

# Appendix to “Metaheuristic Solutions to Order-of-Addition Design Problems” published in the *Journal of Computational and Graphical Statistics*

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Figures S1, S2, and S3 show the comparisons of DE and PSO algorithms for constructing  $A$ -optimal designs under model uncertainty, maximin and minimax distance designs with  $T = 1000$  iterations.

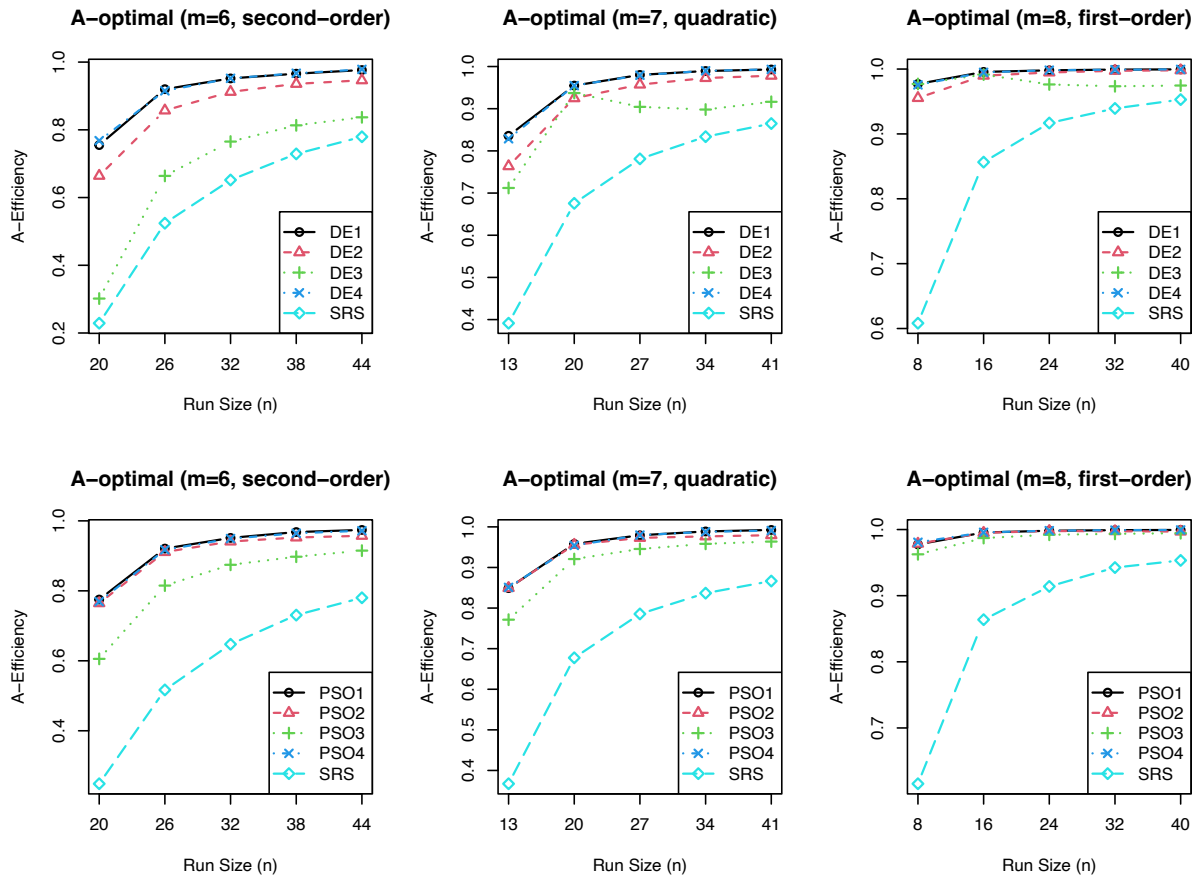


Figure S1: Comparisons of DE, PSO algorithms for constructing  $A$ -optimal designs under model uncertainty (with  $T = 1000$  iterations)

