

graduate admissions dataset															
Mech	% missing value	CBRG		Least Squares		Stochastic		Norm		MICE		Fast KNN		EMI	
		R2score	Time	R2score	Time	R2score	Time	R2score	Time	R2score	Time	R2score	Time	R2score	Time
MAR	10	0.9972	1.2981	0.9972	0.5709	0.9946	0.4865	0.9760	0.1661	0.9972	1.1141	0.9910	0.0905	0.9719	0.0920
	20	0.9889	0.1377	0.9901	0.6906	0.9760	0.6837	0.9337	0.1821	0.9900	1.1856	0.9811	0.2354	0.9396	0.2346
	30	0.9796	0.1297	0.9838	0.4737	0.9692	0.5896	0.9193	0.1959	0.9838	1.3341	0.9677	0.3184	0.9030	0.5987
	40	0.9766	0.1768	0.9780	0.4500	0.9540	0.6273	0.8867	0.2048	0.9781	1.4380	0.9604	0.8826	0.8718	0.7107
	Average	0.9856	0.4356	0.9873	0.5463	0.9734	0.5968	0.9289	0.1872	0.9873	1.2680	0.9750	0.3817	0.9216	0.4090
		Improvement		-0.1745%	20.2688%	1.2448%	27.0120%	6.0953%	-132.6176%	-0.1741%	65.6475%	1.0798%	-14.1118%	6.9435%	-6.4948%
MCAR	10	0.9900	0.1224	0.9906	0.5242	0.9836	0.5956	0.9771	0.1930	0.9907	1.5183	0.9871	0.1067	0.9778	0.1033
	20	0.9908	0.1208	0.9917	0.4680	0.9848	0.7116	0.9439	0.2033	0.9918	1.5373	0.9805	0.2703	0.9452	0.2358
	30	0.9833	0.1354	0.9851	0.5754	0.9688	0.5539	0.9133	0.2706	0.9859	1.2450	0.9758	0.3616	0.9151	0.3616
	40	0.9765	0.1209	0.9781	0.5167	0.9579	0.5760	0.8920	0.2051	0.9781	1.6934	0.9581	0.4086	0.8782	0.4919
	Average	0.9852	0.1249	0.9864	0.5211	0.9738	0.6093	0.9316	0.2180	0.9866	1.4985	0.9754	0.2868	0.9291	0.2982
		Improvement		-0.1242%	76.0360%	1.1691%	79.5044%	5.7548%	42.7192%	-0.1446%	91.6668%	1.0056%	56.4622%	6.0399%	58.1211%
MNAR	10	0.9950	0.1756	0.9947	0.4364	0.9867	0.5167	0.9699	0.3648	0.9948	0.7332	0.9902	0.1427	0.9584	0.1302
	20	0.9894	0.1373	0.9905	0.4596	0.9852	0.5540	0.9477	0.1793	0.9907	1.6696	0.9767	0.2335	0.9283	0.2531
	30	0.9820	0.1388	0.9862	0.4360	0.9689	0.5910	0.9008	0.1723	0.9865	1.1509	0.9683	0.2989	0.9012	0.3519
	40	0.9809	0.1196	0.9802	0.5210	0.9622	0.5192	0.8881	0.1537	0.9810	1.7187	0.9634	0.3727	0.8718	0.5006
	Average	0.9868	0.1428	0.9879	0.4632	0.9758	0.5452	0.9267	0.2175	0.9882	1.3181	0.9746	0.2619	0.9149	0.3089
		Improvement		-0.1042%	69.1688%	1.1371%	73.8037%	6.4961%	34.3441%	-0.1405%	89.1642%	1.2523%	45.4743%	7.8603%	53.7712%

graduate admissions dataset															
Mech	% missing value	CBRG		Least Squares		Stochastic		Norm		MICE		Fast KNN		EMI	
		MAE	RMSE	MAE	RMSE	MAE	RMSE	MAE	RMSE	MAE	RMSE	MAE	RMSE	MAE	RMSE
MAR	10	0.1984	0.0085	0.2251	0.0102	0.3672	0.0174	0.8026	0.0372	0.2204	0.0100	0.8071	0.0390	1.0842	0.0390
	20	0.3745	0.0278	0.4234	0.0299	0.6540	0.0468	1.2905	0.0917	0.4312	0.0302	0.8757	0.0651	1.0239	0.0651
	30	0.4234	0.0457	0.4035	0.0417	0.6683	0.0644	1.3505	0.1278	0.4095	0.0417	0.9607	0.0946	1.2325	0.0946
	40	0.5683	0.0634	0.6893	0.0708	0.9348	0.1024	1.7685	0.1737	0.6896	0.0698	1.1683	0.1204	1.8156	0.1204
	Average	0.3911	0.0364	0.4353	0.0381	0.6561	0.0577	1.3030	0.1076	0.4376	0.0379	0.9530	0.0798	1.2891	0.0798
		Improvement		10.1491%	4.6679%	40.3825%	37.0434%	69.9818%	66.2024%	10.6269%	4.1428%	58.9549%	54.4489%	69.6570%	54.4489%
MCAR	10	0.3111	0.0160	0.3180	0.0165	0.3891	0.0211	0.5027	0.0247	0.3165	0.0164	0.5371	0.0251	0.5210	0.0251
	20	0.2986	0.0212	0.3337	0.0221	0.5744	0.0341	0.8139	0.0618	0.3320	0.0221	0.6694	0.0449	0.9478	0.0449
	30	0.4754	0.0416	0.4941	0.0445	0.8482	0.0717	1.1059	0.1040	0.4834	0.0423	0.6009	0.0641	1.1349	0.0641
	40	0.5149	0.0572	0.6133	0.0618	0.8388	0.0808	1.4420	0.1539	0.6199	0.0619	1.1455	0.1229	1.3343	0.1229
	Average	0.4000	0.0340	0.4398	0.0362	0.6626	0.0519	0.9661	0.0861	0.4379	0.0357	0.7382	0.0642	0.9845	0.0642
		Improvement		9.0454%	6.1730%	39.6358%	34.5174%	58.5993%	60.5252%	8.6649%	4.6690%	45.8183%	47.0798%	59.3720%	47.0798%
MNAR	10	0.3733	0.0216	0.4557	0.0251	0.3758	0.0306	0.7138	0.0434	0.4545	0.0247	0.7427	0.0433	1.0284	0.0433
	20	0.2764	0.0226	0.3758	0.0306	0.5541	0.0408	1.1947	0.0872	0.3714	0.0302	0.9748	0.0732	1.3140	0.0732
	30	0.3117	0.0338	0.4111	0.0377	0.5453	0.0519	1.5994	0.1343	0.4024	0.0373	0.9489	0.0809	1.5607	0.0809
	40	0.5593	0.0564	0.5743	0.0583	0.9770	0.0979	1.7356	0.1712	0.5781	0.0580	1.1238	0.1094	1.3572	0.1094
	Average	0.3802	0.0336	0.4542	0.0379	0.6131	0.0553	1.3109	0.1090	0.4516	0.0376	0.9476	0.0767	1.3151	0.0767
		Improvement		16.3070%	11.4200%	37.9883%	39.2588%	70.9991%	69.1903%	15.8220%	10.5513%	59.8798%	56.1983%	71.0925%	56.1983%

diabetes dataset															
Mech	% missing value	CBRG		Least Squares		Stochastic		Norm		MICE		Fast KNN		EMI	
		R2score	Time	R2score	Time	R2score	Time	R2score	Time	R2score	Time	R2score	Time	R2score	Time
MAR	10	0.9921	0.4613	0.9914	0.8835	0.9924	0.8482	0.9786	0.2338	0.9919	1.7921	0.9916	0.3275	0.9828	0.1432
	20	0.9892	0.4556	0.9907	1.0108	0.9849	1.0678	0.9526	0.2756	0.9908	1.7098	0.9833	0.6946	0.9697	0.1874
	30	0.9828	0.4533	0.9872	0.8922	0.9767	0.9129	0.9163	0.2277	0.9870	4.4210	0.9733	1.4944	0.9438	0.4928
	40	0.9777	0.4567	0.9813	1.2609	0.9661	1.0841	0.9270	0.2564	0.9816	3.6625	0.9677	1.3347	0.9294	0.4488
	Average	0.9854	0.4567	0.9877	1.0118	0.9800	0.9783	0.9436	0.2484	0.9878	2.8964	0.9790	0.9628	0.9564	0.3181
	Improvement			-0.2253%	54.8617%	0.5535%	53.3133%	4.4290%	-83.8986%	-0.2433%	84.2311%	0.6569%	52.5618%	3.0351%	-43.5919%
MCAR	10	0.9931	0.4536	0.9940	0.7921	0.9933	1.0525	0.9816	0.2439	0.9941	1.9411	0.9910	0.5493	0.9782	0.1385
	20	0.9842	0.4808	0.9885	1.0257	0.9844	1.1576	0.9702	0.2627	0.9880	1.6956	0.9825	0.6969	0.9710	0.2153
	30	0.9837	0.4993	0.9877	0.7853	0.9748	0.8331	0.9504	0.2166	0.9876	2.1640	0.9813	1.1914	0.9547	0.3735
	40	0.9834	0.4479	0.9866	1.0772	0.9706	0.9927	0.9272	0.2505	0.9868	3.2054	0.9752	1.8255	0.9242	0.4994
	Average	0.9861	0.4704	0.9892	0.9201	0.9808	1.0090	0.9574	0.2434	0.9891	2.2515	0.9825	1.0658	0.9570	0.3067
	Improvement			-0.3105%	48.8726%	0.5442%	53.3775%	3.0035%	-93.2574%	-0.3062%	79.1073%	0.3660%	55.8631%	3.0386%	-53.3915%
MNAR	10	0.9928	0.4359	0.9931	0.7755	0.9913	0.7893	0.9711	0.2551	0.9930	1.1943	0.9888	0.4014	0.9732	0.1371
	20	0.9833	0.4557	0.9890	0.9867	0.9773	1.1897	0.9498	0.2262	0.9894	1.7803	0.9782	0.7375	0.9599	0.2103
	30	0.9790	0.4543	0.9818	1.2344	0.9721	1.7225	0.9249	0.2616	0.9823	2.9466	0.9668	1.0277	0.9390	0.3819
	40	0.9670	0.4528	0.9784	0.7732	0.9664	1.0883	0.9144	0.3132	0.9789	3.8522	0.9557	1.8624	0.9237	0.5307
	Average	0.9805	0.4497	0.9856	0.9424	0.9768	1.1975	0.9400	0.2640	0.9859	2.4433	0.9724	1.0073	0.9490	0.3150
	Improvement			-0.5140%	52.2861%	0.3826%	62.4475%	4.3055%	-70.3319%	-0.5471%	81.5959%	0.8371%	55.3568%	3.3245%	-42.7510%

diabetes dataset															
Mech	% missing value	CBRG		Least Squares		Stochastic		Norm		MICE		Fast KNN		EMI	
		MAE	RMSE	MAE	RMSE	MAE	RMSE	MAE	RMSE	MAE	RMSE	MAE	RMSE	MAE	RMSE
MAR	10	0.0042	0.0003	0.0044	0.0003	0.0041	0.0003	0.0069	0.0005	0.0043	0.0003	0.0043	0.0004	0.0062	0.0004
	20	0.0049	0.0005	0.0046	0.0004	0.0059	0.0005	0.0103	0.0011	0.0045	0.0004	0.0061	0.0008	0.0082	0.0008
	30	0.0061	0.0008	0.0053	0.0006	0.0072	0.0008	0.0138	0.0019	0.0053	0.0006	0.0076	0.0013	0.0112	0.0013
	40	0.0070	0.0011	0.0064	0.0008	0.0088	0.0012	0.0128	0.0020	0.0064	0.0008	0.0084	0.0015	0.0126	0.0015
	Average	0.0056	0.0007	0.0052	0.0005	0.0065	0.0007	0.0110	0.0014	0.0051	0.0005	0.0066	0.0010	0.0096	0.0010
	Improvement			-7.7578%	-25.5879%	14.2097%	5.1067%	49.1819%	51.4286%	-8.6597%	-25.8255%	15.7145%	31.5392%	41.7550%	31.5392%
MCAR	10	0.0039	0.0003	0.0037	0.0002	0.0039	0.0003	0.0064	0.0005	0.0036	0.0002	0.0045	0.0004	0.0070	0.0004
	20	0.0059	0.0006	0.0050	0.0005	0.0059	0.0006	0.0082	0.0009	0.0051	0.0005	0.0062	0.0008	0.0081	0.0008
	30	0.0060	0.0008	0.0052	0.0006	0.0075	0.0008	0.0106	0.0015	0.0052	0.0006	0.0064	0.0010	0.0101	0.0010
	40	0.0060	0.0009	0.0054	0.0008	0.0082	0.0012	0.0129	0.0021	0.0054	0.0008	0.0074	0.0015	0.0131	0.0015
	Average	0.0055	0.0007	0.0048	0.0005	0.0064	0.0007	0.0095	0.0013	0.0048	0.0005	0.0061	0.0009	0.0096	0.0009
	Improvement			-13.1383%	-27.4518%	14.2256%	6.4513%	42.6095%	47.0371%	-12.9320%	-26.7963%	10.6298%	29.1009%	42.8607%	29.1009%
MNAR	10	0.0039	0.0003	0.0039	0.0002	0.0044	0.0003	0.0080	0.0006	0.0039	0.0002	0.0050	0.0005	0.0077	0.0005
	20	0.0061	0.0006	0.0050	0.0005	0.0072	0.0007	0.0106	0.0012	0.0049	0.0005	0.0069	0.0011	0.0094	0.0011
	30	0.0068	0.0009	0.0063	0.0008	0.0069	0.0009	0.0130	0.0019	0.0062	0.0008	0.0085	0.0015	0.0116	0.0015
	40	0.0085	0.0013	0.0069	0.0009	0.0087	0.0012	0.0139	0.0022	0.0068	0.0009	0.0098	0.0017	0.0130	0.0017
	Average	0.0063	0.0008	0.0055	0.0006	0.0068	0.0008	0.0114	0.0015	0.0054	0.0006	0.0075	0.0012	0.0105	0.0012
	Improvement			-14.5090%	-29.6676%	7.0365%	-0.9395%	44.5706%	47.2033%	-15.7510%	-30.4308%	16.3750%	35.8677%	39.7407%	35.8677%

