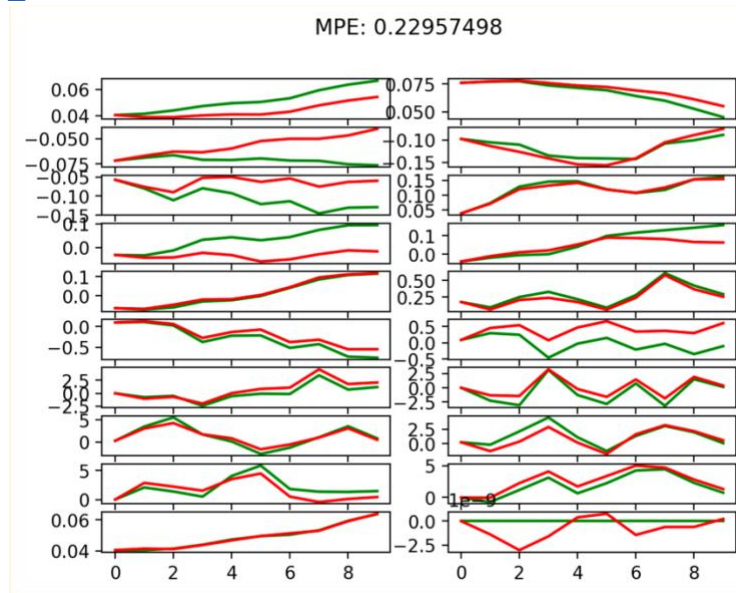


Homework 4 Report

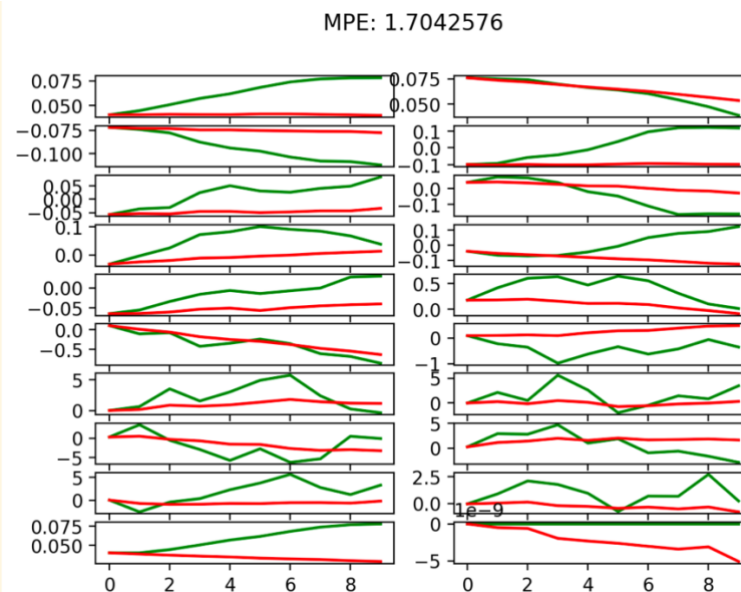
Alejandro Escontrela

Question 1

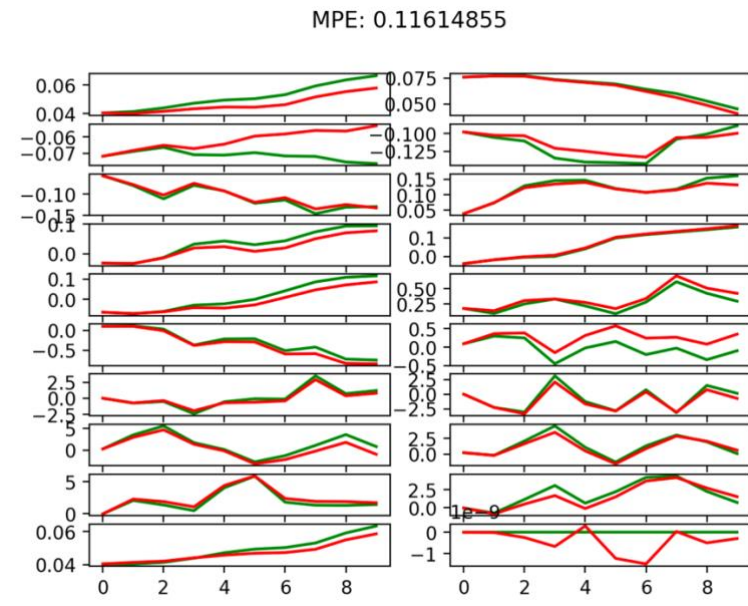
q1_cheetah_n500_arch1x32



q1_cheetah_n5_arch2x250

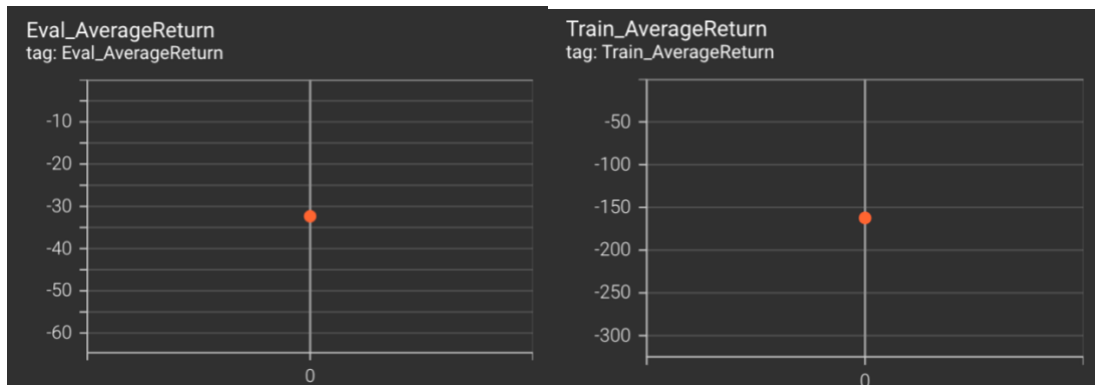


