KnockBO Experimental Results Report

December 12, 2023

K	Our Method	Knockoff	Ridge Regression	Lasso	ElasticNet	Lars	Forward Selection
1	**3860.608**	5526.632	5526.632	5526.632	5320.825	5623.677	**3860.608**
2	**3854.986**	5356.934	5078.878	5356.934	5214.066	5160.133	5173.884
3	**3658.803**	5185.898	4734.076	5185.898	5355.545	5044.690	5372.210
4	**3719.750**	4922.336	4860.368	5066.280	5834.269	5058.966	5117.688
5	4465.628	5218.053	4535.245	4924.894	5563.147	**4117.412**	4753.859
6	4499.683	6711.729	5029.052	5392.738	5371.744	**4174.758**	4630.836
7	**3982.630**	7029.615	4863.526	7029.615	4875.921	4008.054	4367.907
8	**3894.862**	6581.170	5109.268	6581.170	4242.941	4792.749	4268.387
9	**3930.760**	6669.215	5740.794	6669.215	3941.673	4799.767	5085.346
10	**3952.258**	6253.983	5463.384	6854.366	4074.113	5760.415	5713.357

Name	K	MSE
Bat Algorithm	7	4490.193
Cuckoo Search Algorithm	8	3895.718
Differential Evolution	4	4700.070
Firefly Algorithm	6	4647.076
Flower Pollination Algorithm	11	4017.227
Genetic Algorithm	5	4532.626
Grey Wolf Optimizer	4	4049.638
Harris Hawk Optimization	2	4995.574
Jaya Algorithm	7	4502.408
Particle Swarm Optimization	7	3935.639
Sine Cosine Algorithm	8	4096.047
Salp Swarm Algorithm	8	3798.101
Whale Optimization Algorithm	3	5057.756