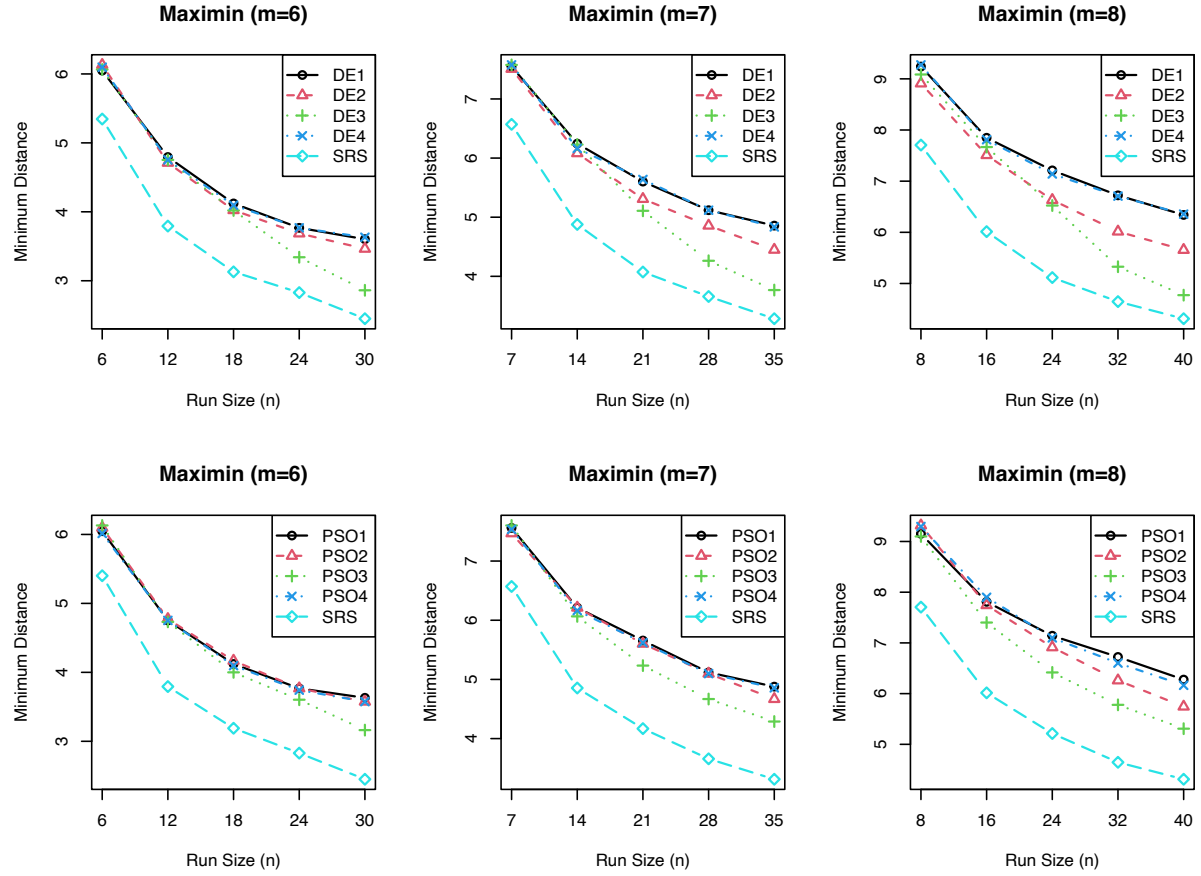


Figure S2: Comparisons of DE, PSO algorithms for constructing maximin distance designs (with  $T = 1000$  iterations)

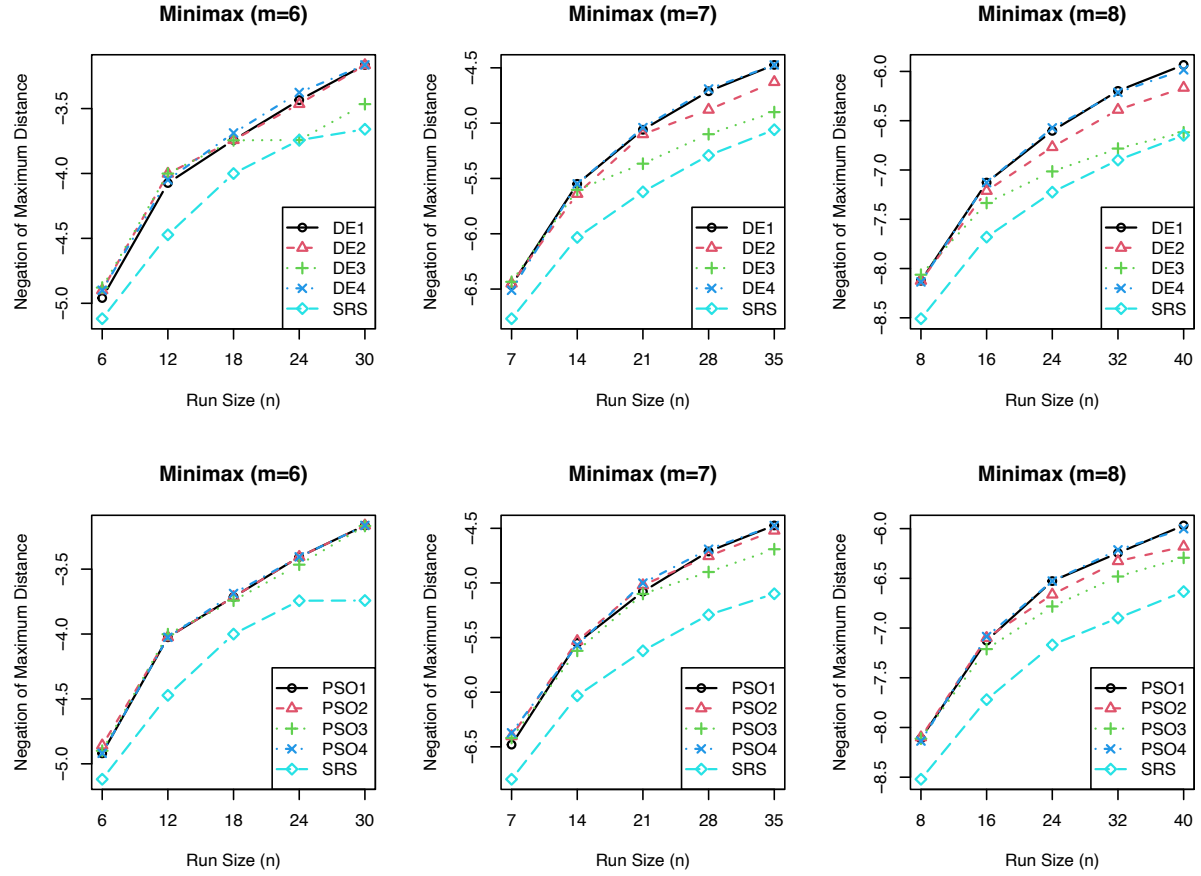


Figure S3: Comparisons of DE, PSO algorithms for constructing minimax distance designs (with  $T = 1000$  iterations)