

Heuristic_1 test A

Evaluating: ID_Improved

Playing Matches:

Match 1: ID_Improved vs Random	Result: 18 to 2
Match 2: ID_Improved vs MM_Null	Result: 16 to 4
Match 3: ID_Improved vs MM_Open	Result: 14 to 6
Match 4: ID_Improved vs MM_Improved	Result: 15 to 5
Match 5: ID_Improved vs AB_Null	Result: 16 to 4
Match 6: ID_Improved vs AB_Open	Result: 11 to 9
Match 7: ID_Improved vs AB_Improved	Result: 15 to 5

Results:

ID_Improved 75.00%

Evaluating: Student

Playing Matches:

Match 1: Student vs Random	Result: 18 to 2
Match 2: Student vs MM_Null	Result: 19 to 1
Match 3: Student vs MM_Open	Result: 12 to 8
Match 4: Student vs MM_Improved	Result: 13 to 7
Match 5: Student vs AB_Null	Result: 16 to 4
Match 6: Student vs AB_Open	Result: 12 to 8
Match 7: Student vs AB_Improved	Result: 11 to 9

Results:

Student 72.14%

Heuristic_2 test A

Evaluating: ID_Improved

Playing Matches:

Match 1: ID_Improved vs Random	Result: 19 to 1
Match 2: ID_Improved vs MM_Null	Result: 14 to 6
Match 3: ID_Improved vs MM_Open	Result: 9 to 11
Match 4: ID_Improved vs MM_Improved	Result: 10 to 10
Match 5: ID_Improved vs AB_Null	Result: 14 to 6
Match 6: ID_Improved vs AB_Open	Result: 10 to 10
Match 7: ID_Improved vs AB_Improved	Result: 12 to 8

Results:

ID_Improved 62.86%

Evaluating: Student

Playing Matches:

Match 1: Student vs Random Result: 18 to 2

tournament.py:100: UserWarning: One or more agents lost a match this round due to timeout. The get_move() function must return before time_left() reaches 0 ms. You will need to leave some time for the function to return, and may need to increase this margin to avoid timeouts during tournament play.

warnings.warn(TIMEOUT_WARNING)

Match 2: Student vs MM_Null	Result: 14 to 6
Match 3: Student vs MM_Open	Result: 12 to 8
Match 4: Student vs MM_Improved	Result: 12 to 8
Match 5: Student vs AB_Null	Result: 15 to 5
Match 6: Student vs AB_Open	Result: 12 to 8
Match 7: Student vs AB_Improved	Result: 16 to 4

Heuristic_3 test A

Evaluating: ID_Improved

Playing Matches:

Match 1: ID_Improved vs Random Result: 20 to 0
tournament.py:100: UserWarning: One or more agents lost a match this round due to timeout. The get_move() function must return before time_left() reaches 0 ms. You will need to leave some time for the function to return, and may need to increase this margin to avoid timeouts during tournament play.

warnings.warn(TIMEOUT_WARNING)

Match 2: ID_Improved vs MM_Null Result: 15 to 5
Match 3: ID_Improved vs MM_Open Result: 12 to 8
Match 4: ID_Improved vs MM_Improved Result: 5 to 15
Match 5: ID_Improved vs AB_Null Result: 13 to 7
Match 6: ID_Improved vs AB_Open Result: 13 to 7
Match 7: ID_Improved vs AB_Improved Result: 11 to 9

Results:

ID_Improved 63.57%

Evaluating: Student

Playing Matches:

Match 1: Student vs Random Result: 18 to 2
Match 2: Student vs MM_Null Result: 15 to 5
Match 3: Student vs MM_Open Result: 12 to 8
Match 4: Student vs MM_Improved Result: 8 to 12
Match 5: Student vs AB_Null Result: 16 to 4
Match 6: Student vs AB_Open Result: 13 to 7
Match 7: Student vs AB_Improved Result: 12 to 8

Results:

Student 67.14%

Heuristic_4 test A

Evaluating: ID_Improved

Playing Matches:

tournament.py:100: UserWarning: One or more agents lost a match this round due to timeout. The get_move() function must return before time_left() reaches 0 ms. You will need to leave some time for the function to return, and may need to increase this margin to avoid timeouts during tournament play.

warnings.warn(TIMEOUT_WARNING)

Match 1: ID_Improved vs Random	Result: 16 to 4
Match 2: ID_Improved vs MM_Null	Result: 18 to 2
Match 3: ID_Improved vs MM_Open	Result: 11 to 9
Match 4: ID_Improved vs MM_Improved	Result: 12 to 8
Match 5: ID_Improved vs AB_Null	Result: 14 to 6
Match 6: ID_Improved vs AB_Open	Result: 13 to 7
Match 7: ID_Improved vs AB_Improved	Result: 13 to 7

Results:

ID_Improved 69.29%

Evaluating: Student

Playing Matches:

