

**Meta-feature significance for a single classifier**

	<b>Naive Bayes</b>	<b>C4.5</b>	<b>PART</b>	<b>Bayes Net</b>	<b>IB3</b>	
<b>MaxMutual Information</b>	0.7220	0.7033	0.6459	0.5190	0.6735	<b>0.6527</b>
<b>NumberOfFeatures</b>	0.5953	0.5448	0.5186	0.3623	0.5464	<b>0.5135</b>
<b>MinOneTenth PerceptronWeightSum</b>	0.5361	0.6241	0.4404	0.5188	0.3023	<b>0.4843</b>
<b>MaxOneTenthBestK</b>	0.2239	0.9608	0.7241	0.0390	0.4489	<b>0.4794</b>
<b>MinHalf PerceptronWeightSum</b>	0.4191	0.6438	0.4402	0.4111	0.4194	<b>0.4667</b>
<b>DataSetDimensionality</b>	0.4097	0.4260	0.4992	0.5481	0.4391	<b>0.4644</b>
<b>NumberOfInstances</b>	0.3996	0.4655	0.5188	0.5286	0.3803	<b>0.4586</b>
<b>MinSqrt PerceptronWeightSum</b>	0.4583	0.5745	0.4013	0.5286	0.2828	<b>0.4491</b>
<b>EquivalentNumber OfFeatures</b>	0.3902	0.3962	0.5188	0.3721	0.5660	<b>0.4487</b>
<b>MeanMutual Information</b>	0.4781	0.4655	0.4600	0.4013	0.4195	<b>0.4449</b>
<b>NumberOfClasses</b>	0.4193	0.5547	0.5285	0.3230	0.3220	<b>0.4295</b>
<b>PrunedTreeDevLevel</b>	0.3511	0.5349	0.2937	0.4112	0.5563	<b>0.4294</b>
<b>NoiseSignalRatio</b>	0.3220	0.4457	0.4403	0.4305	0.5075	<b>0.4292</b>
<b>PrunedTreeMinBranch</b>	0.4486	0.3169	0.5580	0.1565	0.6441	<b>0.4248</b>
<b>PrunedTreeMinAttr</b>	0.3706	0.4755	0.4403	0.3817	0.3804	<b>0.4097</b>
<b>MeanStandard Deviation</b>	0.3903	0.4556	0.4305	0.3330	0.4293	<b>0.4077</b>
<b>UnprunedTree LeavesNumber</b>	0.3510	0.4358	0.4698	0.3230	0.4584	<b>0.4076</b>
<b>PrunedTreeDevAttr</b>	0.2925	0.4161	0.4306	0.4110	0.4783	<b>0.4057</b>
<b>PrunedTreeMinClass</b>	0.3998	0.3665	0.4989	0.3426	0.4001	<b>0.4016</b>
<b>PrunedTreeDevClass</b>	0.3804	0.3665	0.4110	0.3818	0.4489	<b>0.3977</b>
<b>PrunedTreeMeanClass</b>	0.3607	0.5250	0.3619	0.3231	0.4099	<b>0.3961</b>
<b>MaxSqrtBestK</b>	0.2337	0.6835	0.5870	0.0880	0.3806	<b>0.3946</b>
<b>MeanLinear CorrelationCoefficient</b>	0.3803	0.5053	0.3034	0.4601	0.3219	<b>0.3942</b>
<b>UnprunedTree MeanAttr</b>	0.2535	0.4854	0.3522	0.3819	0.4978	<b>0.3941</b>
<b>UnprunedTreeDevAttr</b>	0.3021	0.4952	0.4208	0.3620	0.3805	<b>0.3921</b>
<b>MeanCoefficient OfVariation</b>	0.3512	0.4854	0.3718	0.3132	0.4297	<b>0.3902</b>
<b>UnprunedTree MeanClass</b>	0.3119	0.4655	0.4304	0.3034	0.4391	<b>0.3901</b>
<b>UnprunedTreeMaxClass</b>	0.3023	0.4457	0.4110	0.3426	0.4486	<b>0.3901</b>

