Conventional: before >> after

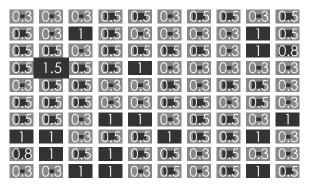
0.3 0.3 0.3 0.5 0.5 0.3 0.5 0.5 0.3 0.5 0.5 0.3 1 0.5 0.3 0.3 0.3 0.3 0.5 0.5 0.3 0.5 0.5 0.5 0.5 0.3 0.5 1.5 0.5 0.5 0.3 0.3 0.3 0.3 0.3 0.5 0.5 0.3 0.3 0.5 0.3 0.5 0.5 0.3 **0.5 0.5 0.5 0.3 0.3 0.5 0.5 0.3** 0.5 0.5 0.3 0.3 0.5 0.5 0.3 1 0.3 0.5 0.5 0.5 0.8 1 0.5 0.5 0.5 0.3 0.5 0.3 0.3 0.3 0.3 1 1 0.3 0.5 0.3 0.5

fitness: 0.009 cooked: none raw: none migrations: 0

0.3	0.3	0.3	0.5	0.5	0.3	0.5	0.5	0.3	0.5
0.5	0.3	0.3	0.5	0.3	0.3	0.3	0.3	0.3	0.5
0.5	0.5	0.3	0.5	0.5	0.5	0.5	0.3	0.3	8.0
0.5	8.0	0.5	0.5	0.3	0.3	0.3	0.3	0.3	0.3
0.3	0.5	0.5	0.3	0.3	0.5	0.3	0.5	0.5	0.3
0.5	0.5	0.5	0.3	0.3	0.5	0.5	0.3	0.5	0.3
0.5	0.5	0.3	0.3	0.3	0.3	0.5	0.5	0.3	0.3
0.3	0.3	0.3	0.5	0.5	0.3	0.5	0.5	0.3	0.3
8.0	0.3	0.5	0.3	0.5	0.5	0.3	0.5	0.3	0.3
0.3	0.3	0.3	0.3	0.3	0.5	0.3	0.5	0.3	0.5

fitness: 0.009 cooked: none raw: none migrations: 0

Brutal: before >> after



0.3 0.3 0.3 0.5 0.5 0.3 0.5 0.5 0.3 0.5 0.5 0.3 0.3 0.5 0.3 0.3 0.3 0.3 0.5 0.5 0.5 0.3 0.5 0.5 0.5 0.5 0.3 0.3 0.5 0.5 0.5 0.3 0.3 0.3 0.3 0.3 0.3 0.3 0.5 0.3 0.3 0.5 0.3 0.5 0.5 0.3 0.5 0.3 0.3 0.3 0.5 0.5 0.3 0.3 0.3 0.5 0.5 0.3 0.5 0.5 0.3 0.3 0.5 0.3 0.5 0.5 0.3 0.5 0.3 0.3 0.3 0.3 0.3 0.3 0.5 0.3 0.5 0.3 0.5

Opportunistic: before >> after

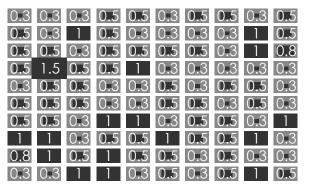
0.3 0.3 0.3 0.5 0.5 0.3 0.5 0.5 0.3 0.5 0.5 0.3 1 0.5 0.3 0.3 0.3 0.3 0.5 0.5 0.5 0.3 0.5 0.5 0.5 0.5 0.3 1.5 0.5 0.5 0.3 0.3 0.3 0.3 0.3 0.5 0.5 0.3 0.3 0.5 0.3 0.5 0.5 0.5 0.5 0.3 0.3 0.5 0.5 0.3 0.5 0.5 0.5 0.3 1 0.3 0.5 1 0.3 0.5 0.5 1 0.5 0.5 1 0.5 1 0.5 0.5 0.3 0.5 0.3 0.3 1 1 0.3 0.5 0.3 0.5

fitness: 0.008 cooked: M1(0) M2(0.62) M3(0) M4(0) raw: M1(5.4) M2(822) M3(18) M4(0.17) migrations: 1

0.3	8.0	0.3	0.5	0.5	0.3	0.5	0.5	0.3	8.0
0.5	0.3		0.5	0.3	0.3	0.3	0.3		0.5
0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.3		8.0
8.0		0.5	0.5		0.5	0.3	0.5	0.3	0.3
			0.3						
			0.3			8.0	0.3	0.5	0.3
0.5	0.5					0.5	0.5	0.5	
		0.3	0.5	8.0		0.5	0.5		0.3
8.0		0.5					0.5		
0.3	0.3			0.3	8.0	0.5	8.0		0.5

fitness: 0.009 cooked: none raw: none migrations: 0

Minimal: before >> after



					_		
0.3 0.3	0.3 0.5	0.5	0.3	0.5	0.5	0.3	0.5
0.5 0.3	0.3 0.5	0.3	0.3	0.3	0.3	0.3	0.5
0.5 0.5	0.3 0.5	0.5	0.5	0.5	0.3	0.3	8.0
0.5 0.8	0.5	0.3	0.3	0.3	0.3	0.3	0.3
0.3 0.5	0.5	0.3	0.5	0.3	0.5	0.5	0.3
0.5 0.5	0.5	0.3	0.5	0.5	0.3	0.5	0.3
0.5 0.5	0.3	0.3	0.3	0.5	0.5	0.3	0.3
0.3 0.3	0.3 0.5	0.5	0.3	0.5	0.5	0.3	0.3
0.8	0.5	0.5	0.5	0.3	0.5	0.3	0.3
0.3 0.3	0.3 0.3	0.3	0.5	0.3	0.5	0.3	0.5

Conventional: before >> after

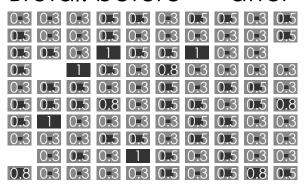
 0.3
 0.3
 0.3
 0.5
 0.5
 0.3
 0.5
 0.5
 0.5
 0.5
 0.5
 0.5
 0.5
 0.5
 0.5
 0.5
 0.5
 0.5
 0.5
 0.5
 0.5
 0.5
 0.5
 0.5
 0.5
 0.5
 0.5
 0.5
 0.5
 0.5
 0.5
 0.5
 0.5
 0.5
 0.5
 0.5
 0.5
 0.5
 0.5
 0.5
 0.5
 0.5
 0.5
 0.5
 0.5
 0.5
 0.5
 0.5
 0.5
 0.5
 0.5
 0.5
 0.5
 0.5
 0.5
 0.5
 0.5
 0.5
 0.5
 0.5
 0.5
 0.5
 0.5
 0.5
 0.5
 0.5
 0.5
 0.5
 0.5
 0.5
 0.5
 0.5
 0.5
 0.5
 0.5
 0.5
 0.5
 0.5
 0.5
 0.5
 0.5
 0.5
 0.5
 0.5
 0.5
 0.5
 0.5
 0.5
 0.5
 0.5
 0.5
 0.5
 0.5
 0.5
 0.5
 0.5
 0.5</td

fitness: 0.009 cooked: none raw: none migrations: 0

0.3	0.3 0.5	0.5	0.3	0.5	0.5	0.3	0.5
0.5	0.3 0.5	0.3	0.3	0.3	0.3	0.3	0.5
0.5	0.3 0.3	0.5	0.5	0.3	0.3	0.3	0.3
0.5	0.3 0.5	0.3	8.0	0.3	0.3	0.3	0.3
0.3 0.5	0.5 0.3	0.3	0.5	0.3	0.5	0.5	0.3
0.5	0.5 0.8	0.3	0.5	0.5	0.3	0.5	8.0
0.5 0.3	0.3 0.3	0.3	0.3	0.5	0.5	0.3	0.3
0.3	0.3 0.5	0.5	0.3	0.5	0.5	0.3	0.3
0.3	0.5 0.3	0.3	0.5	0.3	0.5	0.3	0.3
0.8	0.3 0.3	0.3	0.5	0.3	0.5	8.0	0.5

fitness: -0.491 cooked: none raw: none migrations: 0

Brutal: before >> after



0.3 0.3 0.5 0.5 0.3 0.5 0.5 0.5 0.3 0.3 0.5 0.3 0.3 0.3 0.3 0.3 0.5 0.3 0.3 0.5 0.5 0.3 0.3 0.5 0.30.3 0.5 0.5 0.3 0.50.3 0.5 0.5 0.5 0.3 0.5 0.3 0.3 0.3 0.3 0.3 0.5 0.3 0.3 0.5 0.3 0.5 0.3 0.3 0.3 0.3 0.5 0.3 0.5 0.5

Opportunistic: before >> after

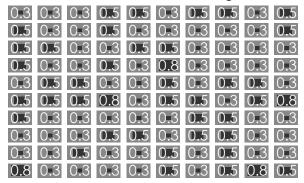
0.3	8.0	0.3	0.5	0.5	0.3	0.5	0.5	0.3	8.0
				0.3					
0.5	0.5	0.5	1	0.5	0.5	1	0.3		0.3
8.0		1	0.5		1	0.3	0.5	0.3	0.3
0.3	0.5	0.5	0.3	0.3	0.5	0.3	0.5	0.5	0.3
			8.0						8.0
0.5	1	0.5			0.3	0.5	0.5	0.5	
		0.3	0.5	8.0		0.5	0.5		0.3
0.3		0.5		1	8.0	0.3	0.5	0.3	0.3
0.8	0-3			0 - 3	1.3	0.5	0.8		0.5

fitness: -0.496 cooked: M1(0) M2(0.23) M3(0) M4(1) raw: M1(3.66) M2(317) M3(7) M4(0.24) migrations: 1

0.3	8 0.3	0.5	0.5	0.3	0.5	0.5	0.3	8.0
0.5 0.	3	0.5	0.3	0.3	0.3	0.3		0.5
0.5 0.	5 0.5		0.5	0.5		0.3		0.3
8.0							0.3	
0.3 0.	5 0.5	0.3	0.3	0.5	0.3	0.5	0.5	0.3
0.5	8 0.5	8.0	0.3					8.0
0.5	0.5			0.3	0.5	0.5	0.5	
	0.3	0.5	8.0		0.5	0.5		0.3
0.3	0.5			8.0	8.0	8.0	0.3	0.5
0.8	8		0.5		0.5	8.0		8.0

Minimal: before >> after

0.3	0.3	0.3	0.5	0.5	0.3	0.5	0.5	0.3	0.5
0.5	0.3	0.3	0.5	0.3	0.3	0.3	0.3	0.3	0.5
0.5	0.5	0.3	1	0.5	0.5	1	0.3	0.3	0.3
0.5	0.3	1	0.5	0.3	8.0	0.3	0.3	0.3	0.3
0.3	0.5	0.5	0.3	0.3	0.5	0.3	0.5	0.5	0.3
0.5	0.5	0.5	8.0	0.3	0.5	0.5	0.3	0.5	8.0
0.5	1	0.3	0.3	0.3	0.3	0.5	0.5	0.3	0.3
0.3	0.3	0.3	0.5	0.5	0.3	0.5	0.5	0.3	0.3
0.3	0.3	0.5	0.3	1	0.5	0.3	0.5	0.3	0.3
8.0	0.3	0.3	0.3	0.3	0.5	0.3	0.5	8.0	0.5



Conventional: before >> after

0.3 0.3 0.3 0.5 0.5 0.3 0.5 0.5 0.3 0.5 0.5 0.3 0.3 0.5 0.3 0.3 0.3 0.5 0.5 0.3 0.3 0.5 0.5 0.3 0.3 0.5 0.3 0.3 0.5 0.3 0.3 0.3 0.3 0.3 0.3 0.5 0.5 0.3 0.3 0.5 0.3 0.5 **0.5 0.5 0.5 0.3 0.5 0.5 0.5** 1 0.3 0.3 0.3 0.3 0.3 0.5 0.3 0.5 0.5 0.8 0.5 0.5 0.3 0.3 0.5 0.5 0.3 0.3 0.8 0.3 0.3 0.5 0.3 0.5 0.3 0.5

migrations: 0 0.3 0.3 0.3 0.5 0.5 0.3 0.5 0.5 0.3 0.5 0.3 0.3 0.3 0.8 0.3 0.5 0.3 0.5 0.5 0.3 0.5 0.3 0.3 0.5 0.3 0.3 0.3 0.3 0.3 0.5 0.5 0.3 0.3 0.5 0.3 0.5 0.3 0.3 0.3 0.5 0.5 0.3 0.3 0.5 0.3 0.3 0.3 0.8 0.5 0.5 0.5

