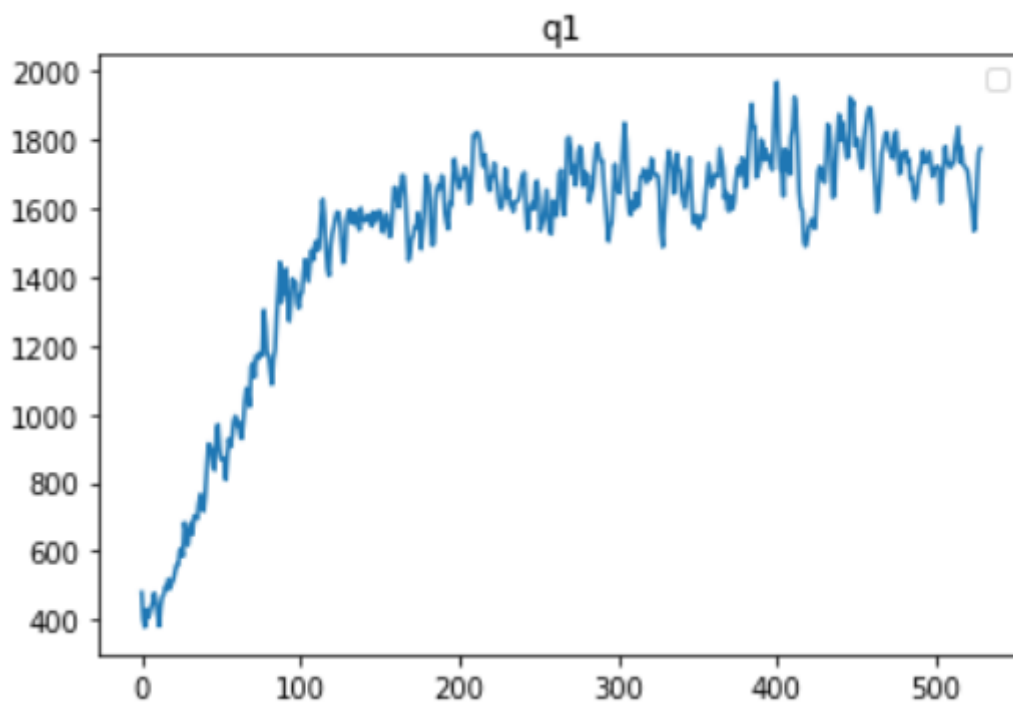


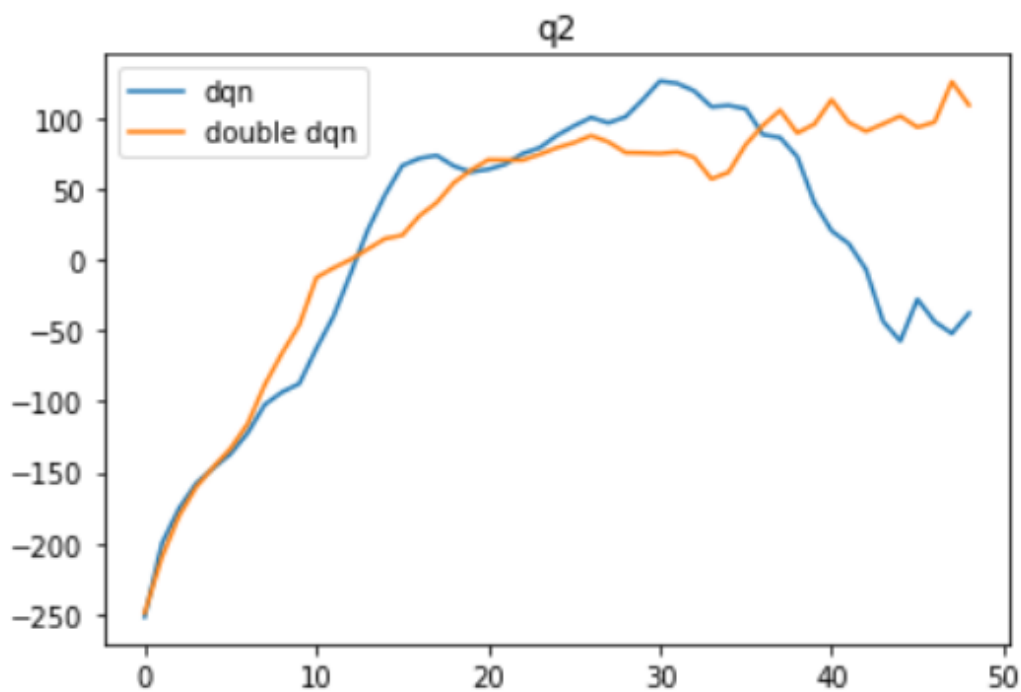
## q1

---



## q2

---

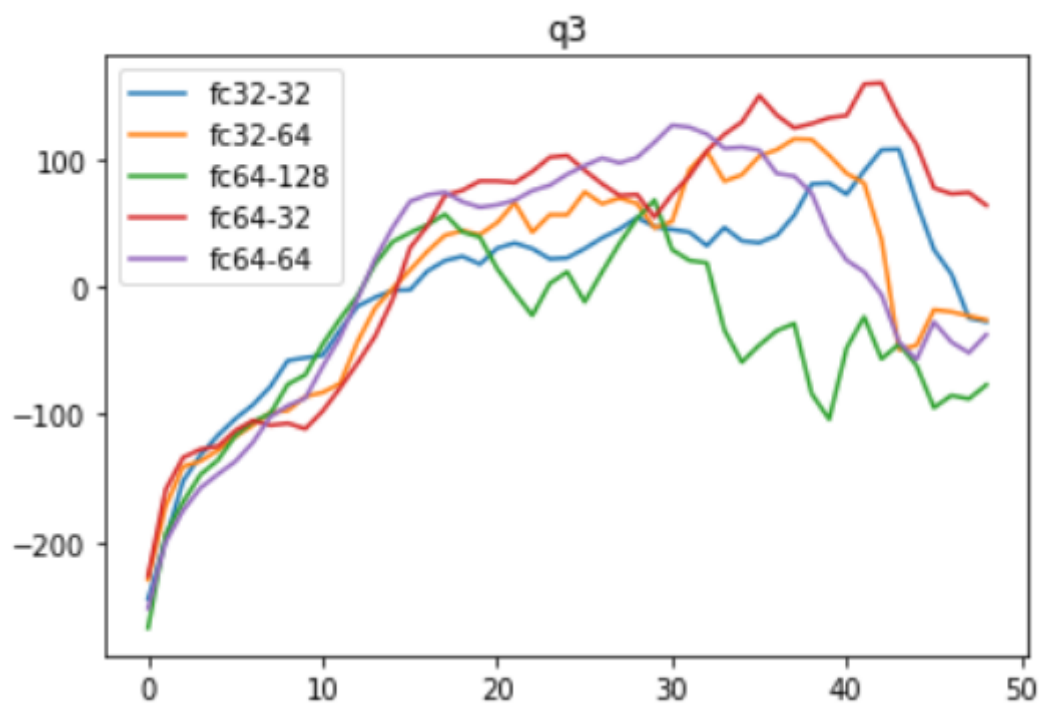


## q3

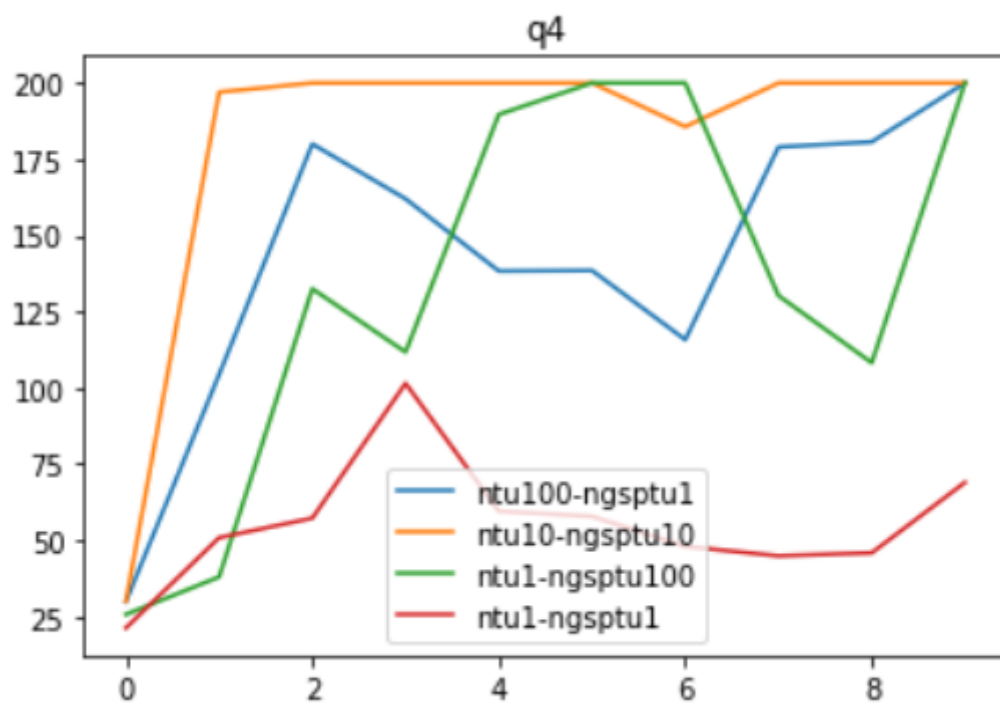
---

Experiment on different neural network architectures by changing the input and output size of hidden layers. fc64-64 is the default in q2.

```
def create_lander_q_network(ob_dim, num_actions):
    return nn.Sequential(
        nn.Linear(ob_dim, 64),
        nn.ReLU(),
        nn.Linear(64, 64),
        nn.ReLU(),
        nn.Linear(64, num_actions),
    )
```



q4



The best setting is that number of target updates and number of gradient updates are both 10.