Comment:

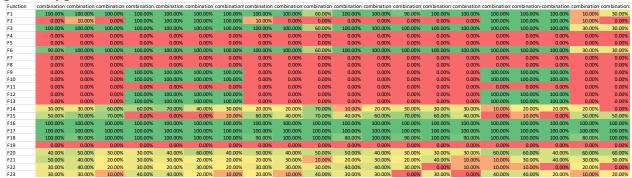
Experiment7	Setting
Mutation type	0: Uniform
	1: Normal
Crossover type	0: probabilistic crossover
	1: Single point crossover
	2: linear combination crossover
Local search type	0: Uniform
	1: Normal
Local search pattern	0: best of genotype and multiple phenotypes
	1: best of genotype and phenotype

SSGA (N, Pc)



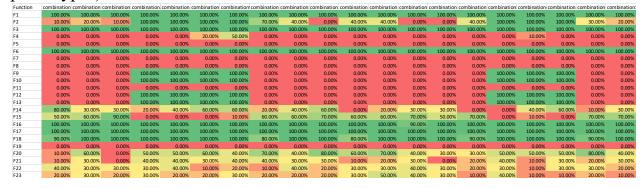
Lamarck (N, Pc, Nls, 1)

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:																		
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 of	combination	combination	combination of	combination	combination	combination! c	ombination	combination	combination	combination of	ombination o	combination	combination	combination	combination c	ombination	combination	combination c	: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)

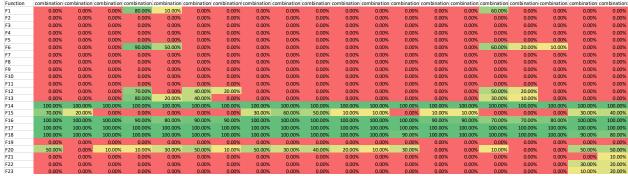
Function	combination co	ombination o	ombination co	ombination.	combination of	ombination c	ombination c	om bination	combination:	combination	combination	combination	combination c	ombination	combination	combination c	ombination	combination	combination c	ombination:
F1	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	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)



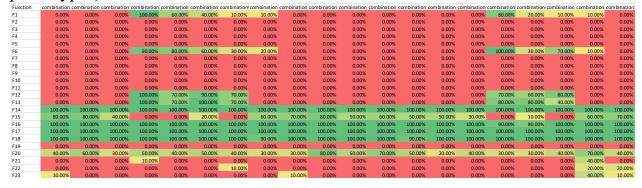
Lamarck (N, SPc, Nls, 1)

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).



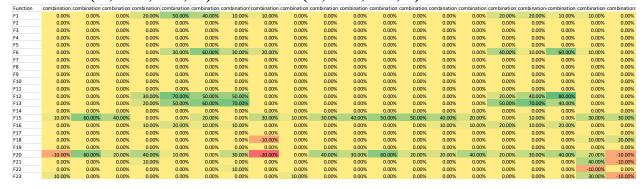
Lamarck (N, SPc, Nls, 1)- SSGA (N, SPc)

Function	combination c	ombination com	bination c	ombination c	ombination o	combination	combination!	combination	combination:	combination	combination	combination	combination c	ombination	combination	combination	combination	combination	combination	combination:
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)

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Function	combination c	ombination	combination o	ombination c	ombination o	ombination	combination co	ombination c	ombination c	ombination c	ombination o	ombination c	ombination c	ombination c	ombination	combination c	ombination o	ombination o	combination c	ombination:
F1	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%
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%	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%
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%	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%
F13	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%
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	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%
F16	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%
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%	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%
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%	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%
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%	0.00%
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%	20.00%	10.00%
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%	40.00%	10.00%

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

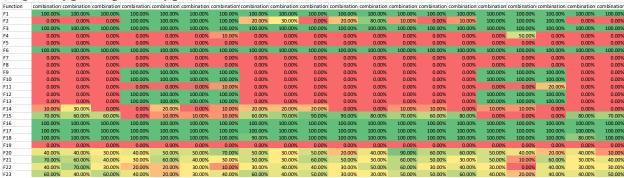


SSGA (N, LCc)