0.5

0.3 0.3 0.8 0.3 0.3 0.5 0.3 0.5 0.3 0.5

0.3

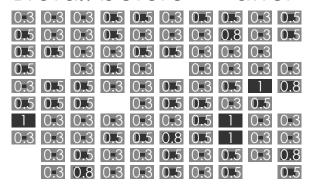
0.3 0.3

fitness: -1.241 cooked: none raw: none migrations: 0

0.5 0.3

fitness: 0.009 cooked: none raw: none

Brutal: before >> after



0.3 0.5 0.5 0.3 0.5 0.5 0.3 0.5 0.3 0.3 0.5 0.3 0.3 0.5 0.3 0.3 0.3 0.5 0.3 0.3 0.5 0.5 0.3 0.3 0.3 0.3 0.3 0.3 0.3 0.3 0.5 0.3 0.3 0.5 0.3 0.3 0.5 0.3 0.5 0.3 0.50.3 0.3 0.3 0.3 0.3 0.3 0.5 0.5 0.5 0.3 0.3 0.3 0.3 0.5 0.3 0.3 0.5 0.3 0.5 0.3 0=30.3 0.3 0.5 0.3 0.5 0.5

Opportunistic: before >> after

0.3	8.0	0.3	0.5	0.5	0.3	0.5	0.5	0.3	8.0
0.5	0.3		0.5	0.3	0.3	0.3	8.0		0.5
0.5	0.5	0.5		0.5	0.5		0.3		8.0
8.0			0.5			0.3	1	0.3	0.3
0.3	0.5	0.5	0.3	0.3	0.5	0.3	0.5	1	8.0
0.5	8.0	0.5	0.3	0.3	0.5	8.0	0.3	0.5	8.0
1		0.5			0.3	0.5	1	0.5	
		0.3	0.5	8.0		0.5	1		0.3
8.0		0.5			8.0	8.0	8.0	0.3	1
0.3	8.0			0.5		1	8.0		8.0

fitness: -0.5994 cooked: M1(0) M2(0.18) M3(0) M4(1) raw: M1(3.66) M2(270) M3(7) M4(0.31) migrations: 1

0.3 0.8	0.3 0.5	0.5	0.3	0.5	0.5	0.3	8.0
0.5	0.5	0.3	0.3	0.3	8.0		0.5
0.5 0.5	0.5	0.5	0.5		0.3		8.0
8.0	0.5			0.3		0.3	0.3
0.3 0.5	0.5 0.3	0.3	0.5	0.3	0.5		8.0
0.5 0.8	0.5	0.5	0.5	8.0	0.3	0.5	8.0
	0.5		0.3	0.5		0.5	
	0.5 0.8	8.0		0.5			0.5
8.0	8.0		8.0	8.0	8.0	0.5	
0.3 0.8		8.0			8.0		8.0

fitness: 0.009 cooked: none raw: none migrations: 0

Minimal: before >> after

0.3 0.3 0.3 0.5 0.5 0.3 0.5 0.5 0.3 0.5 0.8 0.5 0.3 0.3 0.5 0.3 0.3 0.3 0.5 0.5 0.3 0.3 0.5 0.5 0.3 0.3 0.3 **0.5** 0.3 0.3 **0.5** 0.3 0.3 0.3 0.3 0.3 0.5 0.3 0.3 0.5 0.3 0.5 0.5 0.5 0.5 0.3 0.3 0.5 0.5 0.3 0.8 0.3 0.3 0.3 0.3 0.5 0.3 0.5 0.5 8.0 0.5 0.5 0.3 0.3 0.5 0.3 0.5 0.3 0.3 0.8 0.3 0.3 0.5 0.3 0.5 0.3 0.5

							_		
0.3	0.3	0.3	0.5	0.5	0.3	0.5	0.5	0.3	0.5
0.5	0.3	0.3	0.5	0.3	0.3	0.3	8.0	0.3	0.5
0.5	0.5	0.3	0.3	0.5	0.5	0.3	0.3	0.3	8.0
0.5	0.3	0.3	0.5	0.3	0.3	0.3	0.3	0.3	0.3
0.3	0.5	0.5	0.3	0.3	0.5	0.3	0.5	0.3	8.0
0.5	0.5	0.5	0.3	0.3	0.5	0.5	0.3	0.5	8.0
0.3	0.3	0.3	0.3	0.3	0.3	0.5	0.3	0.3	0.3
0.3	0.3	0.3	0.5	0.5	8.0	0.5	0.3	0.3	0.3
8.0	0.3	0.5	0.3	0.3	0.5	0.3	0.5	0.3	8.0
0.3	0.3	8.0	0.3	0.3	0.5	0.3	0.5	0.3	0.5

0.3 0.3 0.3 0.5 0.5 0.3 0.5 0.5 0.8 0.5 0.5 0.3 0.3 0.5 0.3 0.3 0.3 0.3 0.3 0.3 0.3 0.3 0.3 0.3 0.3 1 0.3 0.3 0.5 0.3 0.5 0.3 0.3 0.3 0.3 0.5 0.5 0.5 0.3 0.3 0.3 0.3 0.5 0.3 0.5 0.5 0.3 0.5 0.5 0.3 0.3 0.5 0.8

raw: none migrations: 0 0.3 0.3 0.3 0.5 0.5 0.3 0.5 0.5 0.8 0.5 0.3 0.3 0.5 0.3 0.3 0.3 0.3 0.3 0.3 0.5 0.3 0.5 0.3 0.5 0.5 0.3 0.5 0.3

0.3

0.3

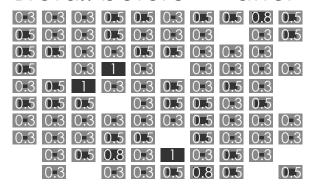
0.5

fitness: 0.009 cooked: none

fitness: -0.491 cooked: none raw: none migrations: 0

0.5 0.5 0.3 0.3 0.5 0.5 0.3 0.3 0.3 0.3 0.3 0.5 0.8 0.5 0.3 0.5

Brutal: before >> after



0.5 0.5 0.5 0.5 0.3 0.3 0.3 0.3 0.3 0.5 0.3 0.5 0.3 0.3 0.3 0.3 0.3 0.3 0.5 0.5 0.3 0.3 0.3 0.3 0.3 0.3 0.3 0.5 0.3 0.3 0.3 0.3 0.3 0.3 0.3 0.5 0.3 0.5 0.3 0.5 0.3 0.3 0.3 0.3 0.3 0.3 0.5 0.3 0.3 0.3 0.3 0.3 0.5 0.5 0.5 0.3 0.3 0.3 0.3 0.5 0.3 0.3 0.3 0.5 0.3 0.3 0.3 0.3 0.5 0.5 0.5

0.5

0.3

0.3

0.3

0.5

0.3

0.3

0.3

0.3 0.3 0.3 0.3 0.3 0.5 0.8 0.5 0.3 0.5

0.5

0.5

0.3

0.3 0.3

0.8

0.3

0.3

0.3

0.5

0.5

0.3

0.5

0.5

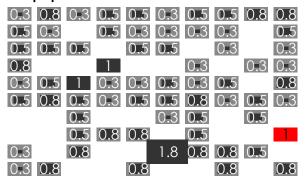
0.3

0.3

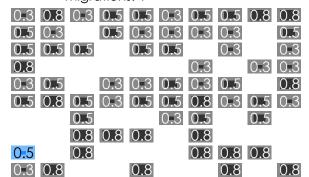
0.5

0.5

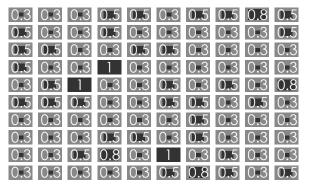
Opportunistic: before >> after

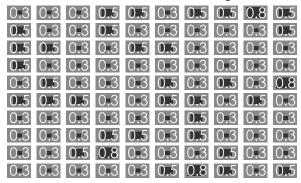


fitness: -0.492 cooked: M1(0) M2(0.16) M3(0) M4(1) raw: M1(2.82) M2(243) M3(5) M4(0.35) migrations: 1



Minimal: before >> after





Conventional: before >> after

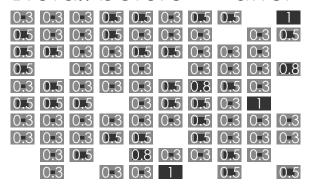
0.3 0.3 0.3 0.5 0.5 0.3 0.5 0.5 0.3 0.5 0.3 0.3 0.5 0.3 0.3 0.3 0.5 0.5 0.3 0.3 0.5 0.5 0.3 0.3 0.3 0.3 0.3 0.3 0.3 0.3 0.3 0.3 0.3 0.3 0.5 0.8 0.5 0.5 0.3 0.3 0.5 0.5 0.3 0.3 0.5 0.5 0.8 0.3 0.3 0.5 0.3 0.3 0.3 0.3 0.3

						1	migro	ation	s: 0
0.3	0.3	0.3	0.5	0.5	0.3	0.5	0.5	0.3	0.3
0.5	0.3	0.3	0.5	0.3	0.3	0.3	0.3	0.3	0.5
0.5	0.5	0.3	0.3	0.5	0.5	0.3	0.3	0.3	0.3
0.5	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	8.0
0.3	0.5	0.3	0.3	0.3	0.5	8.0	0.5	0.3	0.3
0.5	0.5	0.5	0.3	0.3	0.5	0.5	0.3	0.3	8.0
0.3	0.3	0.3	0.3	0.3	0.3	0.5	0.3	0.3	0.3
0.3	0.3	0.3	0.5	0.5	0.3	0.5	0.3	0.3	0.3
0.3	0.3	0.5	0.3	8.0	0.3	0.3	0.5	0.3	0.3
0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.5	0.3	0.5

fitness: -0.5798 cooked: none raw: none migrations: 0

fitness: 0.0099 cooked: none raw: none

Brutal: before >> after

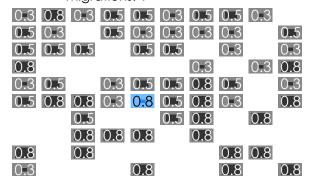


0.5 0.3 0.3 0.3 0.50.3 0.50.3 0.5 0.3 0.3 0.3 0.3 0.5 0.3 0.3 0.5 0.5 0.3 0.3 0.3 0.3 0.3 0.3 0.3 0.3 0.3 0.3 0.3 0.5 0.3 0.50.50.3 0.3 0.3 0.5 0.3 0.3 0.3 0.5 0.5 0.5 0.3 0.3 0.3 0.3 0.5 0.3 0.3 0.5 0.3 0.3 0.3 0.3 0.3 0.50.5

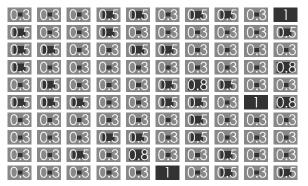
Opportunistic: before >> after

0.3	8.0	0.3	0.5	0.5	0.3	0.5	0.5	0.3	1.3
0.5	0.3		0.5	0.3	0.3	0.3	0.3		0.5
0.5	0.5	0.5		0.5	0.5		0.3		0.3
8.0						0.3		0.3	8.0
0.3	0.5		0.3	0.3	0.5	8.0	0.5		0.3
0.5	8.0	0.5	0.3	0.5	0.5	8.0	0.3	1	8.0
		0.5			0.3	0.5		0.5	
		8.0	8.0	8.0		8.0			
0.5		8.0				1.3	8.0	8.0	
0.3	1.3			8.0			8.0		8.0

fitness: -0.76 cooked: M1(0) M2(0.29) M3(0) M4(1) raw: M1(2.82) M2(382) M3(4) M4(0.39) migrations: 1