q1_cheetah_n500_arch2x250

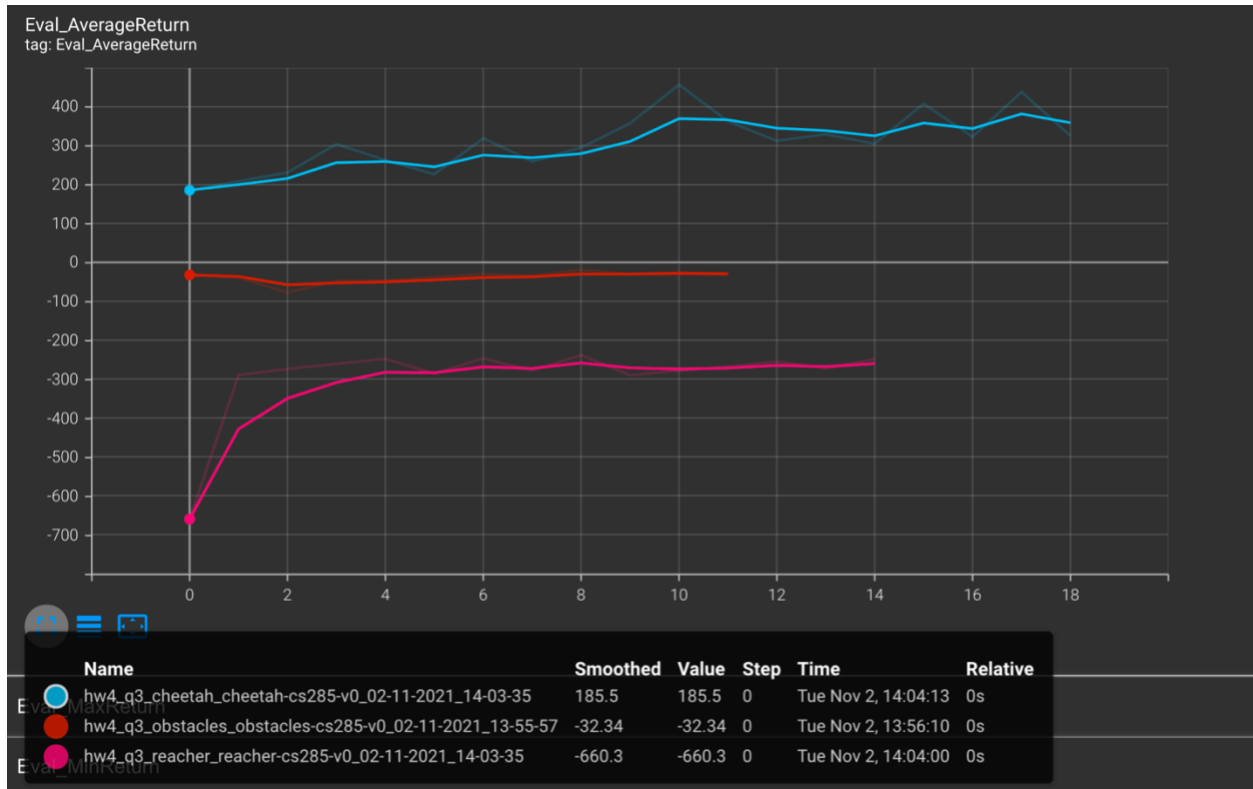


The best performing model uses both the highest amount of iterations as well as the deepest architecture. This is likely because a great deal of representation capacity is required to model the dynamics well.

