

Stat. Sign. of Strategies at 40 & 300 Function Evaluations for **ST**

	Uniform Sample	Iterative Resampling	Simulated Annealing-1	Simulated Annealing-5	Differential Evolution	Particle Swarm Optimization	Gradient Descent-1	Uniform Gradient Descent-V1	Uniform Gradient Descent-V2	Newton-Raphson-1	Newton-Raphson-5	DeepGD
Uniform Sample		NA (Determin.)	N=40;P-val: 5.50e-06 N=300;P-val: 6.99e-07	N=40;P-val: 3.99e-05 N=300;P-val: 1.36e-07	N=40;P-val: 1.08e-01 N=300;P-val: 1.00e+00	N=40;P-val: 1.53e-02 N=300;P-val: 9.52e-01	N=40;P-val: 1.53e-06 N=300;P-val: 5.39e-02	N=40;P-val: 3.00e-05 N=300;P-val: 6.93e-04	N=40;P-val: 2.43e-03 N=300;P-val: 9.48e-01	N=40;P-val: 3.12e-07 N=300;P-val: 6.18e-08	N=40;P-val: 1.00e+00 N=300;P-val: 1.00e+00	N=40;P-val: 5.79e-09 N=300;P-val: 4.74e-09
Iterative Resampling	NA (Determin.)		N=40;P-val: 1.37e-05 N=300;P-val: 3.08e-06	N=40;P-val: 5.79e-06 N=300;P-val: 8.75e-07	N=40;P-val: 7.74e-03 N=300;P-val: 9.75e-01	N=40;P-val: 2.82e-04 N=300;P-val: 1.08e-02	N=40;P-val: 2.07e-07 N=300;P-val: 1.76e-03	N=40;P-val: 5.79e-06 N=300;P-val: 1.37e-06	N=40;P-val: 6.11e-04 N=300;P-val: 7.80e-01	N=40;P-val: 2.62e-07 N=300;P-val: 6.18e-08	N=40;P-val: 9.93e-01 N=300;P-val: 1.00e+00	N=40;P-val: 4.74e-09 N=300;P-val: 4.74e-09
Simulated Annealing-1	N=40;P-val: 1.00e+00 N=300;P-val: 1.00e+00	N=40;P-val: 1.00e+00 N=300;P-val: 1.00e+00		N=40;P-val: 7.34e-01 N=300;P-val: 1.28e-01	N=40;P-val: 1.00e+00 N=300;P-val: 1.00e+00	N=40;P-val: 9.99e-01 N=300;P-val: 9.96e-01	N=40;P-val: 6.96e-05 N=300;P-val: 3.48e-01	N=40;P-val: 7.74e-03 N=300;P-val: 1.36e-01	N=40;P-val: 6.52e-01 N=300;P-val: 9.69e-01	N=40;P-val: 2.92e-06 N=300;P-val: 4.15e-09	N=40;P-val: 1.00e+00 N=300;P-val: 1.00e+00	N=40;P-val: 5.42e-09 N=300;P-val: 2.59e-09
Simulated Annealing-5	N=40;P-val: 1.00e+00 N=300;P-val: 1.00e+00	N=40;P-val: 1.00e+00 N=300;P-val: 1.00e+00	N=40;P-val: 2.66e-01 N=300;P-val: 8.72e-01		N=40;P-val: 1.00e+00 N=300;P-val: 1.00e+00	N=40;P-val: 9.98e-01 N=300;P-val: 9.99e-01	N=40;P-val: 3.25e-06 N=300;P-val: 3.95e-01	N=40;P-val: 4.06e-03 N=300;P-val: 1.31e-01	N=40;P-val: 4.31e-01 N=300;P-val: 9.67e-01	N=40;P-val: 3.43e-06 N=300;P-val: 4.74e-09	N=40;P-val: 1.00e+00 N=300;P-val: 1.00e+00	N=40;P-val: 2.59e-09 N=300;P-val: 2.59e-09
Differential Evolution	N=40;P-val: 8.92e-01 N=300;P-val: 4.81e-04	N=40;P-val: 9.92e-01 N=300;P-val: 2.51e-02	N=40;P-val: 3.25e-06 N=300;P-val: 8.30e-06	N=40;P-val: 6.65e-05 N=300;P-val: 3.94e-07		N=40;P-val: 5.26e-02 N=300;P-val: 7.98e-05	N=40;P-val: 1.90e-06 N=300;P-val: 2.25e-05	N=40;P-val: 5.89e-07 N=300;P-val: 3.00e-05	N=40;P-val: 4.20e-03 N=300;P-val: 1.26e-01	N=40;P-val: 4.00e-08 N=300;P-val: 3.88e-09	N=40;P-val: 1.00e+00 N=300;P-val: 1.00e+00	N=40;P-val: 3.39e-09 N=300;P-val: 2.59e-09
Particle Swarm Optimization	N=40;P-val: 9.85e-01 N=300;P-val: 4.80e-02	N=40;P-val: 1.00e+00 N=300;P-val: 9.89e-01	N=40;P-val: 8.03e-04 N=300;P-val: 4.06e-03	N=40;P-val: 1.76e-03 N=300;P-val: 5.87e-04	N=40;P-val: 9.47e-01 N=300;P-val: 1.00e+00		N=40;P-val: 1.95e-07 N=300;P-val: 3.80e-03	N=40;P-val: 9.55e-05 N=300;P-val: 1.02e-02	N=40;P-val: 3.87e-02 N=300;P-val: 8.00e-01	N=40;P-val: 1.95e-07 N=300;P-val: 6.61e-09	N=40;P-val: 1.00e+00 N=300;P-val: 1.00e+00	N=40;P-val: 2.59e-09 N=300;P-val: 2.59e-09
