

Policy Iteration Agent Report

Question 4 (1 point)

Test your Policy Iteration 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: 50 Losses: 0 Draws: 0
- Against **aggressive** agent: Wins: 50 Losses: 0 Draws: 0
- Against **defensive** agent: Wins: 42 Losses: 0 Draws: 8

The results slightly vary sometimes, but the class always passes the JUnit tests. I have also noticed that my Policy Iteration agent is always faster than my Value Iteration Agent.