Monte Carlo Simulation To Show That polr() Binning Matters

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Table 1: Importance of polr() binning

	Dependent variable:	
	Y.theta	Y.theta.star
X1	0.089 (0.002)	0.089 (0.002)
X2	−0.132 (0.002)	−0.130 (0.003)
X3	0.015 (0.003)	0.013 (0.003)
X4	0.045 (0.002)	0.040 (0.002)
X5	0.158 (0.002)	0.156 (0.003)
X6	−0.009 (0.002)	−0.006 (0.002)
Constant	4.463 (0.017)	4.615 (0.018)
Observations	1,600	1,600
R^2	0.914	0.895
Adjusted R^2	0.914	0.894
Residual Std. Error (df = 1593)	0.672	0.738
F Statistic (df = 6; 1593)	2,836.545	2,256.781