On Dealing with Uncertainties from Kriging Models in Offline Data-driven Evolutionary Multiobjective Optimization (Supplementary Material)

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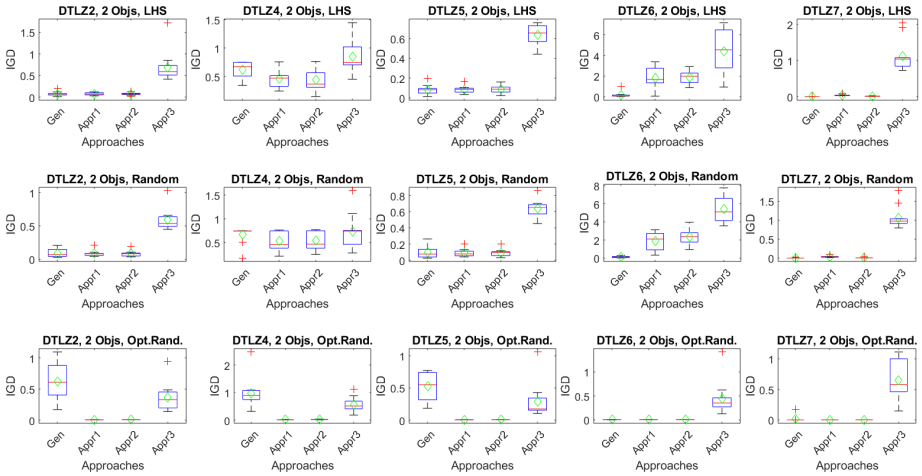

Fig. 1. Box plot of IGD for 11 runs for two objective problems. "Gen","Appr1","Appr2" and "Appr3" are the Generic, Approach 1, Approach 2 and Approach 3 respectively.(Opt.Rand is optimal-random sampling)

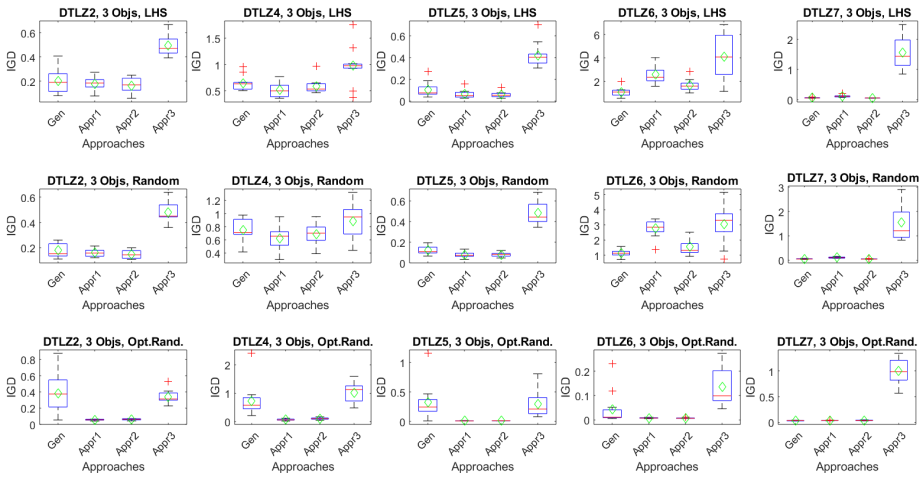

Fig. 2. Box plot of IGD for 11 runs for three objective problems. "Gen","Appr1","Appr2" and "Appr3" are the Generic, Approach 1, Approach 2 and Approach 3 respectively.(Opt.Rand is optimal-random sampling)

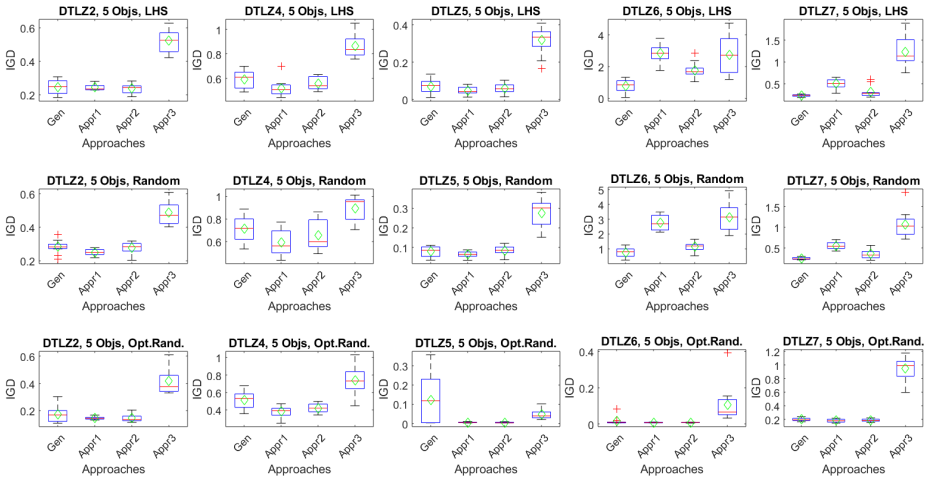

Fig. 3. Box plot of IGD for 11 runs for five objective problems. "Gen","Appr1","Appr2" and "Appr3" are the Generic, Approach 1, Approach 2 and Approach 3 respectively.(Opt.Rand is optimal-random sampling)

