

Dataset	Algorithms Accuracy											RandomForest	Diff (E vs V)	Before Diff(ER vs VR)	After Diff(ER vs VR)	Before Diff(ED vs VD)	After Diff(ED vs VD)
	DT with entropy	DT with variance	DT with entropy and REP		DT with entropy and depth prune		DT with variance and REP		DT with variance and depth prune								
			Before Pruning	After Pruning	Before Pruning	After Pruning	Before Pruning	After Pruning	Before Pruning	After Pruning							
train_c300_d100.csv											0.995						
valid_c300_d100.csv			0.595	0.63	0.595	0.595	0.6	0.635	0.6	0.6				-0.005	-0.005	-0.005	-0.005
test_c300_d100.csv	0.575	0.575		0.57		0.575		0.58		0.575	0.6		0		-0.01		0
train_c300_d1000.csv											0.992						
valid_c300_d1000.csv			0.625	0.6865	0.625	0.625	0.6225	0.679	0.6225	0.6225				0.0025	0.0075	0.0025	0.0025
test_c300_d1000.csv	0.6505	0.6495		0.664		0.6505		0.651		0.6495	0.65		0.001		0.013		0.001
train_c300_d5000.csv					Depth: 14	Depth: 10					0.9943						
valid_c300_d5000.csv			0.7176	0.7762	0.7176	0.7272	0.7214	0.771	0.7214	0.7214				-0.0038	0.0052	-0.0038	0.0058
test_c300_d5000.csv	0.7331	0.7292		0.7657		0.7329		0.7503		0.7292	0.71883		0.0039		0.0154		0.0037
train_c500_d100.csv					Depth: 7	Depth: 5					0.99						
valid_c500_d100.csv			0.62	0.69	0.62	0.62	0.59	0.665	0.59	0.59				0.03	0.025	0.03	0.03
test_c500_d100.csv	0.65	0.605		0.64		0.61		0.625		0.605	0.64		0.045		0.015		0.005
train_c500_d1000.csv					Depth: 11	Depth: 10					0.993						
valid_c500_d1000.csv			0.6835	0.7265	0.6835	0.6835	0.6695	0.7145	0.6695	0.6695				0.014	0.012	0.014	0.014
test_c500_d1000.csv	0.687	0.6675		0.7015		0.687		0.68		0.6675	0.767		0.0195		0.0215		0.0195
train_c500_d5000.csv											0.99665						
valid_c500_d5000.csv			0.7425	0.7825	0.7425	0.7425	0.7287	0.7724	0.7287	0.7287				0.0138	0.0101	0.0138	0.0138
test_c500_d5000.csv	0.747	0.7338		0.7641		0.747		0.7471		0.7338	0.8025		0.0132		0.017		0.0132
train_c1000_d100.csv											0.9975						
valid_c1000_d100.csv			0.77	0.8	0.77	0.77	0.77	0.8	0.77	0.77				0	0	0	0
test_c1000_d100.csv	0.69	0.69		0.675		0.69		0.675		0.69	0.825		0		0		0
train_c1000_d1000.csv											0.998						
valid_c1000_d1000.csv			0.789	0.8265	0.789	0.789	0.769	0.8055	0.769	0.769				0.02	0.021	0.02	0.02
test_c1000_d1000.csv	0.7965	0.7965		0.8155		0.7965		0.8075		0.7965	0.911		0		0.008		0
train_c1000_d5000.csv											0.99925						
valid_c1000_d5000.csv			0.8286	0.8286	0.8286	0.8286	0.8222	0.8543	0.8222	0.8222				0.0064	-0.0257	0.0064	0.0064
test_c1000_d5000.csv	0.8387	0.834		0.8387		0.8387		0.8509		0.834	0.9463		0.0047		-0.0122		0.0047
train_c1500_d100.csv											1						
valid_c1500_d100.csv			0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8				0	0	0	0
test_c1500_d100.csv	0.815	0.83		0.815		0.815		0.83		0.83	0.975		-0.015		-0.015		-0.015
train_c1500_d1000.csv											0.99975						
valid_c1500_d1000.csv			0.896	0.919	0.896	0.896	0.8885	0.9065	0.8885	0.8885				0.0075	0.0125	0.0075	0.0075
test_c1500_d1000.csv	0.897	0.89		0.909		0.897		0.9015		0.89	0.989		0.007		0.0075		0.007
train_c1500_d5000.csv											0.99985						
valid_c1500_d5000.csv			0.9435	0.95	0.9435	0.9435	0.9375	0.9459	0.9375	0.9375				0.006	0.0041	0.006	0.006
test_c1500_d5000.csv	0.9442	0.9398		0.9462		0.9442		0.9419		0.9398	0.9943		0.0044		0.0043		0.0044
train_c1800_d100.csv					Depth: 6	Depth: 5			Depth: 6	Depth: 5	1						
valid_c1800_d100.csv			0.91	0.97	0.91	0.915	0.91	0.97	0.91	0.915				0	0	0	0
test_c1800_d100.csv	0.91	0.91		0.93		0.9		0.93		0.9	0.985		0		0		0
train_c1800_d1000.csv											1						
valid_c1800_d1000.csv			0.966	0.9675	0.966	0.966	0.964	0.9695	0.964	0.964				0.002	-0.002	0.002	0.002
test_c1800_d1000.csv	0.9665	0.958		0.967		0.9665		0.964		0.958	0.998		0.0085		0.003		0.0085
train_c1800_d5000.csv											1						
valid_c1800_d5000.csv			0.9841	0.9848	0.9841	0.9841	0.9779	0.9861	0.9779	0.9779				0.0062	-0.0013	0.0062	0.0062
test_c1800_d5000.csv	0.9848	0.9766		0.9862		0.9848		0.9834		0.9766	0.9986		0.0082		0.0028		0.0082