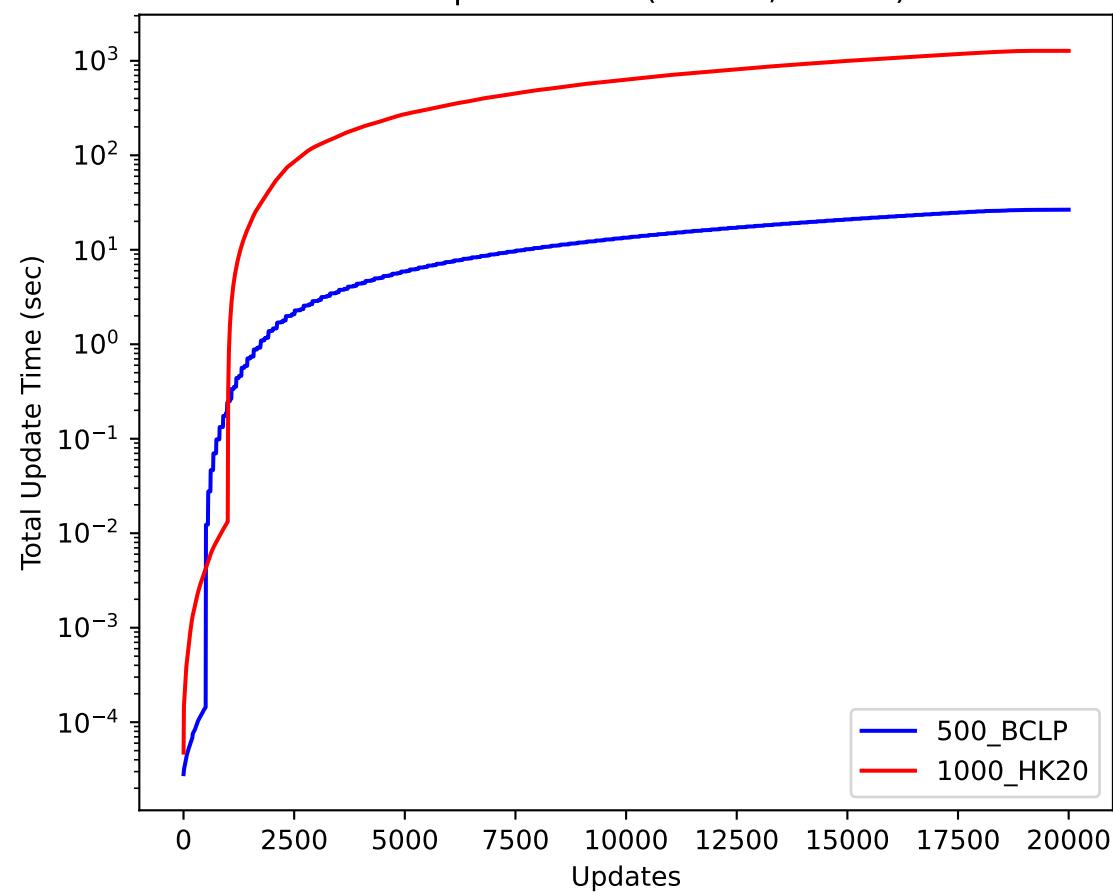
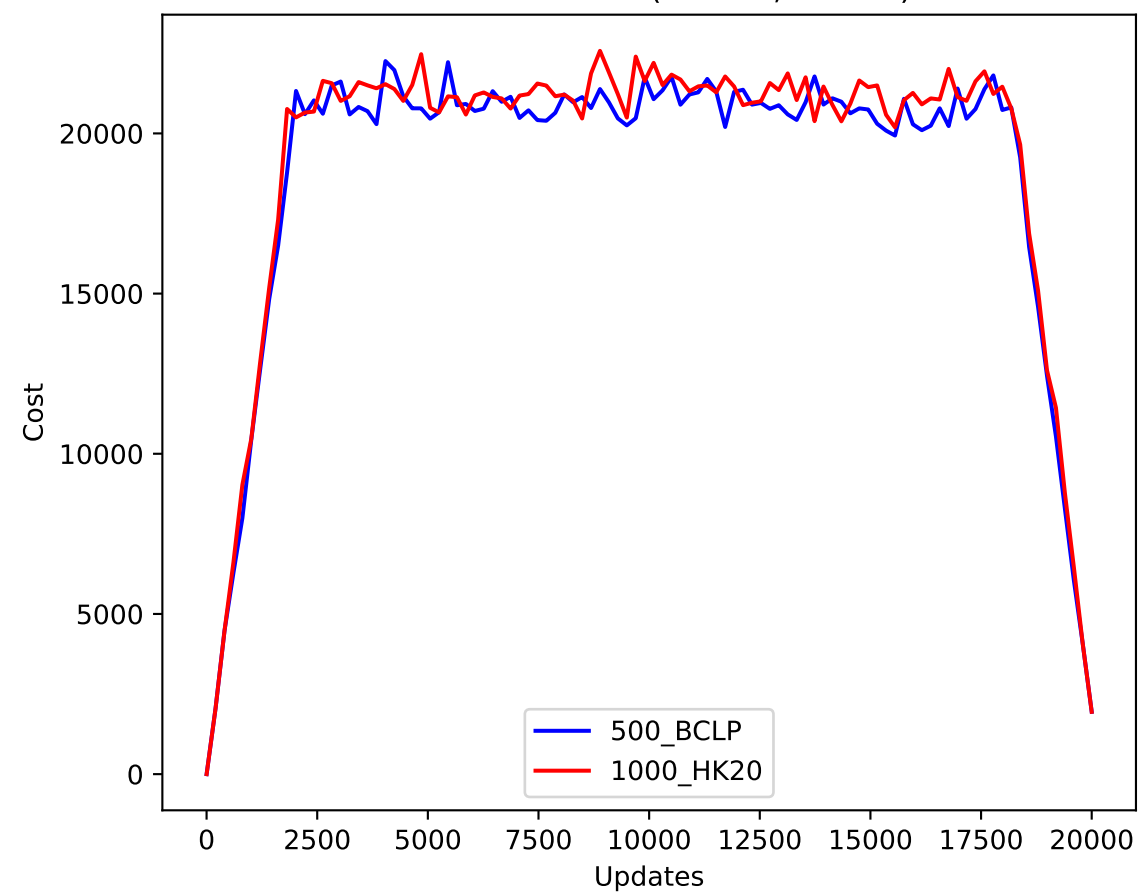


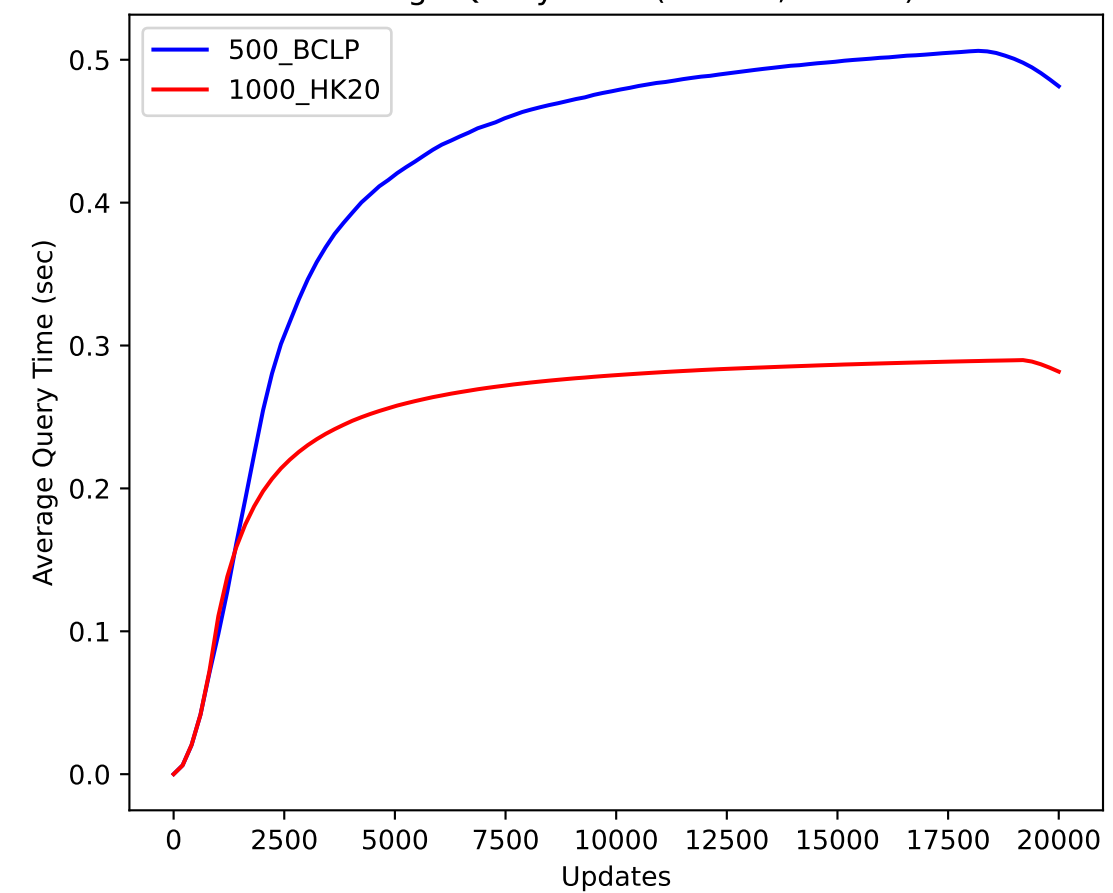
Total Update Time (census, k = 10)



