Sheet1

	500.1000	1000.2000	2000.5000	5000.10000
bb.ackley	0	0	0	0
bb.alpine	0	0	0	0
bb.eggholder	0	0	0	0
bb.elliptic	0	0	0	0
bb.goldsteinprice	0	-1	1	0
bb.griewank	0	0	0	0
bb.levy	0	0	0	0
bb.michalewicz	0	0	0	0
bb.quadric	0	0	0	0
bb.quartic	0	0	0	0
bb.rastrigin	0	0	0	0
bb.rosenbrock	0	0	0	0
bb.salomon	0	0	0	0
bb.schwefel1_2	0	0	0	0
bb.schwefel2_22	0	0	0	0
bb.schwefel2_26	0	0	0	0
bb.sixhump	0	0	0	0
bb.spherical	0	0	0	0
bb.step	0	0	0	0
bb.zakharov	0	0	0	0
bba.ackley	0	0	0	0
bba.alpine	0	0	0	0
bba.eggholder	0	0	0	0
bba.elliptic	0	0	0	0
bba.goldsteinprice	0	0	0	0
bba.griewank	0	0	0	0
bba.levy	0	0	0	0
bba.michalewicz	0	0	0	0
bba.quadric	0	0	0	0
bba.quartic	0	0	0	0
bba.rastrigin	0	0	0	0
bba.rosenbrock	0	0	0	0
bba.salomon	0	0	0	0
bba.schwefel1_2	0	0	0	0
bba.schwefel2_22	0	0	0	0
bba.schwefel2_26	0	0	0	0
bba.sixhump	0	0	0	0
bba.spherical	0	0	0	0
bba.step	0	0	0	0
bba.zakharov	0	0	0	0
gbest.ackley	0	0	0	0
gbest.alpine	0	0	0	0
gbest.eggholder	0	0	0	0
gbest.elliptic	0	0	0	0
gbest.goldsteinprice	0	0	0	0
gbest.griewank	0	0	0	0
gbest.levy	0	0	0	0
gbest.michalewicz	0	0	0	0
gbest.quadric	0	0	0	0
gbest.quartic	0	0	0	0
gbest.rastrigin	0	0	0	0
gbest.rosenbrock	-1	0	0	0
gbest.salomon	0	0	0	0
gbest.schwefel1_2	0	0	0	0
gbest.schwefel2_22	0	0	0	0

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

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

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