

Table 17.1 Comparison of Double Cross-Validation Results With Differing Subject to Predictor Ratios

<i>Sample Ratio</i>	<i>Obtained Prediction Equation</i>	R^2	$r_{\hat{y}\hat{y}}^2$	<i>Shrinkage</i>
Population	$\hat{Y} = -1.71 + 2.08(\text{GPA8}) - 0.73(\text{RACE}) - 0.60(\text{PART}) + 0.32(\text{PARED})$	0.48		
<i>5:1</i>				
Sample 1	$\hat{Y} = -8.47 + 1.87(\text{GPA8}) - 0.32(\text{RACE}) + 5.71(\text{PART}) + 0.28(\text{PARED})$	0.62	0.53	0.09
Sample 2	$\hat{Y} = -6.92 + 3.03(\text{GPA8}) + 0.34(\text{RACE}) + 2.49(\text{PART}) - 0.32(\text{PARED})$	0.81	0.67	0.14
<i>15:1</i>				
Sample 1	$\hat{Y} = -4.46 + 2.62(\text{GPA8}) - 0.31(\text{RACE}) + 0.30(\text{PART}) + 0.32(\text{PARED})$	0.69	0.24	0.45
Sample 2	$\hat{Y} = -1.99 + 1.55(\text{GPA8}) + 0.34(\text{RACE}) + 1.04(\text{PART}) - 0.58(\text{PARED})$	0.53	0.49	0.04

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