

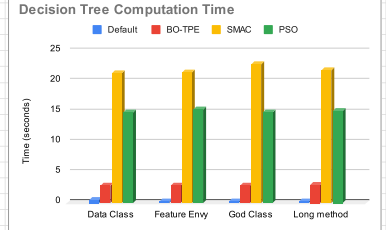
Data Class	DT-BO Total	RF-BO Total	DT-PSO Total	RF-PSO Total	DT-SMAC Total	RF-SMAC Total	DT-Default	RF-Default
	3.15557	37.75236	15.55283	221.81337	19.74108	57.33717	1.79297	2.32472
	2.93859	31.57942	16.62157	223.72289	22.27623	53.20128	0.24275	2.24950
	3.03399	36.83109	14.49545	295.21447	20.32296	57.21165	0.23859	2.19784
	3.18144	28.47215	17.69390	268.29248	19.93975	56.19764	0.21698	2.18467
	3.03591	36.72615	14.19899	232.80677	20.98392	60.84337	1.64434	2.36105
	2.67326	36.06058	16.25810	204.86237	21.92199	55.72201	0.23882	2.60612
	2.65297	38.91168	11.34072	197.28114	23.64506	59.40085	0.23902	2.56509
	2.66053	36.92383	13.04750	301.93647	20.86248	61.31723	0.23909	2.58526
	2.64125	32.06941	15.52148	263.72931	23.63122	66.41798	0.25686	2.55106
	2.62324	42.97763	14.56770	191.49459	20.21448	60.87269	0.25121	2.66490
	Avg	2.85968	35.83043	14.92982	240.11539	21.35392	58.85219	0.53606

Feature Envy	DT-BO Total	RF-BO Total	DT-PSO Total	RF-PSO Total	DT-SMAC Total	RF-SMAC Total	DT-Default	RF-Default
	2.84119	34.63078	18.62291	191.09408	20.93669	55.51922	0.23179	2.46128
	3.20826	31.93264	18.74139	195.09464	21.85082	54.58912	0.22786	2.28671
	3.12762	28.40021	17.71940	194.03469	18.36193	58.05316	0.22502	2.27051
	3.07842	35.03540	16.56819	204.87596	20.05050	58.66432	0.23309	2.27492
	2.65562	36.68331	10.93431	242.84366	22.02323	57.25059	0.26250	2.73128
	2.60949	40.13483	11.04200	198.91985	23.05437	62.71987	0.25501	2.62532
	2.54270	37.15166	16.91295	178.07070	21.20610	66.53212	0.25463	2.71310
	2.64829	35.57789	16.29898	245.33753	24.66759	64.11801	0.24495	2.65122
	2.78604	34.75690	11.30893	211.09780	19.86299	61.19361	0.24847	2.66997
	2.59257	33.74685	15.90478	315.58823	23.01128	60.57165	0.25604	2.73690
	Avg	2.80902	34.80505	15.40538	217.69572	21.50255	59.92117	0.24394

God Class	DT-BO Total	RF-BO Total	DT-PSO Total	RF-PSO Total	DT-SMAC Total	RF-SMAC Total	DT-Default	RF-Default
	3.15149	31.85665	15.03155	218.35058	21.11890	54.13863	0.21497	2.19080
	3.02520	31.91106	16.98505	205.68172	22.28117	50.43768	0.22867	2.15878
	3.02694	34.61244	20.86720	205.37771	21.14670	53.22921	0.22692	2.19280
	3.18268	29.17542	12.85558	244.69593	21.39683	63.51807	0.21186	2.20084
	2.55977	38.60162	12.32662	226.60923	22.57413	55.35571	0.23586	2.49335
	2.54338	35.23946	14.74079	195.51740	24.79340	59.37792	0.27477	2.51396
	2.49743	28.81113	15.17144	208.69515	24.14165	68.88846	0.22979	2.53494
	2.52635	38.53058	13.33043	237.78168	23.05051	60.79267	0.23784	2.47403
	2.54577	35.96724	11.92969	200.92156	26.34123	65.46722	0.23846	2.51483
	2.70711	31.92431	15.72339	199.57402	22.04322	54.89679	0.22344	2.33941
	Avg	2.78561	33.66299	14.89617	214.32050	22.88877	58.41023	0.23226

	DT-BO Total	RF-BO Total	DT-PSO Total	RF-PSO Total	DT-SMAC Total	RF-SMAC Total	DT-Default	RF-Default
Long Method	3.17234	25.37631	19.52845	214.38128	23.74914	60.94440	0.24530	2.21625
	3.18571	26.26195	18.30546	169.77348	18.29861	59.93041	0.24667	2.23198
	3.16415	27.69692	16.13532	170.52108	19.41825	55.65387	0.22459	2.23204
	3.26508	29.25963	13.03717	240.05354	22.40335	58.34347	0.22654	2.25662
	2.66759	28.66305	13.49668	254.20513	21.50750	66.16258	0.23753	2.52121
	2.56434	28.69125	11.78692	203.69812	26.19977	66.48322	0.24227	2.58279
	2.72692	33.58746	14.80513	253.44058	23.75461	57.27581	0.24581	2.59432
	2.71987	30.22557	17.05771	228.05014	19.53665	65.92873	0.24234	2.58136
	2.74705	27.97541	12.67951	165.38316	23.44425	64.91733	0.24927	2.62818
	2.99274	30.38685	14.43662	197.79840	20.81370	61.26609	0.21640	2.30940
	Avg	2.92058	28.81244	15.12690	209.73049	21.91258	61.68959	0.23767

Decision Tree Total Computation Time (second)				
	Default	BO-TPE	SMAC	PSO
Data Class	0.54	2.86	21.35	14.93
Feature Envy	0.24	2.81	21.50	15.41
God Class	0.23	2.79	22.89	14.90
Long method	0.24	2.92	21.91	15.13



Random Forest Total Computation Time (second)				
	Default	BO-TPE	SMAC	PSO
Data Class	2.43	35.83	58.85	240.12
Feature Envy	2.54	34.81	59.92	217.70
God Class	2.36	33.66	58.41	214.32
Long method	2.42	28.81	61.69	209.73

