A few results (over 100 runs if nothing explicitly said)
For more explanation, see ReadMe.txt and the source code

Function	Dim.	Comment	SPSO 2007, seed=1294404794 with the RNG KISS				
			automatic swarm size S			Swarm size = 40	
			S	%	Mean best	%	Mean best
4 Tripod	2		*12*	56	5.03E-001	63	3.10E-001
11 Network	42	Partly binary	*22*	0	1.35E+002	0	1.06E+002
15 Step	10	Biased	*16*	99	1.00E-002	3	4.53E+000
17 Lennard-Jones	18		*18*	5	4.68E-001	3	6.40E-001
18 Gear train	4	Discrete	*14*	9	1.55E-009	16	2.47E-010
20 Perm	5	Discrete	*14*	16	5.10E+002	46	2.92E+002
21 Compression spring	3	Partly discrete	*13*	31	3.96E-002	72	1.91E-003
100 Sphere	30	Shifted	*20*	100	9.39E-007	100	9.00E-007
102 Rosenbrock	10	Shifted	*16*	68	5.75E+000	9	1.81E+000
103 Rastrigin	30	Shifted	*20*	0	5.39E+001	0	3.89E+001
104 Schwefel	10	Shifted	*16*	100	9.09E-005	100	8.57E-005
105 Griewank	10	Shifted	*16*	5	5.26E-002	18	3.05E-002
106 Ackley	30	Shifted	*20*	30	1.12E+000	98	1.87E-002
		Total		*519*	*7.07E+002*	*528*	*4.44E+002*

	SPSO 2011, seed = 1294404794, for reproducible results							
	Uniform distribution		Gaussian distribution mean 0.5, sigma 1/12		Uniform distribution		Gaussian distribution mean 0.5, sigma 1/12	
	Confinement				No confinement			
	With "bells and whistles" (BW=(1,2)), mean swarm size = 40							
Function	**%**	**Mean best**	**%**	**Mean best**	**%**	**Mean best**	**%**	**Mean best**
4	59	3.22E-001	56	4.93E-001	77	1.83E-001	64	3.43E-001
11	0	1.16E+002	0	1.12E+002	0	3.00E+002	0	1.40E+002
15	86	2.10E-001	97	3.00E-002	91	1.20E-001	100	0.00E+000
17	3	1.29E+000	1	1.26E+000	3	9.67E-001	2	9.70E-001
18	54	5.60E-011	61	3.67E-011	67	1.18E-011	64	1.11E-011
20	68	1.37E+002	70	1.17E+002	49	2.24E+002	53	1.97E+002
21	86	1.58E-003	74	3.13E-003	81	1.95E-003	80	1.97E-003
100	100	9.21E-007	100	9.00E-007	100	9.19E-007	100	9.10E-007
102	36	8.68E+001	40	5.25E+001	40	3.87E+001	43	6.80E+001
103	0	4.56E+001	0	4.55E+001	0	5.96E+001	0	5.79E+001
104	100	8.67E-005	100	8.75E-005	100	8.54E-005	100	8.71E-005
105	29	2.24E-002	30	2.24E-002	26	2.63E-002	34	2.30E-002
106	60	5.81E-001	66	4.46E-001	46	7.77E-001	57	5.86E-001
Total	*681*	*3,88E+002*	*695*	*3.29E+002*	*680*	*6,24E+002*	*697*	*4,65E+002*

	SPSO 2011, seed=time, S=40		SPSO 2011, seed = 1294404794, for reproducible results with KISS					
	Uniform distribution		Uniform distribution		Gaussian distribution mean 0.5, sigma 1/12		Uniform distribution	
	Confinement		Confinement				No confinement	
	Without any "bell and whistle" , swarm size = 40							
Function	%	Mean best	%	Mean best	%	Mean best	%	Mean best
4	47	4.66E-001	67	2.81E-001	45	5.72E-001	67	2.33E-001
11	0	1.11E+002	0	1.08E+002	0	1.13E+002	0	1.31E+002
15	96	4.00E-002	96	6.00E-002	100	0.00E+000	100	0.00E+000
17	2	1.04E+000	0	1.01E+000	2	1.05E+000	8	6.61E-001
18	70	3.82E-011	58	5.86E-011	61	2.74E-011	76	1.31E-011
20	68	8.96E+001	65	1.15E+002	61	1.46E+002	41	2.42E+002
21	78	2.13E-003	82	1.55E-003	75	3.64E-003	84	2.53E-003
100	100	9.14E-007	100	9.13E-007	100	9.06E-007	100	9.12E-007
102	31	7.93E+001	37	7.39E+001	41	6.28E+001	43	5.83E+001
103	0	4.66E+001	0	4.59E+001	0	4.95E+001	0	6.63E+001
104	100	8.81E-005	100	8.74E-005	100	8.85E-005	100	8.87E-005
105	40	1.93E-002	43	2.03E-002	36	2.14E-002	30	2.19E-002
106	41	8.68E-001	44	7.92E-001	48	6.36E-001	36	9.03E-001
Total	*673*	*3.29E+002*	*692*	*3.45E+002*	*669*	*3.74E+002*	*685*	*4.99E+002*

100 runs is not enough for a good estimation of the success rate (and of the mean best). By just modifying the seed of the RNG, you may obtain very different results

	SPSO 2011, seed = 1294404794, for reproducible results					
	Uniform distribution		Gaussian distribution mean 0.5, sigma 1/12		Uniform distribution	Gaussian distribution mean 0.5, sigma 1/12
	Confinement				No confinement	
	With "bells and whistles" (BW=(1,1)), mean swarm size = 40					
Function	%	Mean best	%	Mean best	%	Mean best	%	Mean best	%	Mean best
4	54	4.12E-001	49	5.28E-001	54	4.83E-001	76	0.186	66	0.308
11	0	1.12E+002	0	1.09E+002	0	1.07E+002	time out		time out	
15	96	4.00E-002	92	1.00E-001	98	2.00E-002	98	2.00E-002	100	0.00E+000
17	3	9.99E-001	0	4.07E+000	0	3.87E+000	0	3.95E+000	0	3.90E+000
18	61	3.11E-011	61	5.56E-011	71	1.95E-011	63	1.41E-011	66	1.74E-011
20	68	1.10E+002	71	9.61E+001	75	7.77E+001	50	2.44E+002	54	2.07E+002
21	79	2.59E-003	82	1.02E-003	87	1.82E-003	80	2.20E-003	76	2.61E-003
100	100	9.15E-007	100	8.95E-007	100	8.84E-007	100	8.98E-007	100	8.87E-007
102	37	7.41E+001	38	5.55E+001	50	8.69E+001	41	6.23E+001	42	7.11E+001
103	0	4.78E+001	0	1.66E+002	0	1.62E+002	0	1.65E+002	0	1.63E+002
104	100	8.77E-005	100	8.76E-005	100	8.53E-005	100	8.53E-005	100	8.65E-005
105	34	2.18E-002	33	2.22E-002	39	1.94E-002	27	2.53E-002	31	2.36E-002
106	42	8.09E-001	93	7.20E-002	96	3.73E-002	90	1.08E-001	92	8.89E-002
Total	*674*	*3.46E+002*	*719*	*4.31E+002*	*770*	*4.38E+002*	*725*	*475.544773760815*	*661*	*4.45E+002*

1000 runs

Without any confinement and with some BW, the result can be pretty good … or extremely bad when a variable is discrete with very few possible values (two, here)