

## 1 ADDITIONAL MATERIAL

### 1.1 Impact of Dataset Size on Query Efficiency at High Recall (Deep dataset)

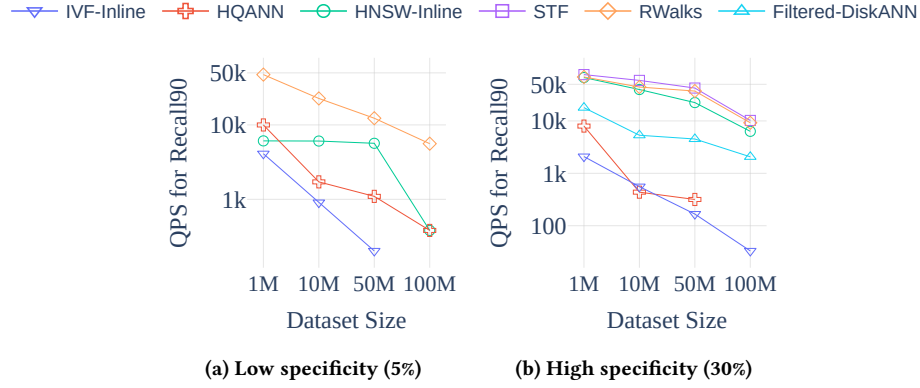


Figure 1: Query answering scalability with dataset size (Deep, Recall@10 = 0.9).

### 1.2 Impact of Random Walks Depth on the Accuracy/Efficiency Trade-offs

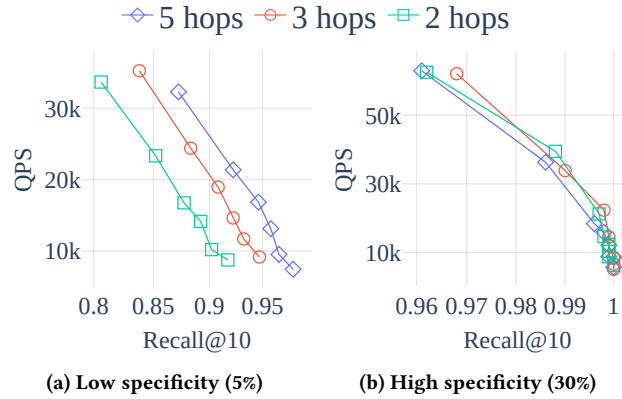
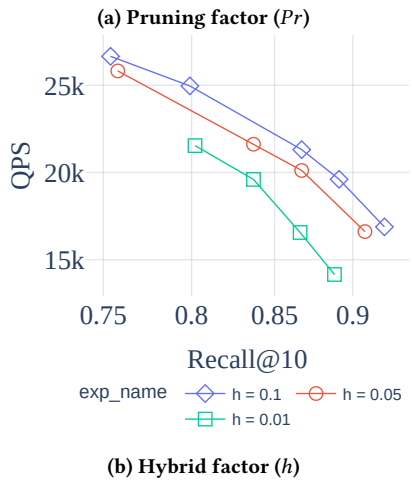
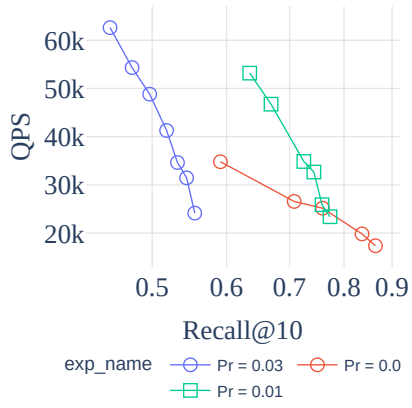


Figure 2: Effect of Random walks depth on QPS-Recall trade-off.

### 1.3 Impact of Search hyper-parameters on the Accuracy/Efficiency Trade-offs



**Figure 3: Effect of search hyper-parameters on QPS-recall trade-off.**