

Test 1: Same Tree Size

Player 1 = 100 nodes/tree

Player 2 = 100 nodes/tree

Final win counts: {'draw': 0, 1: 47, 2: 53}

1310.7181829999972 seconds

Test 2: Greater Tree Size

Player 1 = 100 nodes/tree

Player 2 = 200 nodes/tree

Final win counts: {'draw': 2, 1: 30, 2: 68}

1645.0382408000005 seconds

Test 3: Lesser Tree Size

Player 1 = 100 nodes/tree

Player 2 = 75 nodes/tree

Final win counts: {'draw': 0, 1: 63, 2: 37}

1065.3124200999955 seconds

Test 4: Tree Size 1000

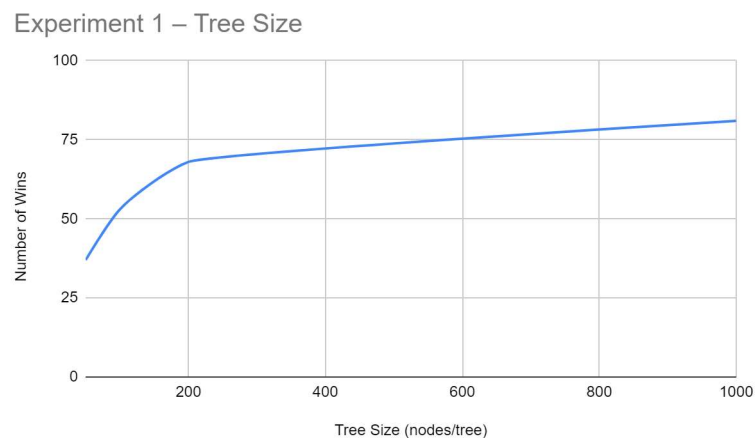
Player 1 = 100 nodes/tree

Player 2 = 1000 nodes/tree

Final win counts: {'draw': 0, 1: 19, 2: 81}

4034.2422385000027 seconds

Summary:



As the tree size gets larger, the win rate increases logarithmically.