Minimal: before >> after



0.3	0.3 0.5	0.5	0.3	0.5	0.5	0.3	0.3
0.5	0.3 0.5	0.3	0.3	0.3	0.3	0.3	0.5
0.5	0.3 0.3	0.5	0.5	0.3	0.3	0.3	0.3
0.5	0.3 0.3	0.3	0.3	0.3	0.3	0.3	8.0
0.3 0.5	0.3 0.3	0.3	0.5	8.0	0.5	0.3	0.3
0.5	0.5 0.3	0.3	0.5	0.5	0.3	0.3	8.0
0.3	0.3 0.3	0.3	0.3	0.5	0.3	0.3	0.3
0.3	0.3 0.5	0.5	0.3	0.5	0.3	0.3	0.3
0.3	0.5 0.3	8.0	0.3	0.3	0.5	0.3	0.3
0.3	0.3 0.3	0.3	0.3	0.3	0.5	0.3	0.5

Conventional: before >> after

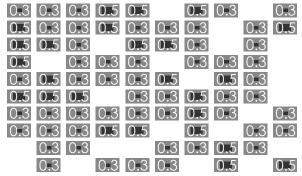
0.3 0.3 0.3 0.5 0.5 0.8 0.5 1 0.8 0.3 0.5 0.3 0.3 0.5 0.3 0.3 0.3 0.3 0.5 0.5 0.3 0.8 0.5 0.5 0.3 0.8 0.3 0.3 0.3 0.3 0.3 0.3 0.3 0.3 0.3 0.3 0.5 0.3 0.5 0.3 0.5 0.3 0.3 0.5 0.3 0.3 0.3 0.5 0.3 0.5 0.5 0.8 0.5 0.3 0.3 0.3 0.3 0.5 0.3 0.3 0.3 0.3 0.3 0.3 0.3 0.5 0.8 0.5

					migrations: 0					
0.3	0.3	0.3	0.5	0.5	8.0	0.5	0.3	8.0	0.3	
0.5	0.3	0.3	0.5	0.3	0.3	0.3	0.3	0.3	0.5	
0.5	0.5	0.3	8.0	0.5	0.5	0.3	8.0	0.3	0.3	
0.5	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	
0.3	0.5	0.3	0.3	0.3	0.5	0.3	0.5	0.3	0.3	
0.5	0.5	0.5	0.3	0.3	0.3	0.5	0.3	0.3	0.3	
0.3	0.3	0.3	0.3	0.3	0.3	0.5	0.3	8.0	0.3	
0.3	0.3	0.3	0.5	0.5	8.0	0.5	8.0	0.3	0.3	
0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.5	0.3	0.3	
0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.5	8.0	0.5	

Brutal: before >> after

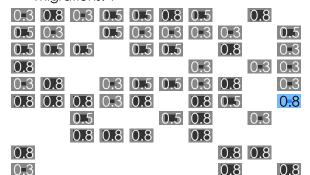
0.3 0.3 0.3 0.5 0.5 0.8 0.5 0.3 0.5 0.3 0.3 0.5 0.3 0.3 0.3 0.3 0.5 0.5 0.5 0.3 0.8 0.5 0.5 0.3 0.8 0.3 0.3 0.3 0.3 0.3 0.3 0.3 0.5 0.3 0.5 0.3 0.3 0.3 0.5 0.3 0.5 0.3 0.3 0.3 0.3 0.3 0.5 0.8 0.3 0.3 0.3 0.3 0.5 0.5 0.5 0.8 0.3 0.3 0.3 0.3 0.3 0.5 0.3 0=30.3 0.3 0.3 0.5 0.5 fitness: -0.8516 cooked: none raw: none migrations: 0

fitness: 0.009 cooked: none raw: none



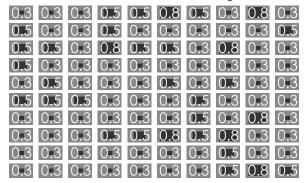
Opportunistic: before >> after

0.3 0.8 0.3 0.5 0.5 0.8 0.5 1 0.8 0.5 0.3 0.5 0.3 0.3 0.3 0.3 0.5 0.5 0.5 0.5 0.5 0.5 0.8 0.3 0.8 0.3 0.3 0.3 0.3 0.5 0.5 0.3 0.5 0.3 0.5 0.3 0.5 0.8 0.8 0.3 0.8 0.8 0.3 0.3 0.5 0.8 0.5 1.3 0.8 0.8 0.8 8.0 8.0 1.8 8.0 8.0 0.3 1.3 0.8 0.8 fitness: -0.6233 cooked: M1(0.12) M2(0.29) M3(0.14) M4(1) raw: M1(3.14) M2(382) M3(6) M4(0.44) migrations: 1



Minimal: before >> after

0.3 0.3 0.3 0.5 0.5 0.8 0.5 0.8 0.3 0.5 0.3 0.3 0.3 0.3 0.3 0.8 0.5 0.5 0.3 0.8 0.3 0.3 0.3 0.3 0.3 0.3 0.3 0.3 0.3 0.3 0.3 0.5 0.3 0.5 0.3 0.3 0.5 0.3 0.5 0.3 0.3 0.3 0.5 0.3 0.8 0.5 0.8 0.5 0.8 0.5 0.3 0.3 0.3 0.3 0.5 0.3 0.3 0.3 0.3 0.3 0.3 0.3 0.5 0.8 0.5



Conventional: before >> after

0.3 0.3 0.3 0.5 0.5 0.3 0.5 0.3 0.3 0.3 0.5 0.5 0.3 0.3 0.5 0.5 0.3 0.3 0.3 0.8 0.8 0.3 0.3 0.3 0.3 0.5 0.3 0.3 0.3 0.5 0.30.5 0.5 0.5 0.3 0.3 0.3 0.3 0.3 0.5 0.3 0.5 0.3 0.3 0.3 0.3 0.3 0.3 0.3 0.3 0.5 0.5

						I	nigro	ווטווג	s. U
0.3	0.3	0.3	0.5	0.5	0.3	0.5	0.3	0.3	0.3
0.3	0.3	0.3	0.5	0.3	0.3	0.3	0.3	0.3	0.5
0.5	0.5	0.3	0.3	0.5	0.5	0.3	0.3	0.3	0.3
0.5	0.3	0.3	8.0	8.0	0.3	0.3	0.3	0.3	8.0
0.3	0.5	0.3	0.3	0.3	0.5	0.3	0.5	0.3	0.3
0.5	0.5	0.5	0.3	0.3	0.3	0.3	0.3	8.0	0.3
			0.3						
0.3	0.3	0.3	0.5	0.5	0.3	0.5	0.3	0.3	0.3
0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.5	0.3	0.3

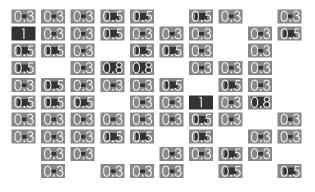
0.3 0.3 0.3 0.3 0.3 0.3 0.3 0.5 0.3 0.5

fitness: -0.491 cooked: none raw: none migrations: 0

fitness: 0.009 cooked: none raw: none

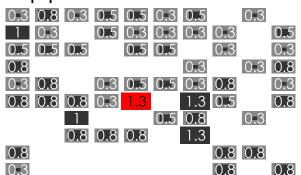
migrations: 0

Brutal: before >> after



0.3 0.3 0.5 0.5 0.5 0.3 0.3 0.3 0.3 0.5 0.3 0.3 0.3 0.3 0.5 0.3 0.5 0.5 0.3 0.3 0.3 0.3 0.3 0.3 0.3 0.3 0.3 0.3 0.5 0.5 0.3 0.5 0.3 0.3 0.3 0.3 0.3 0.3 0.3 0.3 0.5 0.3 0.3 0.3 0.3 0.5 0.5 0.5 0.3 0.3 0.3 0.3 0.3 0.3 0.5 0.3 0.3 0.3 0.3 0.3 0.5 0.5

Opportunistic: before >> after

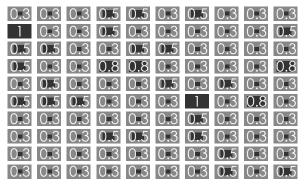


fitness: -0.64 cooked: M1 (0.12) M2(0.46) M3(0.07) M4(1) raw: M1 (3.14) M2(552) M3(5) M4(0.48) migrations: 1

0.3	8.0	0.3	0.5	0.5	0.3	0.5		0.3	
	0.3		0.5	0.3	0.3	0.3	0.3		0.5
0.5	0.5	0.5		0.5	0.5		0.3		0.3
8.0						0.5		0.3	8.0
8.0	8.0		0.3	8.0	0.5	0.3	8.0		0.3
8.0	8.0	8.0	0.5				8.0		8.0
					0.5	8.0		8.0	
		0.8	0.8	0.8					

	0.0	0.0		
8.0			8.0	8.0
0.3			8.0	8.0

Minimal: before >> after



0.3	0.3 0.5	0.5	0.3	0.5	0.3	0.3	0.3
0.3	0.3 0.5	0.3	0.3	0.3	0.3	0.3	0.5
0.5	0.3 0.3	0.5	0.5	0.3	0.3	0.3	0.3
0.5	0.3	8.0	0.3	0.3	0.3	0.3	8.0
0.3 0.5	0.3 0.3	0.3	0.5	0.3	0.5	0.3	0.3
0.5	0.5 0.3	0.3	0.3	0.3	0.3	8.0	0.3
0.3	0.3 0.3	0.3	0.3	0.5	0.3	0.3	0.3
0.3	0.3 0.5	0.5	0.3	0.5	0.3	0.3	0.3
0.3	0.3 0.3	0.3	0.3	0.3	0.5	0.3	0.3
0.3	0.3 0.3	0.3	0.3	0.3	0.5	0.3	0.5

Conventional: before >> after

0.3 0.3 0.8 0.5 0.3 0.5 0.3 0.3 0.3 0.3 0.3 0.3 0.5 0.3 0.3 0.3 0.3 0.5 0.5 0.5 0.3 0.8 0.5 0.5 0.3 0.3 0.3 0.3 0.8 0.3 0.3 0.3 0.3 0.3 0.8 0.3 0.5 0.3 0.5 0.3 0.5 0.5 0.5 0.3 0.3 0.3 0.3 0.3 0.3 0.3 0.3 0.3 0.3 0.3 0.8 0.5 0.5 0.3 0.5 0.3 0.3 0.5 0.3 0.3 0.3 0.3 0.3 0.3 0.3 0.5 0.5

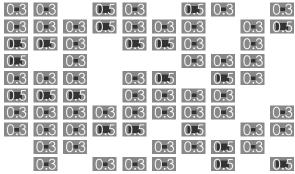
					migrations: 0						
0.3	0.3	8.0	0.5	0.3	0.3	0.5	0.3	0.3	0.3		
0.3	0.3	0.3	0.5	0.3	0.3	0.3	0.3	0.3	0.5		
0.5	0.5	0.3	8.0	0.5	0.5	0.3	0.3	0.3	0.3		
0.5	8.0	0.3	0.3	8.0	0.3	0.3	0.3	0.3	0.3		
0.3	0.3	0.3	8.0	0.3	0.5	0.3	0.5	0.3	0.3		
0.5	0.5	0.5	0.3	0.3	0.3	0.3	0.3	0.3	0.3		
0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	8.0	0.3		
0.3	0.3	0.3	0.5	0.5	0.3	0.5	0.3	0.3	0.3		
0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.5	0.3	0.3		
0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.5	0.3	0.5		

Brutal: before >> after

0.3 0.3 0.8 0.5 1 0.5 0.3 0.3 0.3 0.3 0.3 0.5 0.3 0.3 0.3 0.3 0.5 0.5 0.5 0.3 0.5 0.5 0.3 0.3 0.5 0.3 0.3 0.3 0.3 0.3 0.3 0.8 0.3 0.5 0.5 0.3 0.3 0.3 |0.3|0.3 0.3 0.3 0.3 1 0.3 0.3 0.3 0.3 0.3 0.5 0.5 0.5 0.3 0.3 0.3 0.3 0.3 0.3 0.5 0.3 0=30.3 0.3 0.3 0.5 0.5

fitness: -0.1807 cooked: none raw: none migrations: 0

fitness: 0.3329 cooked: none raw: none



Opportunistic: before >> after

0.3 0.8 0.8 0.5 1 0.3 0.5 0.3 0.5 0.3 0.3 0.3 0.3 0.5 0.5 0.5 0.5 0.5 0.5 0.3 0.3 0.8 0.3 0.3 0.5 0.8 0.8 0.5 0.3 0.8 0.8 0.3 0.8 0.8 0.5 0.8 0.8 0.5 1.3 0.8 0.8 0.8 0.8 8.0 0.8 0.3 0.8 0.8 fitness: -0.7123 cooked: M1(0) M2(0.28) M3(0) M4(1) raw: M1(2.47) M2(372) M3(3) M4(0.51) migrations: 1



