

Algorithm Performance Comparison Summary
(Mean±Std, n=10 runs)

Metric	NSGA-II	NSGA-III	SPEA2	ϵ -MOEA
Hypervolume	0.382±0.007	0.381±0.013	0.384±0.007	0.357±0.021
Spacing	0.530±0.357	0.388±0.251	0.436±0.375	1.026±0.400
Diversity	0.994±0.345	1.005±0.329	1.153±0.507	1.841±0.561
Convergence	0.221±0.051	0.232±0.054	0.295±0.095	0.334±0.091
Time (sec)	82.1±183.4	261.3±305.4	17.4±13.4	667.1±203.4