

Dolan, Elizabeth D.; Moré, Jorge J.

Benchmarking optimization software with performance profiles. (English) Zbl 1049.90004
Math. Program. 91, No. 2 (A), 201-213 (2002).

Summary: We propose performance profiles – distribution functions for a performance metric – as a tool for benchmarking and comparing optimization software. We show that performance profiles combine the best features of other tools for performance evaluation.

MSC:

- 90-08 Computational methods for problems pertaining to operations research and mathematical programming
- 90C30 Nonlinear programming
- 90-04 Software, source code, etc. for problems pertaining to operations research and mathematical programming

Cited in **13** Reviews
Cited in **1170** Documents

Software:

Benchmarks for Optimization Software; LANCELOT; mctoolbox; MINOS; SNOPT

Full Text: [DOI](#)