Comment:

Experiment7	Setting
Mutation type	0: Uniform
	1: Normal
Crossover type	0: probabilistic crossover
	1: Single point crossover
	2: linear combination crossover
Local search type	0: Uniform
	1: Normal
Local search pattern	0: best of genotype and multiple phenotypes
	1: best of genotype and phenotype

SSGA (N, Pc)



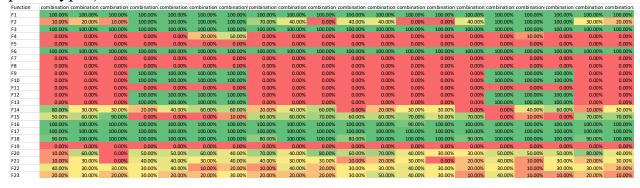
Lamarck (N, Pc, Nls, 1)

This table is generated by mutation type: normal, crossover type: probabilistic crossover and local search type: normal. The final phenotype is min (1 genotype, 1 phenotype).



Lamarck (N, Pc, Nls, N)

This table is generated by mutation type: normal, crossover type: probabilistic crossover and local search type: normal. The final phenotype is min (1 genotype, 3 phenotypes).



Lamarck (N, Pc, Nls, 1)- SSGA (N, Pc)

Function	combination	combination c	combination	combination:	combination o	ombination	combination!	combination	combination:	combination	combination.	combination	combination:							
F1	100.00%	10.00%	50.00%	0.00%	0.00%	0.00%	0.00%	80.00%	90.00%	60.00%	70.00%	0.00%	90.00%	20.00%	0.00%	0.00%	0.00%	0.00%	10.00%	30.00%
F2	0.00%	10.00%	0.00%	0.00%	0.00%	0.00%	0.00%	10.00%	-10.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	10.00%	0.00%
F3	100.00%	0.00%	60.00%	0.00%	0.00%	0.00%	0.00%	60.00%	80.00%	60.00%	70.00%	0.00%	90.00%	10.00%	0.00%	0.00%	0.00%	0.00%	30.00%	30.00%
F4	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
F5	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
F6	90.00%	0.00%	70.00%	0.00%	0.00%	0.00%	0.00%	80.00%	60.00%	60.00%	100.00%	0.00%	90.00%	0.00%	0.00%	0.00%	0.00%	0.00%	30.00%	30.00%
F7	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
F8	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
F9	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
F10	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
F11	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
F12	0.00%	-10.00%	0.00%	80.00%	90.00%	90.00%	70.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100.00%	100.00%	80.00%	0.00%	0.00%
F13	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
F14	10.00%	0.00%	20.00%	10.00%	20.00%	30.00%	10.00%	10.00%	-10.00%	30.00%	-10.00%	-10.00%	-10.00%	30.00%	-10.00%	0.00%	-30.00%	-20.00%	20.00%	-10.00%
F15	-40.00%	-10.00%	-30.00%	0.00%	0.00%	0.00%	10.00%	0.00%	-30.00%	20.00%	-10.00%	10.00%	20.00%	0.00%	-40.00%	0.00%	10.00%	0.00%	-10.00%	-10.00%
F16	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	10.00%	0.00%	0.00%	0.00%	0.00%	0.00%
F17	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
F18	10.00%	-10.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	-10.00%	20.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	-20.00%	0.00%
F19	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
F20	0.00%	30.00%	-10.00%	10.00%	-30.00%	50.00%	-10.00%	10.00%	0.00%	0.00%	10.00%	20.00%	-20.00%	-30.00%	-20.00%	40.00%	-20.00%	-30.00%	20.00%	30.00%
F21	10.00%	20.00%	-30.00%	-20.00%	10.00%	20.00%	-30.00%	-30.00%	-10.00%	-20.00%	-20.00%	-20.00%	-30.00%	0.00%	-10.00%	-10.00%	20.00%	10.00%	10.00%	-10.00%
F22	30.00%	20.00%	20.00%	10.00%	10.00%	20.00%	20.00%	10.00%	20.00%	10.00%	20.00%	20.00%	20.00%	-20.00%	10.00%	0.00%	-10.00%	-20.00%	10.00%	-20.00%
F23	30.00%	20.00%	-20.00%	40.00%	40.00%	10.00%	-10.00%	10.00%	-20.00%	40.00%	30.00%	0.00%	0.00%	10.00%	-10.00%	30.00%	30.00%	20.00%	0.00%	10.00%

