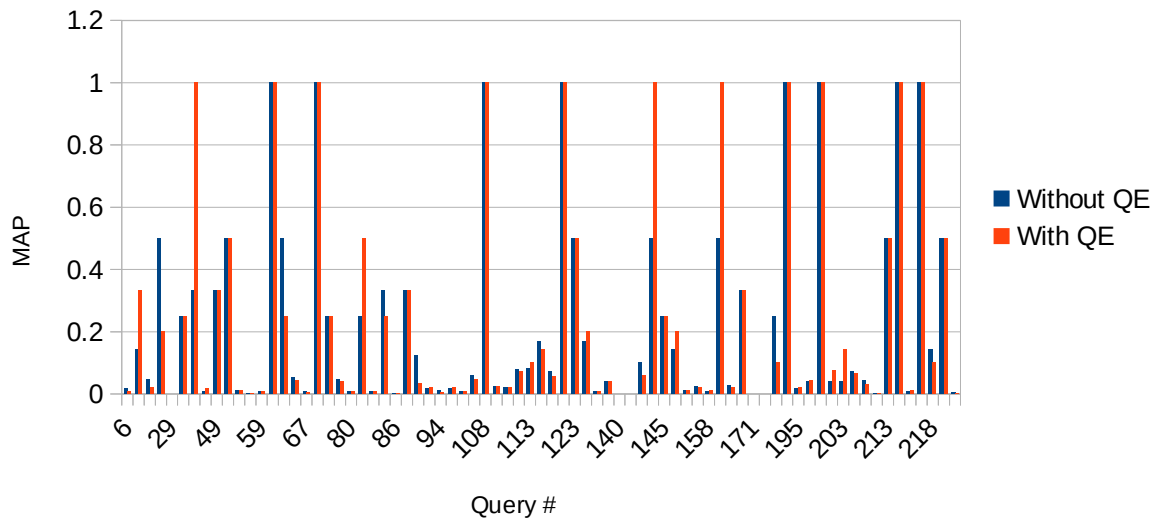
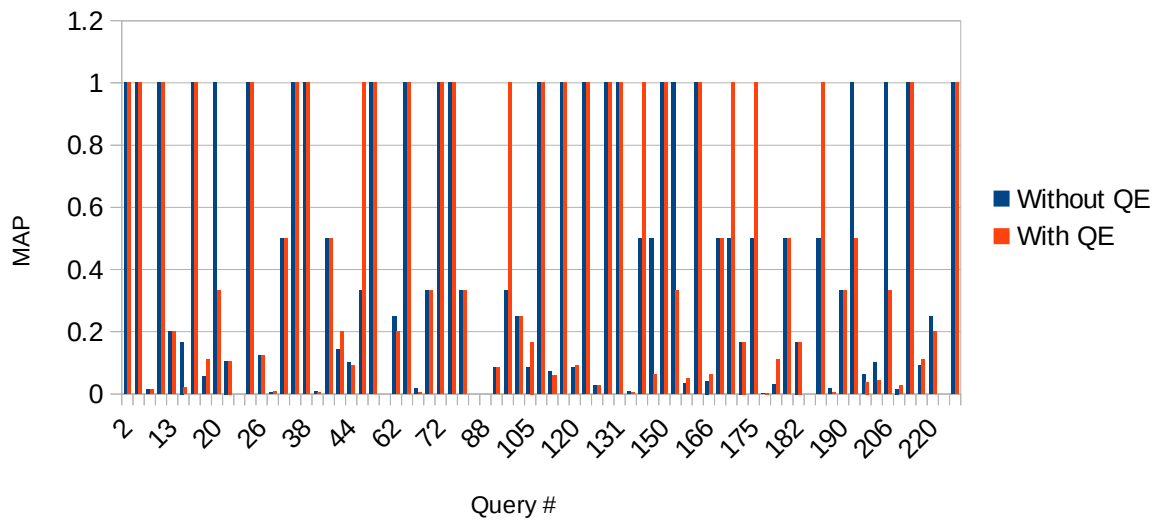


Histogram Graph Comparing NP2 Model with Query Expansion and without Query Expansion for HP04 topics set



Histogram Graph Comparing NP2 Model with Query Expansion and without Query Expansion for NP04 topics set



Histogram Graph Comparing NP2 Model with Query Expansion and without Query Expansion for TD04 topics set

