

This script evaluates the performance of the custom_score evaluation function against a baseline agent using alpha-beta search and iterative deepening (ID) called `AB_Improved`. The three `AB_Custom` agents use ID and alpha-beta search with the custom_score functions defined in game_agent.py.

 Playing Matches

Match #	Opponent	AB_Improved	AB_Custom	AB_Custom_2	AB_Custom_3
		Won Lost	Won Lost	Won Lost	Won Lost
1	Random	9 1	9 1	2 8	4 6
2	MM_Open	6 4	5 5	3 7	2 8
3	MM_Center	7 3	5 5	4 6	1 9
4	MM_Improved	5 5	4 6	0 10	3 7
5	AB_Open	5 5	8 2	1 9	0 10
6	AB_Center	10 0	9 1	8 2	8 2
7	AB_Improved	5 5	4 6	0 10	5 5

	Win Rate:	67.1%	62.9%	25.7%	32.9%