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

	n	500	1000	2000	4000	8000
Amelia	Bias	0.005	-0.006	0.003	0.004	0
	RMSE	0.092	0.059	0.042	0.031	0.021
	Type I Error	0.06	0.054	0.058	0.062	0.056
	Coverage (%)	94	94.6	94.2	93.8	94.4
Complete case	Bias	0.005	-0.007	0.003	0.004	0
	RMSE	0.089	0.06	0.041	0.03	0.02
	Type I Error	0.06	0.058	0.038	0.044	0.054
	Coverage (%)	94	94.2	96.2	95.6	94.6
MICE	Bias	0.018	0.001	0.009	0.008	0.003
	RMSE	0.094	0.061	0.043	0.031	0.02
	Type I Error	0.088	0.054	0.068	0.06	0.046
	Coverage (%)	91.2	94.6	93.2	94	95.4
Missing tree	Bias	0.003	-0.007	0.004	0.003	0
	RMSE	0.098	0.066	0.048	0.034	0.022
	Type I Error	0.076	0.058	0.056	0.064	0.046
	Coverage (%)	92.2	94.2	94.4	93.6	95.4