Lamarck (N, Pc, Nls, N)- SSGA (N, Pc)

		•						_ `												
Function	combination c	ombination of	ombination c	ombination c	combination	combination c	ombination co	ombination c	ombination c	combination	combination c	ombination c	ombination c	ombination	combination	combination co	ombination o	ombination	combination of	:ombination:
F1	100.00%	10.00%	50.00%	0.00%	0.00%	0.00%	0.00%	80.00%	90.00%	100.00%	70.00%	0.00%	100.00%	20.00%	0.00%	0.00%	0.00%	0.00%	100.00%	100.00%
F2	10.00%	20.00%	10.00%	0.00%	0.00%	0.00%	0.00%	70.00%	30.00%	0.00%	40.00%	40.00%	0.00%	0.00%	40.00%	0.00%	0.00%	0.00%	30.00%	20.00%
F3	100.00%	0.00%	60.00%	0.00%	0.00%	0.00%	0.00%	60.00%	80.00%	100.00%	70.00%	0.00%	90.00%	10.00%	0.00%	0.00%	0.00%	0.00%	100.00%	100.00%
F4	0.00%	0.00%	0.00%	0.00%	0.00%	20.00%	50.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	10.00%	0.00%	0.00%	0.00%
F5	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
F6	100.00%	0.00%	70.00%	0.00%	0.00%	0.00%	0.00%	80.00%	60.00%	100.00%	100.00%	0.00%	90.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100.00%	100.00%
F7	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
F8	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
F9	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
F10	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
F11	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
F12	0.00%	-10.00%	0.00%	80.00%	90.00%	90.00%	70.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100.00%	100.00%	80.00%	0.00%	0.00%
F13	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
F14	60.00%	0.00%	-10.00%	-30.00%	-10.00%	50.00%	40.00%	10.00%	10.00%	20.00%	-20.00%	-10.00%	-10.00%	30.00%	-40.00%	-10.00%	-10.00%	20.00%	10.00%	20.00%
F15	-40.00%	-20.00%	-10.00%	0.00%	0.00%	0.00%	10.00%	0.00%	-10.00%	20.00%	10.00%	10.00%	20.00%	-10.00%	-10.00%	0.00%	10.00%	0.00%	10.00%	10.00%
F16	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	-10.00%	0.00%	10.00%	0.00%	0.00%	0.00%	0.00%	0.00%
F17	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
F18	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	-10.00%	0.00%	0.00%	-10.00%	20.00%	10.00%	0.00%	0.00%	0.00%	0.00%	0.00%	-10.00%	0.00%
F19	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
F20	-30.00%	40.00%	-40.00%	30.00%	-20.00%	50.00%	-10.00%	30.00%	0.00%	30.00%	20.00%	50.00%	-10.00%	-30.00%	-20.00%	30.00%	-30.00%	-20.00%	40.00%	10.00%
F21	-30.00%	10.00%	-50.00%	-10.00%	20.00%	30.00%	-10.00%	-10.00%	-10.00%	0.00%	-30.00%	-30.00%	-20.00%	-40.00%	0.00%	20.00%	0.00%	0.00%	0.00%	-10.00%
F22	40.00%	10.00%	30.00%	10.00%	30.00%	0.00%	20.00%	-10.00%	30.00%	0.00%	10.00%	10.00%	30.00%	10.00%	20.00%	20.00%	-10.00%	10.00%	20.00%	0.00%
F23	20.00%	20.00%	-10.00%	30.00%	20.00%	10.00%	10.00%	10.00%	-10.00%	20.00%	30.00%	20.00%	40.00%	10.00%	0.00%	30.00%	0.00%	10.00%	10.00%	0.00%

Lamarck (N, Pc, Nls, N)- Lamarck (N, Pc, Nls, 1)