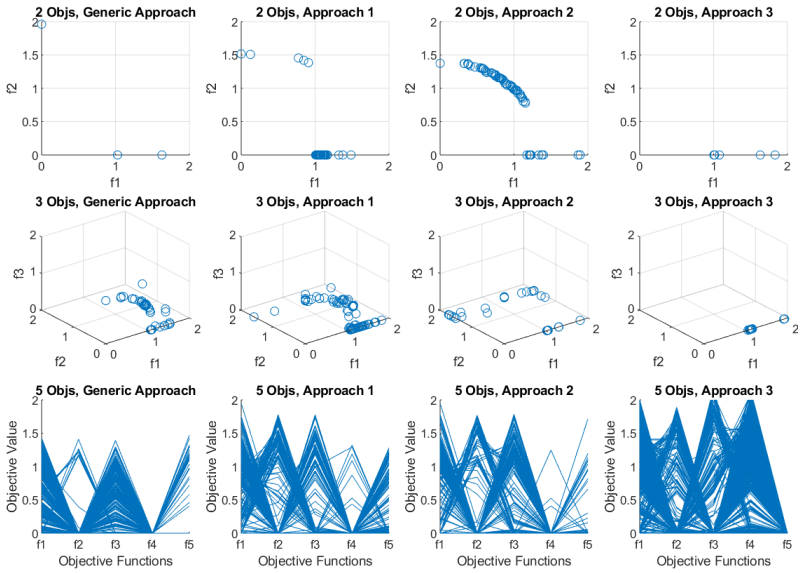

Fig. 4. Final solutions obtained of the run with the median IGD value using different approaches for LHS sampling for DTLZ4 Problem.

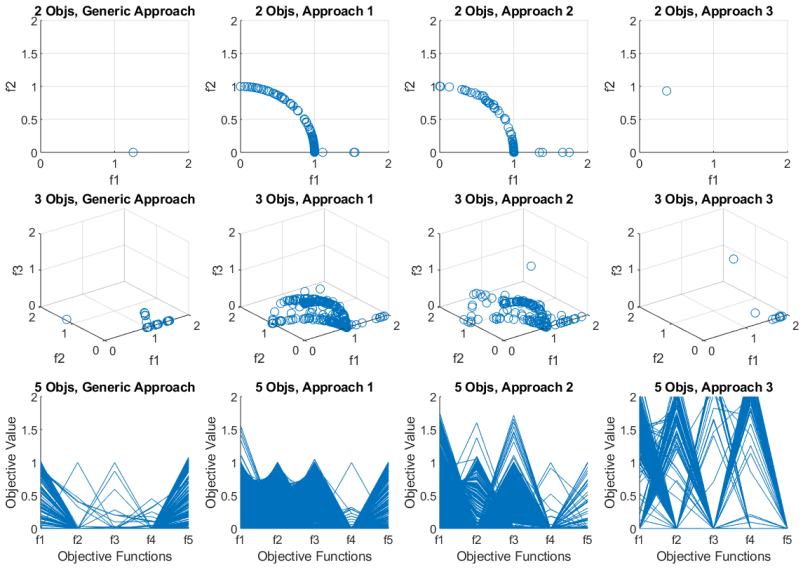

Fig. 5. Final solutions obtained of the run with the median IGD value using different approaches for optimal-random sampling for DTLZ4 Problem.