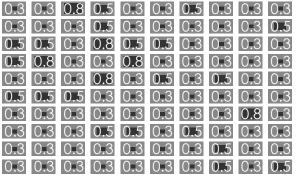
 0.8
 0.8
 0.8

 0.8
 0.8
 0.8

 0.3
 0.8
 0.8

Minimal: before >> after

0.3 0.3 0.8 0.5 1 0.3 0.5 0.3 0.3 0.3 0.5 0.3 0.3 0.3 0.3 0.8 0.5 0.5 0.3 0.3 0.3 0.3 0.3 0.8 0.3 0.3 0.3 0.3 0.3 0.8 0.3 0.5 0.3 0.5 0.3 0.5 0.5 0.5 0.3 0.3 0.3 0.3 0.3 0.3 0.3 0.5 0.5 0.3 0.5 0.3 0.5 0.3 0.3 0.3 0.3 0.3 0.3 0.3 0.3 0.3 0.3 0.3 0.5 0.3 0.5



Conventional: before >> after

0.3 0.3 0.3 0.5 0.8 0.3 0.5 0.3 0.3 0.3 0.3 0.3 0.3 0.5 0.3 0.3 0.3 0.5 0.5 0.3 0.8 0.5 0.5 0.3 0.3 0.3 0.3 0.3 0.3 0.3 0.3 0.5 0.3 0.3 0.3 0.3 0.5 0.3 0.5 0.5 0.5 0.3 0.3 0.8 0.3 0.8 0.3 0.3 0.3 0.8 0.3 0.3 0.3 0.3 0.3 0.3 0.3 0.3 0.5 0.3 0.3 0.3 0.5 0.8 0.3 0.3 0.3 0.3 0.8 0.3 0.3

						r	nigro	noitk	s: U
0.3	0.3	0.3	0.5	8.0	0.3	0.5	0.3	0.3	0.3
0.3	0.3	0.3	0.5	0.3	0.3	0.3	0.3	0.3	0.5
0.5	0.5	0.3	8.0	0.5	0.5	0.3	0.3	0.3	0.3
0.5	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
0.3	0.3	0.3	0.3	0.3	0.5	0.3	0.5	0.3	0.3
0.5	0.5	0.5	0.3	0.3	8.0	0.3	8.0	0.3	0.3
0.3	8.0	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
0.3	0.3	0.3	0.5	0.5	0.3	0.5	0.3	0.3	0.3
8.0	0.3	0.3	0.3	0.3	0.3	8.0	0.5	0.3	0.3
0.3	0.3	0.3	0.3	8.0	0.3	0.3	0.3	0.3	0.5

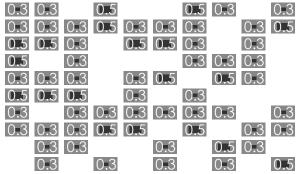
Brutal: before >> after

0.5 0.3 0.3 0.3 0.5 0.8 0.3 0.3 0.3 0.3 0.5 0.3 0.3 0.3 0.3 0.5 0.5 0.5 0.3 0.5 0.5 0.3 0.3 0.5 0.3 0.3 0.3 0.3 0.3 0.3 0.3 0.5 0.3 0.3 0.5 0.3 0.8 0.3 0.8 0.3 0.3 0.3 0.3 0.3 0.3 0.3 0.3 0.3 0.5 0.5 0.5 0.3 0.3 0.3 0.3 0.3 0.8 0.5 0.3 0=30.3 0.8 0.3 0.5 1

fitness: -0.8243 cooked: none raw: none migrations: 0

fitness: 0.009 cooked: none raw: none

aiarations: C



Opportunistic: before >> after

1.3

0.8

0.3 0.8 0.3 0.5 0.3 0.5 0.3 0.5 0.3 0.3 0.3 0.3 0.5 0.5 0.5 0.5 0.5 0.5 0.3 0.3 0.8 1.3 0.3 0.3 0.3 0.8 0.5 1 0.8 0.8 0.3 1.3 1.3 0.8 0.8 0.8 1.3 0.3 0.8 0.8 0.8 0.8 0.8 1.3

0.3

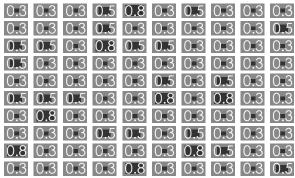
fitness: -0.266 cooked: M1(0.49) M2(0.88) M3(0.33) M4(1) raw: M1(3.91) M2(1120) M3(8) M4(0.58) migrations: 1



0.8 0.8 0.8 0.8 0.8 0.8 0.8 0.8 0.3 0.8 0.8

Minimal: before >> after

0.3 0.3 0.3 0.5 0.8 0.3 0.5 0.3 0.3 0.3 0.5 0.3 0.3 0.3 0.3 0.8 0.5 0.5 0.3 0.3 0.3 0.3 0.3 0.3 0.3 0.3 0.3 0.3 0.3 0.3 0.3 0.3 0.5 0.3 0.3 0.3 0.8 0.3 0.8 0.3 0.3 0.5 0.3 0.3 0.3 0.3 0.3 0.5 0.5 0.3 0.5 0.5 0.3 0.3 0.3 0.3 8.0 0.3 0.3 0.3 0.3 0.8 0.3 0.3 1 0.3 0.5



Conventional: before >> after

0.3 0.3 0.8 0.5 0.3 0.3 0.5 0.3 0.3 0.3 0.3 0.3 0.3 0.5 0.3 0.3 0.3 0.3 0.5 0.5 0.5 0.3 0.3 0.5 0.5 0.3 0.3 0.8 0.3 0.3 0.3 0.3 0.3 0.3 0.3 0.3 0.5 0.3 0.3 0.3 0.3 0.5 0.3 0.5 0.5 0.5 0.3 0.3 0.3 0.8 0.3 0.3 0.3 0.3 0.3 0.3 0.3 0.3 0.3 0.3 0.3 0.8 0.5 0.5 0.3 0.5 0.3 0.3 0.3 0.3 0.3 0.3 0.3 0.3 0.3 0.3 0.3 0.3 0.3

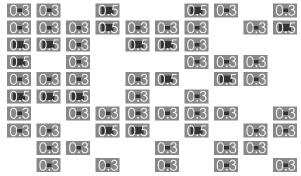
					migrations: 0					
0.3	0.3	8.0	0.5	0.3	0.3	0.5	0.3	0.3	0.3	
0.3	0.3	0.3	0.5	0.3	0.3	0.3	0.3	0.3	0.5	
0.5	0.5	0.3	0.3	0.5	0.5	0.3	0.3	8.0	0.3	
0.5	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	
0.3	0.3	0.3	0.3	0.3	0.5	0.3	0.5	0.3	0.3	
0.5	0.5	0.5	0.3	0.3	0.3	0.3	0.3	8.0	8.0	
0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	
0.3	0.3	8.0	0.5	0.5	0.3	0.5	0.3	0.3	0.3	
0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	
0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	

Brutal: before >> after

0.5 0.3 0.3 0.3 0.5 0.3 0.3 0.3 0.3 0.5 0.3 0.3 0.3 0.3 0.5 0.5 0.5 0.3 0.5 0.5 0.3 0.8 0.5 0.3 0.3 0.3 0.3 0.3 0.3 0.3 0.5 0.3 0.3 0.5 0.3 0.3 0.3 0.3 0.3 0.3 0.3 0.3 0.3 0.3 0.8 0.5 0.5 0.5 0.3 0.3 0.3 0.3 1 0.3 0.3 0.3 0.3 0.3 0.3

fitness: -0.3833 cooked: none raw: none migrations: 0

fitness: 0.3848 cooked: none raw: none



Opportunistic: before >> after

0.3

0.3 0.8 0.8 0.5 0.3 0.8 0.3 0.3 0.3 0.3 0.50.5 0.5 0.8 1.3 0.8 0.5 0.3 0.5 1.3 0.5 0.8 0.8 0.8 0.8 0.8 0.8 0.3 0.8 0.8 0.8 0.5 0.8 1.3 0.8 0.8 0.5 1.3 0.8

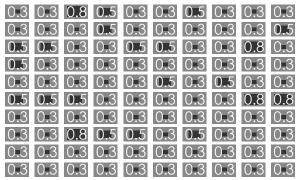
0.3

fitness: -0.4159 cooked: M1(0.23) M2(0.46) M3(0.13) M4(1) raw: M1(3.15) M2(630) M3(5) M4(0.61) migrations: 1

0.3 0.8 0.8 0.5 0.3 0.8 0.5 0.5 0.3 0.5 0.5 0.3 0.5 0.8 0.8 0.5 0.3 8.0 0.5 0.8 0.8 0.8 0.8 0.8 0.8 0.3 0.8 0.8 0.8 0.5 0.8 0.5 0.8 0.8 0.8 8.0 0.8 0.3

Minimal: before >> after

0.3 0.3 0.8 0.5 0.3 0.3 0.5 0.3 0.3 0.3 0.5 0.3 0.3 0.3 0.3 0.3 0.5 0.5 0.3 0.3 0.8 0.5 0.3 0.3 0.3 0.3 0.3 0.3 0.3 0.3 0.3 0.3 0.3 0.5 0.3 0.5 0.3 0.5 0.3 0.3 0.3 0.3 0.3 0.8 0.8 0.3 0.3 0.3 0.3 0.3 0.3 0.3 0.8 0.5 0.5 0.3 0.5 0.3 0.3 0.3 0.3 0.3 0.3 0.3 0.3 0.3 0.3 0.3 0.3 0.3 0.3



Conventional: before >> after

 0.3
 0.3
 0.8
 0.5
 0.3
 0.3
 0.5
 0.8
 0.3
 0.3

 0.3
 0.3
 0.3
 0.3
 0.3
 0.3
 0.3
 0.3
 1

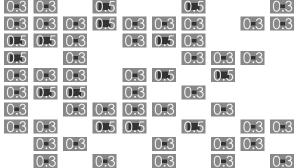
 0.5
 0.5
 0.3
 0.3
 0.3
 0.3
 0.3
 0.3
 0.3
 0.3
 0.3
 0.3
 0.3
 0.3
 0.3
 0.3
 0.3
 0.3
 0.3
 0.3
 0.3
 0.3
 0.3
 0.3
 0.3
 0.3
 0.3
 0.3
 0.3
 0.3
 0.3
 0.3
 0.3
 0.3
 0.3
 0.3
 0.3
 0.3
 0.3
 0.3
 0.3
 0.3
 0.3
 0.3
 0.3
 0.3
 0.3
 0.3
 0.3
 0.3
 0.3
 0.3
 0.3
 0.3
 0.3
 0.3
 0.3
 0.3
 0.3
 0.3
 0.3
 0.3
 0.3
 0.3
 0.3
 0.3
 0.3
 0.3
 0.3
 0.3
 0.3
 0.3
 0.3
 0.3
 0.3
 0.3

						migrations: 0					
0.3	0.3	8.0	0.5	0.3	0.3	0.5	8.0	0.3	0.3		
0.3	0.3	0.3	0.5	0.3	0.3	0.3	0.3	0.3	0.3		
0.5	0.5	0.3	8.0	0.3	0.5	0.3	0.3	0.3	0.3		
0.5	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3		
0.3	0.3	0.3	0.3	0.3	0.5	0.3	0.5	8.0	8.0		
0.3	0.5	0.5	0.3	0.3	0.3	0.3	0.3	0.3	0.3		
0.3	0.3	0.3	0.3	0.3	0.3	8.0	0.3	0.3	8.0		
0.3	0.3	0.3	0.5	0.5	0.3	0.5	0.3	0.3	0.3		
0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3		
8.0	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3		

fitness: 0.6559 cooked: none raw: none

Brutal: before >> after

0.5 0.8 0.3 0.3 0.5 0.3 0.3 0.3 0.3 0.5 0.3 0.3 0.3 0.3 0.5 0.5 0.3 0.5 0.3 0.5 0.3 0.3 0.3 0.3 0.3 0.3 0.3 0.3 0.5 0.5 0.8 0.3 0.3 0.3 0.3 0.3 0.3 0.8 0.3 0.8 0.3 0.3 0.5 0.5 0.5 0.3 0.3 0.3 0.3 0.3 0.3 0.3 0.3 0.3 0.3 0.3 fitness: -0.214 cooked: none raw: none migrations: 0 0.3 0.5 0.5



