

Table S5 Computed sample size, estimated power, and simulated power for transformed Laplace predictors with $\{\beta_L, \beta_S\} = \{0.3, 1.3\}$, $\{\beta_{I0}, \beta_{S0}\} = \{0, 1\}$, $\sigma^2 = 1$, Type I error $\alpha = 0.05$, and nominal power $1 - \beta = 0.90$

μ_X	σ_X^2	N	Simulated power	Exact approach		Approximate method	
				Estimated power	Error	Estimated power	Error
0	0.5	99	0.8994	0.9025	0.0031	0.7524	-0.1470
	1	76	0.8948	0.9030	0.0082	0.6257	-0.2691
	2	53	0.8897	0.9050	0.0153	0.4602	-0.4295
0.5	0.5	56	0.9060	0.9055	-0.0005	0.8430	-0.0630
	1	48	0.8975	0.9024	0.0049	0.7756	-0.1219
	2	38	0.8903	0.9006	0.0103	0.6604	-0.2299
1	0.5	35	0.8965	0.9013	0.0048	0.8682	-0.0283
	1	33	0.9058	0.9089	0.0031	0.8445	-0.0613
	2	28	0.9011	0.9016	0.0005	0.7689	-0.1322