	500.1	1000.2	2000.5	5000.1
bb.ackley	-1	0	0	0
bb.alpine	-1	0	0	0
bb.eggholder	-1	0	0	0
bb.elliptic	-1	0	0	0
bb.goldsteinprice	-1	0	0	0
bb.griewank	-1	0	0	0
bb.levy	-1	0	0	0
bb.michalewicz	-1	0	0	0
bb.quadric	-1	0	0	0
bb.quartic	-1	-1	1	-1
bb.rastrigin	-1	0	0	0
bb.rosenbrock	1	1	-1	1
bb.salomon	-1	0	0	0
bb.schwefel1_2	-1	0	0	0
bb.schwefel2_22	-1	0	0	0
bb.schwefel2_26	-1	0	0	0
bb.sixhump	-1	0	0	0
bb.spherical	-1	0	0	0
bb.step	-1	0	0	0
bb.zakharov	-1	0	0	0
bba.ackley	-1	0	0	0
bba.alpine	-1	0	0	0
bba.eggholder	0	0	0	0
bba.elliptic	-1	0	0	0
bba.goldsteinprice	-1	0	0	0
bba.griewank	-1	0	0	0
bba.levy	-1	0	0	0
bba.michalewicz	-1	0	0	0
bba.quadric	-1	0	0	0
bba.quartic	-1	0	0	0
bba.rastrigin	-1	0	0	0
bba.rosenbrock	1	0	0	0
bba.salomon	-1	0	0	0
bba.schwefel1_2	-1	0	0	0
bba.schwefel2_22	-1	0	0	0
bba.schwefel2_26	0	0	0	0
bba.sixhump	0	0	0	0
bba.spherical	-1	0	0	0
bba.step	-1	0	0	0
bba.zakharov	-1	0	0	0
gbest.ackley	-1	0	0	0
gbest.alpine	-1	0	0	0
gbest.eggholder	-1	0	0	0
gbest.elliptic	-1	0	0	0
gbest.goldsteinprice	-1	0	0	0
gbest.griewank	-1	0	0	0
gbest.levy	-1	0	0	0
gbest.michalewicz	-1	0	0	0
gbest.quadric	-1	0	0	0
gbest.quartic	-1	0	0	0
gbest.rastrigin	-1	-1	0	0
gbest.rosenbrock	1	0	0	0
gbest.salomon	-1	0	0	0
gbest.schwefel1_2	-1	0	0	0
gbest.schwefel2_22	-1	0	0	0

gbest.schwefel2_26	-1	0	0	0
gbest.sixhump	-1	0	0	0
gbest.spherical	-1	0	0	0
gbest.step	-1	0	0	0
gbest.zakharov	-1	0	0	0
gbestgc.ackley	-1	0	0	0
gbestgc.alpine	-1	0	0	0
gbestgc.eggholder	-1	0	0	0
gbestgc.elliptic	-1	0	0	0
gbestgc.goldsteinprice	-1	0	0	0
gbestgc.griewank	-1	1	-1	1
gbestgc.levy	-1	0	0	0
gbestgc.michalewicz	-1	0	0	0
gbestgc.quadric	-1	0	0	0
gbestgc.quartic	-1	0	0	0
gbestgc.rastrigin	-1	0	0	0
gbestgc.rosenbrock	1	0	0	0
gbestgc.salomon	-1	0	0	0
gbestgc.schwefel1_2	-1	0	0	0
gbestgc.schwefel2_22	-1	0	0	0
gbestgc.schwefel2_26	-1	0	0	0
gbestgc.sixhump	-1	0	0	0
gbestgc.spherical	-1	0	0	0
gbestgc.step	-1	0	0	0
gbestgc.zakharov	-1	0	0	0
lbest.ackley	-1	0	0	0
lbest.alpine	-1	0	0	0
lbest.eggholder	0	0	0	0
lbest.elliptic	-1	0	0	0
lbest.goldsteinprice	-1	0	0	0
lbest.griewank	-1	0	0	0
lbest.levy	-1	-1	1	-1
lbest.michalewicz	-1	0	0	0
lbest.quadric	-1	0	0	0
lbest.quartic	-1	0	0	0
lbest.rastrigin	-1	0	0	0
lbest.rosenbrock	-1	0	0	0
lbest.salomon	-1	0	0	0
lbest.schwefel1_2	-1	0	0	0
lbest.schwefel2_22	-1	0	0	0
lbest.schwefel2_26	0	0	0	0
lbest.sixhump	0	0	0	0
lbest.spherical	-1	0	0	0
lbest.step	-1	0	0	0
lbest.zakharov	-1	0	0	0
lbestgc.ackley	-1	0	0	0
lbestgc.alpine	-1	0	0	0
lbestgc.eggholder	-1	0	0	0
lbestgc.elliptic	-1	0	0	0
lbestgc.goldsteinprice	-1	0	0	0
lbestgc.griewank	-1	0	0	0
lbestgc.levy	-1	0	0	0
lbestgc.michalewicz	-1	0	0	0
lbestgc.quadric	-1	0	0	0
lbestgc.quartic	-1	0	0	0
lbestgc.rastrigin	-1	0	0	0