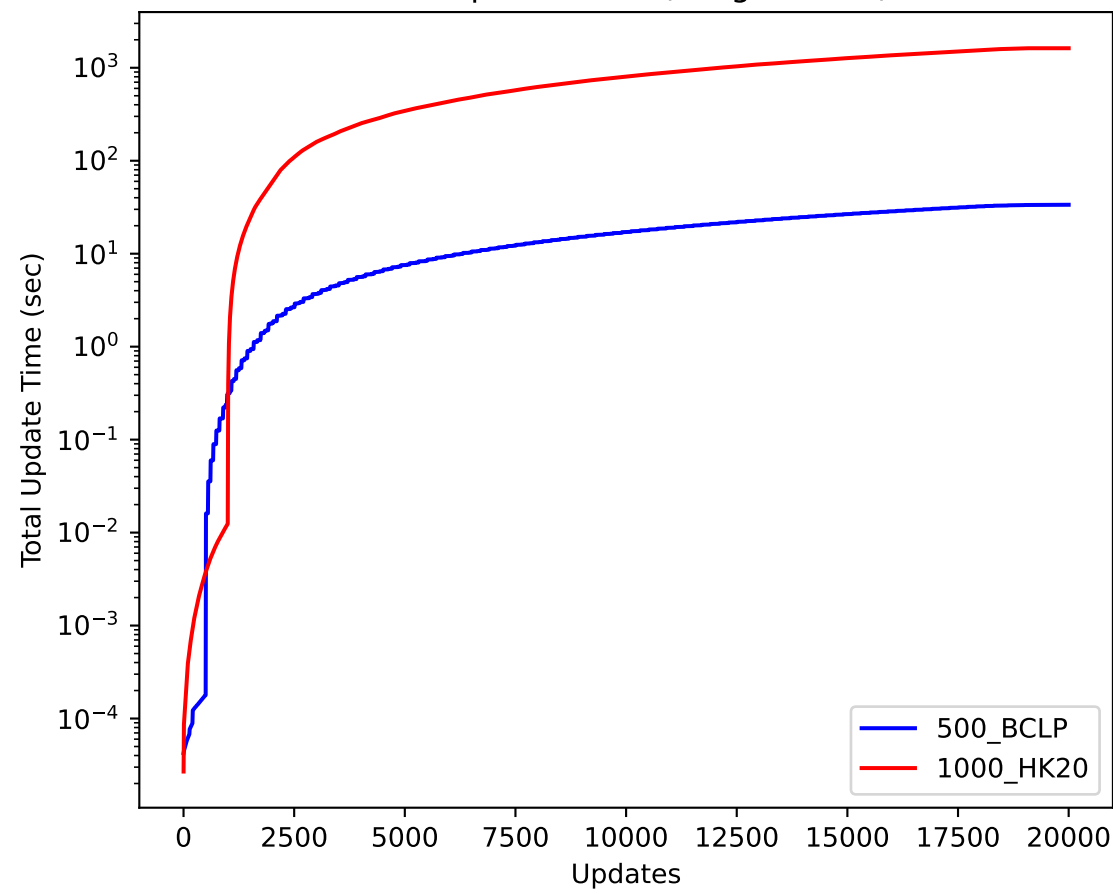
Cost of Solution (census, k = 10)



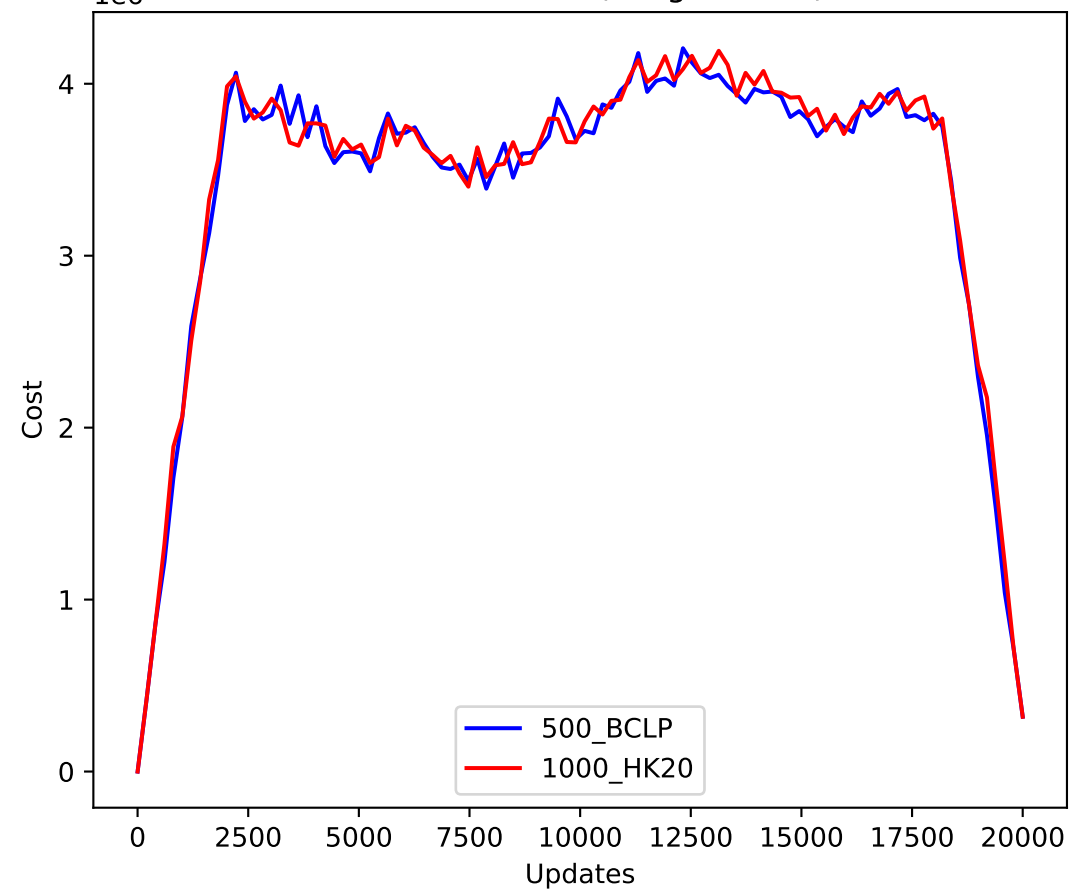
Average Query Time (census, k = 10)



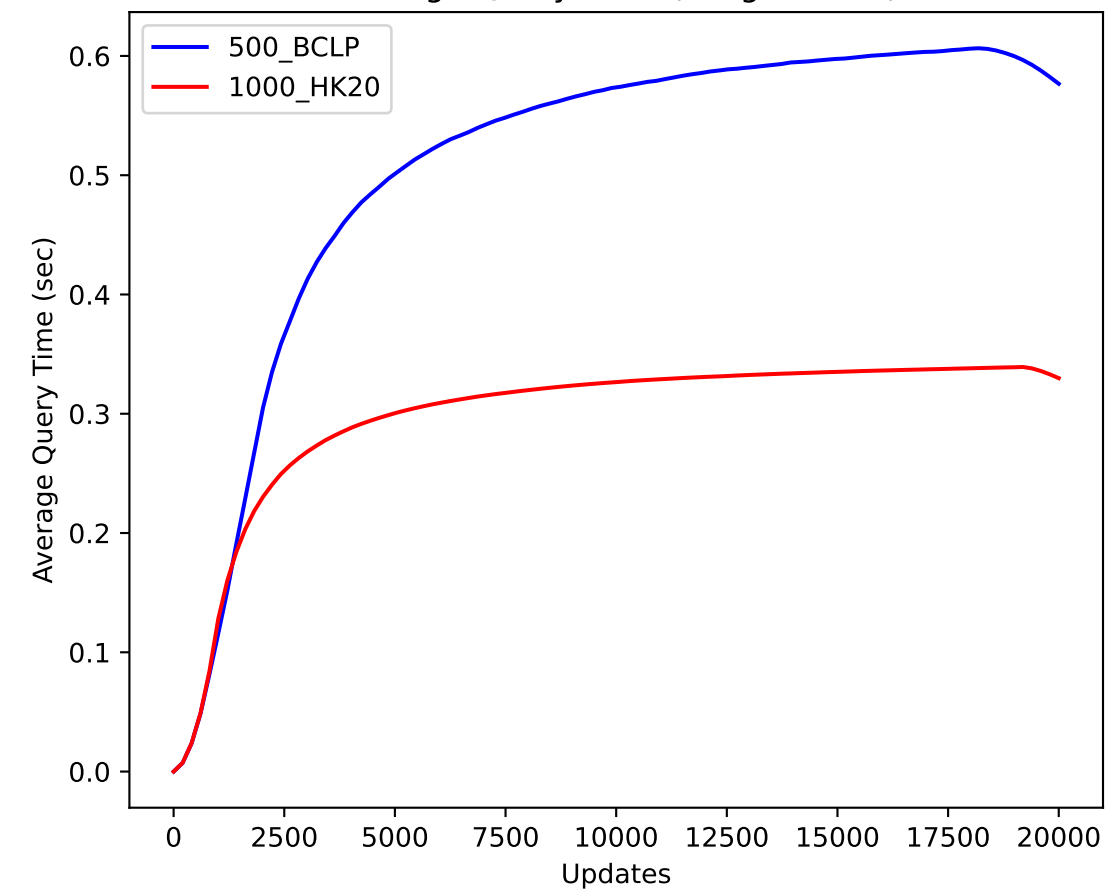
Total Update Time (song, k = 10)



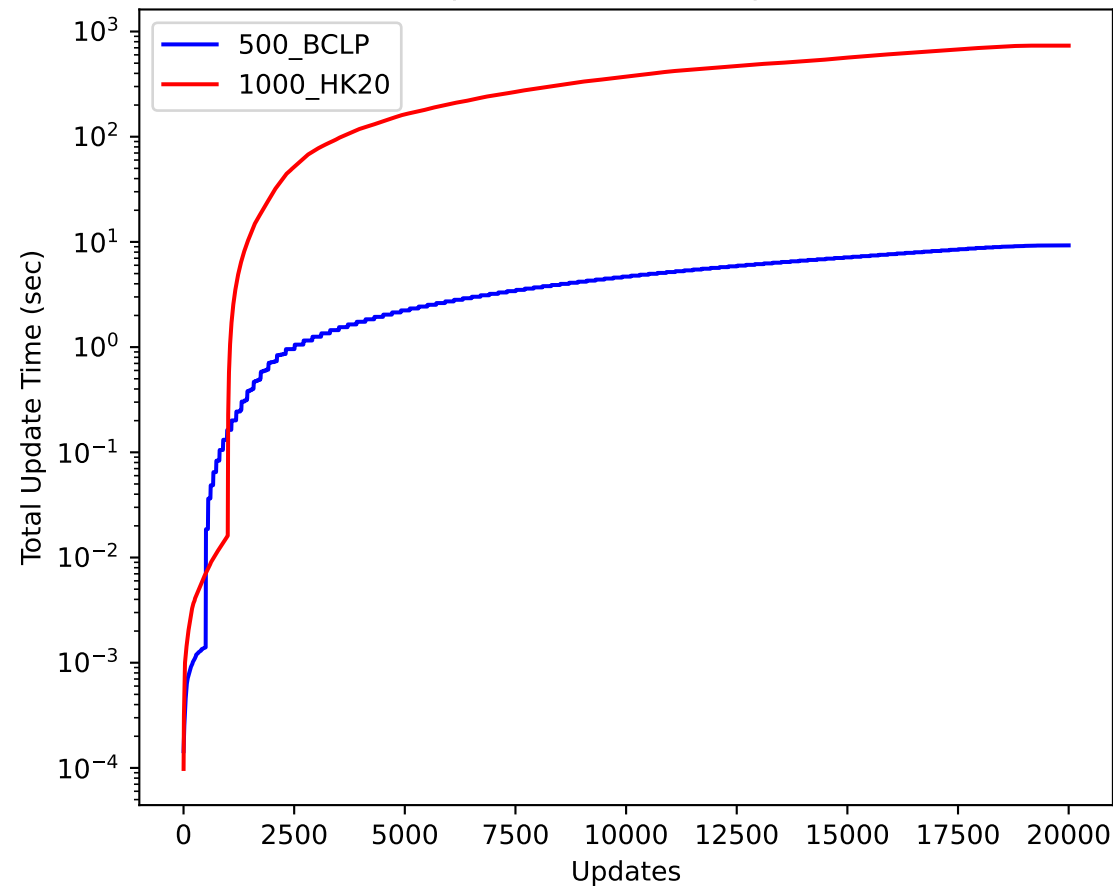
Cost of Solution (song, k = 10)



