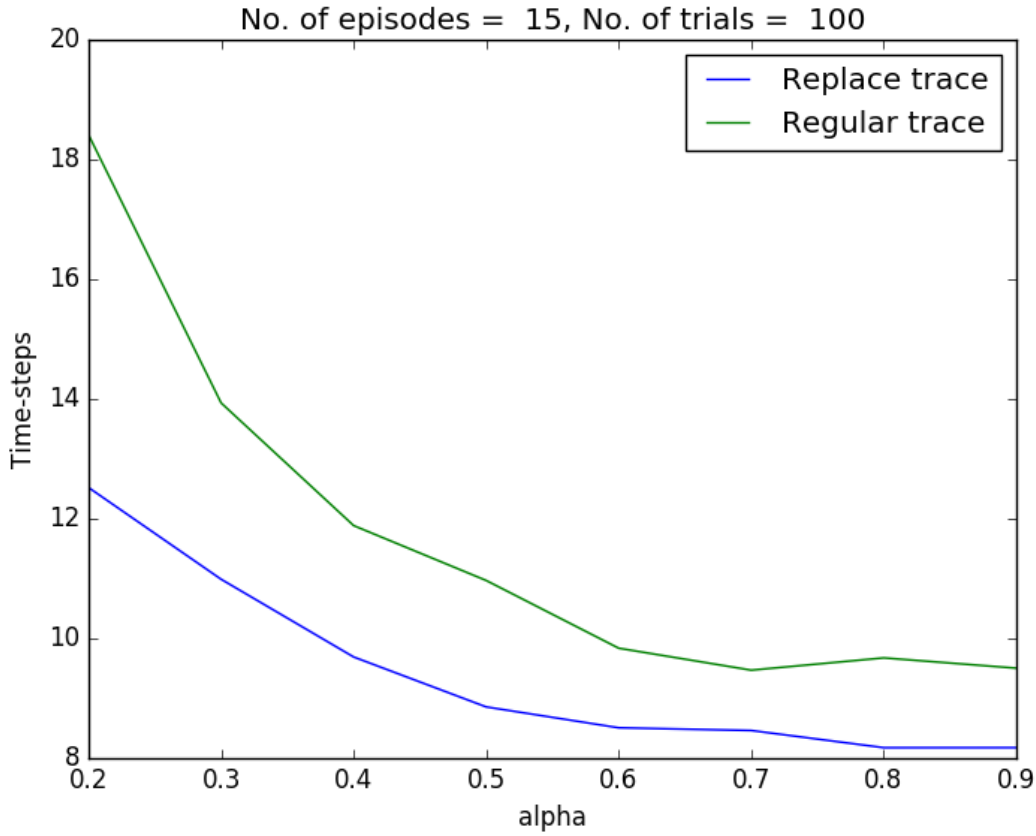
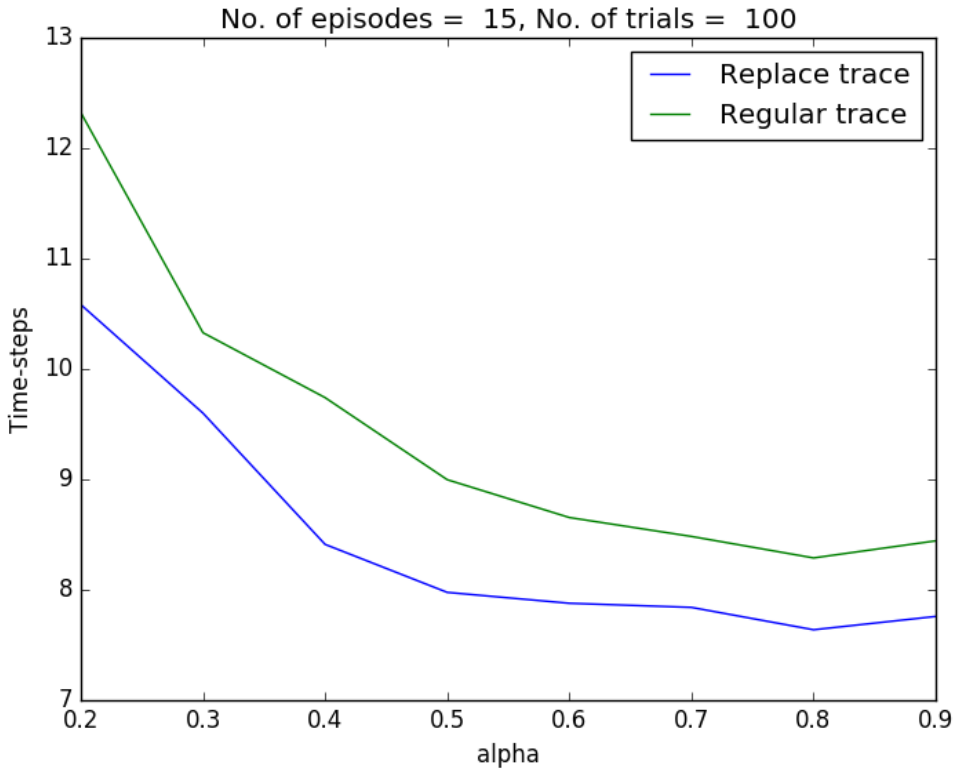
Observations from the experiments

