Table 1: Comparison between TMLEs for ATE using linear and logit submodels across mediator types.

| | | Univariate Binary | | Univariate Continuous | | | | | | Bivariate Continuous | | | | | |
| | | $\psi_1(\hat{Q}^\star)$ | | $\psi_2(\hat{Q}^\star)-dnorm$ | | $\psi_{2a}(\hat{Q}^\star)$ | | $\psi_{2b}(\hat{Q}^\star)$ | | $\psi_2(\hat{Q}^\star)-dnorm$ | | $\psi_{2a}(\hat{Q}^\star)$ | | $\psi_{2b}(\hat{Q}^\star)$ | |
	Submodels	Linear	Logit	Linear	Logit	Linear	Logit	Linear	Logit	Linear	Logit	Linear	Logit	Linear	Logit
n=500	Bias	-0.001	-0.001	-0.003	-0.005	-0.001	-0.002	-0.002	-0.002	-0.005	0.011	-0.002	-0.004	-0.005	-0.006
	SD	0.056	0.07	0.16	0.164	0.115	0.123	0.122	0.121	0.139	0.212	0.135	0.138	0.14	0.139
	MSE	0.003	0.005	0.026	0.027	0.013	0.015	0.015	0.015	0.019	0.022	0.018	0.019	0.02	0.019
	Coverage	94.1%	93.2%	92.7%	90.1%	96.3%	95.3%	94.9%	94.8%	95.2%	93.4%	95.7%	95.7%	95.4%	95.4%
	CI width	0.216	0.264	0.598	0.579	0.515	0.512	0.481	0.47	0.561	0.799	0.577	0.575	0.562	0.555
n=1000	Bias	0.001	0.002	-0.004	-0.005	0.002	0.002	0.002	0.002	-0.003	-0.005	-0.003	-0.003	-0.003	-0.003
	SD	0.039	0.048	0.112	0.113	0.088	0.089	0.092	0.091	0.101	0.14	0.101	0.1	0.101	0.101
	MSE	0.001	0.002	0.013	0.013	0.008	0.008	0.009	0.008	0.01	0.01	0.01	0.01	0.01	0.01
	Coverage	94.9%	94.6%	94.5%	92.9%	95.2%	95.2%	92.4%	92.4%	94.5%	95.3%	95%	95%	94.5%	94.2%
	CI width	0.152	0.187	0.433	0.425	0.361	0.362	0.342	0.337	0.396	0.563	0.409	0.408	0.396	0.394
n=2000	Bias	0	-0.001	-0.002	-0.002	-0.001	-0.001	-0.001	-0.001	-0.002	-0.003	-0.003	-0.003	-0.002	-0.002
	SD	0.027	0.033	0.079	0.079	0.06	0.06	0.062	0.062	0.072	0.101	0.069	0.069	0.072	0.072
	MSE	0.001	0.001	0.006	0.006	0.004	0.004	0.004	0.004	0.005	0.005	0.005	0.005	0.005	0.005
	Coverage	95.2%	95.1%	94.6%	93.9%	96.4%	96.6%	94.7%	94.5%	95.8%	94.5%	97.2%	97.2%	95.7%	95.5%
	CI width	0.107	0.132	0.308	0.304	0.257	0.257	0.241	0.239	0.281	0.396	0.291	0.291	0.281	0.28