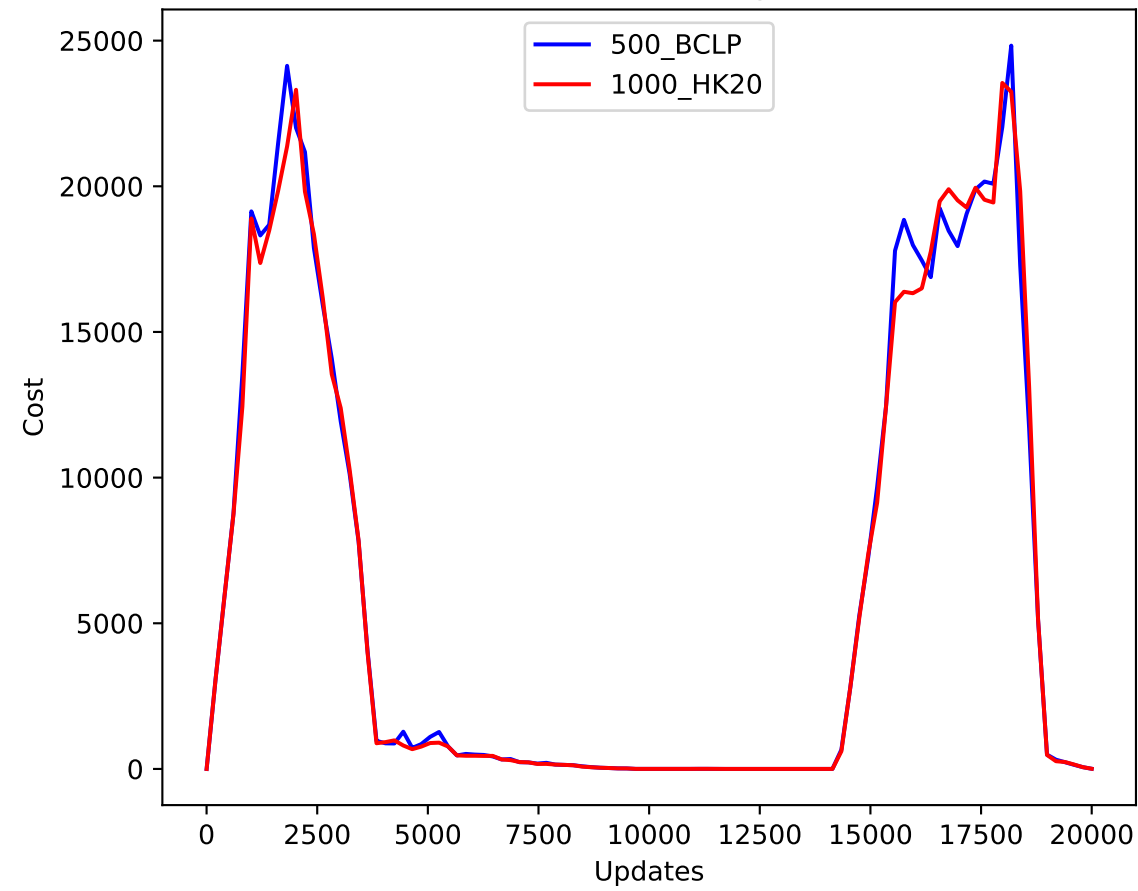
Average Query Time (song, k = 10)



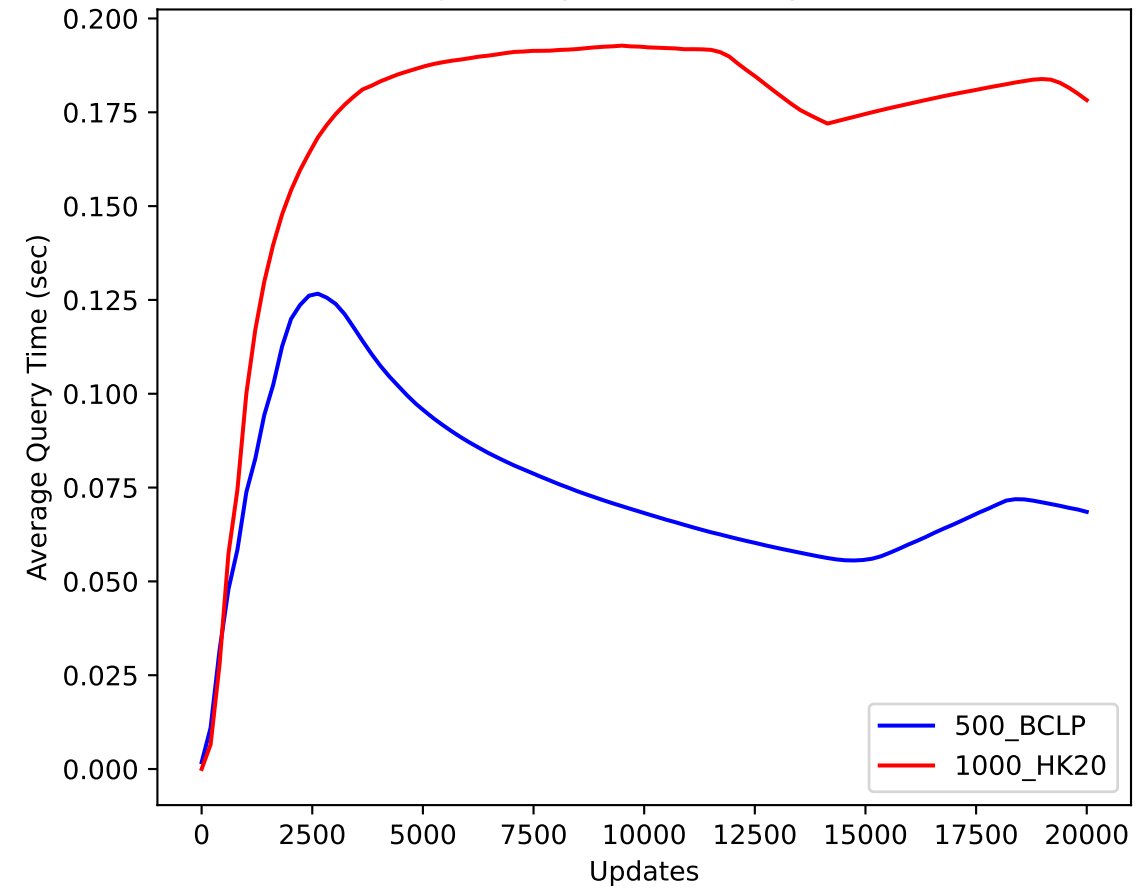
Total Update Time (kddcup, k = 10)



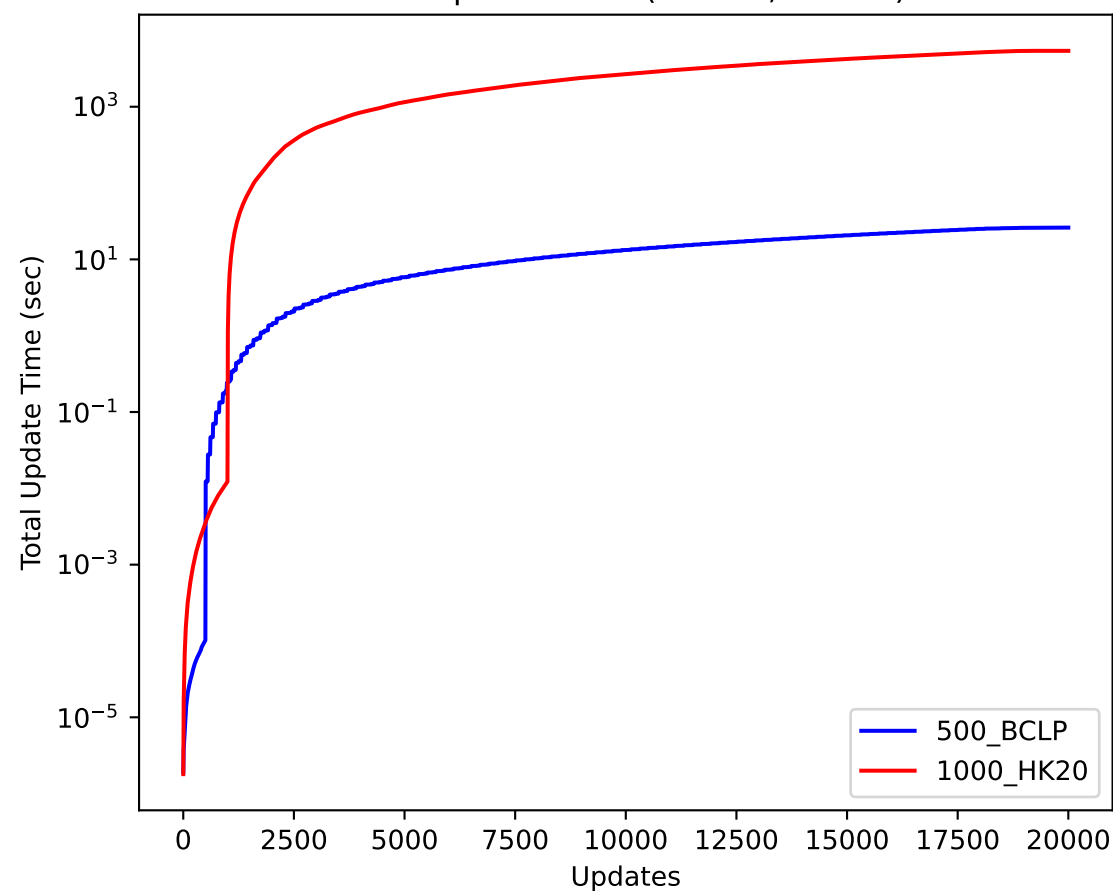
Cost of Solution (kddcup, k = 10)



