ONLINE SUPPLEMENT

Appendix A1: Proof for estimation bias in linear regression with a single misclassified regressor (for reference, see Gustafson 2003).

Suppose the regression equation is $Y = \beta_0 + \beta_1 X + \varepsilon$. Instead of true value X we observe $\hat{X}$, which has misclassification. According to law of iterative expectation, $E(Y|\hat{X}) = E(E(Y|X,\hat{X})|\hat{X})$. Additionally, the nondifferential misclassification assumption implies that $E(Y|X,\hat{X}) = E(Y|X)$. Combining them together, we have the following relationship:

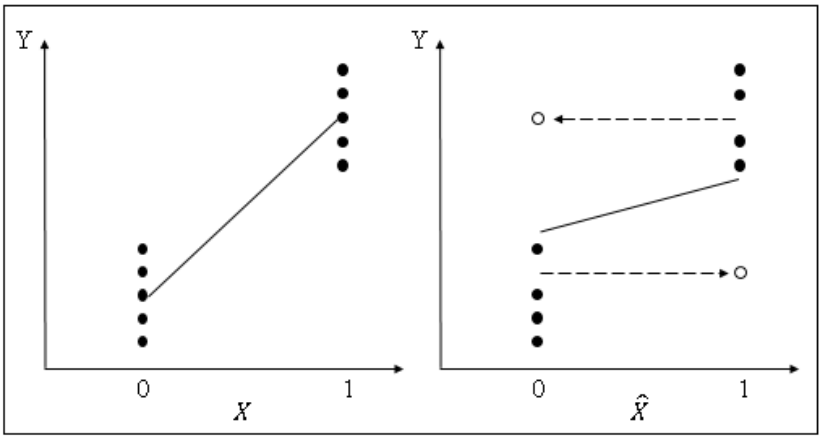
$$E(Y|\hat{X}) = E(E(Y|X)|\hat{X}) = E(\beta_0 + \beta_1 X|\hat{X}) = \beta_0 + \beta_1 E(X|\hat{X})$$

Therefore, $E(\widehat{\beta_1}|\hat{X}) = E(Y|\hat{X}=1) - E(Y|\hat{X}=0) = \beta_1[E(X|\hat{X}=1) - E(X|\hat{X}=0)]$

Further, $E(X|\hat{X}=1) = 1 \times \Pr(X=1|\hat{X}=1) + 0 \times \Pr(X=0|\hat{X}=1) = \Pr(X=1|\hat{X}=1)$. Similarly, $E(X|\hat{X}=0) = \Pr(X=1|\hat{X}=0)$. As a result, we have:

$$E(\widehat{\beta_1}|\hat{X}) = \beta_1[\Pr(X=1|\hat{X}=1) - \Pr(X=1|\hat{X}=0)]$$

Appendix A2: A Graphical Illustration of Estimation Bias due to Misclassification



Note. Consider a linear regression of *Y* on a dummy variable *X*. This graph shows the fitted regression line with 10 data points. In the subgraph on the left, all data is correctly measured. In the subgraph on the right, one data point in each class is misclassified as having the opposite class label (corresponding to 80% precision for both class 0 and class 1). Change in the slope of the regression line demonstrates the bias due to misclassification in independent variable. In this case, misclassification in *X* would result in a coefficient that is only 60% of its true value in expectation.

Appendix A3: Pseudocode for implementing SIMEX and MC-SIMEX methods (for reference, see Cook and Stefanski 1994 and Küchenhoff et al. 2006).

Given a data set $(\boldsymbol{Y}, \boldsymbol{X}, \boldsymbol{Z})$ and the regression model $\boldsymbol{Y} = \boldsymbol{\beta}[\boldsymbol{X}\ \boldsymbol{Z}] + \boldsymbol{\varepsilon}$, we consider $\boldsymbol{X}$ to be the variable that has measurement error or misclassification, and $\boldsymbol{Z}$ to be other precisely measured variables. Here is the pseudocode for estimating error-corrected $\boldsymbol{\beta_{simex}}$ and $\boldsymbol{\beta_{mcsimex}}$, respectively.