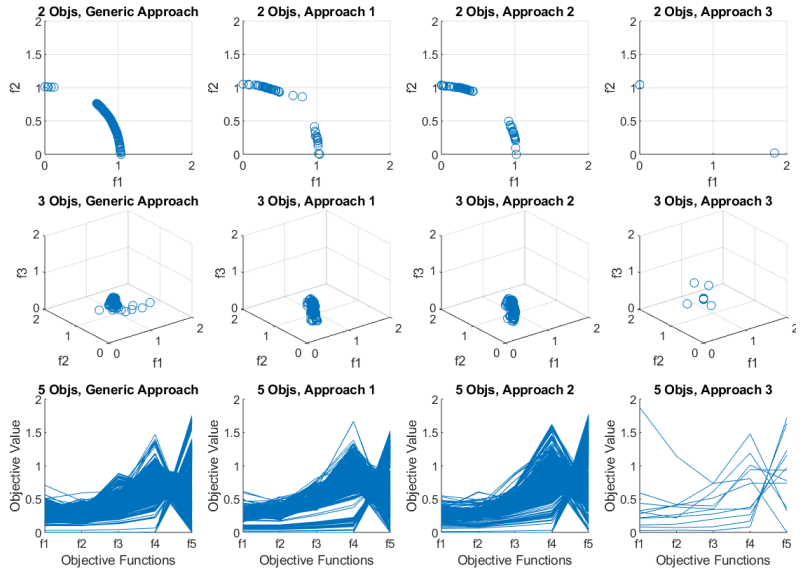

Fig. 6. Final solutions obtained of the run with the median IGD value using different approaches for LHS sampling for DTLZ5 Problem.

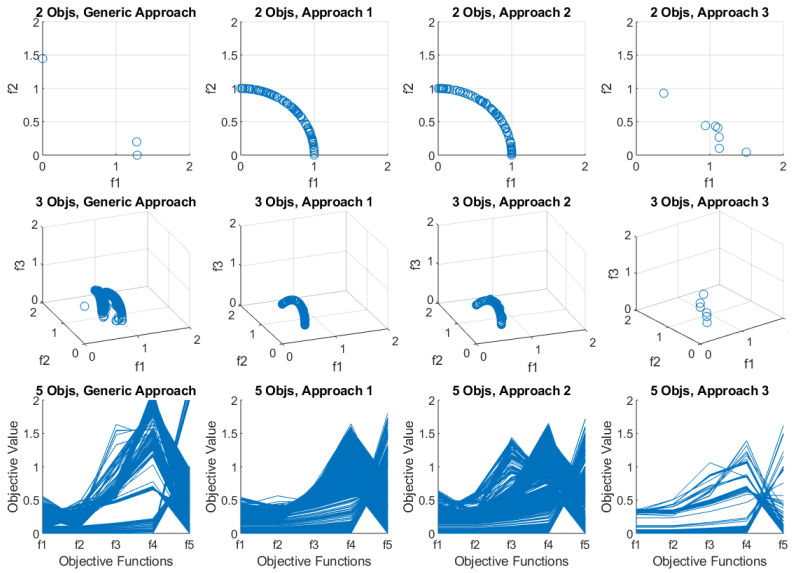

Fig. 7. Final solutions obtained of the run with the median IGD value using different approaches for optimal-random sampling for DTLZ5 Problem.

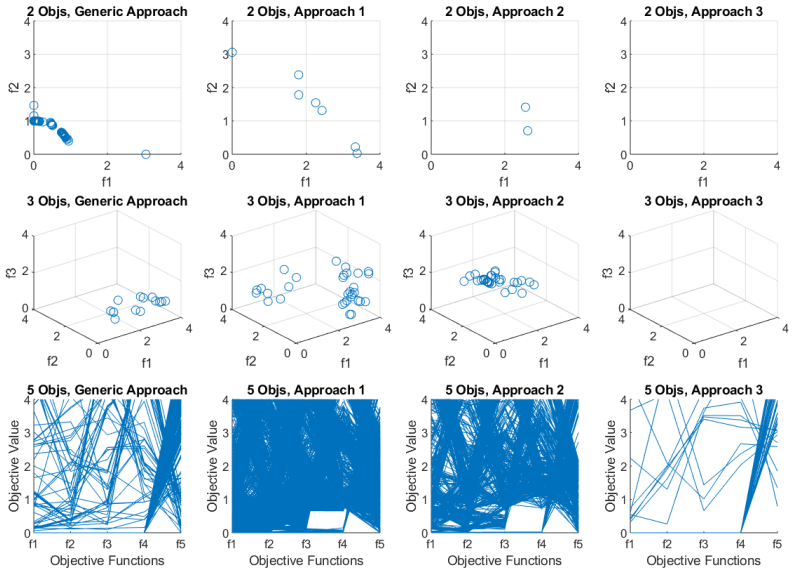

Fig. 8. Final solutions obtained of the run with the median IGD value using different approaches for LHS sampling for DTLZ6 Problem.

