

DataSet 1: Labor Samples : 57 Attriubtes : 17 (8 Nominal/ 8 Real) Classes : 2

	<i>RedNum</i>	<i>RedTime</i>	<i>NaiveBayes</i>	<i>LibSVM</i>	<i>J48</i>	<i>JRip</i>	<i>PART</i>	<i>1NN</i>	<i>RBFNetwork</i>	<i>SimpleCart</i>
<i>FCBF&RS</i>	6	0.01s	92.28% ◦	92.46% ◦	83.86% ◦	82.46% ◦	85.44% ◦	94.04% ◦	91.58% ◦	80.00% ◦
<i>FCBF(log)</i>	6	0.00s	92.28% –	92.46% –	83.86% –	82.46% –	85.44% –	94.04% –	91.58% –	80.00% –
<i>FCBF(0)</i>	6	0.00s	92.28% –	92.46% –	83.86% –	82.46% –	85.44% –	94.04% –	91.58% –	80.00% –
<i>RSentropy</i>	5	0.01s	88.42% ✓	92.11% –	79.30% ✓	83.68% –	87.72% ×	89.82% ✓	88.77% ✓	80.70% –
<i>RS positive</i>	5	0.01s	83.68% ✓	85.44% ✓	84.91% –	78.42% ✓	82.46% –	91.23% ✓	86.49% ✓	83.51% ×
<i>Consistency</i>	5	0.03s	91.05% ✓	87.02% ✓	86.14% ×	87.89% ×	86.67% –	92.28% ✓	91.93% –	83.33% ×
<i>CfsSubEval</i>	7	0.00s	92.46% –	90.88% ✓	84.39% –	84.39% –	84.74% –	91.75% ✓	92.81% –	79.47% –
<i>ReliefF</i>	7	0.01s	94.04% ×	89.47% ✓	82.63% –	87.54% ×	82.81% –	90.53% ✓	91.93% –	81.40% –
<i>FullAttributes</i>	16	0.00s	94.56% ×	92.81% –	81.23% ✓	83.68% –	81.93% ✓	90.35% ✓	91.75% –	78.95% –

DataSet 2: Wine Samples : 178 Attriubtes : 14 (0 Nominal/ 13 Real) Classes : 3

	<i>RedNum</i>	<i>RedTime</i>	<i>NaiveBayes</i>	<i>LibSVM</i>	<i>J48</i>	<i>JRip</i>	<i>PART</i>	<i>1NN</i>	<i>RBFNetwork</i>	<i>SimpleCart</i>
<i>FCBF&RS</i>	7	0.01s	96.80% ◦	53.76% ◦	93.60% ◦	92.81% ◦	92.36% ◦	96.80% ◦	97.75% ◦	89.89% ◦
<i>FCBF(log)</i>	8	0.01s	97.13% ×	50.39% ✓	93.43% –	92.98% –	92.19% –	96.69% –	97.19% –	89.72% –
<i>FCBF(0)</i>	10	0.01s	97.98% ×	43.03% ✓	93.09% ✓	91.97% –	92.19% –	96.18% –	97.87% –	89.38% ✓
<i>RSentropy</i>	5	0.03s	97.75% ×	94.61% ×	93.03% –	89.61% ✓	93.15% –	96.74% –	97.42% –	90.00% –
<i>RS positive</i>	5	0.04s	96.97% –	52.87% ✓	94.72% ×	93.99% –	94.04% ×	96.24% ✓	97.08% ✓	90.28% –
<i>Consistency</i>	5	0.01s	95.90% ✓	92.92% ×	94.78% ×	91.24% ✓	95.06% ×	95.84% ✓	95.90% ✓	91.24% –
<i>CfsSubEval</i>	11	0.00s	97.36% ×	43.03% ✓	93.09% ✓	91.80% –	92.02% –	95.96% ✓	97.47% –	89.38% ✓
<i>ReliefF</i>	12	0.04s	96.46% ✓	43.60% ✓	93.15% ✓	92.25% –	92.02% –	96.35% –	97.58% –	89.38% ✓
<i>FullAttributes</i>	13	0.00s	97.58% ×	45.39% ✓	93.15% ✓	92.58% –	92.02% –	95.17% ✓	97.75% –	89.38% ✓