Opportunistic: before >> after

0.8

0.8

0.3 1.3 0.8 0.5 0.3 0.8 0.3 0.5 0.5 0.3 0.5 0.5 0.8 1.3 0.5 0.3 0.8 0.5 0.8 0.8 0.8 0.8 0.8 0.8 1.3 0.8 0.8 0.8 1 0.8 0.8

1.3

0.8

fitness: -0.4198 cooked: M1(0.41) M2(0.63) M3(0.27) M4(0.98) raw: M1(3.68) M2(824) M3(7) M4(0.66)

0.5 0.8

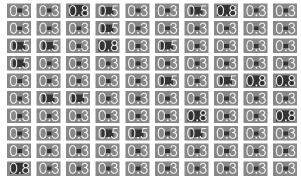
migrations: 1

0.8 0.8 0.3 0.5 0.8 0.5 0.8 0.5 8.0 0.8 0.5 0.8 8.0 8.0 0.8 0.8 0.8 0.8 0.8 0.8 0.8 0.8 8.0 0.8 0.8

0.8 0.5

Minimal: before >> after

0.3 0.3 0.8 0.5 0.3 0.3 0.5 0.8 0.3 0.3 0.3 0.5 0.3 0.3 0.3 1 0.5 0.3 0.3 0.3 0.3 0.3 0.8 0.3 0.3 0.3 0.3 0.3 0.3 0.3 0.3 0.3 0.3 0.5 0.3 0.5 0.8 0.5 0.5 0.3 0.3 0.3 0.3 0.3 0.3 0.8 0.3 0.5 0.5 0.3 0.5 0.3 0.3 0.3 0.3 0.3 0.8 0.3 0.3 0.3 0.3 0.3 0.3 0.3 0.3 0.3



0.5 0.5 0.3

0.3 0.8

0.5

0.3

0.3

0.5

0.3

0.3

0.3 0.3 0.3 0.3 0.3 0.3 0.3 0.3 0.3 0.3

0.5

0.3

0.8 0.3

0.3

0.3 0.3

Conventional: before >> after

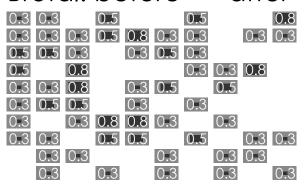
0.3 0.3 0.8 0.5 0.3 0.5 0.8 0.3 0.3 0.3 0.3 0.3 0.5 0.3 0.3 0.3 0.3 0.3 0.3 0.5 0.5 0.3 0.8 0.3 0.5 0.3 0.3 0.3 0.5 0.3 0.3 0.3 0.3 0.3 0.3 0.3 0.3 0.3 0.3 0.3 0.3 0.5 0.3 0.5 0.8 0.3 0.5 0.5 0.3 0.3 0.3 0.3 0.3 0.3 0.3 0.3 0.3 0.3 0.3 0.8 0.3 0.3 0.3 0.3 0.3 0.5 0.5 0.3 0.5 0.3 0.3 0.3 0.3 0.3 0.8 0.3 0.3 0.3 0.3 0.3 0.3 0.3 0.3 0.3

raw: none migrations: 0 0.3 0.3 0.8 0.5 0.3 0.3 0.5 0.3 0.8 0.8 0.3 0.3 0.3 0.3 0.3 0.5 0.3 0.3 0.3 0.8 0.8 0.3 0.3 0.3 0.3 0.8 0.5 0.3 0.5 0.3 0.3 0.3 0.3 0.3 0.8 0.8 0.3 0.8 0.3 0.3

fitness: 0 cooked: none

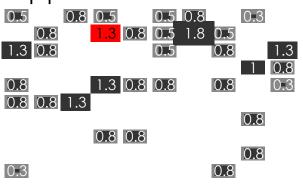
fitness: -0.991 cooked: none raw: none migrations: 0

Brutal: before >> after

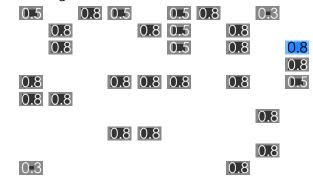


0.3 0.3 0.5 0.3 0.3 0.3 0.5 0.3 0.3 0.3 0.3 0.5 0.3 0.3 0.5 0.3 0.5 0.3 0.3 0.3 0.3 0.5 0.5 0.5 0.5 0.3 0.3 0.3 0.3 0.3 0.3 0.3 0.3 0.5 0.5 0.5 0.3 0.3 0.3 0.3 0.3 0.3 0.3 0.3 0.3 0.3 0.3 0.3

Opportunistic: before >> after



fitness: -0.4175 cooked: M1(0.42) M2(0.56) M3(0.53) M4(1) raw: M1(3.68) M2(744) M3(11) M4(0.73) migrations: 1



Minimal: before >> after

0.3	0.8	0.3 0.	3 0.5 0.	8 0.3 0.3
0.3	0.3 0.5	0.3 0.	3 0.3 0.	3 0.3 0.3
0.5	0.3	0.3 0.	5 0.3 0.	3 0.3 0.3
0.5 0.3	0.3 0.3	0.3 0.	3 0.3 0.	3 0.3 0.3
0.3	0.3 0.3	0.3 0.	5 0.3 0.	5 0.8 0.8
0.3 0.5	0.5	0.3 0.	3 0.3 0.	3 0.3 0.3
0.3	0.3 0.3	0.3 0.	3 0.8 0.	3 0.3 0.8
0.3	0.3 0.5	0.5 0.	3 0.5 0.	3 0.3 0.3
0.3	0.3	0.3 0.	3 0.3 0.	3 0.3 0.3
0.8	0.3	0.3 0.	3 0.3 0.	3 0.3 0.3

0.3	0.3	8.0	0.5	0.3	0.3	0.5	0.3	0.3	8.0
0.3	0.3	0.3	0.5	8.0	0.3	0.3	0.3	0.3	0.3
0.5	0.5	0.3	0.3	0.3	0.5	0.3	0.3	0.3	8.0
0.5	0.3	8.0	8.0	0.3	0.3	0.3	0.3	8.0	0.3
0.3	0.3	8.0	8.0	0.3	0.5	0.3	0.5	0.3	0.3
0.3	0.5	0.5	0.3	0.3	0.3	0.3	0.3	0.3	0.3
0.3	0.3	0.3	8.0	8.0	0.3	8.0	0.3	0.3	0.3
0.3	0.3	0.3	0.5	0.5	0.3	0.5	0.3	0.3	0.3
0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3

Conventional: before >> after

0.3 0.3 0.3 0.3 0.3 0.3 0.3 0.8 0.3 0.3

0.3	0.3	0.3	0.5	0.3	0.3	0.5	0.3	0.3	8.0
0.3	0.3	0.3	0.5	0.3	0.3	0.3	8.0	0.3	0.3
1	0.5	8.0	0.3	0.3	0.5	0.3	0.3	0.3	0.3
0.5	8.0	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
0.3	0.3	0.3	0.3	0.3	0.5	0.3	0.5	0.3	0.3
0.3	0.5	1	0.3	0.3	0.3	0.3	0.3	0.3	0.3
0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
0.3	0.3	0.3	0.5	0.5	0.3	0.5	0.3	0.3	8.0
0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.8	0.3	0.3

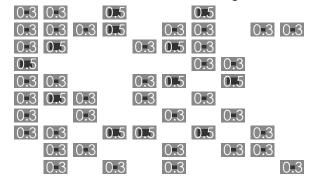
fitness: 0.3084 cooked: none raw: none migrations: 0

fitness: 0.3857 cooked: none

raw: none



0.3	0.3		0.5			0.5			
0.3	0.3	0.3	0.5		0.3	0.3		0.3	0.3
1	0.5	8.0		0.3	0.5	0.3			
0.5						0.3	0.3		
0.3	0.3			0.3	0.5		0.5		
0.3	0.5	1		0.3		0.3			
0.3		0.3			0.3		0.3		
0.3	0.3		0.5	0.5		0.5		0.3	8.0
	0.3	0.3			0.3		0.3	0.3	
	0.3		0.3		0.3		8.0		0.3



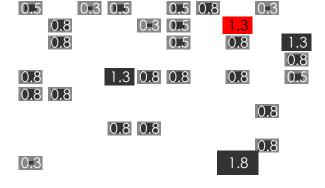
Opportunistic: before >> after raw: M1 (2.84)

raw: M1(2.84) M2(580) M3(5) M4(0.74) 0.5 0.8 0.3 0.5 0.5 0.8 0.5 0.58.0 0.5 8.0 0.3 8.0 0.8 0.8 0.8 0.8 0.8 0.8

cooked: M1(0.13) M2(0.42) M3(0.13) M4(0.98)

fitness: -0.7325

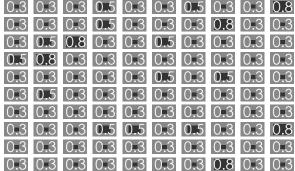
0.8



0.8 0.8 0.8

Minimal: before >> after

0.3	0.3	0.3	0.5	0.3	0.3	0.5	0.3	0.3	8.0
0.3	0.3	0.3	0.5	0.3	0.3	0.3	8.0	0.3	0.3
1	0.5	8.0	0.3	0.3	0.5	0.3	0.3	0.3	0.3
0.5	8.0	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
0.3	0.3	0.3	0.3	0.3	0.5	0.3	0.5	0.3	0.3
0.3	0.5	1	0.3	0.3	0.3	0.3	0.3	0.3	0.3
0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
0.3	0.3	0.3	0.5	0.5	0.3	0.5	0.3	0.3	8.0
0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
0.3	0.3	0.3	0.3	0.3	0.3	0.3	8.0	0.3	0.3



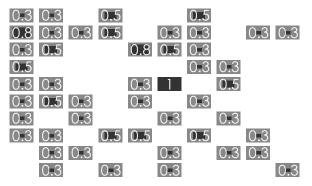
0.3 0.3 0.3 0.5 0.8 0.3 0.5 0.3 0.3 0.3 0.3 0.5 0.3 0.3 0.8 0.5 0.3 0.3 0.3 0.5 0.3 0.3 0.3 0.3 0.3 0.3 0.3 0.3 0.3 0.3 0.3 0.3 1 0.3 0.3 0.5 0.3 0.3 0.3 0.8 0.3 0.3 0.3 0.3 0.3 0.3 0.3 0.3 0.3 0.3 0.3 0.3 0.3 0.3 0.3 0.3 0.5 0.5 0.8 0.5 0.3 0.3 0.3 0.3 0.3 0.3 0.3 0.3 0.3 0.3

						1	migro	ation	s: 0
0.3	0.3	0.3	0.5	8.0	0.3	0.5	0.3	0.3	0.3
8.0	0.3	0.3	0.5	0.3	0.3	0.3	0.3	0.3	0.3
0.3	0.5	0.3	0.3	8.0	0.5	0.3	0.3	0.3	0.3
0.5	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.5	0.3	0.3
0.3	0.5	0.3	0.3	0.3	8.0	0.3	0.3	0.3	0.3
0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
0.3	0.3	0.3	0.5	0.5	8.0	0.5	0.3	0.3	0.3
0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	8.0
0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3

fitness: -0.0303 cooked: none raw: none migrations: 0

fitness: 0.009 cooked: none raw: none

Brutal: before >> after



Opportunistic: before >> after

0.3 0.3 0.5 0.3 0.3 0.5 0.3 0.3 0.3 0.3 0.3 0.5 0.5 0.3 0.5 0.3 0.3 0.3 0.3 0.3 0.3 0.5 0.5 0.3 0.3 0.3 0.3 0.3 0.3 0.5 0.3 0.5 0.5 0.3 0.3 0.3 0.3 0.3 0.3 0.3 0.3 0.3 0.3

fitness: -0.5945

cooked: M1(0) M2(0.07) M3(0) M4(0.98) raw: M1(2.04) M2(165) M3(2) M4(0.74)

migrations: 1

]		0.5	0.5		0.5	8.0		0.3				0.5	0.5		0.5	8.0		0.3	
- 1	8.0			0.5	0.5						8.0			0.5	0.5				
- 1	8.0				0.5		8.0		0.3		8.0				0.5		8.0		0.3
									8.0										8.0
8.0			8.0	8.0	1.3		8.0		8.0	0.	8		8.0	8.0	8.0		8.0		8.0
8.0	8.0					_				0.	8.0								
								8.0										8.0	
			8.0	8.0									8.0	8.0					
								8.0										8.0	
0.3										0.	3								