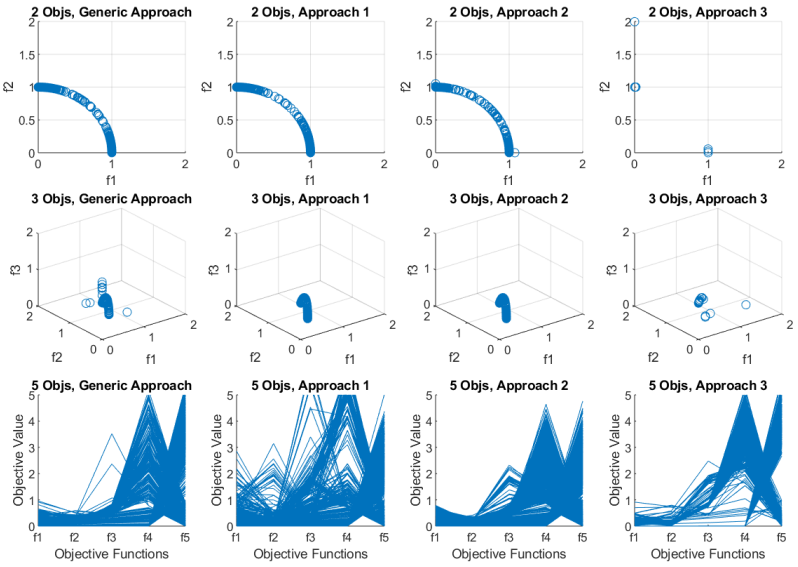

Fig. 9. Final solutions obtained of the run with the median IGD value using different approaches for optimal-random sampling for DTLZ6 Problem.

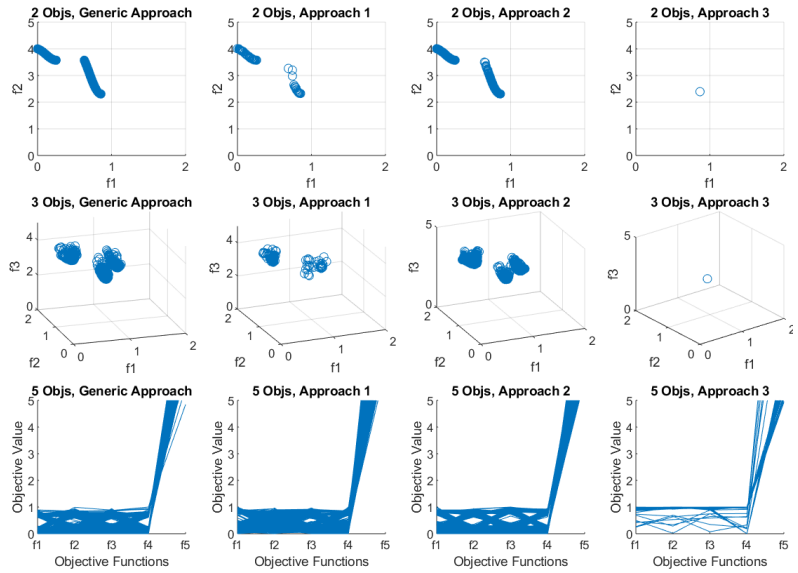

Fig. 10. Final solutions obtained of the run with the median IGD value using different approaches for LHS sampling for DTLZ7 Problem.

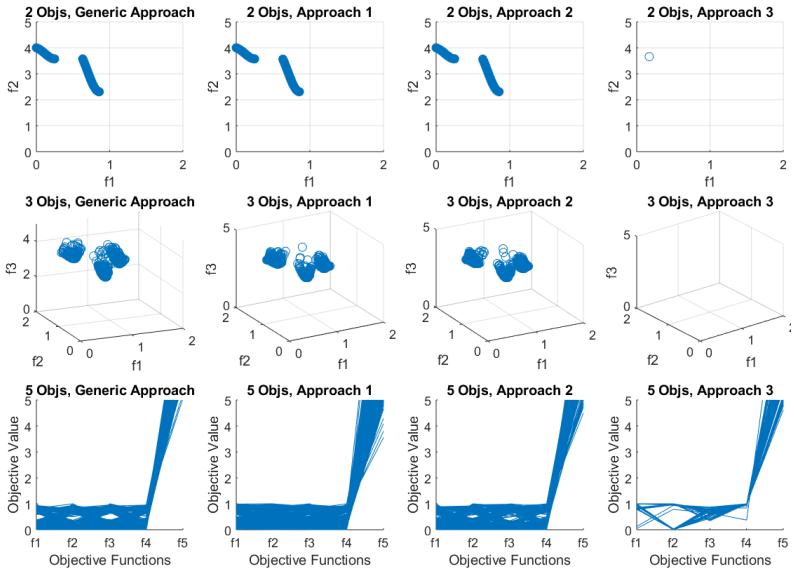

Fig. 11. Final solutions obtained of the run with the median IGD value using different approaches for optimal-random sampling for DTLZ7 Problem.