Algorithm A3(a). Pseudocode for Implementing SIMEX

$\boldsymbol{X}$ has measurement error with standard deviation σ_e, i.e., $X = X_{true} + e$ and $Var(e) = \sigma_e^2$

// Simulation Step:
For λ from $\{\lambda_1, \lambda_2, \ldots \lambda_m\}$: // Construct simulated data, $\{\lambda_1, \lambda_2, \ldots \lambda_m\}$ can be $\{1,2, \ldots, m\}$
For iteration *i* from 1 to *B*:
Generate $\boldsymbol{X}(\lambda)_i$ as $\boldsymbol{X}(\lambda)_i = \boldsymbol{X} + \sqrt{\lambda_i}\sigma_e \boldsymbol{z}$, $\boldsymbol{z} \sim \boldsymbol{N}(\boldsymbol{0}, \boldsymbol{I})$
Assemble a new data set $(\boldsymbol{Y}, \boldsymbol{X}(\lambda)_i, \boldsymbol{Z})$
Estimate $\boldsymbol{\beta}(\lambda)_i$ from regression model
Calculate $\boldsymbol{\beta}(\lambda) = B^{-1} \sum_{i=1}^{B} \boldsymbol{\beta}(\lambda)_i$
 	
// Extrapolation Step:
Fit a parametric model over $\{\boldsymbol{\beta}(\lambda_1), \boldsymbol{\beta}(\lambda_2), \ldots, \boldsymbol{\beta}(\lambda_m)\}$
Extrapolate to $\boldsymbol{\beta}(-1)$
Obtain $\boldsymbol{\beta_{simex}} = \boldsymbol{\beta}(-1)$

Algorithm A3(b). Pseudocode for Implementing MC-SIMEX

$\boldsymbol{X}$ has misclassification, described by the misclassification matrix $\boldsymbol{\Pi}$.

// Simulation Step:
For λ from $\{\lambda_1, \lambda_2, \ldots \lambda_m\}$: // Construct simulated data, $\{\lambda_1, \lambda_2, \ldots \lambda_m\}$ can be $\{1,2, \ldots, m\}$
For iteration *i* from 1 to *B*:
Generate $\boldsymbol{X}(\lambda)_i$ with misclassification of magnitude $\boldsymbol{\Pi}^{(1+\lambda)}$
Assemble a new data set $(\boldsymbol{Y}, \boldsymbol{X}(\lambda)_i, \boldsymbol{Z})$
Estimate $\boldsymbol{\beta}(\lambda)_i$ from regression model
Calculate $\boldsymbol{\beta}(\lambda) = B^{-1} \sum_{i=1}^{B} \boldsymbol{\beta}(\lambda)_i$
 	
// Extrapolation Step:
Fit a parametric model over $\{\boldsymbol{\beta}(\lambda_1), \boldsymbol{\beta}(\lambda_2), \ldots, \boldsymbol{\beta}(\lambda_m)\}$
Extrapolate to $\boldsymbol{\beta}(-1)$
Obtain $\boldsymbol{\beta_{mcsimex}} = \boldsymbol{\beta}(-1)$

Appendix A4: Diagnostic regression analysis for real-world example in Section 5.1.3 (N = 2,391).

	LP Model			Logit Model		
	True	Predicted	Corrected	True	Predicted	Corrected
Intercept	0.1630***	0.1477***	0.1746***	-1.6315***	-1.7172***	-1.5737***
	(0.0206)	(0.0216)	(0.0294)	(0.1324)	(0.1407)	(0.1811)
Sentiment	**-0.0855*** **	**-0.0628** **	**-0.0890** **	**-0.5300*** **	**-0.3912** **	**-0.5304** **
	(0.0192)	**(0.0193)**	**(0.0288)**	**(0.1227)**	**(0.1237)**	**(0.1774)**
Photo	-0.02545	-0.0251	-0.0243	-0.1927	-0.1909	-0.1832
	(0.0138)	(0.0139)	(0.0139)	(0.1209)	(0.1223)	(0.1211)
Words	0.9275***	0.8890***	0.8185***	5.1059***	4.8561***	4.4318***
	(0.0958)	(0.0989)	(0.1044)	(0.6005)	(0.6199)	(0.6525)
Sequence	0.0441	0.0414	0.0380	0.2945	0.2783	0.2491
	(0.0329)	(0.0329)	(0.0330)	(0.2143)	(0.2147)	(0.2158)
Log Likelihood	-1069.4	-1073.9		-1091.6	-1095.7	
AIC	2148.7	2157.8		2193.2	2201.4	

Note. This table contains regression results using the labeled dataset, i.e., 20% (or 2,391) of all reviews.