Minimal: before >> after

0.3	0.3	0.3	0.5	8.0	0.3	0.5	0.3	0.3	0.3
8.0	0.3	0.3	0.5	0.3	0.3	0.3	0.3	0.3	0.3
0.3	0.5	0.3	0.3	8.0	0.5	0.3	0.3	0.3	0.3
0.5	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
0.3	0.3	0.3	0.3	0.3	1	0.3	0.5	0.3	0.3
0.3	0.5	0.3	0.3	0.3	8.0	0.3	0.3	0.3	0.3
0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
0.3	0.3	0.3	0.5	0.5	8.0	0.5	0.3	0.3	0.3
0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	8.0
0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3

0.3	0.3 0.5	8.0	0.3	0.5	0.3	0.3	0.3
0.8	0.3 0.5	0.3	0.3	0.3	0.3	0.3	0.3
0.3 0.5	0.3	8.0	0.5	0.3	0.3	0.3	0.3
0.5	0.3 0.3	0.3	0.3	0.3	0.3	0.3	0.3
0.3	0.3 0.3	0.3	0.3	0.3	0.5	0.3	0.3
0.3 0.5	0.3 0.3	0.3	8.0	0.3	0.3	0.3	0.3
0.3	0.3 0.3	0.3	0.3	0.3	0.3	0.3	0.3
0.3	0.3 0.5	0.5	8.0	0.5	0.3	0.3	0.3
0.3	0.3 0.3	0.3	0.3	0.3	0.3	0.3	8.0
0.3 0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3

fitness: 0.009 cooked: none raw: none migrations: 0

0.3	0.3	0.3	0.5	0.3	0.3	0.5	0.3	8.0	0.3
0.3	8.0	0.3	0.5	0.3	0.3	0.3	8.0	0.3	0.3
0.3	0.5	0.3	0.3	0.3	0.5	0.3	0.3	0.3	0.3
0.5	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
8.0	0.3	0.3	0.3	0.3	0.3	0.3	0.5	0.3	0.3
0.3	0.5	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
0.3	0.3	0.3	0.5	0.5	0.3	1	0.3	0.3	0.3
8.0	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	8.0
0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3

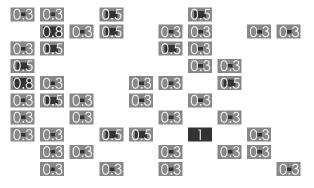
							_		
0.3	0.3	0.3	0.5	0.3	0.3	0.5	0.3	8.0	0.3
0.3	8.0	0.3	0.5	0.3	0.3	0.3	8.0	0.3	0.3
0.3	0.5	0.3	0.3	0.3	0.5	0.3	0.3	0.3	0.3
0.5	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
0.8	0.3	0.3	0.3	0.3	0.3	0.3	0.5	0.3	0.3
0.3	0.5	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
0.3	0.3	0.3	0.5	0.5	0.3	0.3	0.3	0.3	0.3
0.8	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	8.0
0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3

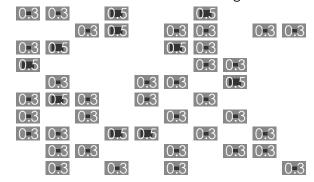
fitness: -0.0303 cooked: none raw: none migrations: 0

fitness: 0.009 cooked: none

raw: none







Opportunistic: before >> after raw: M1 (2.48) M2 (468) M3 (3) M4 (0.76) migrations: 1

fitness: -0.4738 cooked: M1(0.13) M2(0.33) M3(0.06) M4(0.98)

• •					
0.5	0.5	0.5	8	8.0	
1.3	0.5	0.5			
0.8		0.5	8.0	0.3	
				8.0	
1.3	0.8 1.3	8.0	8.0	8.0	
0.8					
				8.0	
	0.8				
				8.0	
0.3					

mgranor	15. 1			
	0.5 0.5	0.5	.8	.8
	0	.5 0.5		
8.0		0.5	0.8	0.5
				8.0
8.0	8.0	8.0	8.0	8.0
8.0				
			0	.8
	0.8	.8		
			0	.8
0.3				

Minimal: before >> after

0.3	0.3	0.3	0.5	0.3	0.3	0.5	0.3	8.0	0.3
0.3	8.0	0.3	0.5	0.3	0.3	0.3	8.0	0.3	0.3
0.3	0.5	0.3	0.3	0.3	0.5	0.3	0.3	0.3	0.3
0.5	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
8.0	0.3	0.3	0.3	0.3	0.3	0.3	0.5	0.3	0.3
0.3	0.5	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
0.3	0.3	0.3	0.5	0.5	0.3	1	0.3	0.3	0.3
8.0	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	8.0
0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3

						migrations: 0					
0.3	0.3	0.3	0.5	0.3	0.3	0.5	0.3	8.0	0.3		
0.3	8.0	0.3	0.5	0.3	0.3	0.3	8.0	0.3	0.3		
0.3	0.5	0.3	0.3	0.3	0.5	0.3	0.3	0.3	0.3		
0.5	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3		
8.0	0.3	0.3	0.3	0.3	0.3	0.3	0.5	0.3	0.3		
0.3	0.5	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3		
0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3		
0.3	0.3	0.3	0.5	0.5	0.3	0.3	0.3	0.3	0.3		
8.0	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	8.0		
0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3		

Conventional: before >> after

0.3 0.3 0.8 0.5 0.3 0.3 0.5 0.3 0.3 0.3 0.8 0.3 0.5 0.3 0.3 0.3 0.3 0.3 0.3 0.3 0.3 0.3 0.3 0.3 0.3 0.3 0.5 0.3 0.3 0.3 0.3 0.3 0.8 0.3 0.3 0.3 0.3 0.3 0.3 0.3 0.3 0.3 0.3 0.3 0.3 0.3 0.3

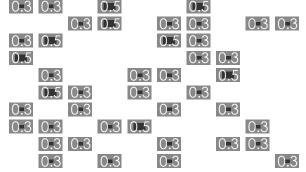
migrations: 0 0.3 0.3 0.8 0.5 0.3 0.3 0.5 0.3 0.3 0.3 0.8 0.5 0.3 0.3 0.3 0.3 0.3 0.3 0.3 0.3 0.3 0.3 0.3 0.3 0.5 0.8 0.3 0.3 0.3 0.3 0.3 0.3 0.3 0.3 0.3 0.3 0.3 0.3 0.3

Brutal: before >> after

0.3 0.3 0.5 0.5 0.3 0.5 0.3 0.3 0.3 0.3 0.3 0.5 0.5 0.3 0.5 0.3 0.3 0.3 0.3 0.5 0.3 0.3 0.8 0.5 0.3 0.3 0.3 0.3 0.3 0.3 0.3 1 0.5 8.0 0.3 0.3 0.3 0.3 0.3 0.3 0.3 0.3 0.3 0.3 fitness: -0.0303 cooked: none raw: none migrations: 0

fitness: 0.009 cooked: none

raw: none



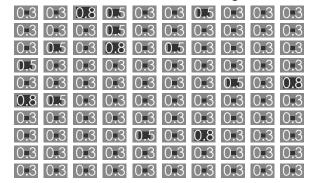
Opportunistic: before >> after raw: M1(3.16 migrations: 1

fitness: -0.2649 cooked: M1(0.33) M2(0.51) M3(0.25) M4(0.98) raw: M1(3.16) M2(681) M3(6) M4(0.8)

	1 0.5	0.5	.8	.3		0.5	0.5	0	.5
	0.3	5 0.5				0.	5 0.5		
8.0		0.5	8.0	0.5	8.0		0.5	8.0	8.0
				8.0					8.0
1.3	8.0	8.0	8.0	1.3	0.8	8.0	8.0	8.0	8.0
1.3 0.8					8.0				
			0	.8				0	.8
	1.3 0.8	8				0.	8		
			0	.8				0	.8
0.3					0.3				

Minimal: before >> after

0.8 0.5 0.3 0.3 0.5 0.3 0.3 0.3 0.5 0.3 0.3 0.3 0.8 0.3 0.5 0.3 0.3 0.3 0.3 0.3 0.3 0.3 0.3 0.3 0.3 0.3 0.3 0.3 0.3 0.5 0.3 0.3 0.3 0.3 0.3 0.3 0.5 0.3 0.3 0.3 0.3 0.3 0.3 0.3 0.3 0.3 0.3 0.3 0.3 0.3 0.3 0.3 0.3 0.3



Conventional: before >> after

0.3 0.3 0.8 0.5 0.3 0.3 0.5 0.3 0.3 0.3 0.3 0.3 0.3 0.5 0.3 0.3 0.3 0.3 0.3 0.3 0.3 0.5 0.3 0.8 0.3 0.5 0.3 0.3 0.3 0.5 0.3 0.3 0.3 0.3 0.3 0.3 0.3 0.3 0.3 0.3 0.3 0.3 0.3 0.3 0.3 0.3 0.5 0.3 0.8 0.5 0.3 0.3 0.3 0.3 0.3 0.3 0.3 0.3 0.3 0.3 0.3 0.3 0.3 0.3 0.3 0.3 0.5 0.3 0.8 0.3 0.3 0.3 0.3 0.3 0.3 0.3 0.3 0.3 0.3 0.3 0.3 0.3 0.3 0.3 0.3 0.3

migrations: 0 0.3 0.3 0.3 0.5 0.3 0.8 0.5 0.8 0.3 0.3 0.3 0.8 0.3 0.5 0.3 0.3 0.3 0.3 0.3 0.3 0.5 0.3 0.3 0.5 0.3 0.3 0.3 0.3 0.3 0.3 0.3 0.3 0.8 0.3 0.3 0.3 0.3 0.3 0.3 0.3 0.3 0.5 0.3 0.3 0.3 0.3 0.8 0.3 0.3 0.3 0.3 0.3 0.3 0.3 0.3 0.8 0.3 0.5 0.3 0.3 0.3 0.3 0.3 0.3 0.8 0.3 0.8 0.3 0.3 0.3 0.3 0.3

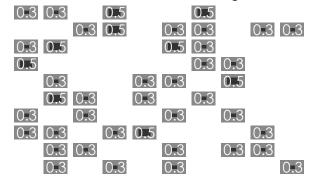
Brutal: before >> after

0.3 0.3 0.5 0.5 0.3 0.5 0.3 0.3 0.3 0.3 0.3 0.5 0.5 0.3 0.5 0.3 0.3 0.3 0.3 0.5 0.3 0.5 0.3 0.3 0.3 0.3 0.3 0.3 0.3 0.3 0.5 0.3 0.3 0.3 0.3 0.3 0.3 0.3 0.3 0.3 0.3 fitness: -0.991 cooked: none raw: none migrations: 0

fitness: -0.6855 cooked: none

raw: none

fitness: 0 cooked: none raw: none



Opportunistic: before >> after

1 0.8 0.5 0.5 0.5 8.0 0.5 0.8 0.8 1.3 0.8 8.0 0.8 0.8 0.8 0.8 0.8 0.8 8.0

0.3

migrations: 0 0.5 8.0 0.5 0.5 8.0 0.5 0.8 8.0 0.8 0.8 8.0 0.8 0.8 8.0 0.8

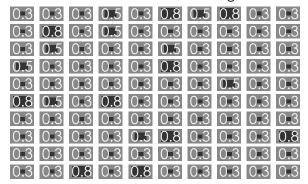
0.8

0.3

Minimal: before >> after

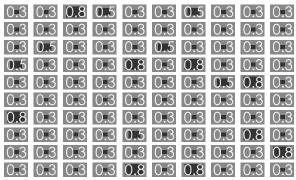
0.3 0.3 0.8 0.5 0.3 0.3 0.5 0.3 0.3 0.3 0.3 0.3 0.3 0.5 0.3 0.3 0.3 0.3 0.3 0.3 0.3 0.5 0.3 0.8 0.3 0.5 0.3 0.3 0.3 **0.5** 0.3 0.3 0.3 0.3 0.3 0.3 0.3 0.3 0.3 0.3 0.3 0.3 0.3 0.3 0.3 0.3 0.5 0.3 0.3 0.3 0.3 0.3 0.3 0.3 0.3 0.3 0.3 0.3 0.3 0.3 0.3 0.3 0.5 0.3 0.8 0.3 0.3 0.3 0.3 0.3 0.3 0.3 0.3 0.3 0.3 0.3 0.3 0.3 0.3 0.3 0.3 0.3 fitness: 0 cooked: none raw: none migrations: 0