Question 2

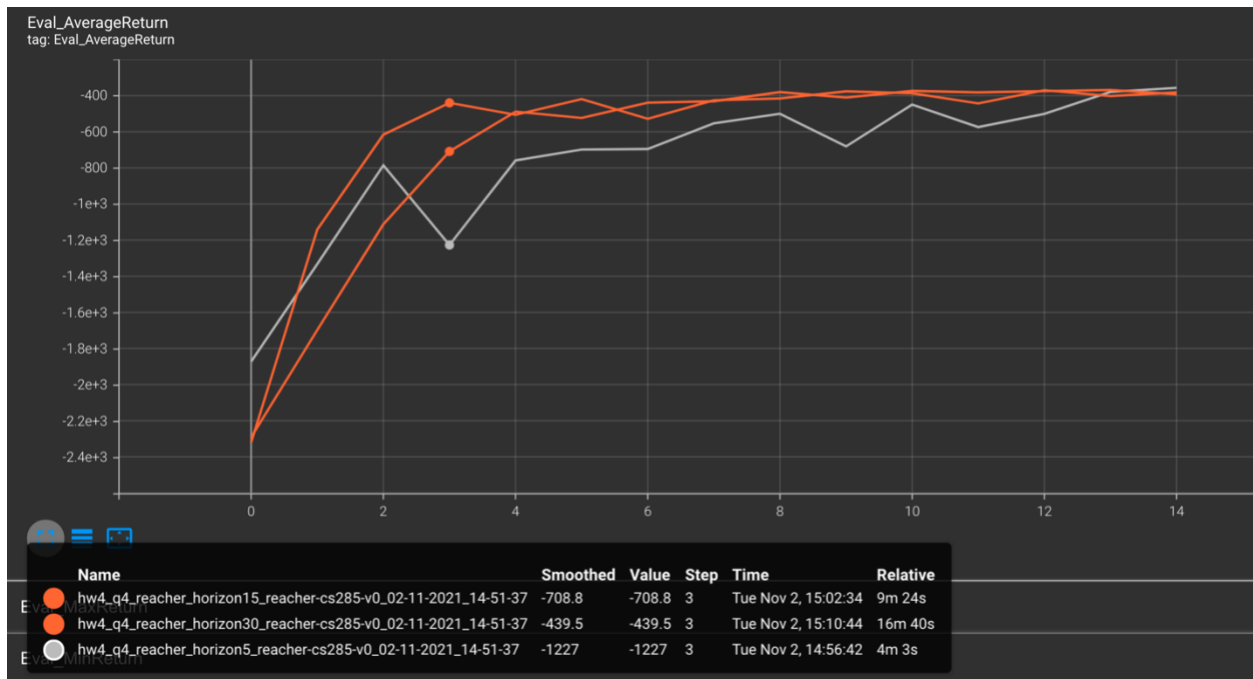


Question 3



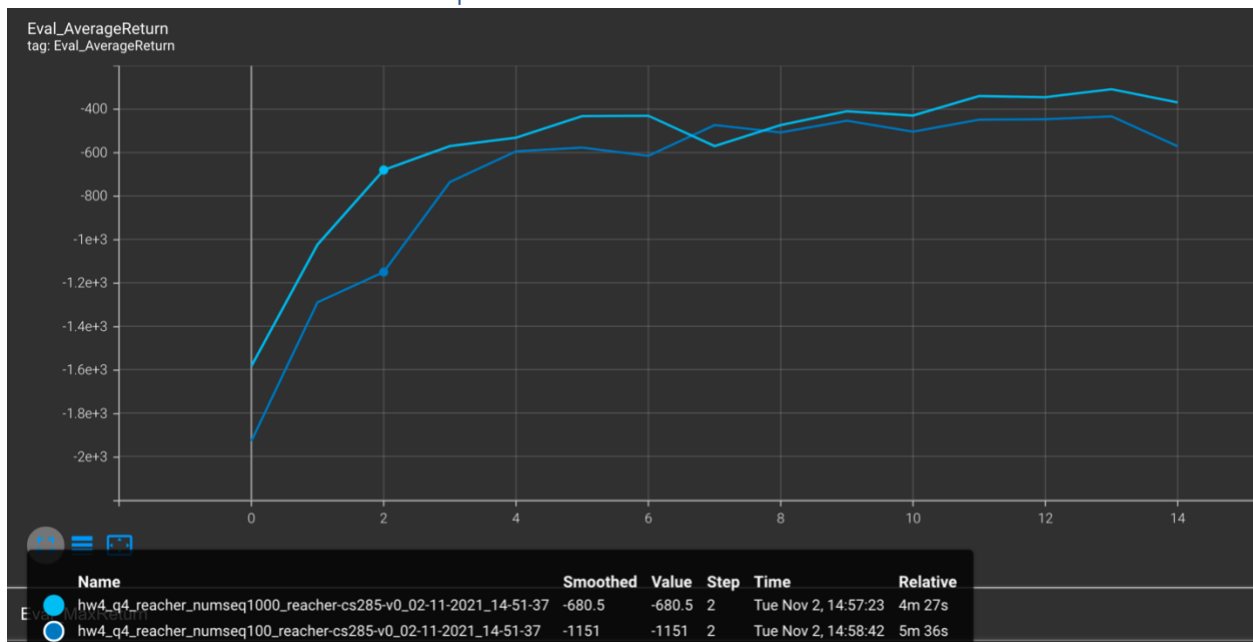
Question 4

Horizon



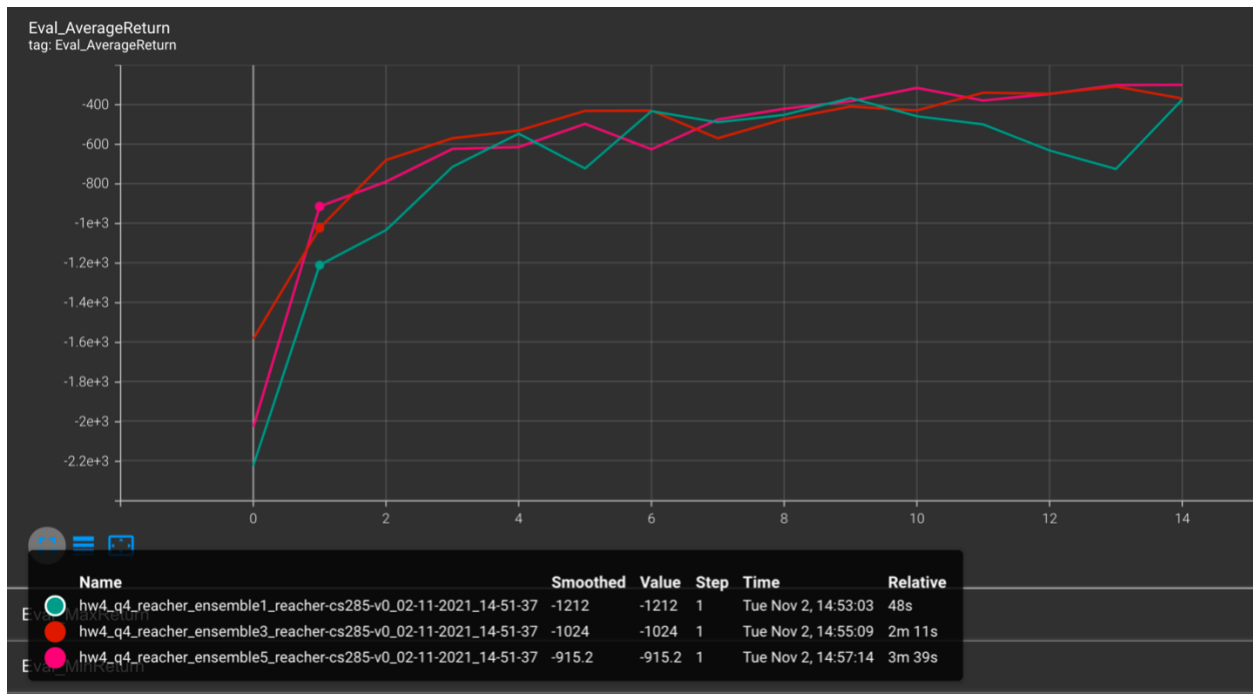
Longer horizon leads to slightly better performance

Number of Candidate Action Sequences



More candidate action sequences results in better performance early on

Number of Ensembles



A higher number of ensembles slightly stabilizes learning

Question 5