Appendix A5: R code used for MC-SIMEX correction in Section 5.1.3

```
library(simex)    # Attach the "simex" library.

data = read.csv()    # Read in the dataset that contains all variables and sentiment prediction for each review.

mc = matrix(c(0.74,0.26,0.07,0.93), nrow = 2)    # Specify the misclassification matrix.
dimnames(mc) = list(c("0", "1"), c("0", "1"))    # Assign the class label as dimension names of the misclassification
                                                    matrix.

# Running linear regressions. Specify the "family" parameter in glm() to run other types of regressions.
# First, run a linear regression with true values of sentiment and control variables.
# Please note that this step typically does not exist in actual studies, because true values are not observed.
model.t = glm(helpfulness ~ true_sentiment + control_variables, data = data)
summary(model.t)

# Second, run a linear regression with predicted values of sentiment and control variables.
model.mc = glm(helpfulness ~ predicted_sentiment + control_variables, data = data)
summary(model.mc)

# Third, specify the regression that contains misclassification. Specify parameters "x = T, y = T" to inform glm() to
# return the response vector and model matrix used in model fitting.
naive = glm(helpfulness ~ predicted_sentiment + control_variables, data = data, x = T, y = T)

# Finally, perform MC-SIMEX correction by calling the mcsimex() function. The first input is the regression with
# misclassification. The second parameter "SIMEXvariable" specifies the name of the variable with error. The third
# parameter "mc.matrix" specifies the misclassification matrix. For other parameters, please see the manual for
# mcsimex() function.
model.simex = mcsimex(naive, SIMEXvariable = " predicted_sentiment ", mc.matrix = mc)
summary(model.simex)
```

Appendix A6: Additional analyses for real-world example in Section 5.1.3 with different sample sizes.

Table A6(a). Regression Results and Corrections of the TripAdvisor.com Dataset (**N = 500**)

	LP Model			Logit Model		
	True	Predicted	Corrected	True	Predicted	Corrected
Intercept	0.1482***	0.1074*	0.1158	-1.7203***	-1.9786***	-1.8926***
	(0.0430)	(0.0482)	(0.0702)	(0.2862)	(0.3364)	(0.4592)
Sentiment	**-0.0692**	**-0.0162**	**-0.0244**	**-0.4655**	**-0.1079**	**-0.1978**
	(0.0408)	**(0.0431)**	**(0.0702)**	**(0.2731)**	**(0.2964)**	**(0.4594)**
Photo	0.0441	0.0413	0.0412	0.2555	0.2344	0.2360
	(0.0319)	(0.0319)	(0.0395)	(0.1852)	(0.1845)	(0.1786)
Words	0.9571***	0.9742***	0.9510**	5.5621***	5.6385***	5.4612***
	(0.2257)	(0.2342)	(0.2900)	(1.4218)	(1.4910)	(1.6467)
Sequence	-0.0394	-0.0503	-0.0493	-0.3060	-0.3873	-0.3756
	(0.0761)	(0.0760)	(0.0838)	(0.5785)	(0.5769)	(0.6726)
Log Likelihood	-212.49	-213.86		-220.73	-222.06	
AIC	436.97	439.72		451.45	454.12	

Note. The MC-SIMEX method does not provide log likelihood or AIC statistics.
*** $p < 0.001$, ** $p < 0.01$, * $p < 0.05$, + $p < 0.1$

Table A6(b). Regression Results and Corrections of the TripAdvisor.com Dataset (**N = 2,000**)

	LP Model			Logit Model		
	True	Predicted	Corrected	True	Predicted	Corrected
Intercept	0.1763***	0.1452***	0.1660***	-1.5464***	-1.7215***	-1.6175***
	(0.0232)	(0.0245)	(0.0353)	(0.1447)	(0.1576)	(0.2109)
Sentiment	**-0.0803*** **	**-0.0411+**	**-0.0618+**	**-0.4819*** **	**-0.2475+**	**-0.3452+**
	(0.0215)	**(0.0219)**	**(0.0349)**	**(0.1330)**	**(0.1383)**	**(0.2065)**
Photo	0.0106	0.0074	0.0088	0.0586	0.0382	0.0475
	(0.0195)	(0.0195)	(0.0237)	(0.1181)	(0.1177)	(0.1332)
Words	0.7572***	0.7628***	0.7112***	4.1086***	4.1178***	3.7970***
	(0.1046)	(0.1081)	(0.1439)	(0.6328)	(0.6550)	(0.8094)
Sequence	0.0360	0.0329	0.0334	0.2475	0.2283	0.2299
	(0.0369)	(0.0370)	(0.0391)	(0.2379)	(0.2379)	(0.2420)
Log Likelihood	-933.05	-938.22		-942.67	-947.42	
AIC	1878.10	1888.40		1895.30	1904.80	