8.0



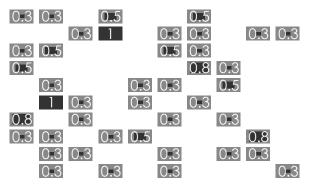
fitness: 0.3884 cooked: none raw: none migrations: 0

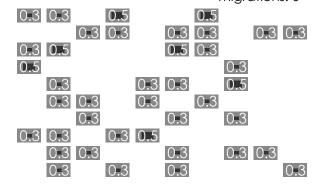
0.3	0.3	8.0	0.5	0.3	0.3	0.5	0.3	0.3	0.3
0.3	0.3	0.3	1	0.3	0.3	0.3	0.3	0.3	0.3
0.3	0.5	0.3	0.3	0.3	0.5	0.3	0.3	0.3	0.3
0.5	0.3	0.3	0.3	8.0	0.3	8.0	0.3	0.3	0.3
0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.5	8.0	0.3
0.3	1	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
8.0	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
0.3	0.3	0.3	0.3	0.5	0.3	0.3	0.3	8.0	0.3
0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	8.0
0.3	0.3	0.3	0.3	8.0	0.3	8.0	0.3	0.3	0.3



fitness: -0.2218 cooked: none raw: none migrations: 0

Brutal: before >> after





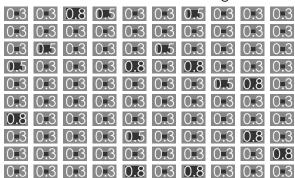
Opportunistic: before >> after raw: M1 (2.85) M2 (369) M3 (6) M4 (0.83)

fitness: -0.3108 cooked: M1(0.24) M2(0.29) M3(0.25) M4(0.97)

	0.5	1.3	0	.5	-	0.5		0.	5
	0.5	0.5				0.	5 0.5		
8.0		0.5	8.0	8.0	8.0		0.5	8.0	8.0
8.0	0.8	8.0	8.0	0.8	8.0	8.0	8.0	8.0	8.0
1.3					8.0				
			1	.3				0.	5
	8.0	3				0.	8		
			1	.3					
0.3					0.3				

Minimal: before >> after

0.3	0.3	8.0	0.5	0.3	0.3	0.5	0.3	0.3	0.3	
0.3	0.3	0.3	1	0.3	0.3	0.3	0.3	0.3	0.3	
0.3	0.5	0.3	0.3	0.3	0.5	0.3	0.3	0.3	0.3	
0.5	0.3	0.3	0.3	8.0	0.3	8.0	0.3	0.3	0.3	
0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.5	8.0	0.3	
0.3	1	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	
8.0	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	
0.3	0.3	0.3	0.3	0.5	0.3	0.3	0.3	8.0	0.3	
0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	8.0	
0.3	0.3	0.3	0.3	8.0	0.3	0.8	0.3	0.3	0.3	



Conventional: before >> after

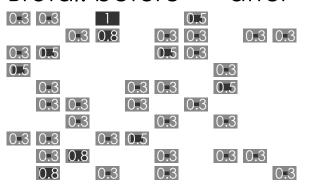
0.3 0.3 0.3 1 0.8 0.3 0.5 0.3 0.3 0.3 0.3 0.3 0.3 0.8 0.3 0.3 0.3 0.3 0.3 0.3 0.3 0.5 0.3 0.3 0.3 0.5 0.3 0.3 0.3 0.3 0.8 0.8 0.3 0.3 0.8 0.8 0.3 0.3 0.3 0.3 0.5 0.8 0.3 0.3 0.3 0.3 0.3 0.3 0.3 0.3 0.3 0.3 0.3 0.3 0.3 0.3 0.3 0.5 0.3 0.3 0.8 0.3 0.3 0.3 0.3 0.3 0.8 0.8 0.3 0.3 0.3 0.3 0.3 0.3 0.3

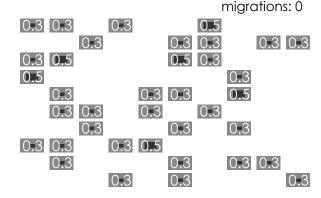
migrations: 0 0.3 0.3 0.3 0.3 0.8 0.3 0.5 0.3 0.3 0.3 8.0 0.3 0.3 0.5 0.3 0.3 0.5 0.3 0.3 0.3 0.3 0.3 0.8 0.8 0.3 0.3 0.8 0.8 0.3 0.3 0.3 0.3 0.5 0.3 0.3 0.8 0.3 0.3 0.3 0.3 0.5 0.3 0.3 0.8 0.3 0.3 0.8 0.3 0.8 0.8 0.3 0.3 0.3 0.3 0.3 0.3 0.3

fitness: -0.5509 cooked: none raw: none

fitness: 0.0159 cooked: none raw: none

Brutal: before >> after





Opportunistic: before >> after

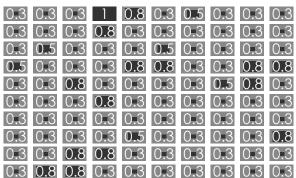
cooked: M1(0.24) M2(0.3) M3(0.25) M4(1) raw: M1(2.85) M2(380) M3(6) M4(0.87) migrations: 1

fitness: -0.343

0.3

Minimal: before >> after

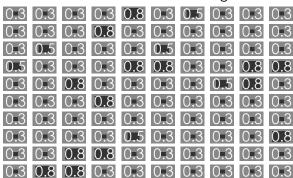
0.3



fitness: 0.0159 cooked: none raw: none migrations: 0

0.5

0.8



unitload=0.25,pack=0.4,amax=2,w1=3,w2=1.5,w3=1,w4=0.5

4/19

Conventional: before >> after

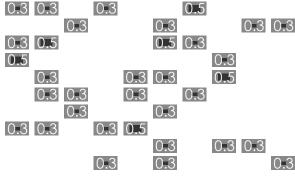
0.3 0.3 0.3 0.3 0.8 0.3 0.5 0.3 0.3 0.3 0.3 0.3 0.3 0.8 0.3 0.3 0.3 0.3 0.3 0.3 0.3 0.5 0.3 0.3 0.3 0.5 0.3 0.3 0.5 0.3 0.3 0.3 0.8 0.8 0.3 0.3 0.8 0.8 0.3 0.3 0.3 0.3 0.5 0.8 0.8 0.3 0.3 0.3 0.3 0.3 0.3 0.3 0.3 0.3 0.3 0.3 0.3 0.3 0.3 0.5 0.3 0.3 0.8 0.8 0.3 0.3 0.3 0.3 0.3 0.8 0.8 0.3 0.3 0.3 0.3 0.3 0.3 0.3

migrations: 0 0.3 0.3 0.8 0.3 0.3 0.3 0.5 0.3 0.3 0.3 0.3 0.3 0.3 0.3 0.8 0.3 0.8 0.3 0.3 0.3 0.5 0.3 0.3 0.5 0.3 0.3 0.3 0.3 0.3 0.3 0.3 0.3 0.3 0.3 0.3 0.3 0.3 0.3 0.5 0.3 0.3 0.3 0.3 0.3 0.3 0.3 0.3 0.3 0.3 0.8 0.3 0.5 0.3 0.3 0.3 0.3 0.3 0.3 0.3 0.3 0.3 0.3 0.3 0.3 0.3 0.3 0.3 0.3

Brutal: before >> after

0.3 0.3 0.3 0.5 0.3 0.8 0.3 0.3 0.3 0.3 0.5 0.5 0.3 0.5 0.3 0.3 0.3 0.3 0.5 0.3 0.3 0.3 0.3 0.3 0.3 8.0 0.3 0.3 0.5 0.8 0.3 0.3 0.3 0.3 0.3 0.3 fitness: -0.4463 cooked: none raw: none migrations: 0

fitness: 0 cooked: none raw: none



Opportunistic: before >> after

fitness: -0.268 cooked: none raw: none migrations: 0

0.8

8.0

0.8

0.8

0.3

0.8

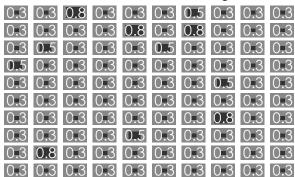
0.5

0.8

Minimal: before >> after

0.3

0.3 0.3 0.3 0.3 0.8 0.3 0.5 0.3 0.3 0.3 0.3 0.3 0.3 0.8 0.3 0.3 0.3 0.3 0.3 0.3 0.5 0.3 0.3 0.3 0.5 0.3 0.3 0.3 **0.5** 0.3 0.3 0.3 **0.8** 0.8 0.3 0.3 0.8 0.8 0.3 0.3 0.3 0.3 0.5 0.8 0.3 0.3 0.8 0.3 0.3 0.3 0.3 0.3 0.3 0.3 0.3 0.3 0.3 0.3 0.3 0.5 0.3 0.30.3 0.3 0.8 0.3 0.3 0.3 0.8 0.8 0.3 0.3 0.3 0.3 0.3 0.3 0.3



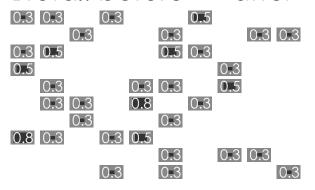
0.3 0.3 0.8 0.3 0.3 0.3 0.5 0.3 0.3 0.3 0.3 0.3 0.3 0.3 0.8 0.3 0.8 0.3 0.3 0.3 0.3 0.5 0.3 0.3 0.3 0.5 0.3 0.3 0.3 0.5 0.3 0.3 0.3 0.3 0.3 0.3 0.3 0.3 0.3 0.3 0.3 0.3 0.3 0.3 0.3 0.5 0.3 0.3 0.3 0.3 0.3 0.3 0.3 0.3 0.3 0.3 0.3 0.3 0.3 0.3 0.3 0.3 0.3 0.8 0.3 0.3 0.3 0.3 0.3 0.3 0.3 0.3 0.3 0.3 0.3 0.3 0.3 0.3

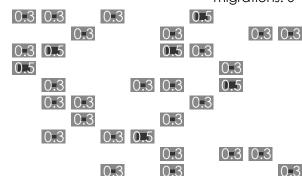
migrations: 0 0.3 0.3 0.3 0.3 0.8 0.3 0.5 0.3 0.3 0.8 0.3 0.3 0.3 0.3 0.8 0.3 0.3 0.8 0.3 0.3 0.3 0.5 0.3 0.3 0.3 0.5 0.3 0.3 0.3 0.3 0.3 0.3 0.3 0.3 0.8 0.3 0.8 0.3 0.3 0.3 0.3 0.5 0.3 0.3 0.3 0.8 0.3 0.3 0.3 0.3 0.3 0.3 0.3 0.3 0.3 0.3 0.3 0.5 0.3 0.3 0.3 0.3 0.3 0.3 0.3 0.3 0.8 0.3 0.3 0.3 0.3 0.3 0.3 0.3

fitness: -0.9589 cooked: none raw: none migrations: 0

fitness: 0 cooked: none raw: none

Brutal: before >> after





fitness: -0.5535 cooked: none raw: none migrations: 0

0.8

8.0

Opportunistic: before >> after



0.3

Minimal: before >> after

0.3	0.8	0.3	3 0.5 0.3	0.3 0.3
0.3 0.3	0.3	0.8	0.8 0.3	0.3 0.3
0.3 0.5	0.3	0.3 0.3	5 0.3 0.3	0.3 0.3
0.5 0.3	0.3	0.3	0.3 0.3	0.3 0.3
0.3 0.3	0.3	0.3	0.3 0.5	0.3 0.3
0.3 0.3	0.3	0.3	0.3 0.3	0.3 0.3
0.3 0.3	0.3	0.3	0.3 0.8	0.3 0.3
0.3 0.3	0.3	0.5	0.3 0.3	0.3 0.3
0.3 0.8	0.3	0.3	0.3 0.3	0.3 0.3
0.3 0.3	0.3 0.3	0.3 0.3	3 0.3 0.3	0.3 0.3