Function	combination co	ombination o	ombination co	ombination	combination	ombination c	ombination c	om bination	combination:	combination	combination	combination	combination c	ombination	combination:	combination c	ombination	combination	combination c	ombination:
F1	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	40.00%	0.00%	0.00%	10.00%	0.00%	0.00%	0.00%	0.00%	0.00%	90.00%	70.00%
F2	10.00%	10.00%	10.00%	0.00%	0.00%	0.00%	0.00%	60.00%	40.00%	0.00%	40.00%	40.00%	0.00%	0.00%	40.00%	0.00%	0.00%	0.00%	20.00%	20.00%
F3	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	40.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	70.00%	70.00%
F4	0.00%	0.00%	0.00%	0.00%	0.00%	20.00%	50.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	10.00%	0.00%	0.00%	0.00%
F5	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
F6	10.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	40.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	70.00%	70.00%
F7	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
F8	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
F9	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
F10	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
F11	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
F12	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
F13	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
F14	50.00%	0.00%	-30.00%	-40.00%	-30.00%	20.00%	30.00%	0.00%	20.00%	-10.00%	-10.00%	0.00%	0.00%	0.00%	-30.00%	-10.00%	20.00%	40.00%	-10.00%	30.00%
F15	0.00%	-10.00%	20.00%	0.00%	0.00%	0.00%	0.00%	0.00%	20.00%	0.00%	20.00%	0.00%	0.00%	-10.00%	30.00%	0.00%	0.00%	0.00%	20.00%	20.00%
F16	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	-10.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
F17	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
F18	-10.00%	10.00%	0.00%	0.00%	0.00%	0.00%	0.00%	-10.00%	0.00%	0.00%	0.00%	0.00%	10.00%	0.00%	0.00%	0.00%	0.00%	0.00%	10.00%	0.00%
F19	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
F20	-30.00%	10.00%	-30.00%	20.00%	10.00%	0.00%	0.00%	20.00%	0.00%	30.00%	10.00%	30.00%	10.00%	0.00%	0.00%	-10.00%	-10.00%	10.00%	20.00%	-20.00%
F21	-40.00%	-10.00%	-20.00%	10.00%	10.00%	10.00%	20.00%	20.00%	0.00%	20.00%	-10.00%	-10.00%	10.00%	-40.00%	10.00%	30.00%	-20.00%	-10.00%	-10.00%	0.00%
F22	10.00%	-10.00%	10.00%	0.00%	20.00%	-20.00%	0.00%	-20.00%	10.00%	-10.00%	-10.00%	-10.00%	10.00%	30.00%	10.00%	20.00%	0.00%	30.00%	10.00%	20.00%
F23	-10.00%	0.00%	10.00%	-10.00%	-20.00%	0.00%	20.00%	0.00%	10.00%	-20.00%	0.00%	20.00%	40.00%	0.00%	10.00%	0.00%	-30.00%	-10.00%	10.00%	-10.00%

SSGA (N, SPc)



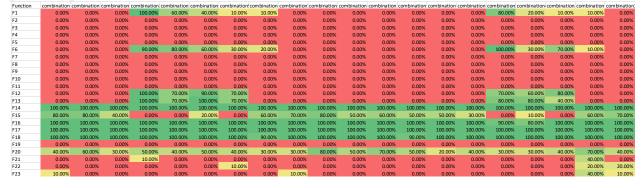
Lamarck (N, SPc, Nls, 1)

This table is generated by mutation type: normal, crossover type: single point crossover and local search type: normal. The final phenotype is min (1 genotype, 1 phenotype).



Lamarck (N, SPc, Nls, N)

This table is generated by mutation type: normal, crossover type: single point crossover and local search type: normal. The final phenotype is min (1 genotype, 3 phenotypes).



Lamarck (N, SPc, Nls, 1)- SSGA (N, SPc)

