

CHAPTER 1

Results

1.1 Classifier Experiment Set 1

See Section ?? on page ??.

Classifier	Correctly Classified	RMS Error	F-Measure
<i>J48</i>	82.9%	0.2878	0.824
<i>KStar</i>	82.6%	0.2853	0.818
<i>MLP</i>	78.5%	0.2936	0.777
<i>Naive Bayes</i>	66.2%	0.3516	0.644
<i>IBk</i>	57.6%	0.4245	0.563
<i>SMO</i>	57.5%	0.3795	0.554

Table 1.1: Classifier Experiment Set 1 Nominal Unbalanced Results

Classifier	Correctly Classified	RMS Error	F-Measure
<i>J48</i>	78.5%	0.2771	0.784
<i>KStar</i>	74.4%	0.2926	0.743
<i>MLP</i>	71.9%	0.3285	0.718
<i>Naive Bayes</i>	61.1%	0.3576	0.605
<i>IBk</i>	68.8%	0.3715	0.670
<i>SMO</i>	58.0%	0.3853	0.569

Table 1.2: Classifier Experiment Set 1 Nominal Balanced Results

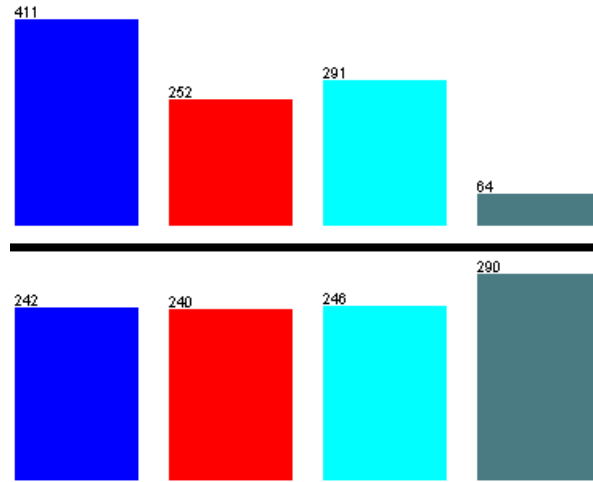


Figure 1.1: Experiment Set 1 Class Distribution Before and After Re-sampling

Numeric	Correctly Classified	RMS Error
<i>Linear Regression</i>	63.4%	0.6589
<i>IBk</i>	55.8%	1.1947
<i>Multilayer Perceptron</i>	50.2%	0.7768

Table 1.3: Classifier Experiment Set 1 Numeric Unbalanced Results

Bibliography