CA Non-linear Rule Replacement Analyzer Results

Summary Table

N	Target Max Cycle	Original Configuration	Positions Replaced	Combinations Tested	Maximal Configs Found	Maximal Configurations
4	15	90 150 90 150	1	8	2	• 90 30 90 150 • 90 75 90 150
4	15	150 150 90 150	1	8	2	• 150 150 210 150 • 150 150 225 150
5	31	150 150 90 90 90	1	8	0	None
5	31	90 150 150 90 90	1	8	0	None
5	31	150 150 150 90 90	1	8	0	None
5	31	90 90 150 150 90	1	8	0	None
5	31	150 150 150 150 90	1	8	2	• 150 150 75 150 90 • 150 150 210 150 90
5	31	90 90 90 90 150	2	64	0	None
5	31	150 150 90 90 150	1	8	0	None
5	31	90 90 90 150 150	2	64	0	None
5	31	90 90 150 150 150	1	8	0	None
5	31	90 150 150 150 150	1	8	0	None
6	63	90 150 150 90 90 90	1	8	0	None
6	63	150 90 150 90 150 90	1	8	0	None
6	63	90 150 150 90 150 90	1	8	2	• 90 30 150 90 150 90 • 90 75 150 90 150 90

N	Target Max Cycle	Original Configuration	Positions Replaced	Combinations Tested	Maximal Configs Found	Maximal Configurations
6	63	90 90 90 150 150 90	2	64	0	None
6	63	90 150 90 150 150 90	2	64	0	None
6	63	150 90 150 150 150 90	1	8	0	None
6	63	90 90 90 90 90 150	2	64	0	None
6	63	150 90 150 90 90 150	1	8	4	• 150 90 150 30 90 150 • 150 90 150 45 90 150 • 150 90 150 210 90 150 • 150 90 150 225 90 150
6	63	150 90 90 150 90 150	1	8	0	None
6	63	90 150 90 150 90 150	2	64	0	None
6	63	90 150 150 150 90 150	2	64	4	• 90 30 150 150 30 150 • 90 30 150 150 45 150 • 90 75 150 150 210 150 • 90 75 150 150 225 150
7	127	90 90 150 90 90 90 90	1	8	0	None
7	127	150 90 90 150 90 90 90	1	8	0	None
7	127	150 150 90 150 90 90 90	1	8	0	None
7	127	90 150 150 150 90 90 90	2	64	0	None
7	127	90 90 90 90 150 90 90	2	64	0	None
7	127	90 150 90 90 150 90 90	2	64	0	None
7	127	150 90 150 90 150 90 90	1	8	2	• 150 90 150 30 150 90 90 • 150 90 150 225 150 90 90
7	127	150 150 150 90 150 90 90	2	64	0	None

N	Target Max Cycle	Original Configuration	Positions Replaced	Combinations Tested	Maximal Configs Found	Maximal Configurations
7	127	90 90 150 90 90 150 90	1	8	0	None
7	127	90 150 150 90 90 150 90	1	8	0	None
7	127	150 150 90 150 90 150 90	1	8	0	None
7	127	90 150 150 150 90 150 90	2	64	0	None
7	127	90 150 90 90 150 150 90	2	64	0	None
7	127	150 150 150 90 150 150 90	2	64	0	None
7	127	90 90 90 150 150 150 90	2	64	0	None
7	127	90 150 90 150 150 150 90	2	64	0	None
7	127	150 90 150 150 150 150 90	1	8	0	None
7	127	90 150 90 90 90 90 150	3	512	0	None
7	127	150 90 150 90 90 90 150	2	64	8	• 150 90 150 30 90 30 150 • 150 90 150 30 90 45 150 • 150 90 150 45 90 30 150 • 150 90 150 45 90 45 150 • 150 90 150 210 90 30 150 • 150 90 150 210 90 45 150 • 150 90 150 225 90 30 150 • 150 90 150 225 90 45 150
7	127	150 150 150 90 90 90 150	2	64	0	None
7	127	90 90 90 150 90 90 150	3	512	0	None