			-	-					-											
Function	combination co	ombination co	mbination co	ombination o	ombination	ombination	combination! c	ombination c	ombination:	ombination o	ombination o	ombination o	combination co	ombination	combination c	ombination c	ombination	ombination o	ombination co	ombination:
F1	0.00%	0.00%	0.00%	70.00%	10.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	60.00%	0.00%	0.00%	0.00%	0.00%
F2	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
F3	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
F4	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
F5	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
F6	0.00%	0.00%	0.00%	60.00%	50.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	50.00%	20.00%	10.00%	0.00%	0.00%
F7	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
F8	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
F9	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
F10	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
F11	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
F12	0.00%	0.00%	0.00%	70.00%	0.00%	40.00%	20.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	50.00%	20.00%	0.00%	0.00%	0.00%
F13	0.00%	0.00%	0.00%	80.00%	20.00%	40.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	30.00%	10.00%	0.00%	0.00%	0.00%
F14	0.00%	0.00%	10.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	10.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
F15	60.00%	20.00%	0.00%	0.00%	0.00%	0.00%	0.00%	10.00%	50.00%	50.00%	10.00%	10.00%	0.00%	10.00%	0.00%	0.00%	0.00%	0.00%	-40.00%	-30.00%
F16	0.00%	10.00%	40.00%	10.00%	20.00%	10.00%	0.00%	10.00%	0.00%	0.00%	0.00%	0.00%	0.00%	50.00%	0.00%	20.00%	50.00%	40.00%	0.00%	0.00%
F17	0.00%	10.00%	40.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	10.00%	90.00%	10.00%	0.00%	10.00%	0.00%	0.00%	0.00%
F18	0.00%	0.00%	20.00%	0.00%	0.00%	0.00%	0.00%	10.00%	0.00%	10.00%	20.00%	10.00%	10.00%	30.00%	10.00%	0.00%	0.00%	10.00%	0.00%	-10.00%
F19	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
F20	30.00%	0.00%	10.00%	-10.00%	30.00%	30.00%	-20.00%	20.00%	-20.00%	40.00%	-10.00%	10.00%	30.00%	0.00%	0.00%	-10.00%	0.00%	0.00%	-20.00%	0.00%
F21	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	10.00%
F22	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	30.00%	10.00%
F23	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	10.00%	20.00%

Lamarck (N, SPc, Nls, N)- SSGA (N, SPc)

combination c	ombination co	ombination co	ombination o	ombination	combination c	ombination co	ombination c	ombination c	ombination c	ombination c	ombination co	ombination co	ombination	combination	ombination c	ombination c	ombination c	ombination co	ombination:
0.00%	0.00%	0.00%	90.00%	60.00%	40.00%	10.00%	10.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	80.00%	20.00%	10.00%	10.00%	0.00%
0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
0.00%	0.00%	0.00%	60.00%	80.00%	60.00%	30.00%	20.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	90.00%	30.00%	70.00%	10.00%	0.00%
0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
0.00%	0.00%	0.00%	100.00%	70.00%	90.00%	70.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	70.00%	60.00%	80.00%	0.00%	0.00%
0.00%	0.00%	0.00%	100.00%	70.00%	100.00%	70.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	80.00%	80.00%	40.00%	0.00%	0.00%
0.00%	0.00%	10.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	10.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
70.00%	80.00%	40.00%	0.00%	0.00%	20.00%	0.00%	40.00%	60.00%	80.00%	50.00%	60.00%	50.00%	50.00%	20.00%	0.00%	10.00%	0.00%	-10.00%	0.00%
0.00%	10.00%	40.00%	20.00%	40.00%	20.00%	10.00%	10.00%	0.00%	0.00%	0.00%	0.00%	0.00%	60.00%	10.00%	40.00%	60.00%	60.00%	0.00%	0.00%
0.00%	10.00%	40.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	10.00%	90.00%	10.00%	0.00%	10.00%	0.00%	0.00%	0.00%
0.00%	0.00%	20.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	10.00%	20.00%	10.00%	10.00%	30.00%	10.00%	0.00%	0.00%	10.00%	10.00%	10.00%
0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
20.00%	60.00%	30.00%	30.00%	40.00%	30.00%	10.00%	0.00%	-20.00%	80.00%	20.00%	70.00%	50.00%	20.00%	40.00%	10.00%	30.00%	40.00%	0.00%	-10.00%
0.00%	0.00%	0.00%	10.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	40.00%	0.00%
0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	10.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	20.00%	10.00%
10.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	10.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	40.00%	10.00%
	0.00% 0.00% 0.00% 0.00% 0.00% 0.00% 0.00% 0.00% 0.00% 0.00% 0.00% 0.00% 0.00% 0.00% 0.00% 0.00% 0.00% 0.00%	0.00% 0.00%	0.00% 0.00%	0.00% 0.00%	0.00% 0.00%	0.00% 0.00% 0.00% 0.00% 0.00% 0.00% 40.00% 0.00%	0.00% 0.00% 0.00% 0.00% 0.00% 0.00% 40.00% 0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00% 0.00	0.00% 0.00	0.00% 0.00				0.00% 0.00