Profit dataset															
Mech	% missing value	CBRG		Least Squares		Stochastic		Norm		MICE		Fast KNN		EMI	
		R2score	Time	R2score	Time	R2score	Time	R2score	Time	R2score	Time	R2score	Time	R2score	Time
MAR	10	0.8714	1.2674	0.7921	0.1151	0.7831	0.1139	0.8399	0.0528	0.9772	0.4084	0.8792	0.0661	0.8562	0.0630
	20	0.9836	1.2725	0.9758	0.1102	0.9631	0.1210	0.9339	0.0516	0.9821	1.3258	0.9545	0.1157	0.9138	0.1476
	30	0.9768	1.2493	0.9781	0.1282	0.9546	0.1541	0.8881	0.0546	0.9785	1.2502	0.9361	0.2170	0.8837	0.2582
	40	0.9635	1.2449	0.9605	0.1112	0.9400	0.1139	0.8571	0.0506	0.9606	0.7545	0.9144	0.2187	0.8542	0.2884
	Average	0.9488	1.2585	0.9266	0.1162	0.9102	0.1257	0.8797	0.0524	0.9746	0.9347	0.9210	0.1544	0.8770	0.1893
		Improvement		2.3976%	-983.1013%	4.2470%	-901.1578%	7.8546%	-2302.3843%	-2.6409%	-34.6436%	3.0198%	-715.3714%	8.1968%	-564.8325%
MCAR	10	0.9890	1.2172	0.9910	0.1216	0.9850	0.1225	0.9617	0.0441	0.9910	0.6658	0.9806	0.0693	0.9736	0.0736
	20	0.9724	1.2305	0.9729	0.1062	0.9605	0.1103	0.9047	0.0457	0.9736	0.3521	0.9464	0.1132	0.9131	0.1417
	30	0.9749	1.2357	0.9791	0.1076	0.9545	0.1060	0.8901	0.0464	0.9792	0.7672	0.9404	0.1470	0.9048	0.2075
	40	0.9431	1.2302	0.9469	0.1047	0.9187	0.1173	0.8283	0.0479	0.9417	0.7652	0.8918	0.1844	0.8216	0.2792
	Average	0.9698	1.2284	0.9725	0.1101	0.9547	0.1140	0.8962	0.0460	0.9714	0.6376	0.9398	0.1285	0.9033	0.1755
		Improvement		-0.2690%	-1016.1758%	1.5881%	-977.4782%	8.2169%	-2570.5608%	-0.1581%	-92.6682%	3.1976%	-856.2038%	7.3699%	-600.0135%
MNAR	10	0.9122	1.2224	0.9566	0.1155	0.9506	0.1178	0.8690	0.0509	0.9598	0.2843	0.9091	0.0679	0.8599	0.0738
	20	0.9697	1.2453	0.9753	0.1255	0.9602	0.1198	0.8810	0.0476	0.9740	0.3578	0.9183	0.1289	0.8753	0.1490
	30	0.7833	1.2205	0.6062	0.1243	0.5945	0.1224	0.6685	0.0514	0.8801	0.4284	0.7309	0.2263	0.6689	0.2137
	40	0.8782	1.2195	0.9302	0.1132	0.9031	0.1143	0.7320	0.0466	0.9419	0.7770	0.8245	0.2222	0.7130	0.2882
	Average	0.8858	1.2269	0.8671	0.1196	0.8521	0.1186	0.7876	0.0491	0.9390	0.4619	0.8457	0.1613	0.7793	0.1812
		Improvement		2.1651%	-925.8455%	3.9629%	-934.8665%	12.4730%	-2397.4559%	-5.6564%	-165.6350%	4.7453%	-660.5741%	13.6773%	-577.2241%

Profit dataset															
Mech	% missing value	CBRG		Least Squares		Stochastic		Norm		MICE		Fast KNN		EMI	
		MAE	RMSE	MAE	RMSE	MAE	RMSE	MAE	RMSE	MAE	RMSE	MAE	RMSE	MAE	RMSE
MAR	10	4162.2033	128.3914	6457.0069	160.0532	6519.5072	180.5623	5218.5287	344.3056	3790.1278	101.8140	4482.5282	298.6749	5172.7007	298.6749
	20	2141.7314	78.2446	5352.0969	107.0607	5424.7392	172.6326	7780.3962	828.8091	3738.8226	95.4186	6334.5291	715.1946	9526.5502	715.1946
	30	1708.3846	84.2499	410.9767	21.7223	4736.0490	92.1276	9661.1545	1405.4585	1284.9353	102.9880	6908.9522	1063.1161	10975.3111	1063.1161
	40	1930.4217	92.0180	828.9091	109.4531	4893.6143	224.2954	10787.0633	1674.8110	3694.2505	157.3384	7835.8435	1342.8315	11667.2475	1342.8315
	Average	2485.6853	95.7260	3262.2474	99.5723	5393.4774	167.4045	8361.7857	1063.3460	3127.0341	114.3897	6390.4632	854.9543	9335.4524	854.9543
		Improvement		23.8045%	3.8629%	53.9131%	42.8176%	70.2733%	90.9977%	20.5098%	16.3159%	61.1032%	88.8034%	73.3737%	88.8034%
MCAR	10	1390.3376	48.7768	1203.5278	44.5159	1548.4950	118.5318	5780.9483	480.4209	1189.1690	43.3488	3613.2393	325.6768	4891.6903	325.6768
	20	2785.0125	122.0534	3862.9863	122.1957	3787.4367	228.6127	8113.1772	880.1184	3737.0207	118.5724	6198.6916	646.8742	8372.2230	646.8742
	30	767.7386	56.8047	1224.5527	87.6368	2370.9620	331.7301	8903.4685	1193.6127	1176.7239	77.0704	6579.0008	933.1081	9459.8351	933.1081
	40	3838.5535	152.7184	3904.9270	131.0445	4158.4559	308.6750	12374.6481	1829.0639	3852.0298	137.3997	9239.6350	1368.7675	12804.9693	1368.7675
	Average	2195.4105	95.0883	2548.9984	96.3482	2966.3374	246.8874	8793.0605	1095.8040	2488.7359	94.0978	6407.6417	818.6067	8882.1794	818.6067
		Improvement		13.8716%	1.3077%	25.9892%	61.4851%	75.0325%	91.3225%	11.7861%	-1.0526%	65.7376%	88.3841%	75.2830%	88.3841%
MNAR	10	3890.3628	93.1636	3395.8300	81.4566	3299.0704	120.0371	7445.6013	431.5956	2988.4365	78.7033	6400.7257	367.3057	7853.9285	367.3057
	20	2628.4578	73.9532	2615.9840	82.8974	2784.0115	181.3751	10424.1968	975.3308	2998.6009	85.1601	7824.5078	684.0754	10440.3878	684.0754
	30	3926.1872	151.2281	7221.6405	196.7840	7144.9227	286.4528	11654.1275	1678.2099	3072.5599	206.3207	8906.6891	1396.5115	12531.3435	1396.5115
	40	4037.9006	175.3472	3245.5014	196.2182	3778.4325	441.7477	13486.7121	2073.9569	3061.8932	190.4974	10095.6964	1611.1693	14459.4018	1611.1693
	Average	3620.7271	123.4230	4119.7390	139.3391	4251.6093	257.4032	10752.6594	1289.7733	3030.3726	140.1704	8306.9047	1014.7655	11321.2654	1014.7655
		Improvement		12.1127%	11.4225%	14.8387%	52.0507%	66.3271%	90.4306%	-19.4812%	11.9479%	56.4130%	87.8373%	68.0184%	87.8373%

Wine dataset															
Mech	% missing value	CBRG		Least Squares		Stochastic		Norm		MICE		Fast KNN		EMI	
		R2score	Time	R2score	Time	R2score	Time	R2score	Time	R2score	Time	R2score	Time	R2score	Time
MAR	10	0.9940	1.0109	0.9946	0.3143	0.9915	0.3220	0.9799	0.0951	0.9946	5.2023	0.9892	0.4322	0.9803	0.4915
	20	0.9892	1.0267	0.9921	0.3757	0.9849	0.3149	0.9654	0.0665	0.9923	6.4270	0.9847	0.8725	0.9676	0.9035
	30	0.9788	1.0047	0.9794	0.2719	0.9686	0.3530	0.9464	0.0524	0.9792	8.2385	0.9762	1.0908	0.9481	1.3808
	40	0.9758	1.0189	0.9834	0.2658	0.9676	0.2769	0.9308	0.0577	0.9831	4.6049	0.9660	1.4143	0.9346	1.8102
	Average	0.9844	1.0153	0.9874	0.3069	0.9781	0.3167	0.9556	0.0679	0.9873	6.1182	0.9790	0.9525	0.9576	1.1465
		Improvement		-0.2986%	-230.7939%	0.6447%	-220.5597%	3.0177%	-1394.9858%	-0.2862%	83.4055%	0.5547%	-6.5928%	2.7991%	11.4477%
MCAR	10	0.9930	1.0234	0.9947	0.3010	0.9903	0.2813	0.9797	0.0606	0.9947	2.8023	0.9899	0.3786	0.9812	0.4541
	20	0.9887	0.9937	0.9925	0.2888	0.9848	0.3618	0.9672	0.0616	0.9925	4.2242	0.9840	0.7675	0.9662	0.9212
	30	0.9822	0.9846	0.9859	0.2671	0.9741	0.3924	0.9490	0.0695	0.9846	6.1905	0.9767	1.1338	0.9509	1.4308
	40	0.9748	0.9781	0.9834	0.2541	0.9641	0.2597	0.9301	0.0558	0.9836	12.4922	0.9660	1.4819	0.9340	1.8721
	Average	0.9847	0.9949	0.9891	0.2778	0.9783	0.3238	0.9565	0.0619	0.9889	6.4273	0.9792	0.9405	0.9581	1.1695
		Improvement		-0.4489%	-258.1947%	0.6516%	-207.2802%	2.9460%	-1507.2144%	-0.4237%	84.5203%	0.5626%	-5.7927%	2.7748%	14.9302%
MNAR	10	0.9826	0.9918	0.9850	0.3268	0.9816	0.2851	0.9650	0.0514	0.9850	5.3373	0.9766	0.3719	0.9616	0.4850
	20	0.9698	1.0232	0.9750	0.2602	0.9678	0.2910	0.9429	0.0547	0.9746	6.0004	0.9635	0.7970	0.9314	0.9722
	30	0.9648	1.0283	0.9730	0.3170	0.9622	0.2699	0.9270	0.0508	0.9731	5.6127	0.9573	1.1797	0.9197	1.3217
	40	0.9627	0.9825	0.9727	0.2627	0.9558	0.2754	0.9097	0.0722	0.9724	14.1998	0.9507	1.5224	0.9025	1.8642
	Average	0.9700	1.0065	0.9764	0.2917	0.9669	0.2804	0.9361	0.0572	0.9763	7.7875	0.9620	0.9678	0.9288	1.1608
		Improvement		-0.6606%	-245.0306%	0.3218%	-258.9860%	3.6147%	-1658.0570%	-0.6437%	87.0760%	0.8259%	-4.0000%	4.4317%	13.2934%