Match 1: Student vs Random	Result: 17 to 3
Match 2: Student vs MM_Null	Result: 18 to 2
Match 3: Student vs MM_Open	Result: 11 to 9
Match 4: Student vs MM_Improved	Result: 9 to 11
Match 5: Student vs AB_Null	Result: 13 to 7
Match 6: Student vs AB_Open	Result: 13 to 7
Match 7: Student vs AB_Improved	Result: 11 to 9

Results:

Student 65.71%

Heuristic_5 test A

Evaluating: ID_Improved

Playing Matches:

Match 1: ID_Improved vs	Random	Result: 19 to 1
Match 2: ID_Improved vs	MM_Null	Result: 16 to 4
Match 3: ID_Improved vs	MM_Open	Result: 10 to 10
Match 4: ID_Improved vs	MM_Improved	Result: 10 to 10
Match 5: ID_Improved vs	AB_Null	Result: 12 to 8
Match 6: ID_Improved vs	AB_Open	Result: 13 to 7
Match 7: ID_Improved vs	AB_Improved	Result: 10 to 10

Results:

ID_Improved 64.29%

Evaluating: Student

Playing Matches:

Match 1: Student vs	Random	Result: 19 to 1
Match 2: Student vs	MM_Null	Result: 17 to 3
Match 3: Student vs	MM_Open	Result: 13 to 7
Match 4: Student vs	MM_Improved	Result: 9 to 11
Match 5: Student vs	AB_Null	Result: 16 to 4
Match 6: Student vs	AB_Open	Result: 12 to 8
Match 7: Student vs	AB_Improved	Result: 11 to 9

Results:

Student 69.29%

Heuristic_6 test A

Evaluating: ID_Improved

Playing Matches:

Match 1: ID_Improved vs	Random	Result: 20 to 0
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Match 2: ID_Improved vs MM_Null	Result: 13 to 7
Match 3: ID_Improved vs MM_Open	Result: 15 to 5
Match 4: ID_Improved vs MM_Improved	Result: 11 to 9
Match 5: ID_Improved vs AB_Null	Result: 14 to 6
Match 6: ID_Improved vs AB_Open	Result: 11 to 9
Match 7: ID_Improved vs AB_Improved	Result: 13 to 7

Results:

ID_Improved 69.29%

Evaluating: Student

Playing Matches:

Match 1: Student vs Random	Result: 19 to 1
Match 2: Student vs MM_Null	Result: 19 to 1
Match 3: Student vs MM_Open	Result: 13 to 7
Match 4: Student vs MM_Improved	Result: 14 to 6
Match 5: Student vs AB_Null	Result: 15 to 5
Match 6: Student vs AB_Open	Result: 14 to 6
Match 7: Student vs AB_Improved	Result: 16 to 4

Results:

Student 78.57%

Heuristic_1 test B

Evaluating: ID_Improved

Playing Matches:

Match 1: ID_Improved vs Random	Result: 19 to 1
Match 2: ID_Improved vs MM_Null	Result: 17 to 3
Match 3: ID_Improved vs MM_Open	Result: 9 to 11
Match 4: ID_Improved vs MM_Improved	Result: 12 to 8
Match 5: ID_Improved vs AB_Null	Result: 15 to 5
Match 6: ID_Improved vs AB_Open	Result: 15 to 5
Match 7: ID_Improved vs AB_Improved	Result: 11 to 9

Results:

ID_Improved 70.00%

Evaluating: Student

Playing Matches:

Match 1:	Student	vs	Random	Result: 19 to 1
Match 2:	Student	vs	MM_Null	Result: 17 to 3
Match 3:	Student	vs	MM_Open	Result: 14 to 6
Match 4:	Student	vs	MM_Improved	Result: 13 to 7
Match 5:	Student	vs	AB_Null	Result: 13 to 7
Match 6:	Student	vs	AB_Open	Result: 11 to 9
Match 7:	Student	vs	AB_Improved	Result: 12 to 8

Results:

Student 70.71%

Heuristic_2 test B

Evaluating: ID_Improved

Playing Matches:

Match 1:	ID_Improved	vs	Random	Result: 19 to 1
Match 2:	ID_Improved	vs	MM_Null	Result: 14 to 6
Match 3:	ID_Improved	vs	MM_Open	Result: 13 to 7
Match 4:	ID_Improved	vs	MM_Improved	Result: 6 to 14
Match 5:	ID_Improved	vs	AB_Null	Result: 17 to 3
Match 6:	ID_Improved	vs	AB_Open	Result: 14 to 6
Match 7:	ID_Improved	vs	AB_Improved	Result: 13 to 7

Results:

ID_Improved 68.57%

Evaluating: Student

Playing Matches:

