

## 13 Sharp ridge

```
bbob f13, 10-D
51 targets: 100..1e-08
5, 15 instances
```

best 2009

covariance

stepsize cu

stepsize cu

no cumula

- both cumulative

both cumu

both cumu

- both cumulative

CMA-ES-20

covariance

stepsize cu

no cumula

stepsize cu

v2.6.1.158

## Fraction of function, target pairs

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