Using Pycharm’s cProfile profiler we obtain the time used by the findMove() method when playing a game with a player of depth two vs one of depth three. This was repeated 30 times for each method. Below is a boxplot containing the results.



Raw data:

AB:6463,7455,6153,4897,3822,6102,6899,6005,5099,7166,7645,7462,5749,4996,6750,8100,4469,6098,8315,7082,6602,5701,6735,6564,7265,5353,6071,5891,6594,4639

MM: 11344, 11436,15144, 13645, 9798, 18878, 10681, 11404,11455, 16420, 10583, 14361, 11985, 13023,14418,9882,10538,15464,9917,12109,13119,8726,16957,13795,11642,10923,12325,11749,8626,11634