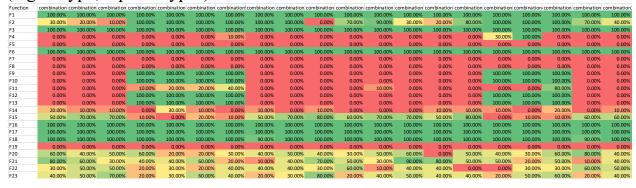
Lamarck (N, LCc, Nls, 1)

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, NIs, 1)- SSGA (N, LCc)

			-	-		_					-									
Function	combination of	ombination	combination	combination.	combination	combination	combination!	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	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	combination	combination.	combination of	ombination	combination!	combination	combination	combination	combination c	ombination	combination	combination	combination	combination c	ombination	combination	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 c	ombination c	ombination of	combination o	ombination c	combination! c	ombination c	ombination c	ombination c	combination c	ombination co	ombination o	ombination c	ombination c	ombination:				
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%

SSGA (U, Pc)

Function	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
F1	0.00%	0.00%	0.00%	100.00%	100.00%	100.00%	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100.00%	100.00%	100.00%	0.00%	0.00%
F2	0.00%	0.00%	0.00%	100.00%	100.00%	100.00%	100.00%	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%
F3	0.00%	0.00%	0.00%	100.00%	100.00%	100.00%	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100.00%	100.00%	100.00%	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%	100.00%	100.00%	100.00%	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100.00%	100.00%	100.00%	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%	0.00%	10.00%	10.00%	20.00%	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%
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	30.00%	40.00%	30.00%	40.00%	30.00%	30.00%	20.00%	40.00%	50.00%	50.00%	10.00%	20.00%	30.00%	10.00%	0.00%	10.00%	30.00%	70.00%	10.00%	50.00%
F15	70.00%	60.00%	50.00%	0.00%	0.00%	0.00%	0.00%	60.00%	70.00%	80.00%	50.00%	60.00%	90.00%	50.00%	50.00%	0.00%	0.00%	0.00%	60.00%	80.00%
F16	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	90.00%	100.00%	100.00%	90.00%	100.00%	100.00%	90.00%	100.00%	100.00%	100.00%	100.00%	90.00%	100.00%
F17	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%
F18	90.00%	100.00%	90.00%	100.00%	100.00%	90.00%	100.00%	100.00%	100.00%	100.00%	80.00%	90.00%	80.00%	90.00%	100.00%	90.00%	90.00%	90.00%	70.00%	90.00%
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	40.00%	50.00%	30.00%	30.00%	70.00%	30.00%	60.00%	50.00%	50.00%	60.00%	30.00%	30.00%	50.00%	50.00%	50.00%	40.00%	70.00%	30.00%	40.00%	60.00%
F21	20.00%	20.00%	30.00%	60.00%	10.00%	20.00%	30.00%	30.00%	30.00%	40.00%	40.00%	40.00%	50.00%	20.00%	20.00%	10.00%	30.00%	60.00%	20.00%	30.00%
F22	40.00%	10.00%	20.00%	10.00%	10.00%	0.00%	0.00%	0.00%	0.00%	30.00%	50.00%	10.00%	0.00%	20.00%	30.00%	20.00%	0.00%	30.00%	0.00%	10.00%
F23	30.00%	0.00%	0.00%	10.00%	40.00%	20.00%	10.00%	30.00%	10.00%	30.00%	20.00%	20.00%	0.00%	10.00%	20.00%	10.00%	20.00%	60.00%	20.00%	10.00%

Lamarck (U, Pc, Uls, N)