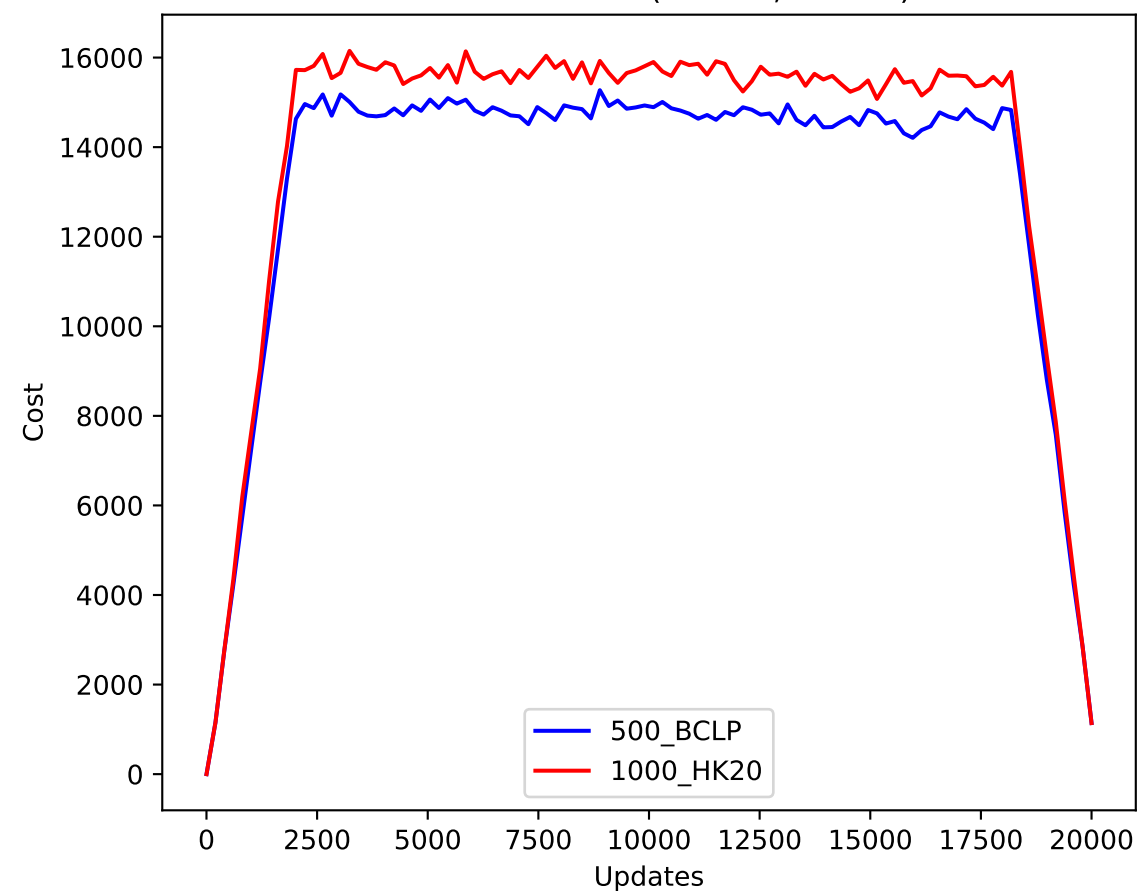
Average Query Time (kddcup, k = 10)



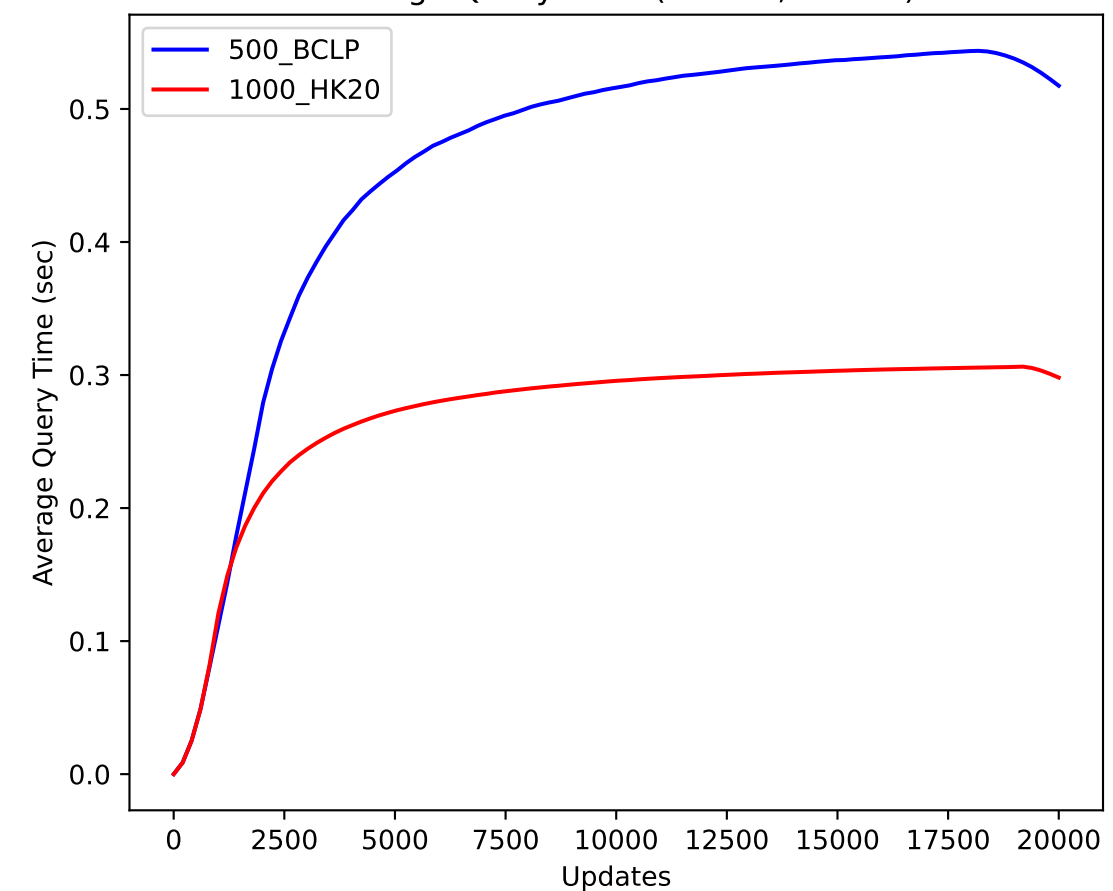
Total Update Time (census, k = 50)



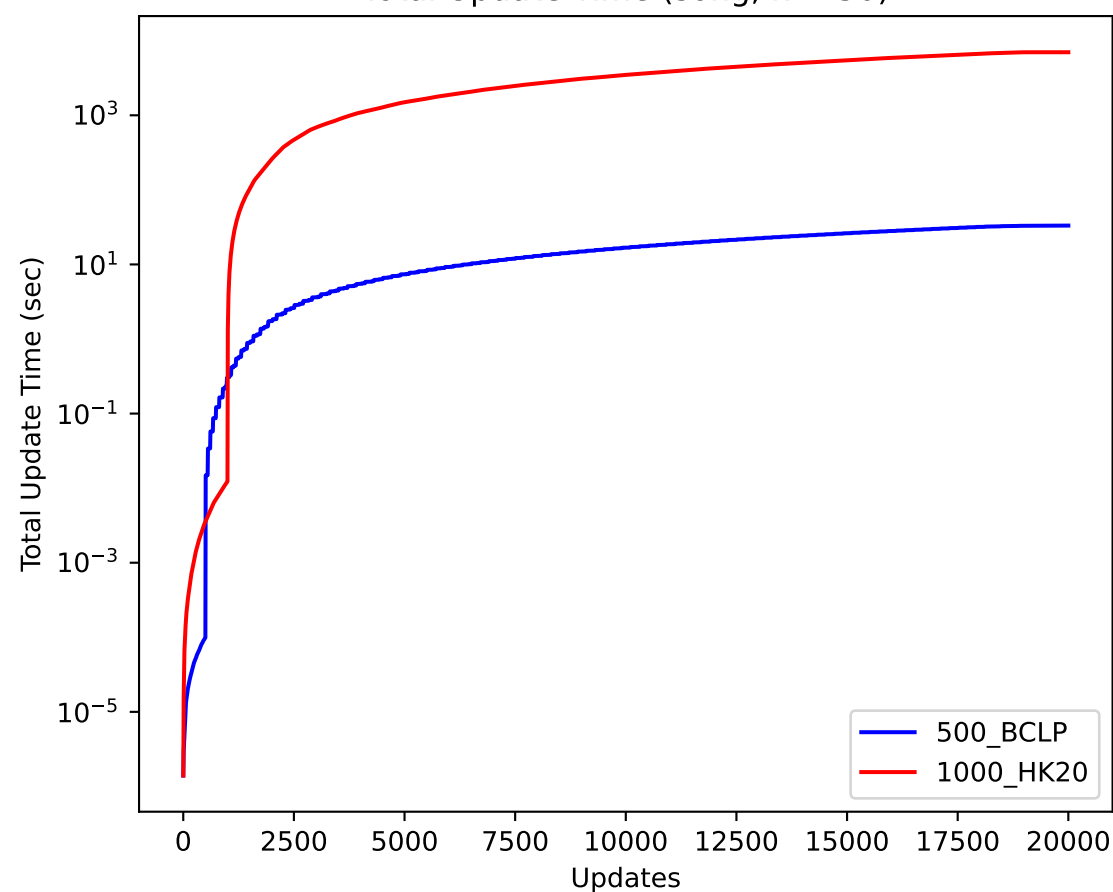
Cost of Solution (census, k = 50)