Note. The MC-SIMEX method does not provide log likelihood or AIC statistics.
*** $p < 0.001$, ** $p < 0.01$, * $p < 0.05$, + $p < 0.1$

Table A6(c). Regression Results and Corrections of the TripAdvisor.com Dataset (**N = 5,000**)

	LP Model			Logit Model		
	True	Predicted	Corrected	True	Predicted	Corrected
Intercept	0.1648***	0.1507***	0.1739***	-1.6065***	-1.6878***	-1.5641***
	(0.0146)	(0.0154)	(0.0229)	(0.0931)	(0.0998)	(0.1346)
Sentiment	**-0.0611*** **	**-0.0416** **	**-0.0651** **	**-0.3740*** **	**-0.2544** **	**-0.3770** **
	(0.0135)	**(0.0137)**	**(0.0222)**	**(0.0848)**	**(0.0869)**	**(0.1293)**
Photo	-0.0255*	-0.0258*	-0.0250**	-0.1986*	-0.2008*	-0.1928*
	(0.0107)	(0.0107)	(0.0095)	(0.0902)	(0.0902)	(0.0924)
Words	0.8948***	0.8834***	0.8267***	4.9458***	4.8607***	4.5130***
	(0.0703)	(0.0725)	(0.0938)	(0.4312)	(0.4457)	(0.5312)
Sequence	-0.0353	-0.0385+	-0.0379	-0.2197	-0.2402	-0.2405
	(0.0228)	(0.0228)	(0.0235)	(0.1581)	(0.1582)	(0.1682)
Log Likelihood	-2315.62	-2321.24		-2343.63	-2348.86	
AIC	4643.20	4654.50		4697.30	4707.70	

Note. The MC-SIMEX method does not provide log likelihood or AIC statistics.

*** $p < 0.001$, ** $p < 0.01$, * $p < 0.05$, + $p < 0.1$

Appendix A7: Diagnostic regression analysis for real-world example in Section 5.2 (N = 806).

	OLS Model			Poisson Model		
	True	Predicted	Corrected	True	Predicted	Corrected
Intercept	-0.6257	-1.0333	-0.8095	-1.6350***	-1.7096***	-1.6102***
	(1.0350)	(1.0275)	(1.0407)	(0.3082)	(0.3092)	(0.3393)
Log(Words)	0.3575***	0.3945***	0.3308**	0.4494***	0.4628***	0.4310***
	(0.0886)	(0.0909)	(0.1018)	(0.0253)	(0.0266)	(0.0431)
Activeness	0.0676***	0.0662***	0.0654***	0.0150***	0.0144***	0.0150***
	(0.0122)	(0.0122)	(0.0122)	(0.0033)	(0.0033)	(0.0034)
Log(Popularity)	0.1167	0.1369	0.1434	0.0668*	0.0647*	0.0711*
	(0.1003)	(0.1007)	(0.1008)	(0.0307)	(0.0308)	(0.0313)
Type = Link	-0.9259	-1.0160	-1.0751	-1.2153*	-1.1987*	-1.2049*
	(0.6966)	(0.6999)	(0.7000)	(0.5009)	(0.5009)	(0.5019)
Type = Photo	0.0768	-0.1046	0.0371	-0.6038*	-0.7347**	-0.6800*
	(0.5452)	(0.5435)	(0.5519)	(0.2769)	(0.2755)	(0.2875)
Sentiment	**-0.6690****	**-0.4113**	**-0.6430***	**-0.3272*****	**-0.1578***	**-0.3514**
	(0.2114)	**(0.2217)**	**(0.2982)**	**(0.0713)**	**(0.0803)**	**(0.2873)**
Log Likelihood	-1905.6	-1908.9		-2290.4	-2299.5	
AIC	3825.2	3831.8		4594.7	4613.0	

Note. This table contains regression results using the labeled dataset, i.e., 30% (or 410) of all profile pictures. In our diagnostic analysis, the dummy variable *Type = Video* was not estimated, because no video-typed post was selected into the 30% random sample.