<b>MeanNormalized FeatureEntropy</b>	0.7027	0.6935	0.0880	0.3328	0.1169	<b>0.3868</b>
<b>MeanOneTenth PerceptronWeightSum</b>	0.4096	0.5547	0.3424	0.3719	0.2535	<b>0.3864</b>
<b>StdDevHalf PerceptronWeightSum</b>	0.3707	0.4160	0.4109	0.4403	0.2926	<b>0.3861</b>
<b>UnprunedTreeMaxLevel</b>	0.3607	0.3763	0.4305	0.3131	0.4490	<b>0.3859</b>
<b>PrunedTreeMaxClass</b>	0.3313	0.5052	0.4403	0.2153	0.4293	<b>0.3842</b>
<b>MeanHalf PerceptronWeightSum</b>	0.3802	0.5745	0.2153	0.4700	0.2732	<b>0.3826</b>
<b>MaxSqrt PerceptronWeightSum</b>	0.3607	0.4556	0.2935	0.4014	0.4001	<b>0.3823</b>
<b>UnprunedTree DevBranch</b>	0.1362	0.4160	0.3620	0.4405	0.5367	<b>0.3783</b>
<b>MeanSqrt PerceptronWeightSum</b>	0.3413	0.5150	0.2935	0.3720	0.3609	<b>0.3765</b>
<b>UnprunedTreeMinAttr</b>	0.4193	0.4358	0.3425	0.3033	0.3805	<b>0.3763</b>
<b>PrunedTreeNodeNumber</b>	0.3899	0.5249	0.3718	0.2739	0.3024	<b>0.3726</b>
<b>UnprunedTreeMinClass</b>	0.3509	0.4754	0.3131	0.3229	0.4001	<b>0.3725</b>
<b>PrunedTreeMeanAttr</b>	0.4484	0.3368	0.3719	0.2446	0.4585	<b>0.3720</b>
<b>StdDevSqrt PerceptronWeightSum</b>	0.3805	0.4754	0.3327	0.3327	0.3317	<b>0.3706</b>
<b>UnprunedTree MeanBranch</b>	0.4486	0.3962	0.2838	0.4013	0.3219	<b>0.3703</b>
<b>UnprunedTree MaxAttr</b>	0.2926	0.4061	0.4697	0.2250	0.4489	<b>0.3685</b>
<b>UnprunedTree DevClass</b>	0.3609	0.3962	0.3426	0.3327	0.3807	<b>0.3626</b>
<b>StdDevOneTenth PerceptronWeightSum</b>	0.3606	0.4160	0.3131	0.3133	0.3807	<b>0.3568</b>
<b>PrunedTree LeavesNumber</b>	0.3902	0.4556	0.3033	0.3132	0.2930	<b>0.3511</b>
<b>MeanKurtosis</b>	0.2730	0.3962	0.4795	0.2838	0.3217	<b>0.3508</b>
<b>MaxOneTenth PerceptronWeightSum</b>	0.2925	0.3764	0.2837	0.3914	0.4098	<b>0.3508</b>
<b>Normalized ClassEntropy</b>	0.2045	0.3367	0.3620	0.3916	0.4587	<b>0.3507</b>
<b>StdDevHalfBestK</b>	0.3510	0.7231	0.3229	0.1762	0.1753	<b>0.3497</b>
<b>UnprunedTree MeanLevel</b>	0.3022	0.3863	0.3914	0.3035	0.3610	<b>0.3489</b>
<b>PrunedTree MeanBranch</b>	0.3317	0.5745	0.2445	0.3035	0.2828	<b>0.3474</b>
<b>MeanHalfBestK</b>	0.2337	0.4952	0.4501	0.2349	0.3218	<b>0.3471</b>
<b>UnprunedTreeWidth</b>	0.3121	0.4062	0.4306	0.2054	0.3805	<b>0.3470</b>

<b>UnprunedTree NodeNumber</b>	0.3997	0.3962	0.3424	0.2642	0.3317	<b>0.3469</b>
<b>UnprunedTree MinBranch</b>	0.3709	0.1584	0.5969	0.1858	0.4197	<b>0.3463</b>
<b>UnprunedTree DevLevel</b>	0.2632	0.4457	0.3522	0.2642	0.4001	<b>0.3451</b>
<b>MaxHalf PerceptronWeightSum</b>	0.3218	0.3962	0.2837	0.3330	0.3901	<b>0.3449</b>
<b>PrunedTree MeanLevel</b>	0.3999	0.3071	0.4599	0.2642	0.2831	<b>0.3428</b>
<b>MinSqrtBestK</b>	0.3510	0.2972	0.2544	0.4698	0.3317	<b>0.3408</b>
<b>MinHalfBestK</b>	0.1756	0.2278	0.5286	0.3033	0.4682	<b>0.3407</b>
<b>MeanSkewness</b>	0.3705	0.4555	0.3524	0.3034	0.2147	<b>0.3393</b>
<b>PrunedTreeMaxLevel</b>	0.3416	0.3764	0.3717	0.3231	0.2831	<b>0.3391</b>
<b>UnprunedTree MaxBranch</b>	0.2732	0.3467	0.2837	0.4209	0.3707	<b>0.3390</b>
<b>FullPerceptron WeightSum</b>	0.2827	0.3170	0.3619	0.5482	0.1656	<b>0.3351</b>
<b>MinOneTenthBestK</b>	0.2436	0.2674	0.4405	0.3033	0.4197	<b>0.3349</b>
<b>FullBestK</b>	0.2143	0.4655	0.1466	0.1858	0.6443	<b>0.3313</b>
<b>StdDevOneTenthBestK</b>	0.1947	0.6141	0.3228	0.2054	0.2926	<b>0.3259</b>
<b>MeanOneTenthBestK</b>	0.2044	0.4061	0.4012	0.2935	0.3025	<b>0.3215</b>
<b>PrunedTreeDevBranch</b>	0.0486	0.4161	0.3912	0.2836	0.4490	<b>0.3177</b>
<b>PrunedTreeWidth</b>	0.3316	0.4160	0.3131	0.2055	0.2926	<b>0.3117</b>
<b>UnprunedTreeHeight</b>	0.2828	0.4061	0.1858	0.3328	0.3512	<b>0.3117</b>
<b>PrunedTreeMaxAttr</b>	0.2634	0.4062	0.3327	0.1957	0.3316	<b>0.3059</b>
<b>MeanSqrtBestK</b>	0.1265	0.4259	0.4012	0.1662	0.3512	<b>0.2942</b>
<b>PrunedTreeHeight</b>	0.2340	0.3566	0.3032	0.2348	0.2828	<b>0.2823</b>
<b>MaxHalfBestK</b>	0.0974	0.4160	0.5480	0.0977	0.1365	<b>0.2591</b>
<b>PrunedTreeMaxBranch</b>	0.1852	0.3565	0.2641	0.2152	0.2732	<b>0.2588</b>
<b>StdDevSqrtBestK</b>	0.2142	0.2774	0.1663	0.1664	0.4586	<b>0.2565</b>