

Table 1: Comparison of Predictive  $R^2$ s for Machine Learning Algorithms in Simulations (unaltered)

DGP	(a)				(b)			
Parameter	$P_c = 50$		$P_c = 100$		$P_c = 50$		$P_c = 100$	
$R^2(\%)$	IS	OOS	IS	OOS	IS	OOS	IS	OOS
OLS	10.11	-1.30	12.90	-3.79	6.87	-5.73	9.45	-8.82
Ridge	8.06	1.47	9.35	1.01	4.56	-0.19	5.54	-0.15
Lasso	8.12	2.61	9.37	1.86	4.54	-0.43	5.60	-0.03
ENet	8.18	2.69	9.53	1.89	4.66	-0.41	5.72	-0.07
PCR	7.46	0.08	8.32	-0.04	4.23	-0.68	4.97	-0.72
PLSR	7.38	0.27	8.51	-0.16	3.67	-1.98	4.50	-3.36
GLM	7.92	0.21	9.07	0.01	4.80	-0.48	5.87	-0.98
RandomF	13.91	2.33	16.39	1.83	13.49	1.02	14.74	2.23
GBRT	9.84	1.94	11.59	0.55	10.06	1.09	10.37	1.20
NN1	-6.42	1.60	-26.00	-15.46	-10.43	-0.70	-11.44	-1.21
NN2	-12.41	1.67	-13.49	1.05	-13.26	-0.05	-15.26	-0.04
Oracle	8.41	3.45	10.04	3.74	4.89	0.12	5.81	-0.07

Note: Table 1 except all Monte Carlo repetitions are kept.