Appendix A8: Additional comprehensive simulation analyses of SIMEX and MC-SIMEX corrections

1) X_1 follows $N(0,1^2)$ and has measurement error with $\sigma_e = 0.1$; X_2 follows uniform distribution with values in $[-0.5,0.5]$, $[-1,1]$, or $[-2,2]$; X_3 follows normal distribution with standard deviation 0.5, 1, or 2.

	OLS				Logit				Probit				Poisson			
	b	b'	%	b_{simex}	b	b'	%	b_{simex}	b	b'	%	b_{simex}	b	b'	%	b_{simex}
$\sigma_e = 0.1, X_2 \sim Uniform(-0.5,0.5), X_3 \sim N(0, 0.5^2)$																
C	1.0065	1.0045	-0.2%	1.0065	1.0832	1.0794	-0.3%	1.0861	0.9637	0.9423	-2.2%	0.9632	1.0062	0.9509	-5.5%	0.9254
X_1	2.0000	1.9787	-1.1%	2.0005	2.0166	1.9825	-1.7%	2.0147	1.9941	1.9339	-3.0%	1.9965	1.9990	2.0204	1.1%	2.0448
X_2	3.0160	3.0123	-0.1%	3.0111	3.1825	3.1640	-0.6%	3.1885	2.8510	2.7942	-2.0%	2.8522	2.9919	3.1150	4.1%	3.0957
X_3	0.5273	0.5253	-0.4%	0.5271	0.5902	0.5719	-3.1%	0.5758	0.3645	0.3565	-2.2%	0.3674	0.5001	0.5375	7.5%	0.5403
$\sigma_e = 0.1, X_2 \sim Uniform(-0.5,0.5), X_3 \sim N(0, 1^2)$																
C	0.9873	0.9862	-0.1%	0.9855	1.0374	1.0345	-0.3%	1.0391	1.0456	1.0146	-3.0%	1.0334	0.9921	1.0034	1.1%	0.9866
X_1	2.0006	1.9802	-1.0%	2.0013	1.9601	1.9379	-1.1%	1.9684	2.0345	1.9576	-3.8%	2.0154	2.0035	1.9810	-1.1%	2.0028
X_2	3.0168	3.0084	-0.3%	3.0071	2.6864	2.6836	-0.1%	2.7044	3.1959	3.0908	-3.3%	3.1469	3.0014	3.0126	0.4%	2.9711
X_3	0.4954	0.4946	-0.2%	0.4965	0.4914	0.4898	-0.3%	0.4915	0.4696	0.4604	-2.0%	0.4688	0.4992	0.5210	4.4%	0.5208
$\sigma_e = 0.1, X_2 \sim Uniform(-0.5,0.5), X_3 \sim N(0, 2^2)$																
C	0.9975	0.9986	0.1%	1.0001	0.9911	0.9869	-0.4%	0.9958	0.9358	0.9102	-2.7%	0.9260	1.0047	1.0552	5.0%	1.0201
X_1	1.9911	1.9706	-1.0%	1.9903	1.9506	1.9168	-1.7%	1.9541	1.9689	1.8935	-3.8%	1.9461	1.9994	1.9623	-1.9%	1.9878
X_2	2.9638	2.9682	0.1%	2.9744	3.1581	3.1270	-1.0%	3.1513	3.0797	3.0064	-2.4%	3.0583	3.0041	3.0054	0.0%	3.0264
X_3	0.4968	0.4957	-0.2%	0.4957	0.4997	0.4951	-0.9%	0.4989	0.5255	0.5087	-3.2%	0.5172	0.4996	0.4902	-1.9%	0.4959
$\sigma_e = 0.1, X_2 \sim Uniform(-1,1), X_3 \sim N(0, 0.5^2)$																
C	1.0028	1.0012	-0.2%	1.0011	0.9172	0.9128	-0.5%	0.9190	1.0159	1.0059	-1.0%	1.0286	1.0013	1.0157	1.4%	1.0128
X_1	1.9988	1.9801	-0.9%	2.0001	1.9423	1.9147	-1.4%	1.9469	2.1310	2.0928	-1.8%	2.1611	1.9994	1.9692	-1.5%	1.9882
X_2	2.9930	2.9970	0.1%	2.9954	2.8003	2.7808	-0.7%	2.8001	3.1071	3.0776	-0.9%	3.1428	3.0038	3.0422	1.3%	3.0196