Following are the some of the plots which I got for different experimental setup

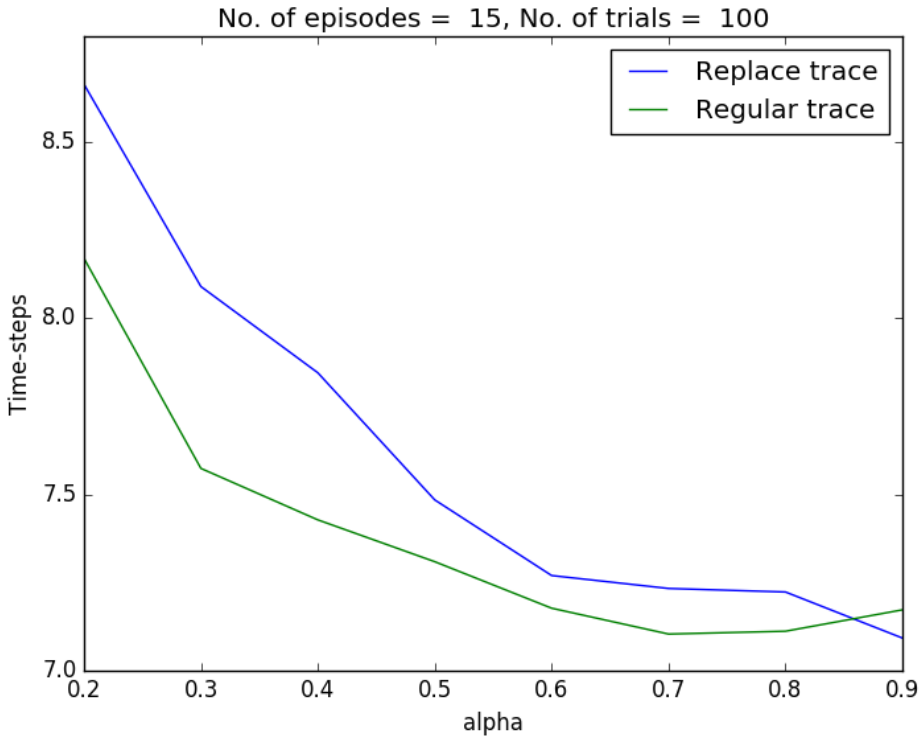
1. trials = 100
   episodes = 15
   lambda=0.9
   gamma=0.95
   epsilon=0.1



