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From benchmarking optimization heuristics to dynamic algorithm configuration

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Acronyms

AOCC	Area Over the Convergence Curve
AOC	Area Over the (ECDF) Curve
AUC	Area Under the (ECDF) Curve
BBOB	Black-Box Optimization Benchmarking
CMA-ES	Covariance-Matrix Adaptation Evolution Strategy
COCO	COmparing Continuous Optimizers
DE	Differential Evolution
DynAS	Dynamic Algorithm Selection
ECDF	Empirical Cumulative Distribution Function
ERT	Expected Running time
ELA	Exploratory Landscape Analysis
IOH	Iterative Optimization Heuristic
KS	Kolmogorov-Smirnov
MA-BBOB	Many-Affine BBOB
MIP-EGO	Mixed-Integer Parallel Efficient Global Optimization
PAR	Penalized Average Running time
PCA	Principal Component Analysis
SB	Structural Bias
SMAC	Sequential Model-based Algorithm Configuration
TSNE	T-distributed Stochastic Neighbor Embedding
UMAP	Uniform Manifold Approximation Projection
VBS	Virtual Best Solver