Wine dataset															
Mech	% missing value	CBRG		Least Squares		Stochastic		Norm		MICE		Fast KNN		EMI	
		MAE	RMSE	MAE	RMSE	MAE	RMSE	MAE	RMSE	MAE	RMSE	MAE	RMSE	MAE	RMSE
MAR	10	1.2342	0.0336	1.0347	0.0272	1.2385	0.0398	1.7928	0.0613	1.0414	0.0273	1.5339	0.0481	2.0917	0.0481
	20	1.5864	0.0670	1.2572	0.0541	1.6824	0.0763	2.6521	0.1185	1.2723	0.0550	1.9729	0.0922	2.3227	0.0922
	30	1.6014	0.0873	1.2748	0.0728	1.9950	0.1085	2.9415	0.1686	1.2828	0.0731	2.1200	0.1293	2.8954	0.1293
	40	2.3168	0.1464	1.9356	0.1193	2.7143	0.1731	3.8659	0.2564	1.9492	0.1201	2.7051	0.1852	3.9389	0.1852
	Average	1.6847	0.0836	1.3756	0.0683	1.9075	0.0994	2.8131	0.1512	1.3864	0.0689	2.0830	0.1137	2.8122	0.1137
		Improvement		-22.4720%	-22.3133%	11.6811%	15.9291%	40.1119%	44.7365%	-21.5157%	-21.2997%	19.1201%	26.4979%	40.0930%	26.4979%
MCAR	10	0.9962	0.0339	0.9447	0.0307	1.4269	0.0472	2.0436	0.0737	0.9422	0.0306	1.2630	0.0492	1.7380	0.0492
	20	1.5056	0.0668	1.2150	0.0526	1.6958	0.0749	2.4380	0.1175	1.2130	0.0525	1.7291	0.0827	2.4229	0.0827
	30	1.8847	0.1020	1.5445	0.0830	2.0548	0.1110	3.0775	0.1752	1.5487	0.0839	2.0785	0.1220	3.0383	0.1220
	40	2.2190	0.1459	1.6601	0.1103	2.5496	0.1681	3.8929	0.2576	1.6642	0.1103	2.5122	0.1782	3.8014	0.1782
	Average	1.6514	0.0871	1.3411	0.0692	1.9318	0.1003	2.8630	0.1560	1.3420	0.0693	1.8957	0.1080	2.7501	0.1080
		Improvement		-23.1372%	-25.9920%	14.5149%	13.1177%	42.3201%	44.1558%	-23.0509%	-25.6402%	12.8902%	19.3457%	39.9535%	19.3457%
MNAR	10	1.3859	0.0434	1.2648	0.0380	1.5674	0.0482	1.9111	0.0655	1.2672	0.0379	1.6779	0.0604	2.5222	0.0604
	20	1.7831	0.0937	1.5110	0.0769	1.9816	0.1021	2.8390	0.1529	1.5172	0.0777	2.2615	0.1335	3.4073	0.1335
	30	2.1976	0.1136	1.7326	0.0890	2.1881	0.1170	3.4889	0.2038	1.7252	0.0885	2.7142	0.1675	3.9624	0.1675
	40	2.5355	0.1568	2.2039	0.1304	2.7387	0.1807	4.1654	0.2818	2.2210	0.1311	3.0876	0.2127	4.3817	0.2127
	Average	1.9755	0.1019	1.6781	0.0835	2.1190	0.1120	3.1011	0.1760	1.6826	0.0838	2.4353	0.1435	3.5684	0.1435
		Improvement		-17.7252%	-21.9248%	6.7698%	9.0379%	36.2960%	42.1254%	-17.4062%	-21.5500%	18.8795%	29.0194%	44.6387%	29.0194%

California dataset															
Mech	% missing value	CBRG		Least Squares		Stochastic		Norm		MICE		Fast KNN		EMI	
		R2score	Time	R2score	Time	R2score	Time	R2score	Time	R2score	Time	R2score	Time	R2score	Time
MAR	10	0.9739	115.6974	0.9760	0.2975	0.9738	0.2667	0.9557	0.0457	0.9957	22.8395	0.9723	2.0224	0.9558	3.5017
	20	0.9829	106.7511	0.9807	0.2498	0.9750	0.2627	0.9300	0.0457	0.9909	37.6780	0.9786	3.7176	0.9333	7.2658
	30	0.6926	105.3991	0.6979	0.2470	0.6900	0.2478	0.6514	0.0462	0.7091	39.3484	0.6873	5.6208	0.6561	11.3445
	40	0.6667	109.3749	0.6889	0.2441	0.6784	0.2512	0.6156	0.0492	0.7048	73.1590	0.6589	7.8723	0.6188	15.7904
	Average	0.8290	109.3056	0.8359	0.2596	0.8293	0.2571	0.7882	0.0467	0.8501	43.2562	0.8243	4.8083	0.7910	9.4756
		Improvement		-0.8222%	-42000.6448%	-0.0336%	-42415.2195%	5.1799%	-233865.2513%	-2.4831%	-152.6934%	0.5742%	-2173.2781%	4.8021%	-1053.5478%
MCAR	10	0.9933	111.4315	0.9957	0.2939	0.9912	0.2581	0.9782	0.0442	0.9955	22.3669	0.9921	2.1550	0.9791	3.8967
	20	0.9761	107.7668	0.9850	0.2532	0.9730	0.2552	0.9390	0.0471	0.9852	16.8311	0.9722	4.0168	0.9401	7.9775
	30	0.7014	108.2830	0.7091	0.2465	0.6997	0.2479	0.6639	0.0409	0.7106	21.8946	0.6963	5.9870	0.6602	12.0287
	40	0.9665	108.3442	0.9792	0.2431	0.9559	0.2456	0.9046	0.0461	0.9795	36.6569	0.9615	8.0928	0.9111	16.3842
	Average	0.9093	108.9564	0.9173	0.2592	0.9049	0.2517	0.8714	0.0446	0.9177	24.4374	0.9055	5.0629	0.8716	10.0718
		Improvement		-0.8663%	-41936.6819%	0.4837%	-43185.1954%	4.3498%	-244308.1471%	-0.9120%	-345.8595%	0.4188%	-2052.0476%	4.2057%	-981.7997%
MNAR	10	0.9556	112.2752	0.9869	0.2890	0.9823	0.3007	0.9239	0.0511	0.9870	19.6521	0.9479	2.0022	0.9187	3.7357
	20	0.9513	109.0300	0.9655	0.2589	0.9555	0.2655	0.9053	0.0541	0.9656	26.4635	0.9407	3.7916	0.8998	7.2264
	30	0.6823	108.4197	0.6991	0.2546	0.6897	0.2526	0.6344	0.0474	0.7021	30.3255	0.6697	5.8725	0.6282	11.7714
	40	0.6773	110.1368	0.6944	0.3185	0.6826	0.3224	0.6218	0.0501	0.6963	34.7903	0.6628	8.6883	0.6098	16.5295
	Average	0.8166	109.9654	0.8365	0.2802	0.8275	0.2853	0.7714	0.0507	0.8377	27.8079	0.8053	5.0886	0.7641	9.8157
		Improvement		-2.3765%	-39139.8167%	-1.3191%	-38442.5822%	5.8633%	-216976.7481%	-2.5198%	-295.4472%	1.4086%	-2060.9947%	6.8684%	-1020.2975%

California dataset															
Mech	% missing value	CBRG		Least Squares		Stochastic		Norm		MICE		Fast KNN		EMI	
		MAE	RMSE	MAE	RMSE	MAE	RMSE	MAE	RMSE	MAE	RMSE	MAE	RMSE	MAE	RMSE
MAR	10	32.3106	0.8978	31.0088	0.8174	46.9287	1.3504	55.6050	1.6536	30.2360	0.8130	33.5540	0.8495	51.2948	0.8495
	20	52.2358	2.0064	47.3363	1.7077	67.5491	2.7795	76.6247	3.2617	47.4557	1.7450	53.3314	1.9180	79.2264	1.9180
	30	65.7418	2.9074	63.3225	2.5940	85.5978	4.1761	100.8408	5.0968	60.9704	2.6484	66.6251	2.7576	92.4102	2.7576
	40	88.2185	4.2629	105.6495	3.9622	125.9870	6.1641	126.0448	7.3287	83.0702	3.8634	89.1710	4.0398	118.3153	4.0398
	Average	59.6266	2.5186	61.8292	2.2703	81.5157	3.6175	89.7788	4.3352	55.4331	2.2675	60.6704	2.3912	85.3117	2.3912
		Improvement		3.5624%	-10.9358%	26.8525%	30.3771%	33.5849%	41.9034%	-7.5651%	-11.0764%	1.7203%	-5.3284%	30.1073%	-5.3284%
MCAR	10	52.8075	1.2712	49.2731	1.1369	63.9986	1.8142	67.1350	2.0534	51.0716	1.1443	48.1534	1.1612	67.1093	1.1612
	20	107.0147	2.7224	103.5050	2.5414	72.2126	3.1112	122.7579	4.1593	103.5327	2.5448	107.3149	2.6602	130.4005	2.6602
	30	78.4218	3.3628	72.2126	3.1112	101.8505	5.2614	108.6612	5.7241	74.0113	3.1240	74.0694	3.2049	103.0696	3.2049
	40	109.4060	4.5664	104.1366	4.2827	131.5768	7.0485	140.9340	7.4876	103.9974	4.2907	109.8187	4.3192	133.6080	4.3192
	Average	86.9125	2.9807	82.2818	2.7681	92.4096	4.3088	109.8720	4.8561	83.1532	2.7759	84.8391	2.8364	108.5468	2.8364
		Improvement		-5.6278%	-7.6818%	5.9487%	30.8234%	20.8966%	38.6193%	-4.5209%	-7.3764%	-2.4439%	-5.0885%	19.9309%	-5.0885%
MNAR	10	99.3908	2.5108	91.7004	2.2767	100.1166	2.6666	106.5341	2.9970	91.7645	2.2789	99.6467	2.7395	112.8797	2.7395
	20	99.8943	3.5180	90.9355	3.1881	109.7880	4.3668	112.9277	4.5306	90.7902	3.1838	100.2411	3.8367	125.5429	3.8367
	30	107.6085	4.3732	112.8983	4.0815	132.8942	5.6207	130.5849	6.1597	98.9425	3.9831	108.7457	4.7418	137.4176	4.7418
	40	129.7642	6.0916	119.7480	5.6121	143.1999	8.0485	155.9890	8.7749	120.3014	5.6083	128.0921	6.5089	159.6170	6.5089
	Average	109.1644	4.1234	103.8206	3.7896	121.4997	5.1756	126.5089	5.6156	100.4497	3.7635	109.1814	4.4567	133.8643	4.4567
		Improvement		-5.1472%	-8.8092%	10.1525%	20.3301%	13.7101%	26.5714%	-8.6758%	-9.5624%	0.0155%	7.4786%	18.4514%	7.4786%