Gradient Descent-1	N=40;P-val: 1.00e+00 N=300;P-val: 9.46e-01	N=40;P-val: 1.00e+00 N=300;P-val: 9.98e-01	N=40;P-val: 1.00e+00 N=300;P-val: 6.52e-01	N=40;P-val: 1.00e+00 N=300;P-val: 6.05e-01	N=40;P-val: 1.00e+00 N=300;P-val: 1.00e+00	N=40;P-val: 1.00e+00 N=300;P-val: 9.96e-01		N=40;P-val: 9.94e-01 N=300;P-val: 4.44e-01	N=40;P-val: 1.00e+00 N=300;P-val: 9.99e-01	N=40;P-val: 4.17e-01 N=300;P-val: 4.68e-07	N=40;P-val: 1.00e+00 N=300;P-val: 1.00e+00	N=40;P-val: 5.42e-09 N=300;P-val: 2.59e-09
Uniform Gradient Descent-V1	N=40;P-val: 1.00e+00 N=300;P-val: 9.99e-01	N=40;P-val: 1.00e+00 N=300;P-val: 1.00e+00	N=40;P-val: 9.92e-01 N=300;P-val: 8.64e-01	N=40;P-val: 9.96e-01 N=300;P-val: 8.69e-01	N=40;P-val: 1.00e+00 N=300;P-val: 1.00e+00	N=40;P-val: 1.00e+00 N=300;P-val: 9.90e-01	N=40;P-val: 5.82e-03 N=300;P-val: 5.56e-01		N=40;P-val: 1.00e+00 N=300;P-val: 9.97e-01	N=40;P-val: 4.06e-03 N=300;P-val: 3.11e-08	N=40;P-val: 1.00e+00 N=300;P-val: 1.00e+00	N=40;P-val: 1.36e-08 N=300;P-val: 2.59e-09
Uniform Gradient Descent-V2	N=40;P-val: 9.98e-01 N=300;P-val: 5.24e-02	N=40;P-val: 9.99e-01 N=300;P-val: 2.20e-01	N=40;P-val: 3.48e-01 N=300;P-val: 3.09e-02	N=40;P-val: 5.69e-01 N=300;P-val: 3.33e-02	N=40;P-val: 9.96e-01 N=300;P-val: 8.74e-01	N=40;P-val: 9.61e-01 N=300;P-val: 2.00e-01	N=40;P-val: 2.59e-04 N=300;P-val: 7.01e-04	N=40;P-val: 2.59e-09 N=300;P-val: 2.79e-03		N=40;P-val: 4.38e-05 N=300;P-val: 8.92e-08	N=40;P-val: 1.00e+00 N=300;P-val: 1.00e+00	N=40;P-val: 6.18e-09 N=300;P-val: 3.39e-09
Newton-Raphson-1	N=40;P-val: 1.00e+00 N=300;P-val: 1.00e+00	N=40;P-val: 1.00e+00 N=300;P-val: 1.00e+00	N=40;P-val: 1.00e+00 N=300;P-val: 1.00e+00	N=40;P-val: 1.00e+00 N=300;P-val: 1.00e+00	N=40;P-val: 1.00e+00 N=300;P-val: 1.00e+00	N=40;P-val: 1.00e+00 N=300;P-val: 1.00e+00	N=40;P-val: 5.83e-01 N=300;P-val: 1.00e+00	N=40;P-val: 9.96e-01 N=300;P-val: 1.00e+00	N=40;P-val: 1.00e+00 N=300;P-val: 1.00e+00		N=40;P-val: 1.00e+00 N=300;P-val: 1.00e+00	N=40;P-val: 1.01e-07 N=300;P-val: 1.01e-07
Newton-Raphson-5	N=40;P-val: 3.62e-04 N=300;P-val: 2.12e-06	N=40;P-val: 7.27e-03 N=300;P-val: 4.46e-06	N=40;P-val: 1.53e-06 N=300;P-val: 4.82e-08	N=40;P-val: 5.56e-07 N=300;P-val: 6.98e-08	N=40;P-val: 2.59e-04 N=300;P-val: 4.02e-06	N=40;P-val: 3.46e-05 N=300;P-val: 2.12e-06	N=40;P-val: 2.59e-09 N=300;P-val: 4.25e-08	N=40;P-val: 4.96e-07 N=300;P-val: 4.82e-08	N=40;P-val: 3.00e-05 N=300;P-val: 7.17e-05	N=40;P-val: 1.45e-07 N=300;P-val: 5.79e-09		N=40;P-val: 2.59e-09 N=300;P-val: 2.59e-09
DeepGD	N=40;P-val: 1.00e+00 N=300;P-val: 1.00e+00	N=40;P-val: 1.00e+00 N=300;P-val: 1.00e+00	N=40;P-val: 1.00e+00 N=300;P-val: 1.00e+00	N=40;P-val: 1.00e+00 N=300;P-val: 1.00e+00	N=40;P-val: 1.00e+00 N=300;P-val: 1.00e+00	N=40;P-val: 1.00e+00 N=300;P-val: 1.00e+00	N=40;P-val: 1.00e+00 N=300;P-val: 1.00e+00	N=40;P-val: 1.00e+00 N=300;P-val: 1.00e+00	N=40;P-val: 1.00e+00 N=300;P-val: 1.00e+00	N=40;P-val: 1.00e+00 N=300;P-val: 1.00e+00	N=40;P-val: 1.00e+00 N=300;P-val: 1.00e+00	