Function	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
F1	0.00%	0.00%	0.00%	100.00%	100.00%	100.00%	100.00%	30.00%	20.00%	0.00%	0.00%	100.00%	0.00%	20.00%	100.00%	100.00%	100.00%	100.00%	0.00%	0.00%
F2	0.00%	0.00%	0.00%	100.00%	100.00%	100.00%	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100.00%	100.00%	100.00%	0.00%	0.00%
F3	0.00%	0.00%	0.00%	100.00%	100.00%	100.00%	100.00%	40.00%	0.00%	0.00%	0.00%	100.00%	0.00%	20.00%	90.00%	100.00%	100.00%	100.00%	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%	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%
F6	0.00%	0.00%	0.00%	100.00%	100.00%	100.00%	100.00%	50.00%	10.00%	0.00%	10.00%	100.00%	0.00%	10.00%	90.00%	100.00%	100.00%	100.00%	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%	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%
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	40.00%	40.00%	40.00%	60.00%	20.00%	20.00%	60.00%	20.00%	60.00%	30.00%	20.00%	20.00%	30.00%	50.00%	30.00%	10.00%	30.00%	50.00%	10.00%	50.00%
F15	60.00%	70.00%	90.00%	20.00%	30.00%	100.00%	80.00%	40.00%	70.00%	70.00%	30.00%	70.00%	90.00%	70.00%	30.00%	0.00%	50.00%	20.00%	60.00%	50.00%
F16	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	90.00%	100.00%	100.00%	100.00%	100.00%	90.00%	90.00%	100.00%	90.00%	90.00%	100.00%	100.00%	100.00%	100.00%
F17	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%
F18	90.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	70.00%	100.00%	100.00%	90.00%	50.00%	80.00%	90.00%	100.00%	90.00%	90.00%	100.00%	100.00%	100.00%
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	40.00%	60.00%	40.00%	50.00%	20.00%	50.00%	70.00%	30.00%	40.00%	70.00%	60.00%	30.00%	50.00%	40.00%	50.00%	50.00%	30.00%	30.00%	50.00%	10.00%
F21	40.00%	20.00%	30.00%	20.00%	20.00%	40.00%	40.00%	30.00%	30.00%	40.00%	20.00%	40.00%	0.00%	10.00%	30.00%	20.00%	30.00%	0.00%	30.00%	10.00%
F22	30.00%	50.00%	20.00%	50.00%	10.00%	30.00%	10.00%	10.00%	30.00%	10.00%	0.00%	10.00%	10.00%	20.00%	30.00%	30.00%	10.00%	0.00%	20.00%	0.00%
F23	30.00%	30.00%	40.00%	10.00%	10.00%	0.00%	20.00%	30.00%	30.00%	30.00%	50.00%	0.00%	60.00%	20.00%	10.00%	30.00%	30.00%	30.00%	10.00%	60.00%

Lamarck (U, Pc, Uls, N)-SSGA (U, Pc)

Function	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
F1	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	30.00%	20.00%	0.00%	0.00%	100.00%	0.00%	20.00%	100.00%	0.00%	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%	20.00%	0.00%	0.00%
F3	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	40.00%	0.00%	0.00%	0.00%	100.00%	0.00%	20.00%	90.00%	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%	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%
F6	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	50.00%	10.00%	0.00%	10.00%	100.00%	0.00%	10.00%	90.00%	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%	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%
F12	0.00%	0.00%	0.00%	0.00%	-10.00%	-10.00%	-20.00%	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%
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%	10.00%	20.00%	-10.00%	-10.00%	40.00%	-20.00%	10.00%	-20.00%	10.00%	0.00%	0.00%	40.00%	30.00%	0.00%	0.00%	-20.00%	0.00%	0.00%
F15	-10.00%	10.00%	40.00%	20.00%	30.00%	100.00%	80.00%	-20.00%	0.00%	-10.00%	-20.00%	10.00%	0.00%	20.00%	-20.00%	0.00%	50.00%	20.00%	0.00%	-30.00%
F16	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	-10.00%	10.00%	0.00%	0.00%	10.00%	-10.00%	-10.00%	10.00%	-10.00%	-10.00%	0.00%	0.00%	10.00%	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%	10.00%	0.00%	0.00%	10.00%	0.00%	-30.00%	0.00%	0.00%	10.00%	-40.00%	0.00%	0.00%	0.00%	0.00%	0.00%	10.00%	30.00%	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	0.00%	10.00%	10.00%	20.00%	-50.00%	20.00%	10.00%	-20.00%	-10.00%	10.00%	30.00%	0.00%	0.00%	-10.00%	0.00%	10.00%	-40.00%	0.00%	10.00%	-50.00%
F21	20.00%	0.00%	0.00%	-40.00%	10.00%	20.00%	10.00%	0.00%	0.00%	0.00%	-20.00%	0.00%	-50.00%	-10.00%	10.00%	10.00%	0.00%	-60.00%	10.00%	-20.00%
F22	-10.00%	40.00%	0.00%	40.00%	0.00%	30.00%	10.00%	10.00%	30.00%	-20.00%	-50.00%	0.00%	10.00%	0.00%	0.00%	10.00%	10.00%	-30.00%	20.00%	-10.00%
F23	0.00%	30.00%	40.00%	0.00%	-30.00%	-20.00%	10.00%	0.00%	20.00%	0.00%	30.00%	-20.00%	60.00%	10.00%	-10.00%	20.00%	10.00%	-30.00%	-10.00%	50.00%