diamond dataset															
Mech	% missing value	CBRG		Least Squares		Stochastic		Norm		MICE		Fast KNN		EMI	
		R2score	Time	R2score	Time	R2score	Time	R2score	Time	R2score	Time	R2score	Time	R2score	Time
MAR	10	0.9927	31.9178	0.9746	0.6220	0.9690	0.5005	0.9724	0.0589	0.9923	73.8956	0.9891	9.3667	0.9697	23.2302
	20	0.9884	37.8729	0.9852	0.5490	0.9745	0.5195	0.9481	0.0538	0.9884	233.4352	0.9807	17.4641	0.9456	41.6056
	30	0.9829	36.8791	0.9764	0.5316	0.9621	0.5531	0.9268	0.0572	0.9807	198.7877	0.9722	27.9822	0.9230	65.3636
	40	0.9768	32.8338	0.9763	0.5502	0.9565	0.5770	0.9050	0.0586	0.9769	397.1262	0.9632	43.3750	0.9021	86.9743
	Average	0.9852	34.8759	0.9781	0.5632	0.9655	0.5375	0.9381	0.0571	0.9846	225.8112	0.9763	24.5470	0.9351	54.2934
	Improvement		0.7232%	-6092.5620%	2.0402%	-6388.4903%	5.0245%	-60954.4142%	0.0622%	84.5553%	0.9091%	-42.0782%	5.3563%	35.7640%	
MCAR	10	0.9946	31.3212	0.9945	0.5851	0.9889	0.5457	0.9771	0.0540	0.9946	59.5788	0.9922	10.0140	0.9781	19.7634
	20	0.9883	31.5702	0.9884	0.4993	0.9772	0.5131	0.9548	0.0558	0.9879	93.6527	0.9843	21.1890	0.9569	40.9356
	30	0.9823	31.4436	0.9825	0.4897	0.9661	0.4999	0.9338	0.0551	0.9819	181.6943	0.9761	26.2854	0.9343	62.3040
	40	0.9397	33.6287	0.9750	0.4787	0.9544	0.4932	0.9126	0.0557	0.9779	230.3123	0.9691	35.8542	0.9161	83.1780
	Average	0.9762	31.9909	0.9851	0.5132	0.9716	0.5130	0.9446	0.0551	0.9856	141.3095	0.9804	23.3357	0.9463	51.5453
	Improvement		-0.8993%	-6133.5188%	0.4749%	-6136.4471%	3.3500%	-57926.0603%	-0.9453%	77.3611%	-0.4261%	-37.0904%	3.1587%	37.9362%	
MNAR	10	0.9858	30.7079	0.9856	0.5842	0.9801	0.5456	0.9594	0.0527	0.9855	71.1881	0.9785	9.1088	0.9545	20.5060
	20	0.9841	33.3990	0.9842	0.5459	0.9734	0.5559	0.9386	0.0606	0.9843	108.2583	0.9735	18.3066	0.9315	41.5383
	30	0.9779	32.1922	0.9778	0.5261	0.9625	0.5366	0.9169	0.0555	0.9774	106.6329	0.9650	27.0596	0.9081	63.0438
	40	0.9724	32.9312	0.9725	0.5138	0.9524	0.5141	0.8978	0.0580	0.9728	233.7685	0.9581	35.3758	0.8878	93.7699
	Average	0.9800	32.3076	0.9800	0.5425	0.9671	0.5380	0.9282	0.0567	0.9800	129.9619	0.9688	22.4627	0.9205	54.7145
	Improvement		0.0023%	-5855.1517%	1.3393%	-5904.6646%	5.5907%	-56857.3145%	0.0032%	75.1408%	1.1631%	-43.8277%	6.4735%	40.9525%	

diamond dataset															
Mech	% missing value	CBRG		Least Squares		Stochastic		Norm		MICE		Fast KNN		EMI	
		MAE	RMSE	MAE	RMSE	MAE	RMSE	MAE	RMSE	MAE	RMSE	MAE	RMSE	MAE	RMSE
MAR	10	101.0032	2.6069	72.8991	1.6260	78.9682	2.0134	244.5781	6.8884	72.2514	1.6273	209.3922	6.3899	264.1510	6.3899
	20	120.8799	4.4398	89.2497	2.8328	107.6249	3.8002	329.5868	12.5258	87.6253	2.8197	267.2512	11.0523	347.1115	11.0523
	30	152.2259	6.5527	109.2525	4.1803	129.0315	5.6581	404.7863	19.2656	105.2668	4.2002	317.5627	16.0619	408.3108	16.0619
	40	164.3456	8.4003	120.0828	5.2812	141.4826	7.1788	441.0608	24.0260	115.3154	5.2868	347.2996	19.5140	456.0786	19.5140
	Average	134.6137	5.4999	97.8710	3.4801	114.2768	4.6626	355.0030	15.6765	95.1147	3.4835	285.3764	13.2545	368.9130	13.2545
	Improvement			-37.5419%	-58.0402%	-17.7961%	-17.9576%	62.0810%	64.9159%	-41.5277%	-57.8866%	52.8294%	58.5051%	63.5107%	58.5051%
MCAR	10	72.5144	1.8581	49.0874	1.1468	67.4255	1.8995	199.2656	5.9039	49.0492	1.1465	139.6341	3.5968	198.9860	3.5968
	20	101.5740	3.4455	71.5346	2.2170	99.4080	3.6861	290.1797	11.2887	71.6860	2.2280	211.0028	7.5645	276.4177	7.5645
	30	116.4119	4.9716	77.1239	3.0875	111.9811	5.1549	331.7866	15.5206	77.0833	3.0915	242.9656	10.4521	337.9391	10.4521
	40	137.3338	6.8048	99.5925	4.3413	137.1644	7.1531	403.6053	21.9801	100.0655	4.3599	287.4212	14.0811	388.8220	14.0811
	Average	106.9585	4.2700	74.3346	2.6981	103.9948	4.4734	306.2093	13.6733	74.4710	2.7065	220.2559	8.9236	300.5412	8.9236
	Improvement			-43.8879%	-58.2561%	-2.8499%	4.5471%	65.0701%	68.7715%	-43.6243%	-57.7687%	51.4390%	52.1498%	64.4114%	52.1498%
MNAR	10	123.5239	3.2356	84.9549	2.0420	95.8549	2.4745	305.8729	8.5648	84.4494	2.0325	263.1455	8.3526	318.0494	8.3526
	20	160.5637	5.7477	115.4022	3.8476	132.6064	4.8847	390.5811	15.3451	114.4403	3.8199	328.4192	14.3094	400.6977	14.3094
	30	170.2514	6.9299	108.0425	4.2801	128.8031	5.7474	421.4267	19.6646	105.9981	4.2430	348.2505	17.3390	443.3272	17.3390
	40	184.9283	8.5098	132.9336	5.5825	155.4493	7.5250	444.0787	23.7202	130.2582	5.5673	363.7296	20.4535	468.7460	20.4535
	Average	159.8168	6.1058	110.3333	3.9381	128.1785	5.1579	390.4898	16.8237	108.7865	3.9157	325.8862	15.1137	407.7051	15.1137
	Improvement			-44.8491%	-55.0451%	-24.6831%	-18.3773%	59.0727%	63.7073%	-46.9087%	-55.9316%	50.9593%	59.6010%	60.8009%	59.6010%

BNG (10000) dataset															
Mech	% missing value	CBRG		Least Squares		Stochastic		Norm		MICE		Fast KNN		EMI	
		R2score	Time	R2score	Time	R2score	Time	R2score	Time	R2score	Time	R2score	Time	R2score	Time
MAR	10	0.9911	0.3447	0.9915	1.2896	0.9839	1.2272	0.9809	0.2244	0.9915	30.2953	0.9885	3.7232	0.9812	3.9575
	20	0.9830	0.3370	0.9831	1.1883	0.9684	1.1390	0.9664	0.1839	0.9833	44.5601	0.9785	7.2897	0.9646	7.8242
	30	0.9774	0.5520	0.9776	1.1425	0.9575	1.1345	0.9513	0.1858	0.9780	39.0810	0.9706	10.7572	0.9524	12.1003
	40	0.9687	0.3758	0.9687	1.0530	0.9421	1.0047	0.9318	0.1692	0.9693	32.6560	0.9595	14.9404	0.9370	17.1817
	Average	0.9800	0.4024	0.9803	1.1683	0.9630	1.1263	0.9576	0.1908	0.9805	36.6481	0.9743	9.1776	0.9588	10.2659
	Improvement			-0.0219%	65.5595%	1.7688%	64.2752%	2.3403%	-110.9013%	-0.0497%	98.9020%	0.5907%	95.6156%	2.2152%	96.0804%
MCAR	10	0.9920	0.3234	0.9923	1.2720	0.9847	2.3865	0.9835	0.1993	0.9923	41.0366	0.9896	4.5100	0.9847	7.3372
	20	0.9833	0.3343	0.9837	1.9328	0.9694	1.3583	0.9645	0.1872	0.9837	28.9751	0.9787	10.4274	0.9668	11.1855
	30	0.9778	0.3508	0.9786	1.1750	0.9553	1.3009	0.9512	0.3116	0.9786	53.4051	0.9548	15.0100	0.9713	18.1199
	40	0.9670	0.3767	0.9679	1.1752	0.9404	1.2177	0.9305	0.1861	0.9679	57.5804	0.9583	22.8230	0.9364	18.8771
	Average	0.9800	0.3463	0.9806	1.3888	0.9624	1.5658	0.9574	0.2211	0.9806	45.2493	0.9703	13.1926	0.9648	13.8799
	Improvement			-0.0633%	75.0643%	1.8235%	77.8843%	2.3563%	-56.6580%	-0.0659%	99.2347%	0.9942%	97.3751%	1.5750%	97.5050%
MNAR	10	0.9851	0.3235	0.9857	1.7790	0.9779	1.6347	0.9770	0.2407	0.9857	37.4221	0.9822	5.2709	0.9720	4.4426
	20	0.9763	0.3375	0.9770	1.4255	0.9628	1.2835	0.9590	0.1713	0.9771	52.0264	0.9708	9.2126	0.9521	10.7959
	30	0.9670	0.4871	0.9680	2.0511	0.9487	1.6238	0.9378	0.2614	0.9682	47.6253	0.9590	15.1539	0.9343	15.6495
	40	0.9608	0.5324	0.9615	1.8038	0.9344	1.6575	0.9247	0.2765	0.9620	69.0471	0.9513	22.2049	0.9174	26.4042
	Average	0.9723	0.4201	0.9730	1.7649	0.9559	1.5499	0.9496	0.2375	0.9733	51.5302	0.9658	12.9606	0.9439	14.3230
	Improvement			-0.0746%	76.1951%	1.7124%	72.8929%	2.3881%	-76.9095%	-0.0990%	99.1847%	0.6688%	96.7584%	3.0032%	97.0668%

BNG (10000) dataset															
Mech	% missing value	CBRG		Least Squares		Stochastic		Norm		MICE		Fast KNN		EMI	
		MAE	RMSE	MAE	RMSE	MAE	RMSE	MAE	RMSE	MAE	RMSE	MAE	RMSE	MAE	RMSE
MAR	10	1.6002	0.0605	1.5851	0.0600	2.1849	0.0843	2.1776	0.0846	1.5860	0.0602	1.6376	0.0638	2.1117	0.0638
	20	2.3533	0.1248	2.3588	0.1241	3.2198	0.1688	3.1313	0.1677	2.3537	0.1242	2.3877	0.1264	3.2295	0.1264
	30	2.6117	0.1773	2.6126	0.1780	3.9147	0.2623	3.7456	0.2544	2.6056	0.1772	2.6372	0.1796	3.6394	0.1796
	40	3.1230	0.2258	3.1570	0.2278	4.2257	0.3161	4.5241	0.3394	3.1190	0.2272	3.1372	0.2265	4.3123	0.2265
	Average	2.4220	0.1471	2.4284	0.1475	3.3863	0.2079	3.3946	0.2115	2.4161	0.1472	2.4499	0.1491	3.3232	0.1491
	Improvement			0.2605%	0.2842%	28.4751%	29.2445%	28.6509%	30.4710%	-0.2464%	0.0960%	1.1380%	1.3220%	27.1176%	1.3220%
MCAR	10	1.5574	0.0594	1.5374	0.0586	2.1162	0.0837	2.2734	0.0859	1.5371	0.0586	1.5753	0.0600	2.0276	0.0600
	20	2.3207	0.1186	2.3055	0.1172	3.1546	0.1673	3.0669	0.1654	2.3066	0.1173	2.3141	0.1180	3.1392	0.1180
	30	2.5308	0.1552	2.5522	0.1565	3.6878	0.2304	3.6546	0.2409	2.5480	0.1561	2.5515	0.1577	3.5564	0.1577
	40	3.4022	0.2442	3.3506	0.2405	4.4117	0.3299	4.7656	0.3562	3.3467	0.2402	3.4167	0.2463	4.5486	0.2463
	Average	2.4528	0.1443	2.4364	0.1432	3.3426	0.2028	3.4401	0.2121	2.4346	0.1431	2.4644	0.1455	3.3180	0.1455
	Improvement			-0.6708%	-0.7865%	26.6207%	28.8347%	28.7014%	31.9397%	-0.7450%	-0.9000%	0.4723%	0.7893%	26.0760%	0.7893%
MNAR	10	2.4897	0.0883	2.4755	0.0876	2.9861	0.1077	2.6853	0.1008	2.4777	0.0877	2.5159	0.0913	3.2141	0.0913
	20	2.9674	0.1395	2.9503	0.1371	3.6844	0.1821	3.5093	0.1699	2.9469	0.1370	2.9632	0.1412	3.8741	0.1412
	30	3.3941	0.2015	3.3797	0.1973	4.2438	0.2613	4.0642	0.2624	3.3745	0.1972	3.4224	0.2052	4.7587	0.2052
	40	3.6407	0.2552	3.6579	0.2535	4.7414	0.3448	4.8969	0.3656	3.6486	0.2528	3.6781	0.2596	4.9443	0.2596
	Average	3.1230	0.1711	3.1158	0.1689	3.9139	0.2240	3.7889	0.2247	3.1119	0.1687	3.1449	0.1743	4.1978	0.1743
	Improvement			-0.2289%	-1.3327%	20.2081%	23.5994%	17.5765%	23.8289%	-0.3547%	-1.4598%	0.6972%	1.8448%	25.6046%	1.8448%