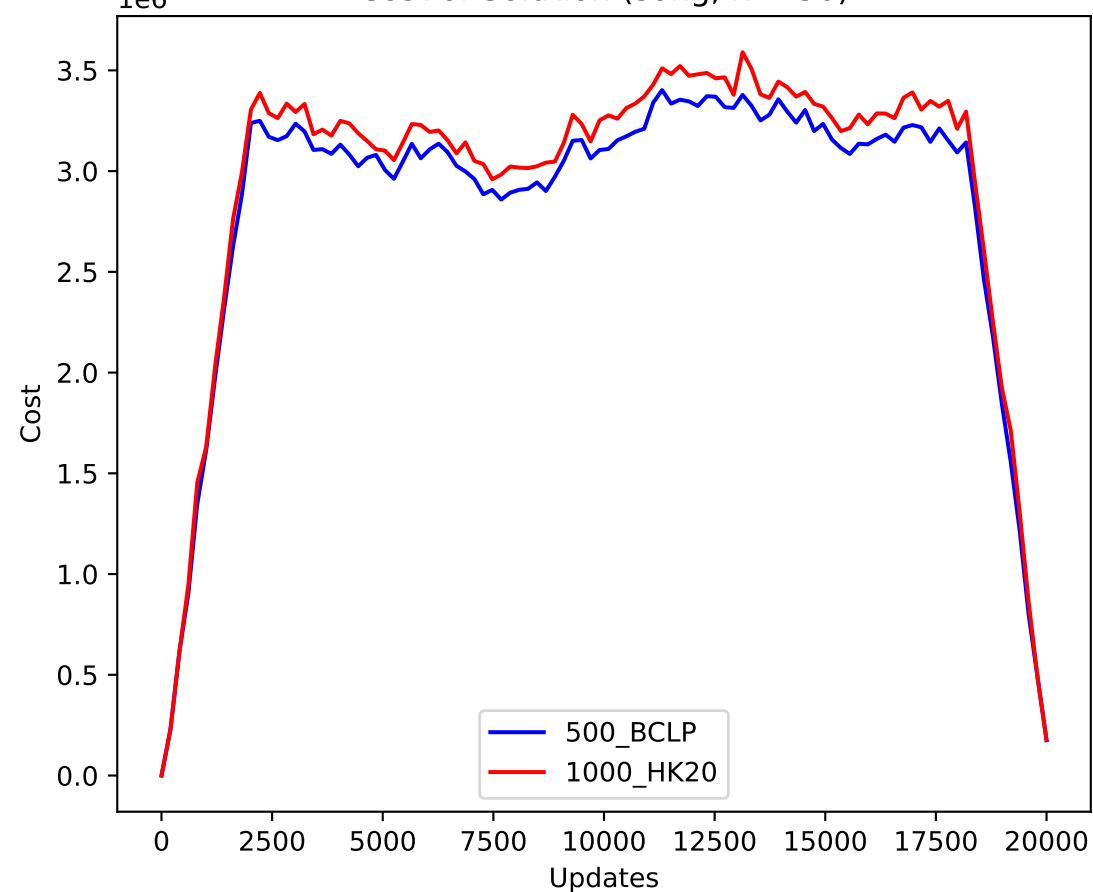
Average Query Time (census, k = 50)



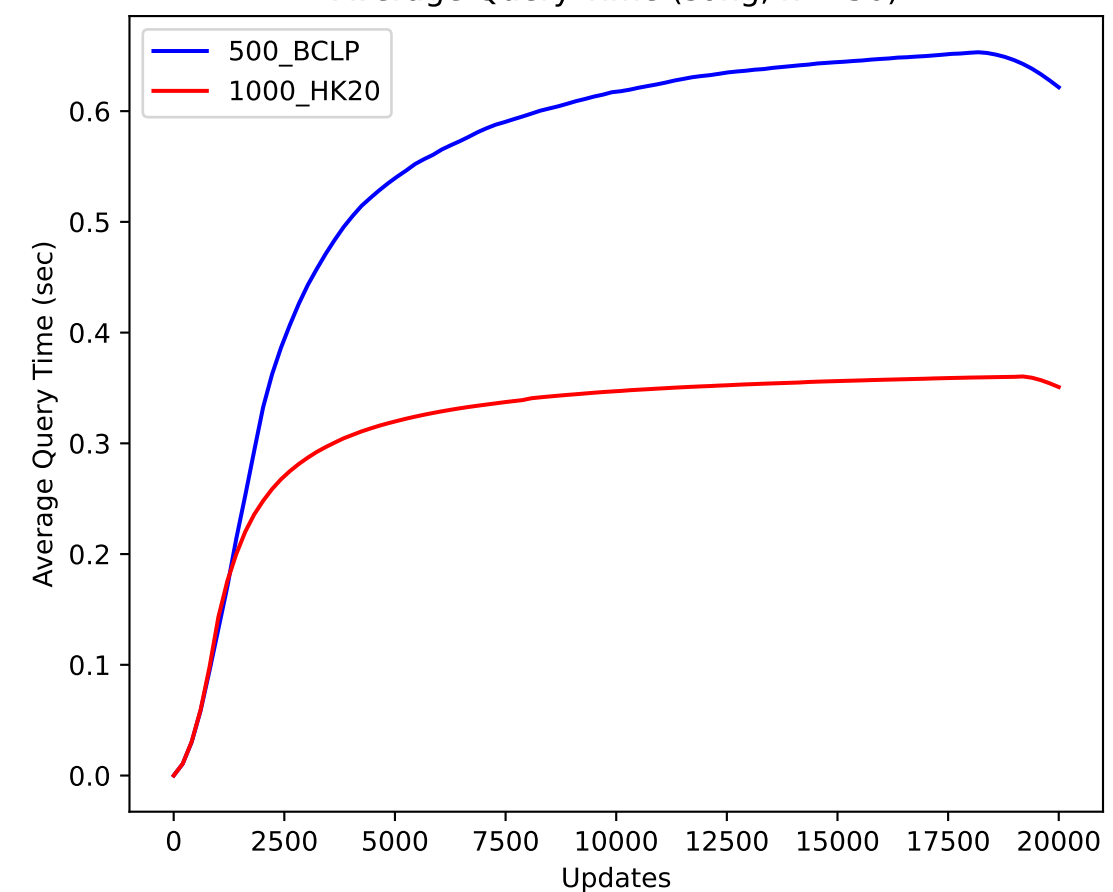
Total Update Time (song, k = 50)



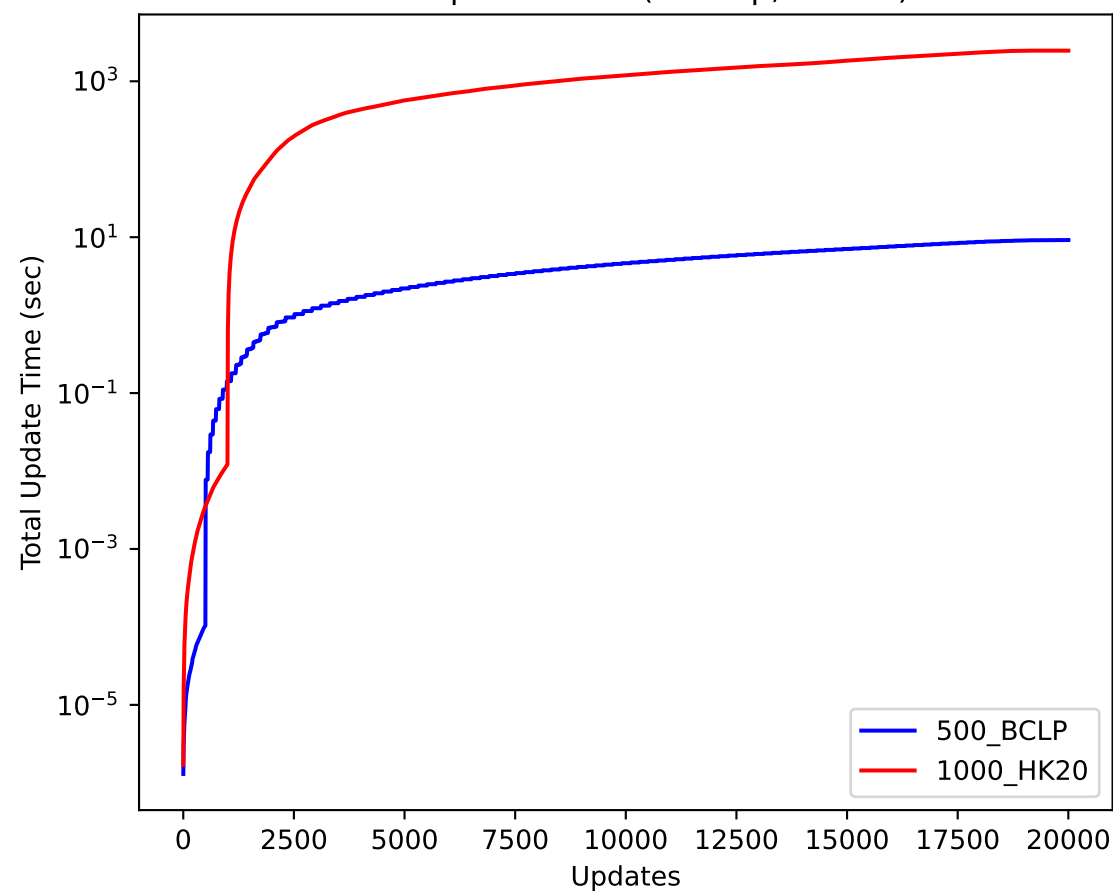
Cost of Solution (song, k = 50)