Lamarck (N, SPc, Nls, N)- Lamarck (N, SPc, Nls, 1)

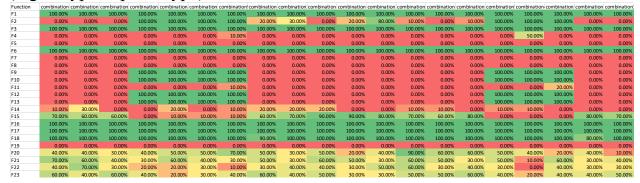
Function	combination	combination co	mbination c	ombination c	ombination of	combination	combination!	combination	combination:	combination	combination	ombination c	ombination co	ombination	ombination	combination co	ombination	ombination o	ombination c	ombination:
F1	0.00%	0.00%	0.00%	20.00%	50.00%	40.00%	10.00%	10.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	20.00%	20.00%	10.00%	10.00%	0.00%
F2	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
F3	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
F4	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
F5	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
F6	0.00%	0.00%	0.00%	0.00%	30.00%	60.00%	30.00%	20.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	40.00%	10.00%	60.00%	10.00%	0.00%
F7	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
F8	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
F9	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
F10	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
F11	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
F12	0.00%	0.00%	0.00%	30.00%	70.00%	50.00%	50.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	20.00%	40.00%	80.00%	0.00%	0.00%
F13	0.00%	0.00%	0.00%	20.00%	50.00%	60.00%	70.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	50.00%	70.00%	40.00%	0.00%	0.00%
F14	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
F15	10.00%	60.00%	40.00%	0.00%	0.00%	20.00%	0.00%	30.00%	10.00%	30.00%	40.00%	50.00%	50.00%	40.00%	20.00%	0.00%	10.00%	0.00%	30.00%	30.00%
F16	0.00%	0.00%	0.00%	10.00%	20.00%	10.00%	10.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	10.00%	10.00%	20.00%	10.00%	20.00%	0.00%	0.00%
F17	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
F18	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	-10.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	10.00%	20.00%
F19	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
F20	-10.00%	60.00%	20.00%	40.00%	10.00%	0.00%	30.00%	-20.00%	0.00%	40.00%	30.00%	60.00%	20.00%	20.00%	40.00%	20.00%	30.00%	40.00%	20.00%	-10.00%
F21	0.00%	0.00%	0.00%	10.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	40.00%	-10.00%
F22	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	10.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	-10.00%	0.00%
F23	10.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	10.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	30.00%	-10.00%

SSGA (N, LCc)



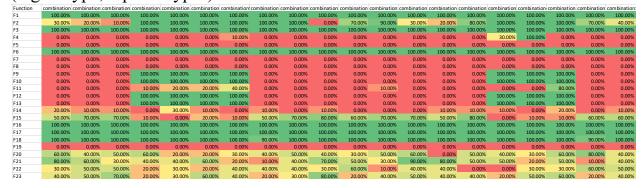
Lamarck (N, LCc, Nls, 1)

This table is generated by mutation type: normal, crossover type: linear combination crossover and local search type: normal. The final phenotype is min (1 genotype, 1 phenotype).



Lamarck (N, LCc, Nls, N)

This table is generated by mutation type: normal, crossover type: linear combination crossover and local search type: normal. The final phenotype is min (1 genotype, 3 phenotypes).



Lamarck (N, LCc, Nls, 1)- SSGA (N, LCc)