BNG (15000) dataset															
Mech	% missing value	CBRG		Least Squares		Stochastic		Norm		MICE		Fast KNN		EMI	
		R2score	Time	R2score	Time	R2score	Time	R2score	Time	R2score	Time	R2score	Time	R2score	Time
MAR	10	0.9918	0.4565	0.9921	1.8828	0.9842	1.7639	0.9830	0.2220	0.9922	74.2948	0.9895	10.6167	0.9829	10.0512
	20	0.9842	0.4933	0.9849	2.1622	0.9701	3.8716	0.9668	0.3156	0.9850	63.0566	0.9800	17.5294	0.9675	19.6446
	30	0.9773	0.5467	0.9780	2.8796	0.9572	2.2821	0.9515	0.2684	0.9782	71.7609	0.9702	30.1089	0.9529	30.0275
	40	0.9682	0.5569	0.9687	2.1310	0.9422	2.5601	0.9338	0.3336	0.9691	87.7444	0.9591	37.9306	0.9367	45.8879
	Average	0.9803	0.5133	0.9810	2.2639	0.9634	2.6194	0.9588	0.2849	0.9811	74.2142	0.9747	24.0464	0.9600	26.4028
		Improvement		-0.0622%	77.3253%	1.7562%	80.4028%	2.2497%	-80.1744%	-0.0799%	99.3083%	0.5777%	97.8652%	2.1196%	98.0558%
MCAR	10	0.9926	0.4522	0.9927	1.9819	0.9854	2.0753	0.9829	0.3285	0.9927	73.3636	0.9902	7.6275	0.9849	10.5580
	20	0.9845	0.4810	0.9850	1.4528	0.9697	1.4781	0.9680	0.1976	0.9850	64.1001	0.9802	20.8390	0.9684	28.8348
	30	0.9764	0.5200	0.9772	1.6435	0.9563	1.4798	0.9484	0.2179	0.9772	91.0866	0.9699	24.1670	0.9534	29.8058
	40	0.9693	0.5560	0.9704	1.5565	0.9411	1.6117	0.9337	0.2125	0.9704	125.2856	0.9604	39.9540	0.9376	43.4232
	Average	0.9807	0.5023	0.9813	1.6587	0.9631	1.6613	0.9583	0.2391	0.9813	88.4589	0.9752	23.1469	0.9611	28.1555
		Improvement		-0.0651%	69.7178%	1.8249%	69.7647%	2.3389%	-110.0741%	-0.0653%	99.4322%	0.5636%	97.8300%	2.0395%	98.2160%
MNAR	10	0.9854	0.4561	0.9861	1.7135	0.9790	1.6614	0.9746	0.2891	0.9861	64.4663	0.9823	8.9253	0.9723	9.5650
	20	0.9749	0.4935	0.9761	1.7028	0.9620	1.6211	0.9557	0.2111	0.9763	52.7038	0.9695	16.4145	0.9501	21.4797
	30	0.9677	0.5113	0.9685	1.8748	0.9483	2.2800	0.9401	0.2532	0.9689	68.3413	0.9604	23.7467	0.9335	28.5009
	40	0.9616	0.5590	0.9626	1.5636	0.9331	1.5876	0.9268	0.2051	0.9632	90.5235	0.9540	31.2380	0.9193	36.0534
	Average	0.9724	0.5050	0.9733	1.7137	0.9556	1.7875	0.9493	0.2397	0.9736	69.0087	0.9665	20.0811	0.9438	23.8997
		Improvement		-0.0936%	70.5310%	1.7577%	71.7487%	2.4354%	-110.7173%	-0.1239%	99.2682%	0.6066%	97.4852%	3.0311%	97.8870%

BNG (15000) dataset															
Mech	% missing value	CBRG		Least Squares		Stochastic		Norm		MICE		Fast KNN		EMI	
		MAE	RMSE	MAE	RMSE	MAE	RMSE	MAE	RMSE	MAE	RMSE	MAE	RMSE	MAE	RMSE
MAR	10	1.6189	0.0575	2.1668	0.1095	3.0763	0.1583	3.0118	0.1618	2.1558	0.1095	2.2016	0.1132	2.9889	0.1132
	20	2.1835	0.1117	1.6103	0.0570	2.4019	0.0869	2.2551	0.0837	1.6069	0.0570	1.6398	0.0592	2.3120	0.0592
	30	2.6780	0.1676	2.6656	0.1646	3.7752	0.2357	3.7128	0.2381	2.6665	0.1655	2.6801	0.1678	3.7386	0.1678
	40	2.9302	0.2187	2.9333	0.2176	4.1995	0.3158	4.2176	0.3188	2.9214	0.2174	2.9547	0.2220	3.9911	0.2220
	Average	2.3527	0.1389	2.3440	0.1372	3.3632	0.1992	3.2993	0.2006	2.3376	0.1374	2.3691	0.1406	3.2576	0.1406
		Improvement		-0.3704%	-1.2413%	30.0471%	30.2665%	28.6922%	30.7768%	-0.6422%	-1.1033%	0.6918%	1.1892%	27.7802%	1.1892%
MCAR	10	1.5600	0.0582	1.5534	0.0570	2.3244	0.0877	2.1286	0.0850	1.5534	0.0569	1.5775	0.0578	2.0434	0.0578
	20	2.2623	0.1167	2.2278	0.1137	3.1324	0.1637	3.1424	0.1647	2.2296	0.1138	2.2816	0.1160	3.1693	0.1160
	30	2.7726	0.1795	2.7498	0.1764	3.8610	0.2534	3.9783	0.2625	2.7490	0.1761	2.7993	0.1801	3.7387	0.1801
	40	3.1073	0.2295	3.0737	0.2248	4.3668	0.3233	4.3889	0.3308	3.0755	0.2249	3.1157	0.2293	4.3536	0.2293
	Average	2.4255	0.1460	2.4012	0.1430	3.4211	0.2070	3.4095	0.2108	2.4019	0.1429	2.4435	0.1458	3.3263	0.1458
		Improvement		-1.0148%	-2.1056%	29.1016%	29.4909%	28.8600%	30.7339%	-0.9854%	-2.1422%	0.7367%	-0.1155%	27.0790%	-0.1155%
MNAR	10	2.3661	0.0783	2.3553	0.0781	2.8256	0.0953	3.0953	0.1073	2.3549	0.0781	2.3859	0.0816	3.0663	0.0816
	20	2.8539	0.1401	2.8404	0.1376	3.5698	0.1773	3.5253	0.1824	2.8353	0.1373	2.8725	0.1430	3.8572	0.1430
	30	3.3621	0.1989	3.3474	0.1971	4.2218	0.2591	4.4296	0.2740	3.3448	0.1968	3.3833	0.2050	4.5327	0.2050
	40	3.5776	0.2506	3.5565	0.2473	4.7763	0.3523	4.7567	0.3573	3.5520	0.2465	3.5989	0.2548	4.8669	0.2548
	Average	3.0399	0.1670	3.0249	0.1650	3.8484	0.2210	3.9517	0.2302	3.0218	0.1647	3.0601	0.1711	4.0808	0.1711
		Improvement		-0.4965%	-1.1934%	21.0084%	24.4399%	23.0745%	27.4812%	-0.5999%	-1.3896%	0.6614%	2.4067%	25.5068%	2.4067%

BNG (20000) dataset															
Mech	% missing value	CBRG		Least Squares		Stochastic		Norm		MICE		Fast KNN		EMI	
		R2score	Time	R2score	Time	R2score	Time	R2score	Time	R2score	Time	R2score	Time	R2score	Time
MAR	10	0.9918	0.4565	0.9921	1.8828	0.9842	1.7639	0.9830	0.2220	0.9922	74.2948	0.9895	10.6167	0.9829	10.0512
	20	0.9842	0.4933	0.9849	2.1622	0.9701	3.8716	0.9668	0.3156	0.9850	63.0566	0.9800	17.5294	0.9675	19.6446
	30	0.9773	0.5467	0.9780	2.8796	0.9572	2.2821	0.9515	0.2684	0.9782	71.7609	0.9702	30.1089	0.9529	30.0275
	40	0.9682	0.5569	0.9687	2.1310	0.9422	2.5601	0.9338	0.3336	0.9691	87.7444	0.9591	37.9306	0.9367	45.8879
	Average	0.9803	0.5133	0.9810	2.2639	0.9634	2.6194	0.9588	0.2849	0.9811	74.2142	0.9747	24.0464	0.9600	26.4028
		Improvement		-0.0622%	77.3253%	1.7562%	80.4028%	2.2497%	-80.1744%	-0.0799%	99.3083%	0.5777%	97.8652%	2.1196%	98.0558%
MCAR	10	0.9926	0.4522	0.9927	1.9819	0.9854	2.0753	0.9829	0.3285	0.9927	73.3636	0.9902	7.6275	0.9849	10.5580
	20	0.9845	0.4810	0.9850	1.4528	0.9697	1.4781	0.9680	0.1976	0.9850	64.1001	0.9802	20.8390	0.9684	28.8348
	30	0.9764	0.5200	0.9772	1.6435	0.9563	1.4798	0.9484	0.2179	0.9772	91.0866	0.9699	24.1670	0.9534	29.8058
	40	0.9693	0.5560	0.9704	1.5565	0.9411	1.6117	0.9337	0.2125	0.9704	125.2856	0.9604	39.9540	0.9376	43.4232
	Average	0.9807	0.5023	0.9813	1.6587	0.9631	1.6613	0.9583	0.2391	0.9813	88.4589	0.9752	23.1469	0.9611	28.1555
		Improvement		-0.0651%	69.7178%	1.8249%	69.7647%	2.3389%	-110.0741%	-0.0653%	99.4322%	0.5636%	97.8300%	2.0395%	98.2160%
MNAR	10	0.9854	0.4561	0.9861	1.7135	0.9790	1.6614	0.9746	0.2891	0.9861	64.4663	0.9823	8.9253	0.9723	9.5650
	20	0.9749	0.4935	0.9761	1.7028	0.9620	1.6211	0.9557	0.2111	0.9763	52.7038	0.9695	16.4145	0.9501	21.4797
	30	0.9677	0.5113	0.9685	1.8748	0.9483	2.2800	0.9401	0.2532	0.9689	68.3413	0.9604	23.7467	0.9335	28.5009
	40	0.9616	0.5590	0.9626	1.5636	0.9331	1.5876	0.9268	0.2051	0.9632	90.5235	0.9540	31.2380	0.9193	36.0534
	Average	0.9724	0.5050	0.9733	1.7137	0.9556	1.7875	0.9493	0.2397	0.9736	69.0087	0.9665	20.0811	0.9438	23.8997
		Improvement		-0.0936%	70.5310%	1.7577%	71.7487%	2.4354%	-110.7173%	-0.1239%	99.2682%	0.6066%	97.4852%	3.0311%	97.8870%