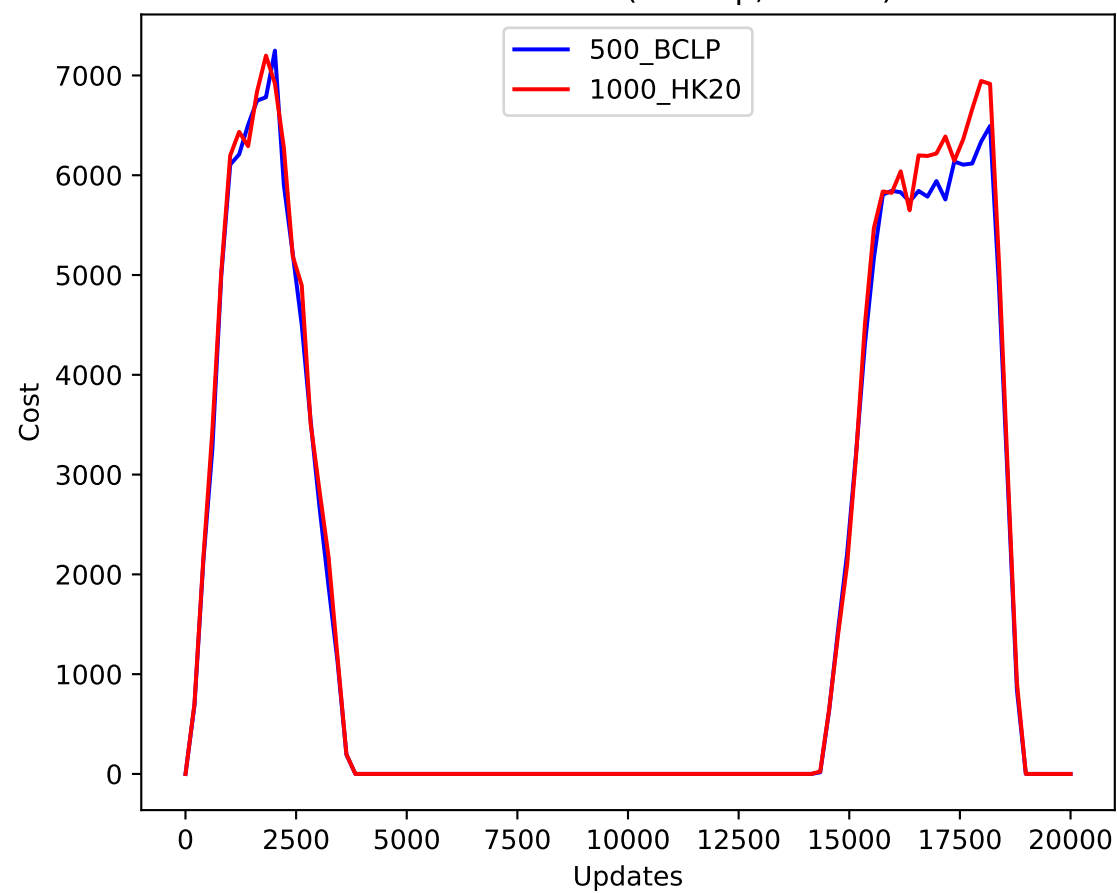
Average Query Time (song, k = 50)



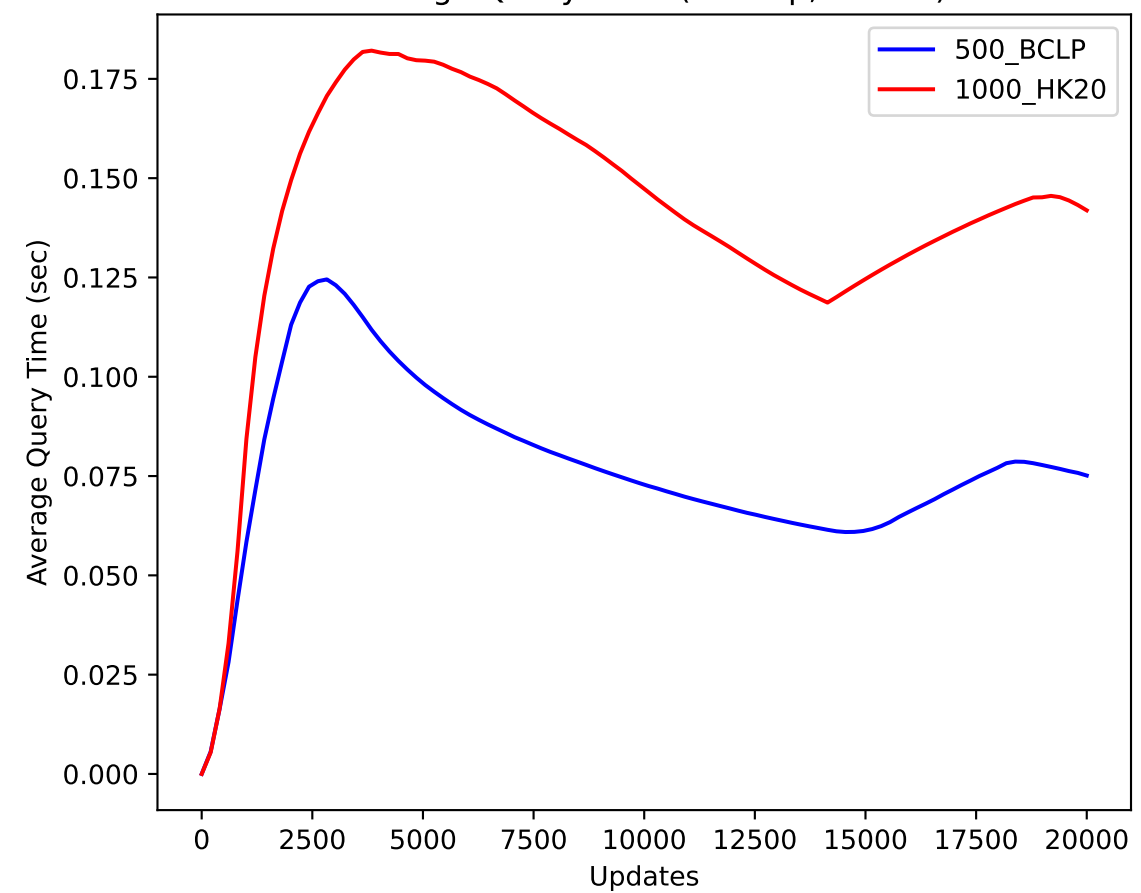
Total Update Time (kddcup, k = 50)



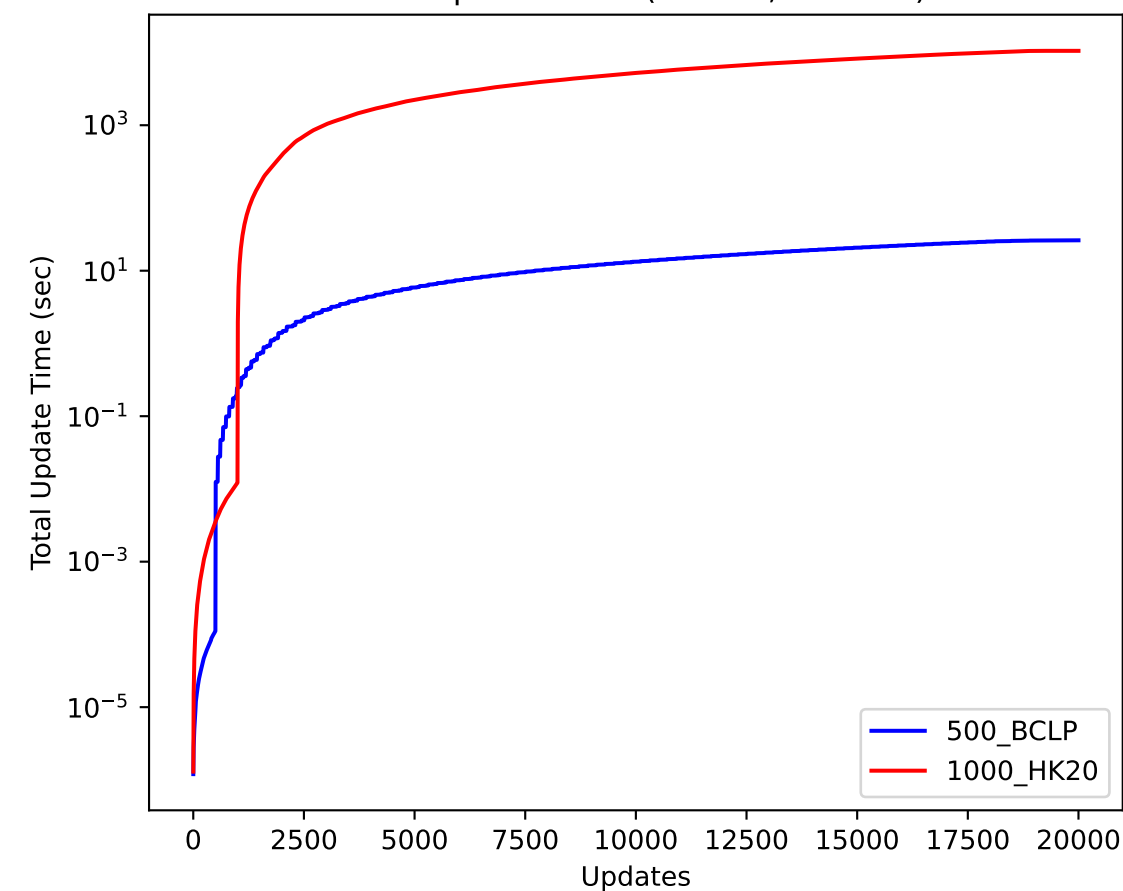
Cost of Solution (kddcup, k = 50)



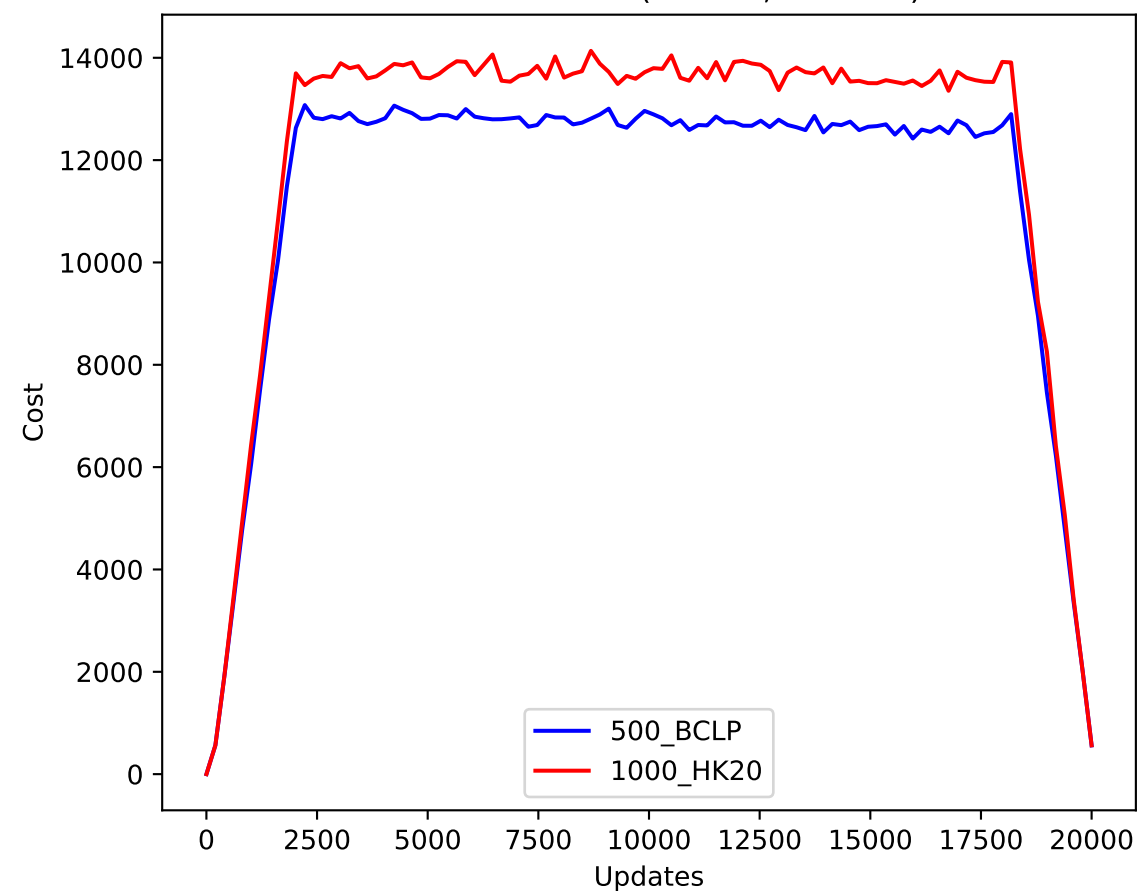
Average Query Time (kddcup, k = 50)