SSGA (U, SPc)

Function	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
F1	0.00%	0.00%	0.00%	70.00%	80.00%	90.00%	70.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	90.00%	60.00%	40.00%	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%	100.00%	90.00%	90.00%	70.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	80.00%	90.00%	40.00%	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%	0.00%	0.00%	0.00%	0.00%	0.00%	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%	50.00%	40.00%	50.00%	30.00%	50.00%	60.00%	20.00%	50.00%	50.00%	20.00%	10.00%	10.00%	10.00%	20.00%	10.00%	0.00%	10.00%	20.00%	40.00%
F15	70.00%	60.00%	80.00%	20.00%	0.00%	10.00%	10.00%	20.00%	60.00%	60.00%	70.00%	50.00%	50.00%	40.00%	60.00%	20.00%	0.00%	0.00%	60.00%	80.00%
F16	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	90.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%
F17	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%
F18	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%
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	50.00%	50.00%	50.00%	60.00%	70.00%	70.00%	50.00%	20.00%	80.00%	50.00%	70.00%	90.00%	40.00%	20.00%	60.00%	60.00%	40.00%	30.00%	60.00%	30.00%
F21	0.00%	0.00%	10.00%	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%	30.00%	30.00%
F22	10.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	10.00%	20.00%	0.00%	0.00%	0.00%	10.00%	0.00%	0.00%	0.00%	0.00%	0.00%	10.00%	0.00%
F23	0.00%	0.00%	0.00%	10.00%	0.00%	0.00%	10.00%	10.00%	0.00%	20.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	20.00%	30.00%

Lamarck (U, SPc, Uls, N)

		•	-	,	_	,														
Function	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
F1	0.00%	0.00%	0.00%	100.00%	100.00%	100.00%	100.00%	0.00%	0.00%	0.00%	0.00%	60.00%	0.00%	20.00%	40.00%	100.00%	100.00%	100.00%	0.00%	0.00%
F2	0.00%	0.00%	0.00%	80.00%	80.00%	90.00%	30.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	10.00%	0.00%	60.00%	0.00%	0.00%
F3	0.00%	0.00%	0.00%	100.00%	100.00%	100.00%	100.00%	0.00%	0.00%	0.00%	0.00%	30.00%	0.00%	30.00%	40.00%	100.00%	100.00%	100.00%	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%	10.00%	100.00%	100.00%	100.00%	100.00%	0.00%	0.00%	0.00%	0.00%	50.00%	0.00%	0.00%	20.00%	100.00%	100.00%	100.00%	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%	0.00%	0.00%	0.00%	0.00%	0.00%	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	20.00%	60.00%	20.00%	40.00%	40.00%	50.00%	70.00%	10.00%	20.00%	0.00%	10.00%	10.00%	10.00%	0.00%	0.00%	0.00%	0.00%	20.00%	10.00%	50.00%
F15	60.00%	80.00%	90.00%	50.00%	70.00%	80.00%	80.00%	70.00%	60.00%	60.00%	70.00%	20.00%	50.00%	40.00%	50.00%	60.00%	60.00%	70.00%	60.00%	70.00%
F16	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	90.00%	100.00%	100.00%	100.00%	90.00%	100.00%
F17	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%
F18	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	90.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	90.00%	100.00%
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	60.00%	50.00%	30.00%	50.00%	50.00%	50.00%	40.00%	50.00%	60.00%	40.00%	70.00%	60.00%	30.00%	50.00%	70.00%	60.00%	90.00%	60.00%	60.00%	50.00%
F21	10.00%	0.00%	0.00%	50.00%	40.00%	30.00%	40.00%	20.00%	30.00%	40.00%	20.00%	0.00%	20.00%	0.00%	10.00%	20.00%	20.00%	30.00%	20.00%	40.00%
F22	40.00%	30.00%	30.00%	40.00%	20.00%	40.00%	40.00%	10.00%	50.00%	50.00%	20.00%	10.00%	10.00%	0.00%	20.00%	30.00%	70.00%	0.00%	40.00%	20.00%
F23	30.00%	10.00%	30.00%	30.00%	50.00%	70.00%	50.00%	40.00%	20.00%	0.00%	20.00%	10.00%	20.00%	0.00%	0.00%	40.00%	50.00%	50.00%	20.00%	20.00%