BNG (20000) dataset															
Mech	% missing value	CBRG		Least Squares		Stochastic		Norm		MICE		Fast KNN		EMI	
		MAE	RMSE	MAE	RMSE	MAE	RMSE	MAE	RMSE	MAE	RMSE	MAE	RMSE	MAE	RMSE
MAR	10	1.4716	0.0571	1.4792	0.0575	2.1623	0.0803	2.0586	0.0804	1.4822	0.0576	1.4772	0.0571	2.0690	0.0571
	20	2.1139	0.1109	2.0981	0.1095	2.9079	0.1548	3.0964	0.1668	2.1024	0.1098	2.1337	0.1127	2.8824	0.1127
	30	2.7321	0.1728	2.7061	0.1697	3.8559	0.2438	3.8176	0.2494	2.7101	0.1702	2.7470	0.1741	3.6813	0.1741
	40	3.1700	0.2358	3.1603	0.2337	4.3239	0.3284	4.4148	0.3380	3.1365	0.2322	3.1924	0.2386	4.3704	0.2386
	Average	2.3719	0.1441	2.3609	0.1426	3.3125	0.2018	3.3469	0.2087	2.3578	0.1424	2.3876	0.1456	3.2508	0.1456
		Improvement		-0.4662%	-1.1057%	28.3957%	28.5796%	29.1301%	30.9246%	-0.5984%	-1.1963%	0.6562%	1.0277%	27.0360%	1.0277%
MCAR	10	1.5491	0.0551	1.5261	0.0536	2.1373	0.0765	2.1220	0.0798	1.5264	0.0536	1.5606	0.0561	2.0783	0.0561
	20	2.2497	0.1149	2.2394	0.1135	3.1132	0.1598	3.1474	0.1686	2.2395	0.1135	2.2742	0.1165	3.0531	0.1165
	30	2.7722	0.1743	2.7498	0.1711	3.8385	0.2432	3.8919	0.2514	2.7487	0.1711	2.7900	0.1742	3.7134	0.1742
	40	3.2298	0.2320	3.2046	0.2283	4.4028	0.3247	4.5116	0.3354	3.2047	0.2281	3.2419	0.2327	4.4955	0.2327
	Average	2.4502	0.1441	2.4299	0.1416	3.3730	0.2011	3.4182	0.2088	2.4298	0.1416	2.4667	0.1449	3.3351	0.1449
		Improvement		-0.8332%	-1.7482%	27.3576%	28.3342%	28.3195%	30.9933%	-0.8379%	-1.7758%	0.6682%	0.5383%	26.5328%	0.5383%
MNAR	10	2.5999	0.0917	2.5907	0.0899	3.2223	0.1132	3.0843	0.1131	2.5873	0.0898	2.6172	0.0939	3.4066	0.0939
	20	2.8665	0.1453	2.8560	0.1418	3.6511	0.1860	3.5948	0.1861	2.8569	0.1418	2.8842	0.1482	3.8681	0.1482
	30	3.1589	0.1984	3.1661	0.1953	4.1117	0.2631	4.1706	0.2693	3.1471	0.1943	3.1963	0.2034	4.5200	0.2034
	40	3.4973	0.2455	3.4847	0.2427	4.6391	0.3317	4.6809	0.3458	3.4701	0.2420	3.5105	0.2480	4.8555	0.2480
	Average	3.0307	0.1702	3.0244	0.1674	3.9061	0.2235	3.8827	0.2286	3.0154	0.1670	3.0521	0.1734	4.1625	0.1734
		Improvement		-0.2081%	-1.6583%	22.4113%	23.8530%	21.9437%	25.5392%	-0.5067%	-1.9132%	0.7018%	1.8219%	27.1920%	1.8219%

BNG (50000) dataset															
Mech	% missing value	CBRG		Least Squares		Stochastic		Norm		MICE		Fast KNN		EMI	
		R2score	Time	R2score	Time	R2score	Time	R2score	Time	R2score	Time	R2score	Time	R2score	Time
MAR	10	0.9919	2.1223	0.9923	2.5828	0.9852	2.8120	0.9829	0.2991	0.9923	139.8180	0.9895	39.8343	0.9827	69.8524
	20	0.9834	1.8846	0.9839	2.4411	0.9694	2.7868	0.9658	0.2160	0.9840	338.7035	0.9793	80.2408	0.9661	128.3386
	30	0.9759	2.0436	0.9765	2.4475	0.9558	2.4370	0.9487	0.2252	0.9768	462.1832	0.9697	105.6518	0.9505	180.7764
	40	0.9680	2.5546	0.9685	2.4593	0.9422	2.3289	0.9319	0.2362	0.9691	455.8960	0.9594	151.5706	0.9349	244.5915
	Average	0.9798	2.1513	0.9803	2.4827	0.9631	2.5912	0.9574	0.2441	0.9805	349.1502	0.9745	94.3244	0.9586	155.8897
	Improvement			-0.0496%	13.3483%	1.7317%	16.9755%	2.3465%	-781.2251%	-0.0737%	99.3838%	0.5505%	97.7192%	2.2168%	98.6200%
MCAR	10	0.9927	1.4067	0.9929	2.5333	0.9861	2.5827	0.9838	0.2295	0.9929	201.4858	0.9906	43.2263	0.9848	66.2909
	20	0.9845	1.6316	0.9850	2.8486	0.9705	3.8138	0.9661	0.2791	0.9850	268.6171	0.9805	96.3127	0.9690	165.3247
	30	0.9765	2.0706	0.9775	2.6206	0.9563	2.6543	0.9495	0.2510	0.9775	751.3455	0.9708	135.5775	0.9532	261.9530
	40	0.9684	2.5311	0.9692	2.4359	0.9399	2.5002	0.9343	0.2567	0.9692	508.1519	0.9607	164.9656	0.9376	399.7990
	Average	0.9805	1.9100	0.9811	2.6096	0.9632	2.8877	0.9585	0.2541	0.9811	432.4001	0.9756	110.0206	0.9611	223.3419
	Improvement			-0.0627%	26.8090%	1.8023%	33.8583%	2.3021%	-651.8110%	-0.0632%	99.5583%	0.4996%	98.2640%	2.0158%	99.1448%
MNAR	10	0.9851	1.4567	0.9859	2.9748	0.9786	3.0659	0.9758	0.2437	0.9859	294.5022	0.9827	44.3005	0.9722	96.4161
	20	0.9750	1.6492	0.9761	2.4930	0.9618	2.5971	0.9569	0.2378	0.9762	237.6230	0.9703	72.6356	0.9506	124.8703
	30	0.9677	2.5047	0.9687	2.8585	0.9468	2.6719	0.9418	0.2440	0.9690	566.9482	0.9606	129.2861	0.9341	196.5222
	40	0.9612	2.5122	0.9623	3.6041	0.9336	2.8932	0.9262	0.3417	0.9628	552.4126	0.9525	170.6084	0.9179	349.0920
	Average	0.9722	2.0307	0.9732	2.9826	0.9552	2.8070	0.9502	0.2668	0.9735	412.8715	0.9665	104.2076	0.9437	191.7251
	Improvement			-0.1023%	31.9152%	1.7829%	27.6562%	2.3229%	-661.1278%	-0.1278%	99.5082%	0.5912%	98.0513%	3.0264%	98.9408%

BNG (50000) dataset															
Mech	% missing value	CBRG		Least Squares		Stochastic		Norm		MICE		Fast KNN		EMI	
		MAE	RMSE	MAE	RMSE	MAE	RMSE	MAE	RMSE	MAE	RMSE	MAE	RMSE	MAE	RMSE
MAR	10	1.6866	0.0608	1.6729	0.0603	2.2384	0.0829	2.2303	0.0846	1.6687	0.0602	1.6846	0.0612	2.2649	0.0612
	20	2.3274	0.1212	2.3173	0.1198	3.2338	0.1700	3.2458	0.1736	2.3134	0.1201	2.3402	0.1218	3.2444	0.1218
	30	2.7054	0.1727	2.6860	0.1704	3.7373	0.2426	3.8286	0.2515	2.6763	0.1707	2.7290	0.1746	3.8069	0.1746
	40	3.1538	0.2320	3.1505	0.2294	4.3360	0.3208	4.4382	0.3366	3.1291	0.2291	3.1694	0.2339	4.3674	0.2339
	Average	2.4683	0.1467	2.4567	0.1450	3.3864	0.2041	3.4357	0.2116	2.4469	0.1450	2.4808	0.1479	3.4209	0.1479
	Improvement			-0.4714%	-1.1726%	27.1117%	28.1330%	28.1584%	30.6729%	-0.8748%	-1.1340%	0.5052%	0.8220%	27.8471%	0.8220%
MCAR	10	1.5351	0.0566	1.5210	0.0556	2.2345	0.0811	2.3050	0.0849	1.5213	0.0556	1.5381	0.0566	2.1010	0.0566
	20	2.2704	0.1174	2.2515	0.1151	3.1718	0.1655	3.2558	0.1718	2.2506	0.1151	2.2830	0.1177	3.0448	0.1177
	30	2.6733	0.1696	2.6475	0.1665	3.8136	0.2469	3.8038	0.2486	2.6467	0.1664	2.6963	0.1707	3.7020	0.1707
	40	3.1709	0.2312	3.1437	0.2267	4.4648	0.3288	4.4442	0.3326	3.1435	0.2266	3.1911	0.2319	4.3810	0.2319
	Average	2.4124	0.1437	2.3909	0.1410	3.4212	0.2056	3.4522	0.2095	2.3905	0.1409	2.4271	0.1442	3.3072	0.1442
	Improvement			-0.8993%	-1.9383%	29.4849%	30.0947%	30.1192%	31.4031%	-0.9166%	-1.9879%	0.6053%	0.3496%	27.0547%	0.3496%
MNAR	10	2.3119	0.0839	2.2983	0.0819	2.8251	0.1033	2.7615	0.1039	2.2966	0.0818	2.3254	0.0856	2.9898	0.0856
	20	3.0249	0.1479	3.0071	0.1451	3.6904	0.1842	3.7001	0.1896	2.9979	0.1449	3.0446	0.1514	4.1194	0.1514
	30	3.2833	0.1978	3.2660	0.1948	4.1362	0.2597	4.2032	0.2652	3.2616	0.1946	3.2965	0.2021	4.4322	0.2021
	40	3.4363	0.2423	3.4262	0.2391	4.6475	0.3365	4.6804	0.3432	3.4055	0.2380	3.4575	0.2472	4.9690	0.2472
	Average	3.0141	0.1680	2.9994	0.1652	3.8248	0.2209	3.8363	0.2255	2.9904	0.1648	3.0310	0.1716	4.1276	0.1716
	Improvement			-0.4903%	-1.6734%	21.1961%	23.9696%	21.4326%	25.5099%	-0.7926%	-1.9086%	0.5578%	2.1000%	26.9771%	2.1000%

Poker (10000) dataset															
Mech	% missing value	CBRG		Least Squares		Stochastic		Norm		MICE		Fast KNN		EMI	
		R2score	Time	R2score	Time	R2score	Time	R2score	Time	R2score	Time	R2score	Time	R2score	Time
MAR	10	0.9900	0.3675	0.9900	1.0194	0.9795	0.9539	0.9786	0.1763	0.9900	15.9496	0.9884	12.1584	0.9815	4.0817
	20	0.9791	0.3845	0.9789	0.9440	0.9597	0.8969	0.9602	0.1604	0.9790	15.9565	0.9762	46.5574	0.9640	14.6513
	30	0.9690	0.4172	0.9684	1.8841	0.9396	2.9231	0.9408	0.1645	0.9690	28.4135	0.9656	38.2120	0.9446	12.5210
	40	0.9593	0.3989	0.9582	1.6469	0.9203	1.0628	0.9244	0.2267	0.9592	32.1885	0.9540	61.2929	0.9251	20.7124
	Average	0.9743	0.3920	0.9739	1.3736	0.9498	1.4592	0.9510	0.1820	0.9743	23.1270	0.9711	39.5552	0.9538	12.9916
	Improvement			0.0442%	71.4618%	2.5826%	73.1351%	2.4543%	-115.4346%	0.0031%	98.3050%	0.3357%	99.0090%	2.1497%	96.9826%
MCAR	10	0.9892	0.3456	0.9892	1.2723	0.9785	1.2258	0.9791	0.1867	0.9892	32.4028	0.9876	19.2451	0.9794	4.8784
	20	0.9798	0.3870	0.9798	1.2034	0.9610	1.1676	0.9600	0.1950	0.9797	26.4226	0.9765	31.0067	0.9631	10.3761
	30	0.9694	0.3809	0.9694	0.9218	0.9389	0.9663	0.9415	0.1657	0.9694	25.5615	0.9660	45.9757	0.9427	16.0704
	40	0.9586	0.4022	0.9585	0.9192	0.9162	0.8728	0.9195	0.1680	0.9585	21.4625	0.9533	55.8802	0.9216	18.9255
	Average	0.9742	0.3789	0.9742	1.0792	0.9487	1.0581	0.9501	0.1789	0.9742	26.4623	0.9709	38.0269	0.9517	12.5626
	Improvement			0.0019%	64.8872%	2.6957%	64.1876%	2.5447%	-111.8676%	0.0017%	98.5680%	0.3476%	99.0035%	2.3644%	96.9836%
MNAR	10	0.9878	0.3506	0.9879	1.0198	0.9781	0.8953	0.9776	0.1696	0.9879	8.0444	0.9864	15.2337	0.9738	4.1131
	20	0.9768	0.3673	0.9766	0.8882	0.9559	0.8546	0.9578	0.1901	0.9767	16.5785	0.9721	35.6230	0.9475	13.7313
	30	0.9654	0.3980	0.9652	1.0684	0.9354	0.8766	0.9353	0.1748	0.9653	28.5426	0.9609	45.5284	0.9238	16.1572
	40	0.9561	0.4085	0.9555	0.9918	0.9173	0.8922	0.9222	0.1631	0.9560	27.7872	0.9489	56.6891	0.9045	17.4976
	Average	0.9715	0.3811	0.9713	0.9921	0.9467	0.8797	0.9482	0.1744	0.9715	20.2382	0.9671	38.2686	0.9374	12.8748
	Improvement			0.0266%	61.5846%	2.6270%	56.6767%	2.4588%	-118.5243%	0.0060%	98.1169%	0.4610%	99.0041%	3.6424%	97.0399%