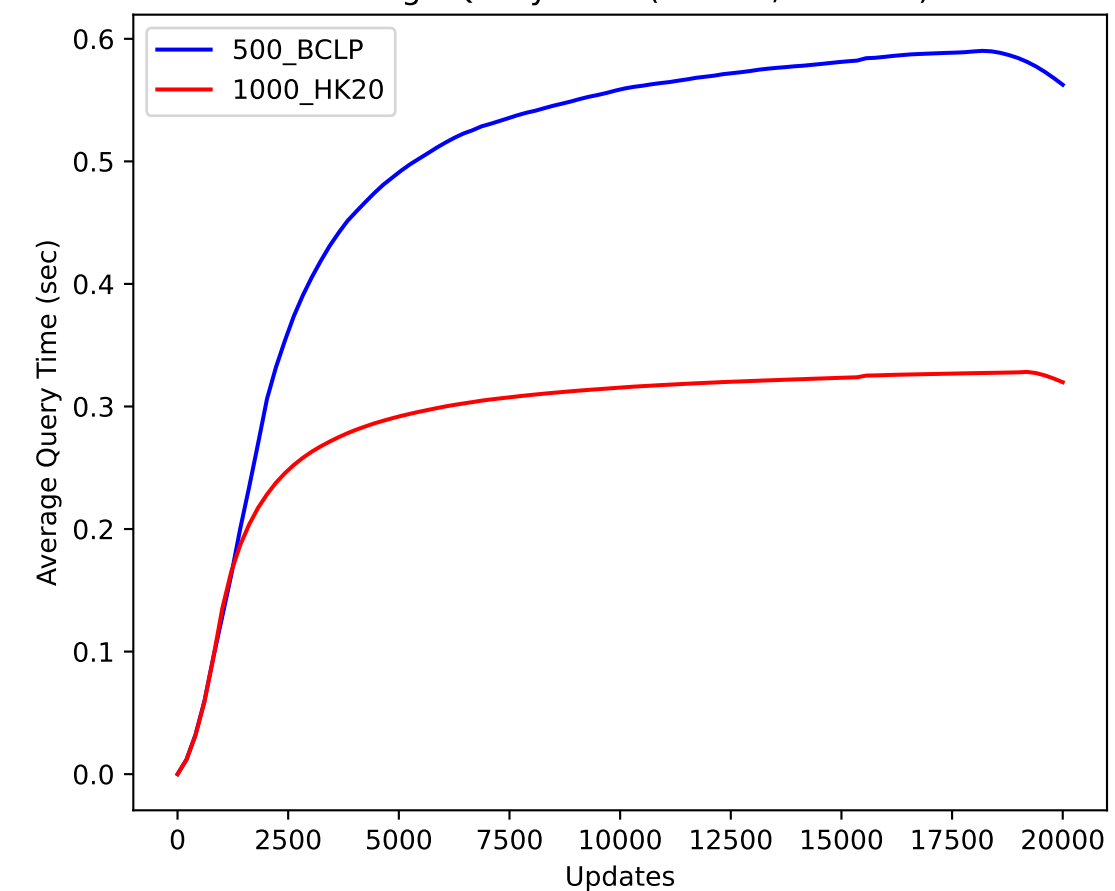
Total Update Time (census, k = 100)



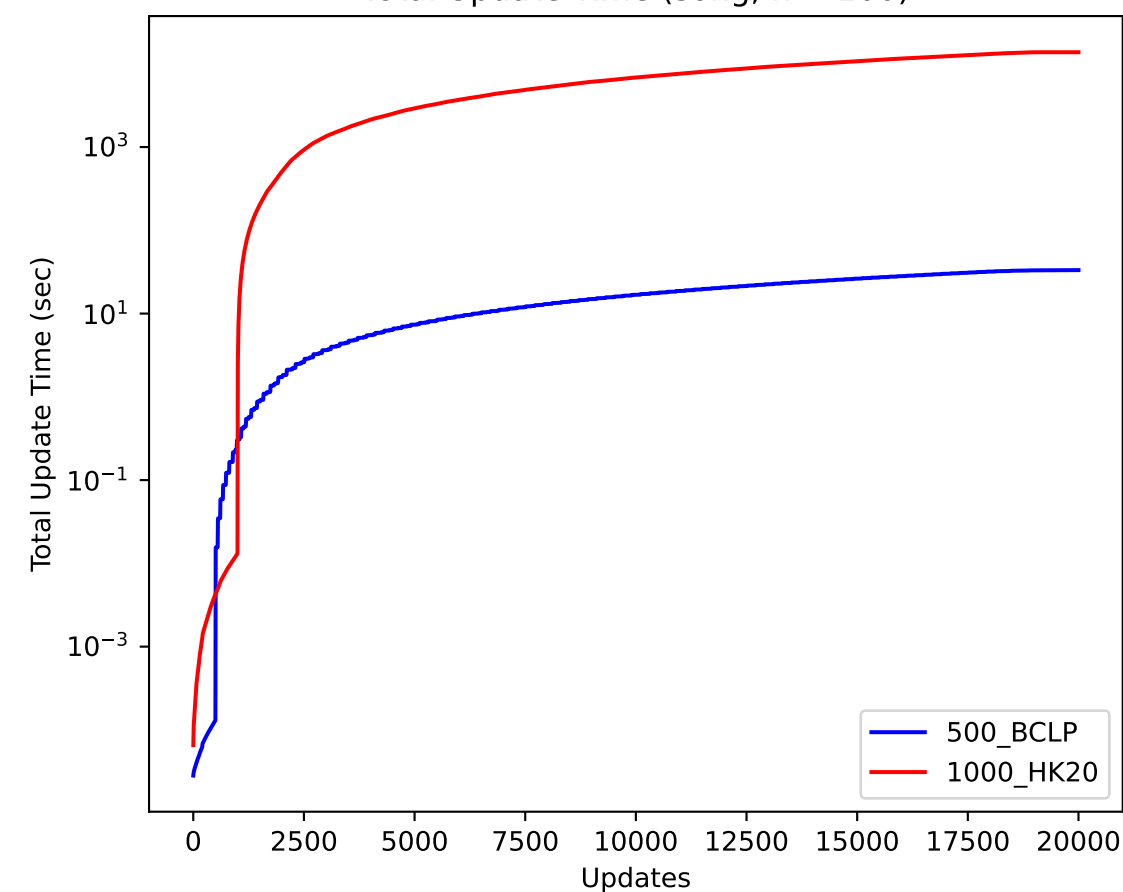
Cost of Solution (census, k = 100)



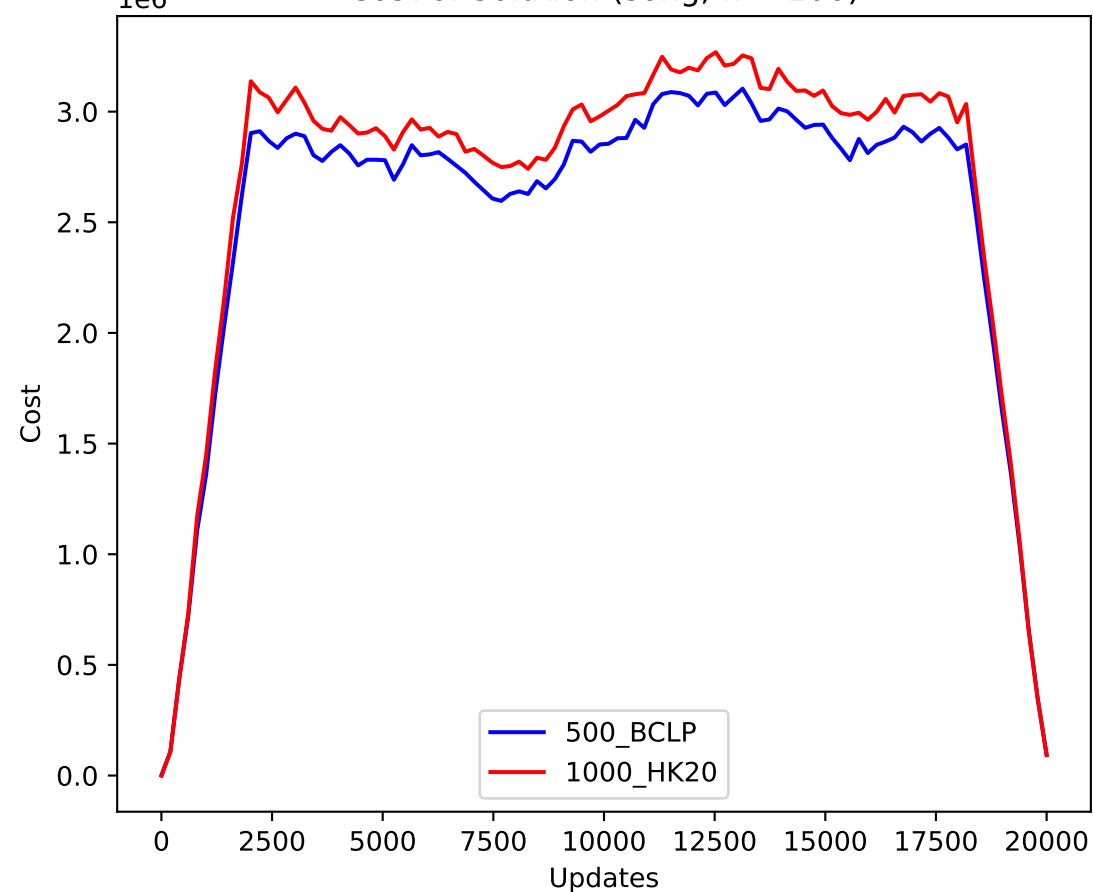
Average Query Time (census, k = 100)