Match 1:	Student	vs	Random	Result: 17 to 3
Match 2:	Student	vs	MM_Null	Result: 12 to 8
Match 3:	Student	vs	MM_Open	Result: 11 to 9
Match 4:	Student	vs	MM_Improved	Result: 12 to 8
Match 5:	Student	vs	AB_Null	Result: 17 to 3
Match 6:	Student	vs	AB_Open	Result: 13 to 7
Match 7:	Student	vs	AB_Improved	Result: 12 to 8

Results:

Student 67.14%

Heuristic_3 test B

Evaluating: ID_Improved

Playing Matches:

Match 1:	ID_Improved	vs	Random	Result: 19 to 1
Match 2:	ID_Improved	vs	MM_Null	Result: 16 to 4
Match 3:	ID_Improved	vs	MM_Open	Result: 13 to 7
Match 4:	ID_Improved	vs	MM_Improved	Result: 9 to 11
Match 5:	ID_Improved	vs	AB_Null	Result: 17 to 3
Match 6:	ID_Improved	vs	AB_Open	Result: 15 to 5
Match 7:	ID_Improved	vs	AB_Improved	Result: 11 to 9

Results:

ID_Improved 71.43%

Evaluating: Student

Playing Matches:

Match 1:	Student	vs	Random	Result: 18 to 2
Match 2:	Student	vs	MM_Null	Result: 18 to 2
Match 3:	Student	vs	MM_Open	Result: 9 to 11
Match 4:	Student	vs	MM_Improved	Result: 10 to 10
Match 5:	Student	vs	AB_Null	Result: 11 to 9
Match 6:	Student	vs	AB_Open	Result: 10 to 10
Match 7:	Student	vs	AB_Improved	Result: 14 to 6

Results:

Student 64.29%

Heuristic_4 test B

Evaluating: ID_Improved

Playing Matches:

Match 1:	ID_Improved	vs	Random	Result: 19 to 1
Match 2:	ID_Improved	vs	MM_Null	Result: 16 to 4
Match 3:	ID_Improved	vs	MM_Open	Result: 12 to 8
Match 4:	ID_Improved	vs	MM_Improved	Result: 12 to 8
Match 5:	ID_Improved	vs	AB_Null	Result: 17 to 3
Match 6:	ID_Improved	vs	AB_Open	Result: 15 to 5
Match 7:	ID_Improved	vs	AB_Improved	Result: 13 to 7

Results:

ID_Improved 74.29%

Evaluating: Student

Playing Matches:

Match 1: Student vs Random Result: 20 to 0
Match 2: Student vs MM_Null Result: 17 to 3
Match 3: Student vs MM_Open Result: 11 to 9
Match 4: Student vs MM_Improved Result: 12 to 8
Match 5: Student vs AB_Null Result: 19 to 1
Match 6: Student vs AB_Open Result: 13 to 7
Match 7: Student vs AB_Improved Result: 12 to 8

Results:

Student 74.29%

Heuristic_5 test B

Evaluating: ID_Improved

Playing Matches:

Match 1: ID_Improved vs Random Result: 18 to 2
Match 2: ID_Improved vs MM_Null Result: 17 to 3
Match 3: ID_Improved vs MM_Open Result: 12 to 8
Match 4: ID_Improved vs MM_Improved Result: 9 to 11
Match 5: ID_Improved vs AB_Null Result: 15 to 5
Match 6: ID_Improved vs AB_Open Result: 13 to 7
Match 7: ID_Improved vs AB_Improved Result: 12 to 8

Results:

ID_Improved 68.57%

Evaluating: Student

Playing Matches:

Match 1: Student vs Random Result: 17 to 3
Match 2: Student vs MM_Null Result: 18 to 2
Match 3: Student vs MM_Open Result: 12 to 8
Match 4: Student vs MM_Improved Result: 10 to 10

Match 5: Student vs AB_Null Result: 16 to 4
Match 6: Student vs AB_Open Result: 11 to 9
Match 7: Student vs AB_Improved Result: 10 to 10

Results:

Student 67.14%

Heuristic_6 test B

Evaluating: ID_Improved

Playing Matches:

Match 1: ID_Improved vs Random Result: 19 to 1
Match 2: ID_Improved vs MM_Null Result: 18 to 2
Match 3: ID_Improved vs MM_Open Result: 11 to 9
Match 4: ID_Improved vs MM_Improved Result: 6 to 14
Match 5: ID_Improved vs AB_Null Result: 16 to 4
Match 6: ID_Improved vs AB_Open Result: 12 to 8
Match 7: ID_Improved vs AB_Improved Result: 14 to 6

Results:

ID_Improved 68.57%

Evaluating: Student

Playing Matches:

Match 1: Student vs Random Result: 19 to 1
Match 2: Student vs MM_Null Result: 13 to 7
Match 3: Student vs MM_Open Result: 13 to 7
Match 4: Student vs MM_Improved Result: 11 to 9
Match 5: Student vs AB_Null Result: 15 to 5
Match 6: Student vs AB_Open Result: 15 to 5
Match 7: Student vs AB_Improved Result: 16 to 4

Results:

Student	72.86%
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