Poker (10000) dataset															
Mech	% missing value	CBRG		Least Squares		Stochastic		Norm		MICE		Fast KNN		EMI	
		MAE	RMSE	MAE	RMSE	MAE	RMSE	MAE	RMSE	MAE	RMSE	MAE	RMSE	MAE	RMSE
MAR	10	0.2689	0.0205	0.2699	0.0205	0.3850	0.0270	0.4017	0.0278	0.2691	0.0205	0.2748	0.0207	0.3722	0.0207
	20	0.4063	0.0443	0.4077	0.0444	0.5617	0.0559	0.5618	0.0564	0.4073	0.0444	0.4137	0.0445	0.5380	0.0445
	30	0.4755	0.0637	0.4798	0.0640	0.6807	0.0846	0.6824	0.0843	0.4761	0.0637	0.4834	0.0638	0.6479	0.0638
	40	0.5472	0.0832	0.5555	0.0838	0.7720	0.1105	0.7440	0.1067	0.5476	0.0832	0.5591	0.0831	0.7588	0.0831
	Average	0.4245	0.0529	0.4282	0.0532	0.5998	0.0695	0.5975	0.0688	0.4250	0.0530	0.4327	0.0530	0.5792	0.0530
	Improvement			0.8751%	0.5203%	29.2336%	23.8817%	28.9573%	23.0761%	0.1278%	0.1130%	1.9042%	0.2066%	26.7175%	0.2066%
MCAR	10	0.2875	0.0230	0.2874	0.0230	0.4030	0.0301	0.4032	0.0300	0.2873	0.0230	0.2917	0.0230	0.3999	0.0230
	20	0.4008	0.0431	0.4016	0.0433	0.5503	0.0554	0.5650	0.0567	0.4013	0.0432	0.4143	0.0429	0.5432	0.0429
	30	0.4727	0.0632	0.4730	0.0633	0.6865	0.0848	0.6635	0.0833	0.4730	0.0632	0.4798	0.0631	0.6556	0.0631
	40	0.5465	0.0840	0.5472	0.0841	0.7925	0.1133	0.7728	0.1111	0.5471	0.0841	0.5558	0.0841	0.7697	0.0841
	Average	0.4269	0.0533	0.4273	0.0534	0.6081	0.0709	0.6011	0.0703	0.4272	0.0534	0.4354	0.0533	0.5921	0.0533
	Improvement			0.0956%	0.1480%	29.7959%	24.7905%	28.9846%	24.1563%	0.0708%	0.1103%	1.9512%	-0.1300%	27.8984%	-0.1300%
MNAR	10	0.3074	0.0242	0.3066	0.0242	0.4043	0.0291	0.4316	0.0304	0.3068	0.0242	0.3128	0.0254	0.4444	0.0254
	20	0.4156	0.0462	0.4185	0.0465	0.5840	0.0599	0.5641	0.0577	0.4167	0.0463	0.4292	0.0477	0.6371	0.0477
	30	0.5104	0.0686	0.5145	0.0690	0.7073	0.0878	0.6926	0.0863	0.5121	0.0687	0.5218	0.0721	0.7580	0.0721
	40	0.5606	0.0859	0.5645	0.0866	0.7882	0.1122	0.7645	0.1092	0.5612	0.0861	0.5769	0.0902	0.8460	0.0902
	Average	0.4485	0.0562	0.4510	0.0565	0.6209	0.0723	0.6132	0.0709	0.4492	0.0563	0.4602	0.0589	0.6714	0.0589
	Improvement			0.5540%	0.5299%	27.7672%	22.1546%	26.8559%	20.6530%	0.1531%	0.1149%	2.5333%	4.4485%	33.1935%	4.4485%

Poker (15000) dataset															
Mech	% missing value	CBRG		Least Squares		Stochastic		Norm		MICE		Fast KNN		EMI	
		R2score	Time	R2score	Time	R2score	Time	R2score	Time	R2score	Time	R2score	Time	R2score	Time
MAR	10	0.9897	0.5036	0.9898	1.3386	0.9802	1.2146	0.9798	0.1594	0.9898	37.2067	0.9884	26.0576	0.9821	9.3903
	20	0.9799	0.5250	0.9798	1.4835	0.9616	1.4063	0.9610	0.2035	0.9799	54.5248	0.9774	46.6886	0.9628	16.3687
	30	0.9686	0.5554	0.9678	1.0812	0.9395	1.0687	0.9404	0.1991	0.9686	37.3244	0.9651	71.0682	0.9411	26.6531
	40	0.9584	0.5728	0.9575	1.0966	0.9202	1.0875	0.9174	0.1759	0.9584	53.5351	0.9539	96.7071	0.9233	35.6581
	Average	0.9742	0.5392	0.9737	1.2500	0.9504	1.1943	0.9496	0.1845	0.9742	45.6477	0.9712	60.1304	0.9523	22.0176
		Improvement		0.0452%	56.8626%	2.5036%	54.8508%	2.5821%	-192.3202%	-0.0008%	98.8188%	0.3076%	99.1033%	2.2915%	97.5510%
MCAR	10	0.9897	0.4834	0.9897	1.0508	0.9788	1.4210	0.9798	0.1574	0.9898	24.8769	0.9883	25.3689	0.9801	8.0119
	20	0.9796	0.5306	0.9796	1.3245	0.9592	1.1356	0.9582	0.1824	0.9796	29.2526	0.9772	50.5244	0.9627	19.3499
	30	0.9694	0.5405	0.9694	1.1097	0.9411	1.0999	0.9407	0.1587	0.9694	31.8635	0.9660	72.7674	0.9450	25.8027
	40	0.9575	0.5691	0.9576	0.9585	0.9179	0.9738	0.9196	0.1630	0.9576	34.8016	0.9528	99.0582	0.9222	31.3562
	Average	0.9741	0.5309	0.9741	1.1109	0.9492	1.1576	0.9496	0.1654	0.9741	30.1987	0.9711	61.9297	0.9525	21.1302
		Improvement		-0.0036%	52.2078%	2.6132%	54.1366%	2.5804%	-221.0596%	-0.0031%	98.2420%	0.3066%	99.1427%	2.2633%	97.4875%
MNAR	10	0.9873	0.4826	0.9873	1.1299	0.9781	1.0877	0.9763	0.1618	0.9873	49.1954	0.9856	31.3337	0.9724	9.6735
	20	0.9765	0.5072	0.9764	1.3432	0.9550	1.2737	0.9563	0.1711	0.9765	48.4343	0.9734	58.8080	0.9475	18.9581
	30	0.9657	0.5314	0.9655	1.1363	0.9357	0.9695	0.9359	0.1694	0.9657	50.4105	0.9611	74.1775	0.9229	23.8163
	40	0.9560	0.5733	0.9554	1.1380	0.9170	1.0270	0.9188	0.1696	0.9559	50.7848	0.9503	100.0812	0.9044	37.4225
	Average	0.9714	0.5236	0.9711	1.1868	0.9464	1.0895	0.9468	0.1680	0.9714	49.7063	0.9676	66.1001	0.9368	22.4676
		Improvement		0.0241%	55.8807%	2.6348%	51.9374%	2.5918%	-211.6968%	0.0019%	98.9466%	0.3908%	99.2078%	3.6936%	97.6694%

Poker (15000) dataset															
Mech	% missing value	CBRG		Least Squares		Stochastic		Norm		MICE		Fast KNN		EMI	
		MAE	RMSE	MAE	RMSE	MAE	RMSE	MAE	RMSE	MAE	RMSE	MAE	RMSE	MAE	RMSE
MAR	10	0.2784	0.0214	0.2788	0.0214	0.3932	0.0274	0.3935	0.0281	0.2788	0.0214	0.2837	0.0215	0.3692	0.0215
	20	0.3886	0.0422	0.3906	0.0424	0.5440	0.0554	0.5548	0.0564	0.3891	0.0423	0.3982	0.0423	0.5443	0.0423
	30	0.4772	0.0637	0.4823	0.0642	0.6779	0.0839	0.6752	0.0834	0.4768	0.0637	0.4857	0.0634	0.6625	0.0634
	40	0.5488	0.0844	0.5550	0.0848	0.7743	0.1106	0.7848	0.1125	0.5486	0.0844	0.5586	0.0846	0.7532	0.0846
	Average	0.4233	0.0529	0.4267	0.0532	0.5974	0.0693	0.6021	0.0701	0.4233	0.0530	0.4316	0.0530	0.5823	0.0530
		Improvement		0.8009%	0.4702%	29.1442%	23.6055%	29.7014%	24.5132%	0.0167%	0.0383%	1.9258%	0.0383%	27.3108%	0.0383%
MCAR	10	0.2856	0.0225	0.2852	0.0225	0.4052	0.0297	0.3967	0.0288	0.2851	0.0225	0.2903	0.0224	0.3935	0.0224
	20	0.3869	0.0421	0.3864	0.0421	0.5455	0.0559	0.5616	0.0566	0.3867	0.0421	0.3959	0.0423	0.5319	0.0423
	30	0.4744	0.0630	0.4744	0.0630	0.6719	0.0834	0.6695	0.0830	0.4745	0.0630	0.4833	0.0630	0.6412	0.0630
	40	0.5576	0.0863	0.5574	0.0863	0.8073	0.1157	0.7910	0.1142	0.5573	0.0863	0.5668	0.0860	0.7725	0.0860
	Average	0.4261	0.0535	0.4258	0.0535	0.6075	0.0712	0.6047	0.0706	0.4259	0.0535	0.4341	0.0534	0.5848	0.0534
		Improvement		-0.0623%	-0.0166%	29.8531%	24.8535%	29.5297%	24.3136%	-0.0554%	-0.0115%	1.8344%	-0.1224%	27.1313%	-0.1224%
MNAR	10	0.3104	0.0246	0.3102	0.0246	0.4092	0.0298	0.4329	0.0313	0.3103	0.0246	0.3176	0.0255	0.4633	0.0255
	20	0.4230	0.0469	0.4240	0.0470	0.5894	0.0602	0.5738	0.0582	0.4232	0.0469	0.4363	0.0496	0.6346	0.0496
	30	0.5041	0.0683	0.5057	0.0686	0.7047	0.0875	0.6960	0.0869	0.5039	0.0683	0.5168	0.0718	0.7652	0.0718
	40	0.5660	0.0875	0.5698	0.0881	0.7953	0.1141	0.7834	0.1125	0.5664	0.0876	0.5792	0.0914	0.8523	0.0914
	Average	0.4509	0.0569	0.4524	0.0571	0.6246	0.0729	0.6215	0.0722	0.4510	0.0569	0.4625	0.0596	0.6788	0.0596
		Improvement		0.3400%	0.4152%	27.8172%	21.9968%	27.4553%	21.2849%	0.0183%	0.0436%	2.5050%	4.5794%	33.5798%	4.5794%

