Table 1: Comparison on model selection via regression upon applying different missing data methods.

	n	500	1000	2000	4000	8000
Amelia	Bias	-0.157	-0.164	-0.162	-0.157	-0.164
	RMSE	0.208	0.191	0.178	0.165	0.168
	Type I Error	0.198	0.372	0.604	0.866	0.992
	Coverage (%)	80.2	62.8	39.6	13.4	0.8
Complete case	Bias	0.04	0.03	0.036	0.043	0.04
	RMSE	0.135	0.089	0.073	0.061	0.049
	Type I Error	0.072	0.07	0.098	0.17	0.274
	Coverage (%)	92.8	93	90.2	83	72.6
MICE	Bias	-0.16	-0.188	-0.193	-0.197	-0.209
	RMSE	0.224	0.218	0.21	0.208	0.216
	Type I Error	0.248	0.406	0.62	0.78	0.938
	Coverage (%)	75.2	59.4	38	22	6.2
Missing tree	Bias	0.001	-0.006	0	0.007	0.002
	RMSE	0.142	0.09	0.068	0.047	0.034
	Type I Error	0.07	0.05	0.07	0.058	0.062
	Coverage (%)	93	95	93	94.2	93.8