MCTS vs RP

TicTacToe Iterations	1#	2#	3#	4#	5#	6#		
C	50	50	50	100	100	100		
Play Clock	5	5	5	5	5	5		
Start Clock	5	5	5	5	5	5		
Number of moves	7	5	5	7	5	5		
Time (seconds)	40	30	30	40	30	30		
RP Win								0
MCTS Win	1	1	1	1	1	1		6
Draw								0

MCTS vs MCTS2

TicTacToe Iterations	1#	2#	3#	4#	5#	6#		
C	50	50	50	100	100	100		
Play Clock	5	5	5	5	5	5		
Start Clock	5	5	5	5	5	5		
Number of moves	9	9	9	9	9	9		
Time (seconds)	50	50	50	50	50	50		
MCTS Win								0
MCTS2 Win								0
Draw	1	1	1	1	1	1		6

MCTS single player

Asteroids Iterations	1#	2#	3#	4#	5#	6#
C	50	50	50	100	100	100
Play Clock	5	5	5	5	5	5
Start Clock	5	5	5	5	5	5
Number of moves	8	7	8	7	9	17
Time (seconds)	45	40	45	40	50	90
Score	50	50	50	50	50	100

MCTS single player

Pancakes Iterations	1#	2#	3#	4#	5#	6#	7#	
C	50	50	50	50	100	100	100	
Play Clock	5	5	5	5	5	5	5	
Start Clock	5	5	5	5	5	5	5	
Number of moves	7	9	9	11	11	7	7	
Time (seconds)	40	50	50		60	40	40	
Score	100	85	85	75	75	100	100	88.57142857

MCTS single player

Queens Iterations	1#	2#	3#	4#	5#	6#
C	50	50	50	100	100	100
Play Clock	5	5	5	5	5	5
Start Clock	5	5	5	5	5	5
Number of moves	10	10	10	10	10	10
Time (seconds)	55	55	55	55	55	55
Score	60	70	50	0	0	0

MCTS vs RP

Bidding TicTacToe	1#	2#	3#	4#	5#	6#	
C	50	50	50	100	100	100	
Play Clock	5	5	5	5	5	5	
Start Clock	5	5	5	5	5	5	
Number of moves	10	10	14	10	8	10	
Time (seconds)	55	55	75	55	45	55	
RP Win	0	0	0	0	0	0	0
MCTS Win	1	1	1	1	1	1	6
Draw	0	0	0	0	0	0	0

MCTS vs MCTS2

Bidding TicTacToe	1#	2#	3#	4#	5#	6#	
C	50	50	50	100	100	100	
Play Clock	5	5	5	5	5	5	
Start Clock	5	5	5	5	5	5	
Number of moves	8	8	8	8	10	8	
Time (seconds)	45	45	45	45	55	45	
MCTS Win	1	1	0	0	0	0	2
MCTS2 Win	0	0	1	1	1	1	4
Draw	0	0	0	0	0	0	0

MCTS vs RP

nim2 Iterations	1#	2#	3#	4#	5#	6#		
C	50	50	50	100	100	100		
Play Clock	5	5	5	5	5	5		
Start Clock	5	5	5	5	5	5		
Number of moves	9	11	9	9	7	7		
Time (seconds)	50	60	50	50	40	40		
RP Win								0
MCTS Win	1	1	1	1	1	1		6
Draw								0

MCTS vs MCTS2

nim2 Iterations	1#	2#	3#	4#	5#	6#		
C	50	50	50	100	100	100		
Play Clock	5	5	5	5	5	5		
Start Clock	5	5	5	5	5	5		
Number of moves	10	16	14	14	12	16		
Time (seconds)	55	85	75	75	65	85		
MCTS Win								0
MCTS2 Win	1	1	1	1	1	1		6
Draw								0

MCTS vs. RP

Breakthrough Iter	1#	2#	3#	
C	50	50	50	
Play Clock	5	5	5	
Start Clock	5	5	5	
Number of moves	53	67	67	
Time (seconds)	270	340	340	
MCTS score	100	100	100	100
RP score	0	0	0	0

MCTS vs RP1 vs RP2 vs RP3

4pttc Iterations	1	2	3	1	2	3	
C	50	50	50	100	100	100	
Play Clock	5	5	5	5	5	5	
Start Clock	5	5	5	5	5	5	
Number of moves	13	17	17	27	21	32	
Time (seconds)	70	90	90	140	110	165	
RP1 Score	30	30	10	50	20	30	28.3
RP2 Score	30	30	30	100	30	20	40
RP3 Score	20	30	30	10	20	20	21.7
MCTS Score	100	100	100	40	100	40	80
							0

4pttc : MCTS vs RP1 vs RP2 vs RP3 — Average score per player (RP1 Score 28.3, RP2 Score 40.0, RP3 Score 21.7, MCTS Score 80.0)

nim2 : MCTS vs MCTS2 — Number of wins (MCTS Win 0, MCTS2 Win 6, Draw 0)

nim2 : MCTS vs RP — Number of wins (RP Win 0, MCTS Win 6, Draw 0)