

Some interesting results:

Training on full data:

Switch Cost = -2

average inning score over 1,000,000 innings:

random: -0.44435

McCann: -0.41237

AI catcher: -0.119801

1000 games record:

AI vs McCann: 898 to 102

AI vs Random: 894 to 106

McCann vs Random: 539 to 461

Switch Cost = -1

average inning score over 1,000,000 innings:

random: -0.526315

McCann: -0.410848

AI catcher: -0.120167

1000 games record:

AI vs McCann: 888 to 112

AI vs Random: 983 to 17

McCann vs Random: 833 to 167

Switch Cost = -0.5

average inning score over 1,000,000 innings:

random: -0.443433

McCann: -0.4122

AI catcher: -0.113789

1000 games record:

AI vs McCann: 891 to 109

AI vs Random: 918 to 82

McCann vs Random: 533 to 467

Switch Cost = -0.1

average inning score over 1,000,000 innings:

random: -0.442862

McCann: -0.413374

AI catcher: -0.101958

1000 games record:

AI vs McCann: 904 to 96

AI vs Random: 912 to 88

McCann vs Random: 546 to 454

Training on half data:

Switch Cost = -2

average inning score over 1,000,000 innings:

random: -0.444453

McCann: -0.443408

AI catcher: -0.411981

1000 games record:

AI vs McCann: 536 to 464

AI vs Random: 533 to 467

McCann vs Random: 515 to 485

Switch Cost = -1

average inning score over 1,000,000 innings:

random: -0.8272

McCann: -0.442701

AI catcher: -0.415281

1000 games record:

AI vs McCann: 541 to 459

AI vs Random: 819 to 181

McCann vs Random: 803 to 197

Switch Cost = -0.5

average inning score over 1,000,000 innings:

random: -0.443006

McCann: -0.442929

AI catcher: -0.413752

1000 games record:

AI vs McCann: 524 to 476

AI vs Random: 526 to 474

McCann vs Random: 512 to 488

Switch Cost = -0.1

average inning score over 1,000,000 innings:

random: -0.444999

McCann: -0.443964

AI catcher: -0.433207

1000 games record:

AI vs McCann: 523 to 477

AI vs Random: 490 to 510

McCann vs Random: 484, 516