N	Target Max Cycle	Original Configuration	Positions Replaced	Combinations Tested	Maximal Configs Found	Maximal Configurations
7	127	150 90 150 150 90 90 150	2	64	8	• 150 90 150 30 90 30 150 • 150 90 150 30 90 45 150 • 150 90 150 45 90 30 150 • 150 90 150 45 90 45 150 • 150 90 150 210 90 30 150 • 150 90 150 210 90 45 150 • 150 90 150 225 90 30 150 • 150 90 150 225 90 45 150
7	127	150 90 90 90 150 90 150	1	8	0	None
7	127	90 90 150 90 150 90 150	2	64	0	None
7	127	150 90 90 150 150 90 150	1	8	0	None
7	127	150 150 90 150 150 90 150	2	64	0	None
7	127	90 150 150 150 150 90 150	2	64	0	None
7	127	90 90 90 150 90 150 150	3	512	0	None
7	127	90 150 90 150 90 150 150	3	512	0	None
7	127	150 90 150 150 90 150 150	2	64	8	• 150 90 150 30 90 30 150 • 150 90 150 30 90 45 150 • 150 90 150 45 90 30 150 • 150 90 150 45 90 45 150 • 150 90 150 210 90 30 150 • 150 90 150 210 90 45 150 • 150 90 150 225 90 30 150 • 150 90 150 225 90 45 150
7	127	150 150 150 150 90 150 150	1	8	0	None

N	Target Max Cycle	Original Configuration	Positions Replaced	Combinations Tested	Maximal Configs Found	Maximal Configurations
7	127	150 90 90 90 150 150 150	1	8	0	None
7	127	90 90 150 90 150 150 150	2	64	0	None
7	127	90 150 150 90 150 150 150	2	64	0	None
7	127	150 150 90 150 150 150 150	2	64	0	None
8	255	90 150 150 90 90 90 90 90	1	8	0	None
8	255	150 150 150 150 90 90 90 90	1	8	0	None
8	255	90 150 90 150 90 150 90 90	3	512	0	None
8	255	150 90 150 150 90 150 90 90	2	64	0	None
8	255	90 150 150 90 150 150 90 90	2	64	0	None
8	255	150 90 90 150 150 150 90 90	1	8	0	None
8	255	150 90 150 90 90 90 150 90	2	64	0	None
8	255	150 150 90 150 90 90 150 90	1	8	0	None
8	255	90 90 150 90 150 90 150 90	2	64	0	None
8	255	150 150 90 150 150 90 150 90	2	64	0	None
8	255	150 90 150 150 150 90 150 90	1	8	0	None
8	255	150 150 150 150 150 90 150 90	2	64	0	None
8	255	90 90 90 90 90 150 150 90	3	512	0	None
8	255	90 90 150 150 90 150 150 90	2	64	0	None
8	255	150 150 150 90 150 150 150 90	2	64	0	None
8	255	150 150 90 90 150 90 90 150	3	512	0	None
8	255	90 90 150 150 150 90 90 150	3	512	0	None
8	255	90 150 90 90 90 150 90 150	3	512	0	None

N	Target Max Cycle	Original Configuration	Positions Replaced	Combinations Tested	Maximal Configs Found	Maximal Configurations
8	255	150 150 90 150 90 150 90 150	2	64	0	None
8	255	90 90 150 90 150 150 90 150	2	64	0	None
8	255	90 150 90 150 150 150 90 150	3	512	0	None
8	255	150 90 90 150 90 90 150 150	2	64	0	None
8	255	150 150 90 150 90 90 150 150	1	8	0	None
8	255	90 150 90 90 150 90 150 150	2	64	0	None
8	255	150 150 90 90 150 90 150 150	3	512	0	None
8	255	150 90 150 90 150 90 150 150	1	8	2	• 150 90 150 30 150 90 150 150 • 150 90 150 225 150 90 150 150
8	255	90 150 90 150 150 90 150 150	2	64	0	None
8	255	90 150 150 150 90 150 150 150	2	64	0	None
8	255	150 150 150 150 90 150 150 150	2	64	0	None
8	255	90 90 90 90 150 150 150 150	3	512	0	None
8	255	150 150 150 90 150 150 150 150	2	64	0	None
8	255	90 150 90 150 150 150 150 150	3	512	0	None

Statistics by N

N	Total Configs Tested	Configs with Maximal Results	Success Rate	Total Maximal Configs Found
4	2	2	100.0%	4
5	10	1	10.0%	2
6	11	3	27.3%	10
7	33	4	12.1%	26
8	32	1	3.1%	2