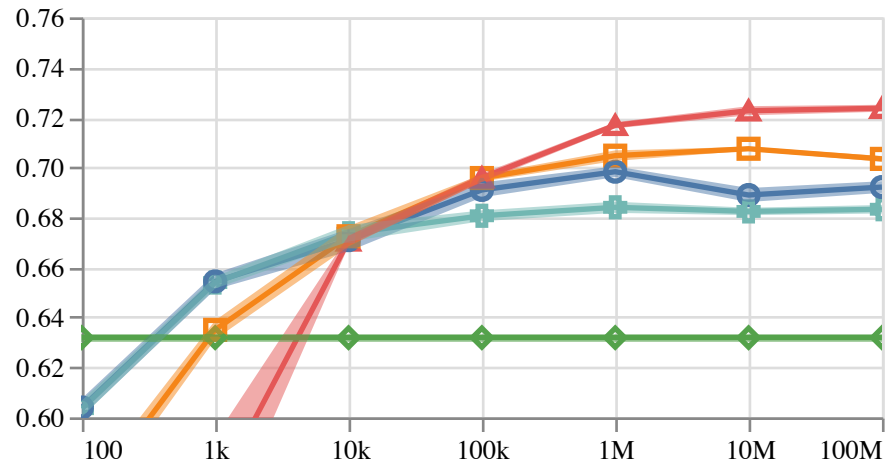


MSLR-WEB30K

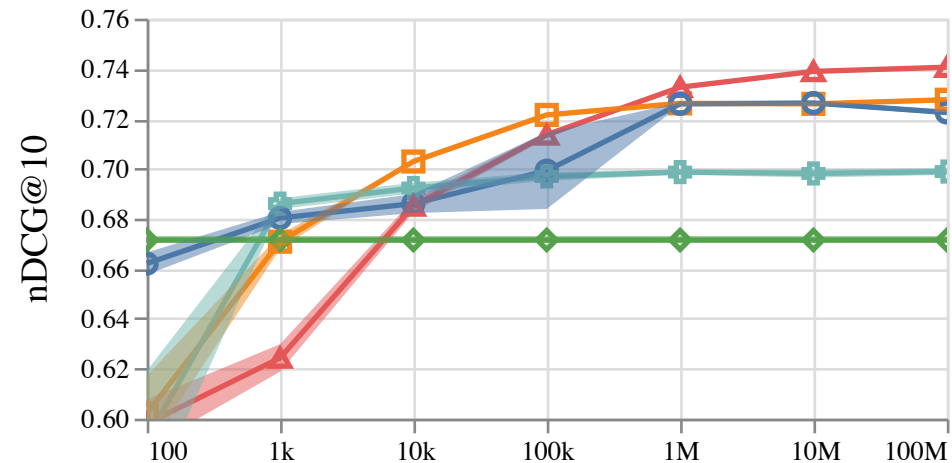


Istella

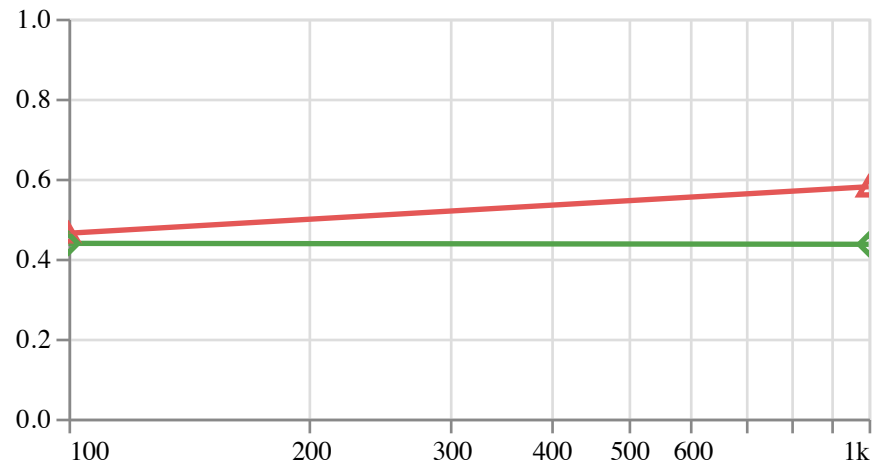


- PBM - Estimated Bias
- PBM - True Bias
- △ Point. IPS - True Bias
- ⊕ Point. IPS / PBM - Naive
- ◇ Production Ranker

Yahoo



Synthetic



Number of Train Queries

Number of Train Queries