Poker (20000) dataset															
Mech	% missing value	CBRG		Least Squares		Stochastic		Norm		MICE		Fast KNN		EMI	
		R2score	Time	R2score	Time	R2score	Time	R2score	Time	R2score	Time	R2score	Time	R2score	Time
MAR	10	0.9898	0.6832	0.9898	0.3990	0.9806	0.4580	0.9805	0.0601	0.9898	10.8926	0.9888	10.2978	0.9812	3.9383
	20	0.9798	0.7026	0.9796	0.4130	0.9616	0.4940	0.9602	0.0635	0.9797	11.5804	0.9779	20.9923	0.9625	8.1352
	30	0.9687	0.7337	0.9682	0.3482	0.9373	0.3545	0.9378	0.0515	0.9686	15.9105	0.9656	31.9854	0.9418	11.7474
	40	0.9586	0.7827	0.9577	0.3542	0.9182	0.4447	0.9188	0.0655	0.9586	16.4187	0.9544	41.3792	0.9241	15.8793
	Average	0.9742	0.7255	0.9738	0.3786	0.9494	0.4378	0.9493	0.0601	0.9742	13.7005	0.9717	26.1637	0.9524	9.9251
		Improvement		0.0404%	-91.6435%	2.6108%	-65.7320%	2.6245%	-1106.6029%	0.0027%	94.7043%	0.2593%	97.2269%	2.2948%	92.6899%
MCAR	10	0.9896	0.6310	0.9896	0.4061	0.9792	0.3772	0.9791	0.0519	0.9896	8.9112	0.9884	11.1145	0.9807	3.8607
	20	0.9796	0.6831	0.9796	0.3621	0.9616	0.3714	0.9609	0.0513	0.9796	11.1416	0.9775	23.3743	0.9615	7.8454
	30	0.9692	0.7033	0.9692	0.4694	0.9399	0.4079	0.9402	0.0526	0.9692	29.4215	0.9657	33.6645	0.9429	12.1653
	40	0.9585	0.7852	0.9586	0.3694	0.9199	0.4669	0.9206	0.0693	0.9586	27.9498	0.9540	44.7118	0.9232	17.3149
	Average	0.9742	0.7006	0.9742	0.4017	0.9502	0.4058	0.9502	0.0563	0.9743	19.3560	0.9714	28.2163	0.9521	10.2966
		Improvement		-0.0019%	-74.4060%	2.5308%	-72.6389%	2.5275%	-1144.9062%	-0.0030%	96.3802%	0.2896%	97.5169%	2.3234%	93.1954%
MNAR	10	0.9878	0.6209	0.9878	0.5030	0.9773	0.4839	0.9788	0.0571	0.9878	15.8798	0.9860	11.6762	0.9725	3.9738
	20	0.9766	0.6848	0.9766	0.4474	0.9562	0.4803	0.9575	0.0607	0.9766	10.4761	0.9731	21.6411	0.9470	7.6187
	30	0.9646	0.7172	0.9643	0.3747	0.9351	0.4346	0.9351	0.0559	0.9646	19.2315	0.9597	32.7227	0.9222	12.2369
	40	0.9551	0.7836	0.9547	0.4584	0.9176	0.4207	0.9171	0.0698	0.9551	16.4051	0.9495	44.0988	0.9009	15.8294
	Average	0.9710	0.7016	0.9708	0.4459	0.9465	0.4549	0.9471	0.0609	0.9710	15.4981	0.9671	27.5347	0.9357	9.9147
		Improvement		0.0220%	-57.3568%	2.5892%	-54.2435%	2.5248%	-1052.6493%	0.0008%	95.4729%	0.4120%	97.4519%	3.7817%	92.9234%

Poker (20000) dataset															
Mech	% missing value	CBRG		Least Squares		Stochastic		Norm		MICE		Fast KNN		EMI	
		MAE	RMSE	MAE	RMSE	MAE	RMSE	MAE	RMSE	MAE	RMSE	MAE	RMSE	MAE	RMSE
MAR	10	0.2811	0.0215	0.2814	0.0216	0.3956	0.0282	0.3909	0.0279	0.2812	0.0215	0.2849	0.0215	0.3775	0.0215
	20	0.3880	0.0419	0.3902	0.0420	0.5430	0.0547	0.5473	0.0551	0.3886	0.0420	0.3943	0.0419	0.5315	0.0419
	30	0.4871	0.0650	0.4906	0.0654	0.6891	0.0864	0.6971	0.0878	0.4871	0.0651	0.4942	0.0652	0.6750	0.0652
	40	0.5446	0.0832	0.5529	0.0842	0.7901	0.1127	0.7860	0.1115	0.5450	0.0833	0.5536	0.0833	0.7605	0.0833
	Average	0.4252	0.0529	0.4288	0.0533	0.6044	0.0705	0.6054	0.0706	0.4255	0.0530	0.4318	0.0530	0.5861	0.0530
		Improvement		0.8370%	0.7684%	29.6555%	24.9661%	29.7607%	25.0693%	0.0662%	0.1273%	1.5213%	0.1602%	27.4540%	0.1602%
MCAR	10	0.2766	0.0217	0.2761	0.0217	0.3918	0.0290	0.3955	0.0293	0.2761	0.0217	0.2816	0.0218	0.3883	0.0218
	20	0.3904	0.0422	0.3905	0.0422	0.5412	0.0548	0.5505	0.0549	0.3904	0.0422	0.3954	0.0421	0.5416	0.0421
	30	0.4750	0.0631	0.4750	0.0631	0.6724	0.0828	0.6661	0.0824	0.4748	0.0631	0.4837	0.0631	0.6531	0.0631
	40	0.5533	0.0851	0.5528	0.0851	0.7817	0.1121	0.7782	0.1119	0.5526	0.0850	0.5624	0.0849	0.7656	0.0849
	Average	0.4238	0.0530	0.4236	0.0530	0.5968	0.0697	0.5976	0.0696	0.4235	0.0530	0.4308	0.0530	0.5872	0.0530
		Improvement		-0.0543%	-0.0098%	28.9831%	23.9063%	29.0763%	23.8361%	-0.0743%	-0.0336%	1.6186%	-0.0783%	27.8194%	-0.0783%
MNAR	10	0.3065	0.0242	0.3060	0.0242	0.4152	0.0299	0.4086	0.0293	0.3058	0.0242	0.3142	0.0251	0.4522	0.0251
	20	0.4170	0.0462	0.4170	0.0462	0.5815	0.0592	0.5668	0.0577	0.4169	0.0461	0.4281	0.0490	0.6321	0.0490
	30	0.5057	0.0690	0.5082	0.0693	0.6960	0.0877	0.6940	0.0870	0.5058	0.0690	0.5187	0.0726	0.7630	0.0726
	40	0.5761	0.0891	0.5796	0.0897	0.7911	0.1144	0.7956	0.1142	0.5762	0.0891	0.5885	0.0930	0.8784	0.0930
	Average	0.4513	0.0571	0.4527	0.0573	0.6209	0.0728	0.6162	0.0720	0.4512	0.0571	0.4624	0.0599	0.6814	0.0599
		Improvement		0.3088%	0.4147%	27.3202%	21.5744%	26.7660%	20.7502%	-0.0227%	0.0254%	2.3947%	4.7059%	33.7730%	4.7059%

Poker (50000) dataset															
Mech	% missing value	CBRG		Least Squares		Stochastic		Norm		MICE		Fast KNN		EMI	
		R2score	Time	R2score	Time	R2score	Time	R2score	Time	R2score	Time	R2score	Time	R2score	Time
MAR	10	0.9899	1.6605	0.9899	2.4798	0.9801	2.6797	0.9802	0.2143	0.9899	90.6599	0.9888	187.6962	0.9811	110.8291
	20	0.9798	1.8920	0.9797	2.6871	0.9604	2.6295	0.9605	0.2651	0.9798	255.8185	0.9781	351.9243	0.9627	268.4075
	30	0.9691	2.3891	0.9687	3.2172	0.9413	2.8262	0.9393	0.2655	0.9691	420.8798	0.9661	538.7510	0.9428	415.5741
	40	0.9580	2.7037	0.9570	2.1785	0.9198	2.3664	0.9201	0.2890	0.9580	422.2767	0.9545	601.2418	0.9224	470.1809
	Average	0.9742	2.1613	0.9738	2.6407	0.9504	2.6254	0.9500	0.2585	0.9742	297.4087	0.9719	419.9033	0.9523	316.2479
	Improvement			0.0369%	18.1520%	2.5010%	17.6775%	2.5436%	-736.1104%	-0.0026%	99.2733%	0.2381%	99.4853%	2.3016%	99.3166%
MCAR	10	0.9899	1.6669	0.9899	2.3307	0.9803	2.3853	0.9806	0.2190	0.9899	213.3269	0.9888	150.1563	0.9814	83.9729
	20	0.9797	1.8784	0.9797	2.1586	0.9605	2.2078	0.9602	0.2189	0.9797	173.9603	0.9777	307.8480	0.9621	171.6573
	30	0.9689	2.2333	0.9689	2.3874	0.9383	2.1349	0.9382	0.3195	0.9689	198.1578	0.9664	461.0241	0.9431	264.0887
	40	0.9588	2.8884	0.9588	2.1434	0.9209	2.3212	0.9211	0.2832	0.9588	393.8678	0.9551	615.8898	0.9250	347.5806
	Average	0.9743	2.1668	0.9743	2.2550	0.9500	2.2623	0.9500	0.2601	0.9743	244.8282	0.9720	383.7296	0.9529	216.8249
	Improvement			-0.0015%	3.9135%	2.5601%	4.2234%	2.5604%	-732.9311%	-0.0017%	99.1150%	0.2421%	99.4353%	2.2481%	99.0007%
MNAR	10	0.9877	1.6456	0.9877	2.7093	0.9781	2.4925	0.9782	0.2563	0.9877	155.3308	0.9856	153.5683	0.9729	91.0743
	20	0.9758	1.8099	0.9757	2.4931	0.9560	2.2347	0.9564	0.2201	0.9758	195.4248	0.9724	309.3917	0.9466	172.3143
	30	0.9654	2.6615	0.9652	2.5394	0.9370	2.2983	0.9359	0.2579	0.9654	156.1359	0.9608	464.3534	0.9240	261.2055
	40	0.9552	2.6091	0.9546	2.0955	0.9171	2.0401	0.9174	0.2242	0.9552	345.0276	0.9501	615.5183	0.9024	348.8495
	Average	0.9710	2.1815	0.9708	2.4593	0.9471	2.2664	0.9470	0.2396	0.9710	212.9798	0.9672	385.7079	0.9365	218.3609
	Improvement			0.0222%	11.2973%	2.5281%	3.7454%	2.5412%	-810.4256%	0.0005%	98.9757%	0.3912%	99.4344%	3.6875%	99.0010%

Poker (50000) dataset															
Mech	% missing value	CBRG		Least Squares		Stochastic		Norm		MICE		Fast KNN		EMI	
		MAE	RMSE	MAE	RMSE	MAE	RMSE	MAE	RMSE	MAE	RMSE	MAE	RMSE	MAE	RMSE
MAR	10	0.2781	0.0215	0.2780	0.0215	0.3897	0.0280	0.3910	0.0282	0.2779	0.0215	0.2819	0.0215	0.3793	0.0215
	20	0.3888	0.0419	0.3898	0.0420	0.5540	0.0552	0.5473	0.0549	0.3884	0.0419	0.3931	0.0419	0.5301	0.0419
	30	0.4780	0.0635	0.4811	0.0638	0.6677	0.0825	0.6828	0.0849	0.4778	0.0635	0.4855	0.0635	0.6610	0.0635
	40	0.5567	0.0857	0.5639	0.0863	0.7844	0.1125	0.7815	0.1125	0.5566	0.0858	0.5644	0.0856	0.7720	0.0856
	Average	0.4254	0.0532	0.4282	0.0534	0.5989	0.0696	0.6007	0.0701	0.4252	0.0532	0.4312	0.0531	0.5856	0.0531
	Improvement			0.6487%	0.4204%	28.9728%	23.5668%	29.1768%	24.1732%	-0.0522%	-0.0073%	1.3542%	-0.0765%	27.3557%	-0.0765%
MCAR	10	0.2750	0.0209	0.2750	0.0209	0.3853	0.0272	0.3778	0.0270	0.2750	0.0209	0.2796	0.0209	0.3707	0.0209
	20	0.3899	0.0423	0.3899	0.0423	0.5445	0.0552	0.5555	0.0559	0.3899	0.0423	0.3953	0.0423	0.5409	0.0423
	30	0.4785	0.0637	0.4785	0.0638	0.6884	0.0853	0.6844	0.0851	0.4784	0.0638	0.4854	0.0638	0.6568	0.0638
	40	0.5495	0.0839	0.5494	0.0840	0.7690	0.1098	0.7733	0.1100	0.5494	0.0840	0.5559	0.0839	0.7582	0.0839
	Average	0.4232	0.0527	0.4232	0.0527	0.5968	0.0694	0.5977	0.0695	0.4232	0.0527	0.4290	0.0527	0.5817	0.0527
	Improvement			-0.0048%	0.0298%	29.0839%	24.0395%	29.1976%	24.1298%	-0.0079%	0.0279%	1.3592%	0.0034%	27.2424%	0.0034%
MNAR	10	0.3060	0.0241	0.3064	0.0241	0.4082	0.0297	0.4039	0.0294	0.3062	0.0241	0.3163	0.0257	0.4576	0.0257
	20	0.4289	0.0478	0.4294	0.0479	0.5809	0.0594	0.5791	0.0591	0.4288	0.0478	0.4403	0.0505	0.6444	0.0505
	30	0.5054	0.0683	0.5071	0.0685	0.6947	0.0867	0.6998	0.0870	0.5055	0.0683	0.5173	0.0717	0.7608	0.0717
	40	0.5749	0.0890	0.5782	0.0896	0.7988	0.1142	0.7948	0.1139	0.5748	0.0890	0.5860	0.0928	0.8636	0.0928
	Average	0.4538	0.0573	0.4553	0.0575	0.6207	0.0725	0.6194	0.0724	0.4538	0.0573	0.4650	0.0602	0.6816	0.0602
	Improvement			0.3254%	0.3940%	26.8853%	20.9525%	26.7378%	20.8572%	0.0002%	0.0142%	2.4069%	4.7853%	33.4227%	4.7853%