SPEARMAN

	bb	bba	gbest	gbestgc	lbest	lbestgc	spso	vn	vngc	avg	sd
ackley	0.5119021135	-0.1897664071	-0.2947719689	0.6484983315	0.6022246941	0.753948832	0.4749721913	0.0126807564	0.1461624027	0.296205661	0.386343723
alpine	0.5052280311	-0.2271412681	-0.1857619577	0.4064516129	0.6191323693	0.356618465	0.1345939933	0.4157953281	0.7130144605	0.304214559	0.332327586
eggholder	0.5003337041	0.3374860957	0.6253615128	-0.1968854283	0.2262513904	0.4647385984	0.3508342603	-0.0286985539	0.6133481646	0.32141886	0.280970802
elliptic	0.1288097887	0.2338153504	0.629810901	0.1292547275	0.2858731924	0.2734149055	0.3908787542	0.2502780868	0.3601779755	0.298034854	0.152823369
goldsteinprice	-0.20756396	0.676974416	0.3339265851	0.5635150167	0.7637374861	0.4754171301	-0.3646273637	0.4998887653	0.6876529477	0.380991225	0.401414583
griewank	0.714349277	0.5697441602	-0.0220244716	0.4340378198	0.5902113459	0.0496106785	-0.4763070078	0.3281423804	0.5563959956	0.304906686	0.384382193
levy	0.6791991101	0.1038932147	-0.1199110122	0.4620689655	0.3704115684	0.7535038932	0.4464961068	0.6947719689	-0.6729699666	0.301940428	0.463601081
michalewicz	0.5434927697	0.5679644049	0.5919911012	0.7637374861	0.3325917686	0.6832035595	0.7343715239	0.3081201335	-0.4611790879	0.451588184	0.377597581
quadric	0.4580645161	0.7259176863	0.421134594	0.5621802002	-0.3953281424	0.4927697442	0.383759733	0.5190211346	0.5973303671	0.418316648	0.321684152
quartic	-0.1434927697	0.2258064516	0.5679644049	0.5995550612	0.0149054505	0.7846496107	0.413570634	0.49810901	0.4829810901	0.382672105	0.296649684
rastrigin	0.0077864294	0.1991101224	0.413570634	0.4571746385	0.2315906563	0.4278086763	-0.204894327	0.4429365962	-0.0567296997	0.213150414	0.247210479
rosenbrock	0.4095661846	0.3379310345	-0.1034482759	0.145272525	0.336596218	0.4402669633	0.0718576196	0.7276974416	0.3397107898	0.300605611	0.239195634
salomon	0.3744160178	0.6587319244	-0.0064516129	0.1350389321	0.0896551724	0.4945494994	0.4958843159	0.1016685206	0.0945494994	0.270893585	0.237101464
schwefel1_2	0.2062291435	0.3072302558	0.3339265851	0.8175750834	0.4153503893	0.2809788654	0.6106785317	0.813570634	0.6489432703	0.492720307	0.234338177
schwefel2_22	0.4754171301	0.4901001112	0.446051168	0.49810901	0.5145717464	0.6867630701	0.5813125695	0.6022246941	0.5679644049	0.540279323	0.075653921
schwefel2_26	0.8447163515	0.8518353726	0.5853170189	0.6578420467	0.714349277	0.4447163515	-0.5176863181	0.3228031146	0.4064516129	0.478927203	0.417679813
sixhump	0.6649610679	0.4206896552	0.6311457175	0.0642936596	0.4945494994	0.850945495	0.1657397108	-0.0869855395	0.3045606229	0.389988877	0.306041345
spherical	0.714349277	0.443381535	0.1977753059	-0.0171301446	0.5639599555	0.4233592881	0.7815350389	0.5661846496	-0.5612903226	0.34579162	0.420392199
step	0.3895439377	0.7276974416	0.6467185762	0.5448275862	0.7437152392	0.0416017798	0.443381535	0.3672969967	-0.0860956618	0.424298603	0.289364847
zakharov	-0.0780867631	0.2725250278	0.5822024472	0.5497219132	0.2587319244	0.085650723	0.5835372636	0.5635150167	0.6609566185	0.386528241	0.261268873
avg	0.3849610679	0.3866963293	0.3137263626	0.4112569522	0.3886540601	0.4632258065	0.2749944383	0.3959510567	0.2670967742	0.36517365	
sd	0.3044590908	0.2888340931	0.3201091361	0.2751015122	0.2808909513	0.240450567	0.3887366799	0.2512187785	0.4313693517		0.313783668