

# Assignment 1: Imitation Learning

## 1 Behavioral Cloning

2.

| Tasks    | Eval Mean | Eval Std | Train Mean | Train Std |
|----------|-----------|----------|------------|-----------|
| Ant      | 2496      | 235.8    | 4714       | 12.2      |
| Humanoid | 264.4     | 49.51    | 10345      | 20.98     |

Table. 1: Performance of Behavioral Cloning on Different Tasks

3.



Figure. 1: Mean

I choose the number of training steps per iteration because it is an important hyperparameter, which can significantly affect the performance.

## 2 DAgger

2.

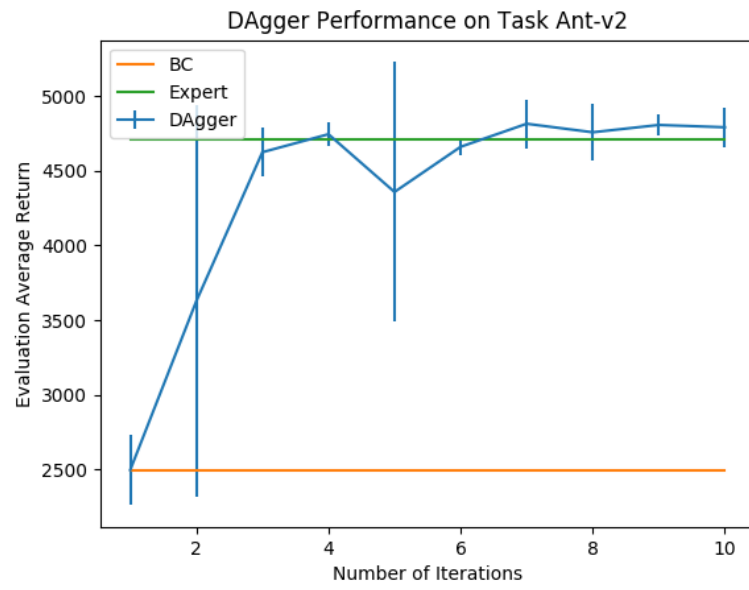


Figure. 2: Performance of DAgger on Ant-v2 (Used Default Setting with Eval Batch Size=5000)