		•	,	,	,	,			. ,		,									
Function	combination c	ombination o	ombination	combination	combination c	ombination	combination!	combination	combination	combination	combination o	combination	:ombination:							
F1	0.00%	0.00%	50.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	70.00%	0.00%	0.00%	40.00%	0.00%	0.00%	0.00%	0.00%	0.00%	30.00%	20.00%
F2	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	20.00%	30.00%	0.00%	0.00%	70.00%	10.00%	0.00%	10.00%	0.00%	0.00%	0.00%	0.00%	0.00%
F3	10.00%	0.00%	20.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	50.00%	0.00%	0.00%	50.00%	10.00%	0.00%	0.00%	0.00%	0.00%	20.00%	0.00%
F4	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	10.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	50.00%	0.00%	0.00%	0.00%
F5	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
F6	0.00%	0.00%	40.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	90.00%	0.00%	0.00%	20.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	10.00%
F7	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
F8	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
F9	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
F10	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
F11	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	10.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	20.00%	0.00%	0.00%
F12	-30.00%	-20.00%	-20.00%	60.00%	80.00%	80.00%	70.00%	-10.00%	-10.00%	-10.00%	-10.00%	-30.00%	0.00%	-10.00%	-20.00%	90.00%	100.00%	70.00%	-20.00%	0.00%
F13	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
F14	10.00%	30.00%	-20.00%	-10.00%	20.00%	0.00%	10.00%	20.00%	10.00%	20.00%	0.00%	0.00%	0.00%	10.00%	-10.00%	-10.00%	10.00%	0.00%	0.00%	-10.00%
F15	10.00%	-30.00%	-10.00%	0.00%	10.00%	0.00%	10.00%	20.00%	-10.00%	20.00%	20.00%	30.00%	10.00%	10.00%	0.00%	-10.00%	0.00%	0.00%	50.00%	-10.00%
F16	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
F17	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
F18	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	-10.00%	10.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	-10.00%	0.00%
F19	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
F20	-10.00%	10.00%	-30.00%	-30.00%	10.00%	20.00%	10.00%	0.00%	0.00%	20.00%	-30.00%	0.00%	50.00%	20.00%	10.00%	0.00%	-20.00%	0.00%	-10.00%	-40.00%
F21	10.00%	30.00%	-20.00%	0.00%	10.00%	10.00%	10.00%	30.00%	-20.00%	10.00%	10.00%	-20.00%	20.00%	10.00%	-40.00%	30.00%	-40.00%	10.00%	-10.00%	0.00%
F22	40.00%	70.00%	-40.00%	0.00%	0.00%	10.00%	0.00%	0.00%	0.00%	10.00%	0.00%	40.00%	30.00%	-10.00%	10.00%	20.00%	-20.00%	10.00%	10.00%	0.00%
F23	30.00%	10.00%	20.00%	40.00%	-20.00%	10.00%	40.00%	30.00%	20.00%	30.00%	0.00%	10.00%	0.00%	30.00%	40.00%	30.00%	20.00%	20.00%	10.00%	20.00%

Lamarck (N, LCc, Nls, N)- SSGA (N, LCc)

									•											
Function	combination c	ombination c	ombination of	combination o	ombination c	ombination of	combination(c	ombination c	ombination c	ombination	combination of	ombination	combination c	ombination	combination	combination c	ombination	combination of	combination c	ombination:
F1	0.00%	0.00%	50.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	70.00%	0.00%	0.00%	40.00%	0.00%	0.00%	0.00%	0.00%	0.00%	30.00%	20.00%
F2	30.00%	20.00%	10.00%	0.00%	0.00%	0.00%	0.00%	100.00%	100.00%	0.00%	50.00%	80.00%	30.00%	20.00%	80.00%	0.00%	0.00%	0.00%	70.00%	40.00%
F3	10.00%	0.00%	20.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	50.00%	0.00%	0.00%	50.00%	10.00%	0.00%	0.00%	0.00%	0.00%	20.00%	0.00%
F4	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	10.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	30.00%	100.00%	0.00%	0.00%	0.00%
F5	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
F6	0.00%	0.00%	40.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	90.00%	0.00%	0.00%	20.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	10.00%
F7	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
F8	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
F9	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
F10	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
F11	0.00%	0.00%	0.00%	10.00%	20.00%	20.00%	40.00%	0.00%	0.00%	0.00%	0.00%	10.00%	0.00%	0.00%	0.00%	0.00%	0.00%	80.00%	0.00%	0.00%
F12	-30.00%	-20.00%	-20.00%	60.00%	80.00%	80.00%	70.00%	-10.00%	-10.00%	-10.00%	-10.00%	-30.00%	0.00%	-10.00%	-20.00%	90.00%	100.00%	70.00%	-20.00%	0.00%
F13	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
F14	20.00%	10.00%	-10.00%	-10.00%	30.00%	10.00%	0.00%	10.00%	-10.00%	10.00%	0.00%	0.00%	-10.00%	10.00%	0.00%	-10.00%	0.00%	20.00%	0.00%	0.00%
F15	-10.00%	-20.00%	0.00%	10.00%	0.00%	10.00%	10.00%	10.00%	-10.00%	10.00%	-10.00%	20.00%	10.00%	0.00%	0.00%	-10.00%	10.00%	10.00%	30.00%	-20.00%
F16	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
F17	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
F18	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	-10.00%	10.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
F19	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
F20	10.00%	10.00%	-10.00%	-10.00%	-20.00%	-10.00%	-30.00%	-10.00%	20.00%	10.00%	-20.00%	10.00%	20.00%	-40.00%	0.00%	-10.00%	-30.00%	40.00%	30.00%	-10.00%
F21	20.00%	30.00%	-30.00%	10.00%	-10.00%	30.00%	0.00%	-10.00%	-10.00%	20.00%	10.00%	-20.00%	50.00%	40.00%	-20.00%	30.00%	-30.00%	0.00%	-30.00%	0.00%
F22	30.00%	50.00%	-20.00%	0.00%	10.00%	0.00%	30.00%	10.00%	0.00%	0.00%	30.00%	0.00%	10.00%	0.00%	-30.00%	-10.00%	10.00%	0.00%	40.00%	20.00%
F23	10.00%	20.00%	30.00%	20.00%	-10.00%	40.00%	40.00%	-10.00%	10.00%	60.00%	-10.00%	20.00%	0.00%	20.00%	20.00%	10.00%	50.00%	40.00%	-10.00%	10.00%