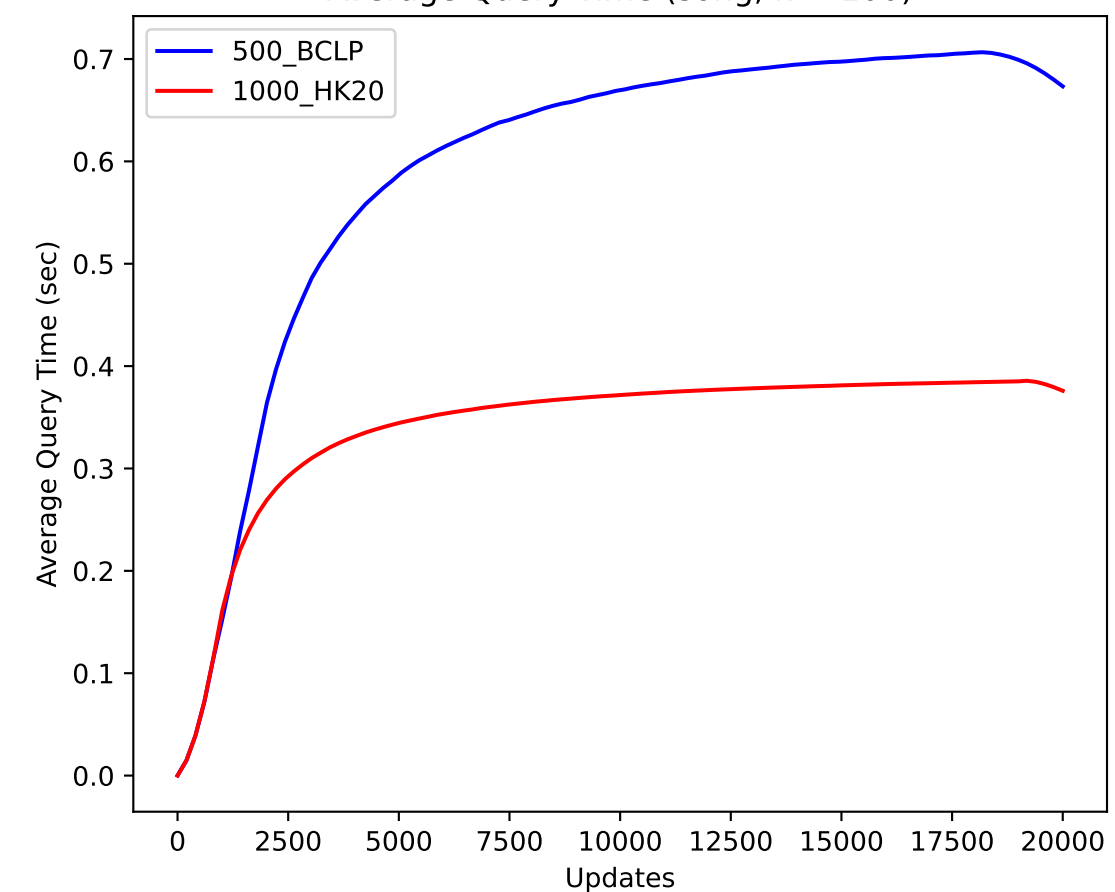
Total Update Time (song, k = 100)



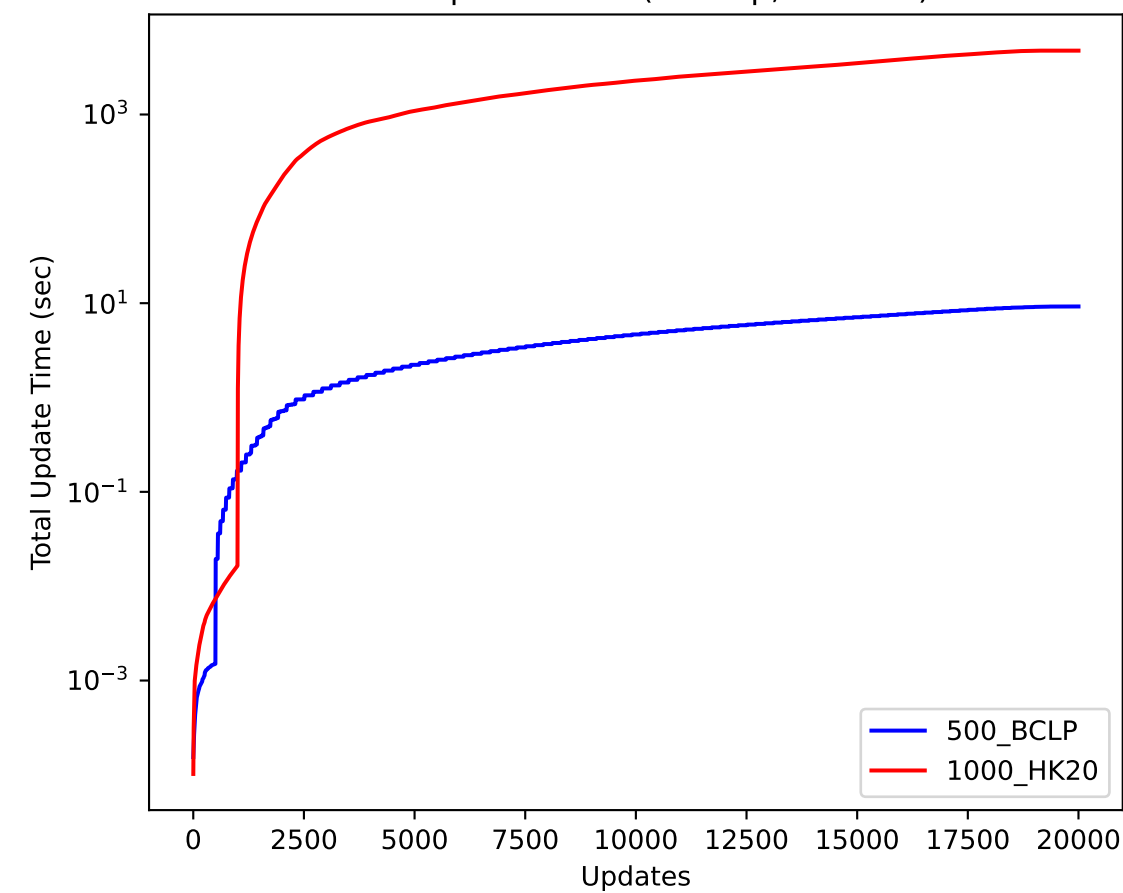
Cost of Solution (song, k = 100)



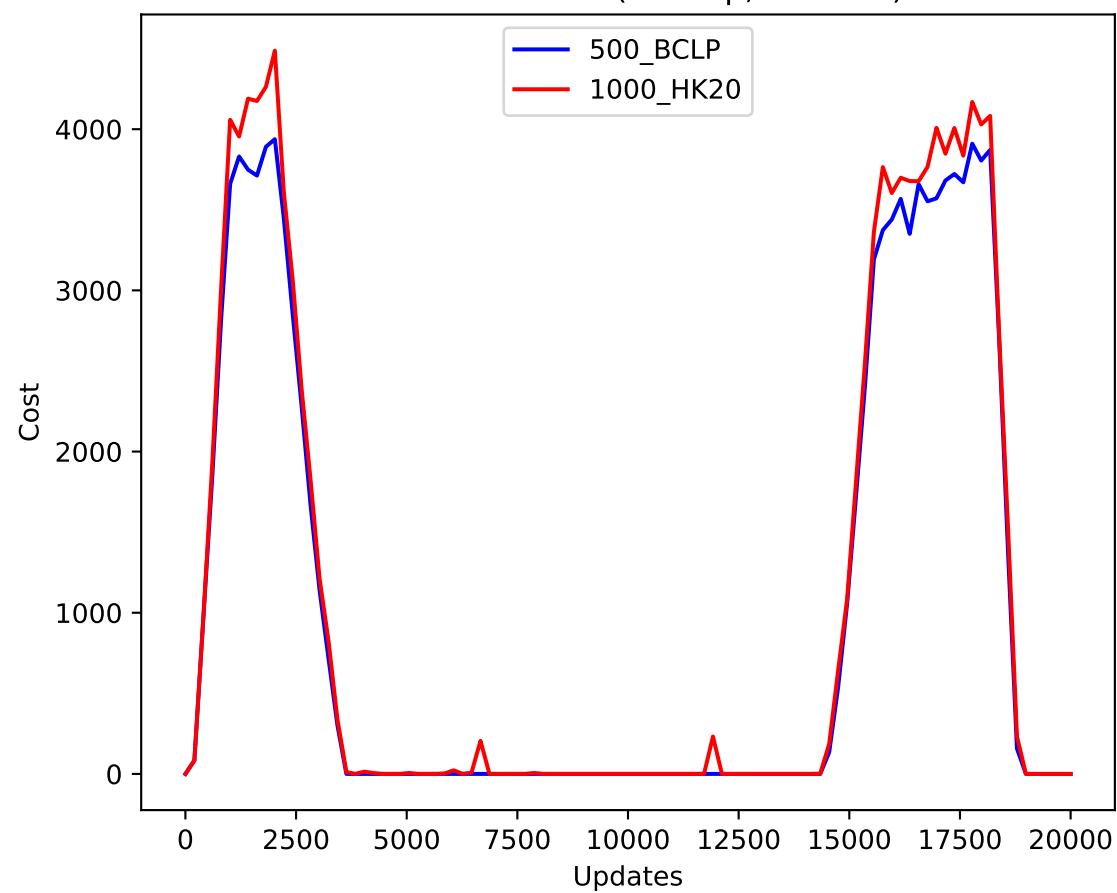
Average Query Time (song, k = 100)



Total Update Time (kddcup, k = 100)



Cost of Solution (kddcup, k = 100)



Average Query Time (kddcup, k = 100)

