

PEARSON

	bb	bba	gbest	gbestgc	lbest	lbestgc	spso	vn	vngc	avg	sd
ackley	0.5470373908	-0.2926096519	-0.3042352585	0.5536759267	0.7174034598	0.7157773442	0.4539965551	0.0389582826	0.1162674874	0.28291906	0.404930761
alpine	0.4516801787	-0.2397818871	-0.4555483179	0.3228785399	0.4986031123	0.5488869921	0.1421609451	0.4897195898	0.6621899711	0.268976569	0.382518328
eggholder	0.4196227387	0.530142244	0.6471079217	0.0227519994	0.1988588546	0.6720708003	0.0237385079	0.0257399571	0.6540358187	0.354896538	0.287890887
elliptic	0.0538883819	0.3909641244	0.6367805317	0.2898038027	0.0992686074	0.4567813404	0.2087765108	0.295917985	0.5045215481	0.326300315	0.190783274
goldsteinprice	-0.1339273467	0.6542428469	0.3970348612	0.6408097533	0.7979659654	0.4929861402	-0.3199672102	0.5398318053	0.7006717404	0.41884984	0.387274235
griewank	0.7214647467	0.5240103218	0.0594098699	0.4088690712	0.6404471392	0.2489959172	-0.8355031749	0.2948198413	0.7052081632	0.307524655	0.483364934
levy	0.7371601717	0.1602865726	-0.1872196436	0.6130149248	0.3723331159	0.7217231679	0.4278122141	0.5674639187	-0.3804907156	0.336898192	0.398082894
michalewicz	0.4938059283	0.7101941271	0.6632738313	0.5888643829	0.3631132915	0.6069814922	0.769513896	0.1357674045	-0.8974469984	0.38156304	0.517309577
quadric	0.502254877	0.6917950029	0.4539826036	0.5824677068	-0.414304663	0.4203565142	0.1678518815	0.5204161698	0.5899285987	0.390527632	0.335218881
quartic	-0.1546527696	0.1270474206	0.553511913	0.4464115935	0.0799734784	0.7401248237	0.2992244281	0.4724029351	0.5025476743	0.340732389	0.278447638
rastrigin	-0.0258072165	0.1036182543	0.3821332714	0.3205560936	0.3590525591	0.4386670027	0.0001955964	0.4808226808	-0.0636004277	0.221737535	0.216292618
rosenbrock	0.3849080459	0.1927973829	-0.0945581739	-0.052361562	0.5059206503	0.4610704055	0.2255974652	0.6614217899	0.4348043144	0.302177813	0.25523875
salomon	0.2773997227	0.8226235762	0.0857148742	0.174228307	0.0626579241	0.4271543121	0.5109724163	-0.0201363891	-0.0008697177	0.25997167	0.280842736
schwefel1_2	0.227988558	0.4394919541	0.3087331235	0.7336590217	0.4365261465	0.1530144704	0.5818113146	0.8561964431	0.6755750806	0.490332901	0.238959574
schwefel2_22	0.2633545953	0.4755601785	0.5304371026	0.4306008379	0.4517698773	0.70034754	0.5927697583	0.6160388261	0.6740629763	0.526104632	0.137405597
schwefel2_26	0.8035725461	0.8507928702	0.5462767716	0.71105558	0.7314550107	0.3511582014	-0.4711118284	0.2654371891	0.4398015278	0.46982643	0.407910986
sixhump	0.7917163636	0.6927520158	0.736469436	0.3074135034	0.5841715874	0.8111295344	0.1379221409	-0.1704064485	0.2221384267	0.457034062	0.346461246
spherical	0.5263465248	0.402180224	-0.1141687908	-0.1361078221	0.6181589009	0.5215389712	0.7775108096	0.6137705556	-0.5063053712	0.300324889	0.440213003
step	0.3192190102	0.7441009705	0.7004787798	0.4440140549	0.8010085697	0.0702739189	0.3401706869	0.4826500142	0.0191408463	0.435672983	0.280778862
zakharov	0.0282690057	0.296972859	0.6625770658	0.5500678458	0.2244271059	-0.1157859887	0.6552802127	0.6090727768	0.7875772921	0.410939797	0.315266769
avg	0.3617650727	0.4138590703	0.3104095886	0.3976336781	0.4064405347	0.472162645	0.2344361563	0.3887952664	0.2919879118	0.364165547	
sd	0.2961184833	0.3268793431	0.374754458	0.2460049038	0.3024531615	0.2413762331	0.4140343348	0.2695904983	0.4697040995		0.334604718