

# 20 Schwefel $x \cdot \sin(x)$

bbob f20, 5-D  
51 targets: 100..1e-08  
15 instances

Fraction of function, target pairs

1.0  
0.8  
0.6  
0.4  
0.2  
0.0

0

1

2

3

4

5

6

7

$\log_{10}(\# \text{ f-evals} / \text{dimension})$

v2.6.3

NLSHADE

best 2009

jSO

LSHADE

JADE

SSA

GWO

GA

Spiral-LS

SciPyDE

PSO

CMAES

LBFGSB