lbestgc.rosenbrock	-1	0	0	0
lbestgc.salomon	-1	0	0	0
lbestgc.schwefel1_2	-1	0	0	0
lbestgc.schwefel2_22	-1	0	0	0
lbestgc.schwefel2_26	-1	0	0	0
lbestgc.sixhump	-1	0	0	0
lbestgc.spherical	-1	0	0	0
lbestgc.step	-1	0	0	0
lbestgc.zakharov	-1	0	0	0
spso.ackley	-1	0	0	0
spso.alpine	-1	0	0	0
spso.eggholder	-1	0	0	0
spso.elliptic	-1	0	0	0
spso.goldsteinprice	-1	0	0	0
spso.griewank	-1	0	0	0
spso.levy	-1	0	0	0
spso.michalewicz	-1	0	0	0
spso.quadric	-1	0	0	0
spso.quartic	-1	0	0	0
spso.rastrigin	-1	1	-1	1
spso.rosenbrock	-1	0	0	0
spso.salomon	-1	0	0	0
spso.schwefel1_2	-1	0	0	0
spso.schwefel2_22	-1	0	0	0
spso.schwefel2_26	-1	0	0	0
spso.sixhump	-1	0	0	0
spso.spherical	-1	0	0	0
spso.step	-1	0	0	0
spso.zakharov	-1	0	0	0
vn.ackley	-1	0	0	0
vn.alpine	-1	0	0	0
vn.eggholder	-1	0	0	0
vn.elliptic	-1	1	-1	1
vn.goldsteinprice	-1	-1	1	0
vn.griewank	-1	0	0	0
vn.levy	-1	0	0	0
vn.michalewicz	-1	0	0	0
vn.quadric	-1	0	0	0
vn.quartic	-1	0	0	0
vn.rastrigin	-1	0	0	0
vn.rosenbrock	-1	0	0	0
vn.salomon	-1	0	0	0
vn.schwefel1_2	-1	0	0	0
vn.schwefel2_22	-1	1	-1	1
vn.schwefel2_26	0	0	0	0
vn.sixhump	0	0	0	0
vn.spherical	-1	0	0	0
vn.step	-1	0	0	0
vn.zakharov	-1	0	0	0
vngc.ackley	-1	0	0	0
vngc.alpine	-1	0	0	0
vngc.eggholder	0	0	0	0
vngc.elliptic	-1	0	0	0
vngc.goldsteinprice	-1	0	0	0
vngc.griewank	-1	-1	1	-1
vngc.levy	-1	0	0	0

vngc.michalewicz	0	0	0	0
vngc.quadric	-1	0	0	0
vngc.quartic	-1	0	0	0
vngc.rastrigin	-1	0	0	0
vngc.rosenbrock	-1	0	0	0
vngc.salomon	-1	0	0	0
vngc.schwefel1_2	-1	0	0	0
vngc.schwefel2_22	-1	0	0	0
vngc.schwefel2_26	-1	0	0	0
vngc.sixhump	-1	0	0	0
vngc.spherical	-1	0	0	0
vngc.step	-1	0	0	0
vngc.zakharov	-1	0	0	0