Lamarck (N, LCc, Nls, N)- Lamarck (N, LCc, Nls, 1)

Function	combination c	ombination o	ombination co	ombination o	ombination o	ombination c	ombination! co	ombination co	ombination co	ombination c	ombination c	ombination c	ombination co	ombination of	ombination c	ombination co	ombination co	ombination c	ombination co	ambination:
F1	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
F2	30.00%	20.00%	10.00%	0.00%	0.00%	0.00%	0.00%	80.00%	70.00%	0.00%	50.00%	10.00%	20.00%	20.00%	70.00%	0.00%	0.00%	0.00%	70.00%	40.00%
F3	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
F4	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	30.00%	50.00%	0.00%	0.00%	0.00%
F5	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
F6	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
F7	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
F8	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
F9	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
F10	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
F11	0.00%	0.00%	0.00%	10.00%	20.00%	20.00%	30.00%	0.00%	0.00%	0.00%	0.00%	10.00%	0.00%	0.00%	0.00%	0.00%	0.00%	60.00%	0.00%	0.00%
F12	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
F13	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
F14	10.00%	-20.00%	10.00%	0.00%	10.00%	10.00%	-10.00%	-10.00%	-20.00%	-10.00%	0.00%	0.00%	-10.00%	0.00%	10.00%	0.00%	-10.00%	20.00%	0.00%	10.00%
F15	-20.00%	10.00%	10.00%	10.00%	-10.00%	10.00%	0.00%	-10.00%	0.00%	-10.00%	-30.00%	-10.00%	0.00%	-10.00%	0.00%	0.00%	10.00%	10.00%	-20.00%	-10.00%
F16	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
F17	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
F18	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	10.00%	0.00%
F19	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
F20	20.00%	0.00%	20.00%	20.00%	-30.00%	-30.00%	-40.00%	-10.00%	20.00%	-10.00%	10.00%	10.00%	-30.00%	-60.00%	-10.00%	-10.00%	-10.00%	40.00%	40.00%	30.00%
F21	10.00%	0.00%	-10.00%	10.00%	-20.00%	20.00%	-10.00%	-40.00%	10.00%	10.00%	0.00%	0.00%	30.00%	30.00%	20.00%	0.00%	10.00%	-10.00%	-20.00%	0.00%
F22	-10.00%	-20.00%	20.00%	0.00%	10.00%	-10.00%	30.00%	10.00%	0.00%	-10.00%	30.00%	-40.00%	-20.00%	10.00%	-40.00%	-30.00%	30.00%	-10.00%	30.00%	20.00%
F23	-20.00%	10.00%	10.00%	-20.00%	10.00%	30.00%	0.00%	-40.00%	-10.00%	30.00%	-10.00%	10.00%	0.00%	-10.00%	-20.00%	-20.00%	30.00%	20.00%	-20.00%	-10.00%