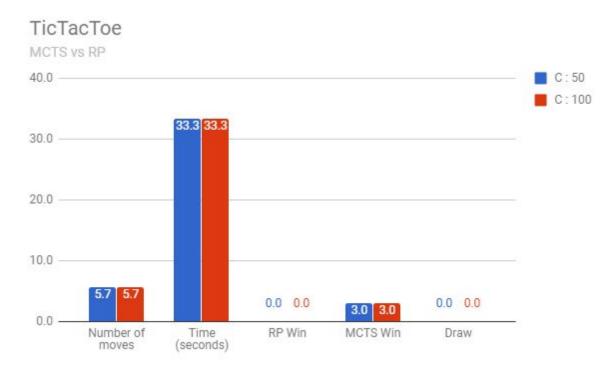


Reykjavík University Fall 2017 SC-T-732-GAPL General Game Playing

Monte Carlo Tree Search

Brynjar Sigurðsson Elías Ingi Elíasson Pétur Kristófer Oddsson Comparison on different C values [50, 100] and average score on three iterations, play clock 5 seconds, start clock 5 seconds and RP is random player.

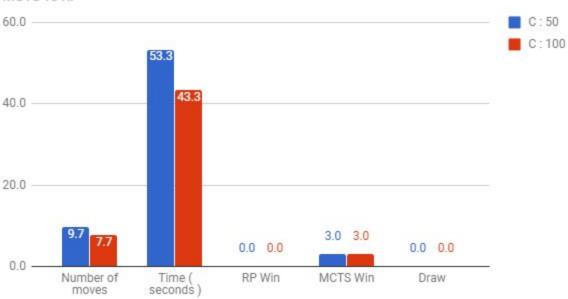






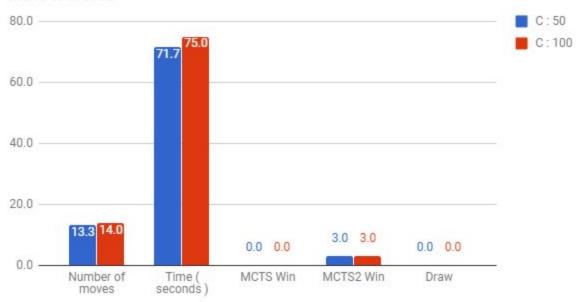
nim2





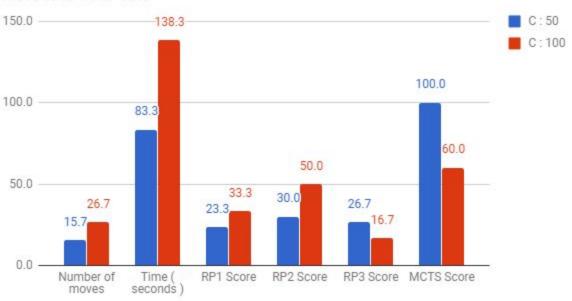
nim2

MCTS vs MCTS2



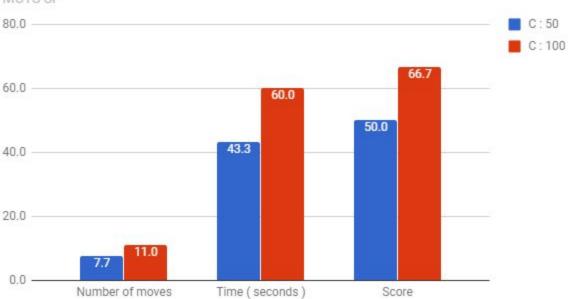
4pttc





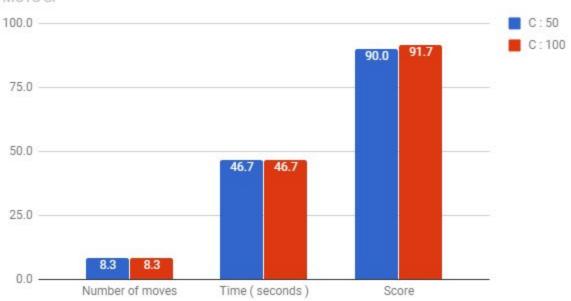
Asteroids





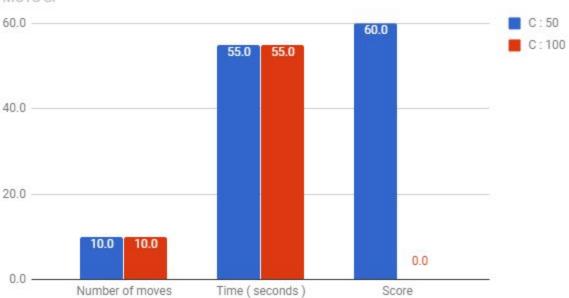
Pancakes





Queens

MCTS SP



Bidding TicTacToe



Bidding TicTacToe



There seems to be a pattern between lower C value and multiplayer games that improves the score value.