0.3	0.3	0.3	0.3	8.0	0.3	0.5	0.3	0.3	8.0
0.3	0.3	0.3	0.3	8.0	0.3	0.3	8.0	0.3	0.3
0.3	0.5	0.3	0.3	0.3	0.5	0.3	0.3	0.3	0.3
0.5	0.3	0.3	0.3	0.3	0.3	0.3	0.3	8.0	0.3
0.3	0.3	8.0	0.3	0.3	0.3	0.3	0.5	0.3	0.3
0.3	0.3	0.3	0.3	8.0	0.3	0.3	0.3	0.3	0.3
0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
8.0	0.3	0.3	0.3	0.5	0.3	0.3	0.3	0.3	0.3
0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
0.3	0.3	8.0	0.3	0.3	0.3	0.3	0.3	0.3	0.3

Conventional: before >> after

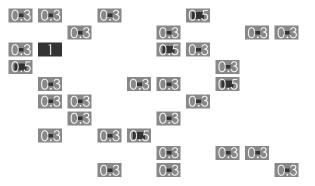
0.3 0.3 0.3 0.3 0.3 0.3 0.5 0.3 0.8 0.8 0.3 0.3 0.3 0.3 0.8 0.3 0.3 1 0.3 0.3 0.3 0.5 0.3 0.3 0.8 0.5 0.3 0.3 0.3 0.3 0.3 0.3 0.3 0.3 0.3 0.3 0.3 0.3 0.3 0.5 0.3 0.3 0.3 0.3 0.3 0.3 0.3 0.3 0.3 0.3 0.3 0.3 0.3 0.3 0.3 0.5 0.3 0.3 0.3 0.3 0.3 0.3 0.3 0.8 0.3 0.3 0.3 0.3 0.3 0.3 0.3 0.3 0.3

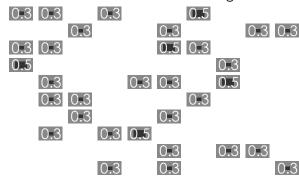
migrations: 0 0.3 0.3 0.3 0.3 0.3 0.3 0.5 0.3 0.8 0.8 0.8 0.3 0.5 0.3 0.3 0.3 0.3 0.3 0.3 0.3 0.3 0.3 0.3 0.3 0.3 0.3 0.3 0.5 0.3 0.3 0.3 0.3 0.3 0.3 0.3 0.3 0.3 0.5 0.3 0.3 0.3 0.3 0.3 0.3 0.8 0.3 0.3 0.3 0.3 0.3 0.3 0.3 0.3 0.3

> fitness: -0.2197 cooked: none raw: none migrations: 0

> fitness: 0.0099 cooked: none raw: none

Brutal: before >> after





fitness: 0 cooked: none raw: none migrations: 0

0.8

8.0

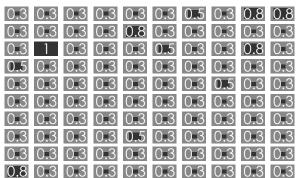
Opportunistic: before >> after

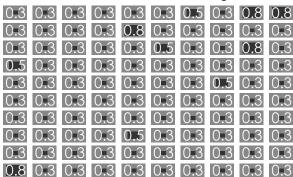
0.5 0.5 0.8 0.8 0.8 8.0 0.8 0.8 8.0 0.8 0.8 0.8

0.8

Minimal: before >> after

0.3





Conventional: before >> after

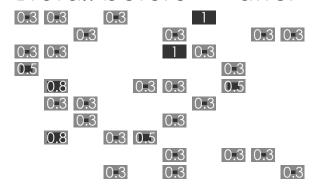
0.3 0.3 0.3 0.3 0.3 0.3 0.3 0.8 0.8 0.3 0.3 0.3 0.3 0.3 0.3 0.3 0.3 0.3 0.3 1 0.3 0.3 0.5 0.3 0.3 0.8 0.3 0.3 0.3 0.3 0.3 0.3 0.8 0.3 0.3 0.3 0.3 0.3 0.5 0.3 0.3 0.3 0.3 0.3 0.3 0.3 0.3 0.3 0.3 0.3 0.3 0.3 0.3 0.3 0.3 0.8 0.3 0.3 0.5 0.3 0.3 0.3 0.3 0.3 0.3 0.3 0.3 0.3 0.3 0.3 0.3 0.3 0.3 0.3 0.3 0.3

migrations: 0 0.3 0.3 0.3 0.3 0.3 0.3 0.3 0.3 0.3 0.8 0.8 0.3 0.3 0.3 0.3 0.3 0.3 0.3 0.3 0.3 0.3 0.8 0.3 0.3 0.3 0.3 0.3 0.8 0.3 0.3 0.3 0.3 0.3 0.5 0.3 0.3 0.3 0.3 0.3 0.3 0.3 0.3 0.3 0.3 0.3 0.5 0.3 0.3 0.3 0.3 0.3 0.3 0.3 0.3 0.3 0.3 0.3 0.3 0.3 0.3 0.3 0.3

fitness: 0.1127 cooked: none raw: none migrations: 0

fitness: 0.3893 cooked: none raw: none

Brutal: before >> after



0.3 0.3 0.3 0.3 0.3 0.3 0.3 0.3 0.3 0.3 0.3 0.3 0.5 0.3 0.3 0.3 0.5 0.3 0.3 0.3 0.3 0.3 0.3 0.5 0.3 0.3 0.3 0.3 0.3 0.3

0.5

0.8

0.8

Opportunistic: before >> after

 0.5

 1.3
 0.8

 0.8

fitness: -0.2973 cooked: none raw: none migrations: 0

0.8

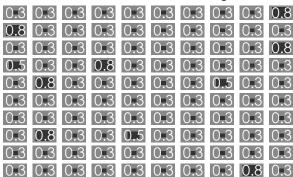
0.3

Minimal: before >> after

0.8

0.3

0.3 0.3 0.3 0.3 0.3 0.3 0.3 0.3 0.8 0.3 0.3 0.3 0.3 0.3 0.3 0.3 0.3 0.3 0.3 0.3 0.3 0.3 0.3 0.3 **0.5** 0.3 0.3 **0.8** 0.3 0.3 0.3 0.3 0.3 0.3 0.8 0.3 0.3 0.3 0.3 0.3 0.5 0.3 0.3 0.3 0.3 0.3 0.3 0.3 0.3 0.3 0.3 0.3 0.3 0.3 0.3 0.5 0.3 0.3 0.3 0.3 0.3 0.3 0.3 0.3 0.3 0.3 0.3 0.3 0.3 0.3 0.3 0.3



Conventional: before >> after

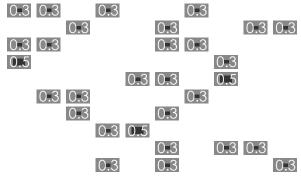
0.3 0.3 0.3 0.3 0.3 0.3 0.3 0.3 0.8 0.8 0.3 0.3 0.3 0.3 0.3 0.3 0.3 0.3 0.3 0.3 0.3 0.3 0.3 0.5 0.3 0.3 0.8 0.3 0.3 0.3 0.3 0.3 0.3 0.8 0.3 0.3 0.3 0.3 0.3 0.5 0.3 0.3 0.3 0.3 0.3 0.3 0.3 0.3 0.3 0.3 0.3 0.3 0.3 0.3 0.5 0.3 0.3 0.3 0.3 0.3 0.3 0.3 0.3 0.3 0.3 0.3 0.3 0.3 0.3 0.3 0.3 0.3

migrations: 0 0.3 0.3 0.3 0.3 0.3 0.3 0.3 0.3 0.3 0.3 0.8 0.3 0.3 0.3 0.3 0.3 0.3 0.3 0.3 0.3 0.3 0.3 0.3 0.3 0.3 0.5 0.3 0.3 0.3 0.3 0.3 0.3 0.3 0.3 0.5 0.3 0.3 0.3 0.3 0.8 0.3 0.3 0.3 0.3 0.8 0.3 0.3 0.3 0.3 0.3

Brutal: before >> after

0.3 0.3 0.3 0.3 0.3 0.3 0.3 0.3 0.3 0.3 0.3 0.3 0.5 0.3 0.3 0.3 0.5 0.3 0.3 0.3 0.3 0.3 0.3 0.5 0.3 0.3 0.3 0.3 0.3 0.3 fitness: -0.741 cooked: none raw: none migrations: 0

fitness: 0 cooked: none raw: none



Opportunistic: before >> after

0.5 0.8 0.8

fitness: 0 cooked: none raw: none migrations: 0

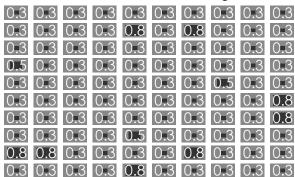
0.5 0.8 0.8

0.3

Minimal: before >> after

0.8

0.3 **0.5** 0.3 0.3 **0.8** 0.3 0.3 0.3 0.3 0.3 0.3 0.8 0.3 0.3 0.3 0.3 0.3 0.5 0.3 0.3 0.3 0.3 0.3 0.3 0.3 0.3 0.3 0.3 0.3 0.3 0.3 0.3 0.5 0.3 0.30.3 0.3 0.3 0.3 0.3 0.3 0.3 0.3 0.3 0.3 0.3 0.3 0.3 0.3 fitness: 0 cooked: none raw: none migrations: 0



0.8

Conventional: before >> after

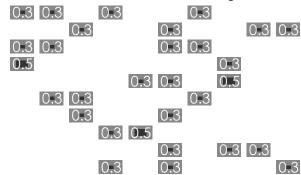
0.3 0.3 0.3 0.3 0.3 0.3 0.3 0.3 0.3 0.3 0.3 0.3 0.3 0.8 0.3 0.8 0.3 0.3 0.3 0.3 0.3 0.3 0.3 0.3 0.3 0.3 0.3 0.3 0.3 0.3 0.3 0.3 0.3 0.3 0.3 0.5 0.3 0.3 0.3 0.3 0.3 0.3 0.3 0.3 0.3 0.3 0.3 0.3 0.3 0.3 0.5 0.3 0.3 0.3 0.3 0.3 0.8 0.3 0.3 0.3 0.3 0.8 0.3 0.3 0.3 0.3 0.3

migrations: 0 0.3 0.8 0.3 0.3 0.3 0.5 0.3 0.3 0.3 0.3 0.3 0.3 0.3 0.3 0.5 0.3 0.3 0.3 0.3 0.3 0.3 0.3 0.3 0.3 0.3 0.3 0.3 0.3 0.3 0.3 0.3

Brutal: before >> after

0.3 0.3 0.3 0.3 0.3 0.3 0.3 0.3 0.3 0.3 0.3 0.5 0.3 0.3 0.3 0.5 0.3 0.3 0.3 0.3 0.3 0.3 0.5 0.3 0.3 0.3 0.3 0.3 0.3 fitness: -0.491 cooked: none raw: none migrations: 0

fitness: 0 cooked: none raw: none



0.5

0.8

0.8

Opportunistic: before >> after

0.5 0.8 0.8

fitness: 0 cooked: none raw: none migrations: 0

0.8

0.3

Minimal: before >> after

0.8

0.3 0.3 0.3 0.3 0.3 0.3 0.3 0.3 0.3 0.3 0.8 0.3 0.8 0.3 0.5 0.3 0.3 0.3 0.3 0.3 0.3 0.3 0.3 0.3 0.3 0.3 0.5 0.3 0.3 0.3 0.3 0.3 0.3 0.3 8.0 0.3 0.3 0.3 0.3 0.8 0.3 0.3 0.3 0.3 0.3

