

QLearning Agent Report

Question 6 (1 point)

Test your QLearning Agent against each of the provided agents 50 times and report on the results – how many games they won, lost & drew against each of the other rule-based agents. The rule-based agents are random, aggressive and defensive.

Results

- Against **random** agent: Wins: 48 Losses: 1 Draws: 1
- Against **aggressive** agent: Wins: 48 Losses: 1 Draws: 1
- Against **defensive** agent: Wins: 35 Losses: 0 Draws: 15

The results always vary, and the class never completely passes the JUnit tests (it may pass one or two tests out of three). The results above are the best I got when testing it.