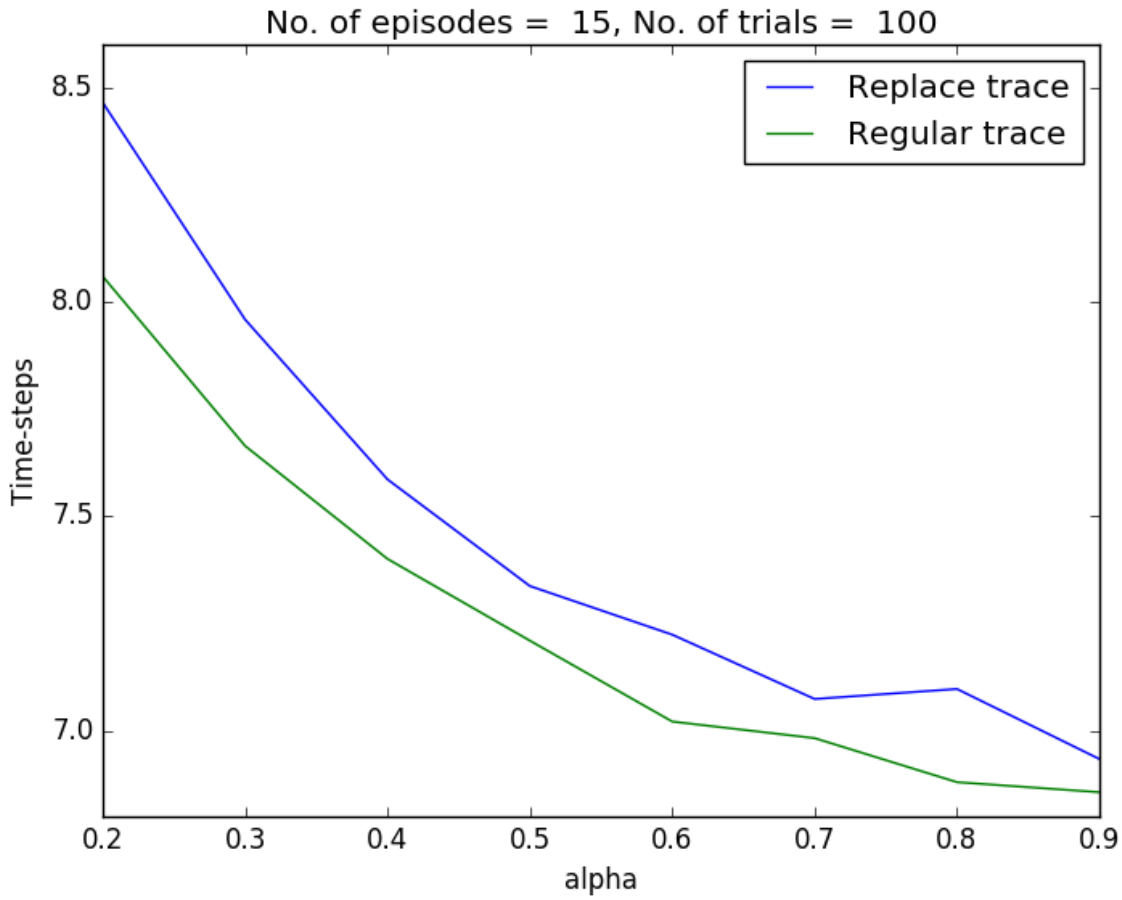
2. trials = 100
   episodes = 15
   lambda=0.9
   gamma=0.9
   epsilon=0.1



3. trials = 100
   episodes = 15
   lambda=0.9
   gamma=0.75
   epsilon=0.1



4. trials = 100
   episodes = 15
   lambda=0.9
   gamma=0.3
   epsilon=0.1



We can clearly see in the graph as we decrease gamma, the time steps required to reach terminal state from both the methods, is getting lesser.
Note: eventually if we reduce gamma further, the results get saturated, as in example 3 and 4.

Moreover, for higher values of alpha regular trace method is performing better than replacing trace method.