Lamarck (U, SPc, Uls, N)-SSGA (U, SPc)

Function	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
F1	0.00%	0.00%	0.00%	30.00%	20.00%	10.00%	30.00%	0.00%	0.00%	0.00%	0.00%	60.00%	0.00%	20.00%	40.00%	10.00%	40.00%	60.00%	0.00%	0.00%
F2	0.00%	0.00%	0.00%	80.00%	80.00%	90.00%	30.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	10.00%	0.00%	60.00%	0.00%	0.00%
F3	0.00%	0.00%	0.00%	100.00%	100.00%	100.00%	100.00%	0.00%	0.00%	0.00%	0.00%	30.00%	0.00%	30.00%	40.00%	100.00%	100.00%	100.00%	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%	10.00%	0.00%	10.00%	10.00%	30.00%	0.00%	0.00%	0.00%	0.00%	50.00%	0.00%	0.00%	20.00%	20.00%	10.00%	60.00%	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%	0.00%	0.00%	0.00%	0.00%	0.00%	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	-30.00%	10.00%	-20.00%	-10.00%	10.00%	0.00%	10.00%	-10.00%	-30.00%	-50.00%	-10.00%	0.00%	0.00%	-10.00%	-20.00%	-10.00%	0.00%	10.00%	-10.00%	10.00%
F15	-10.00%	20.00%	10.00%	30.00%	70.00%	70.00%	70.00%	50.00%	0.00%	0.00%	0.00%	-30.00%	0.00%	0.00%	-10.00%	40.00%	60.00%	70.00%	0.00%	-10.00%
F16	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%	-10.00%	0.00%	0.00%	0.00%	-10.00%	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%	-10.00%	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%	0.00%	-20.00%	-10.00%	-20.00%	-20.00%	-10.00%	30.00%	-20.00%	-10.00%	0.00%	-30.00%	-10.00%	30.00%	10.00%	0.00%	50.00%	30.00%	0.00%	20.00%
F21	10.00%	0.00%	-10.00%	50.00%	40.00%	30.00%	40.00%	10.00%	20.00%	40.00%	20.00%	0.00%	20.00%	0.00%	10.00%	20.00%	20.00%	30.00%	-10.00%	10.00%
F22	30.00%	30.00%	30.00%	40.00%	20.00%	40.00%	40.00%	0.00%	30.00%	50.00%	20.00%	10.00%	0.00%	0.00%	20.00%	30.00%	70.00%	0.00%	30.00%	20.00%
F23	30.00%	10.00%	30.00%	20.00%	50.00%	70.00%	40.00%	30.00%	20.00%	-20.00%	20.00%	10.00%	20.00%	0.00%	0.00%	40.00%	50.00%	50.00%	0.00%	-10.00%