X_3	0.4699	0.4677	-0.5%	0.4665	0.4628	0.4476	-3.3%	0.4486	0.5138	0.5154	0.3%	0.5228	0.4971	0.4848	-2.5%	0.4525
$\sigma_e = 0.1, X_2 \sim Uniform(-1,1), X_3 \sim N(0, 1^2)$																
C	1.0051	1.0038	-0.1%	1.0045	1.0379	1.0282	-0.9%	1.0363	1.0044	0.9787	-2.6%	0.9980	0.9927	1.0724	8.0%	1.0458
X_1	2.0113	1.9953	-0.8%	2.0132	2.0396	2.0134	-1.3%	2.0498	2.0249	1.9620	-3.1%	2.0202	2.0000	1.9116	-4.4%	1.9333
X_2	3.0033	3.0054	0.1%	3.0070	2.9796	2.9613	-0.6%	2.9861	2.9419	2.8767	-2.2%	2.9393	3.0094	3.0756	2.2%	3.0886
X_3	0.5064	0.4991	-1.5%	0.4987	0.4732	0.4687	-1.0%	0.4705	0.4975	0.4858	-2.3%	0.4937	0.5041	0.4816	-4.4%	0.4829
$\sigma_e = 0.1, X_2 \sim Uniform(-1,1), X_3 \sim N(0, 2^2)$																
C	1.0016	1.0025	0.1%	1.0029	1.0670	1.0484	-1.7%	1.0565	0.9671	0.9433	-2.5%	0.9629	1.0086	1.0456	3.7%	1.0227
X_1	2.0095	1.9899	-1.0%	2.0104	1.9724	1.9246	-2.4%	1.9589	1.8920	1.8259	-3.5%	1.8786	1.9972	1.9801	-0.9%	2.0018
X_2	3.0077	3.0123	0.2%	3.0134	3.0369	2.9944	-1.4%	3.0152	2.8143	2.7539	-2.1%	2.8061	2.9942	2.9822	-0.4%	2.9801
X_3	0.4981	0.5004	0.4%	0.5004	0.4919	0.4847	-1.5%	0.4878	0.4659	0.4570	-1.9%	0.4646	0.4999	0.4955	-0.9%	0.4939
$\sigma_e = 0.1, X_2 \sim Uniform(-2,2), X_3 \sim N(0, 0.5^2)$																
C	1.0025	1.0022	-0.0%	1.0011	1.0375	1.0326	-0.5%	1.0371	1.0067	0.9927	-1.4%	1.0121	1.0044	0.9513	-5.3%	0.9589
X_1	1.9857	1.9616	-1.2%	1.9812	1.9876	1.9528	-1.8%	1.9803	1.9189	1.8886	-1.6%	1.9435	1.9992	1.9922	-0.4%	2.0019
X_2	3.0021	2.9983	-0.1%	2.9995	2.9292	2.9137	-0.5%	2.9285	2.9758	2.9521	-0.8%	3.0087	2.9985	3.0363	1.3%	3.0276
X_3	0.5036	0.5024	-0.2%	0.5008	0.6771	0.6668	-1.5%	0.6701	0.5430	0.5391	-0.7%	0.5514	0.4984	0.4769	-4.3%	0.4486
$\sigma_e = 0.1, X_2 \sim Uniform(-2,2), X_3 \sim N(0, 1^2)$																
C	0.9960	1.0000	0.4%	0.9985	1.0450	1.0331	-1.1%	1.0391	1.0413	1.0078	-3.2%	1.0265	1.0020	0.9815	-2.0%	0.8705
X_1	2.0191	2.0016	-0.9%	2.0229	1.9578	1.9299	-1.4%	1.9635	2.0390	1.9640	-3.7%	2.0228	1.9995	2.0255	1.3%	2.0418
X_2	2.9925	2.9913	-0.0%	2.9910	2.9351	2.9200	-0.5%	2.9381	2.9607	2.8774	-2.8%	2.9308	2.9990	2.9895	-0.3%	3.0494
X_3	0.4909	0.4931	0.4%	0.4928	0.5290	0.5317	0.5%	0.5355	0.4750	0.4594	-3.3%	0.4664	0.5005	0.4883	-2.4%	0.4912
$\sigma_e = 0.1, X_2 \sim Uniform(-2,2), X_3 \sim N(0, 2^2)$																
C	1.0108	1.0092	-0.2%	1.0097	0.8989	0.9018	0.3%	0.9082	0.9662	0.9488	-1.8%	0.9673	0.9985	0.8443	-15.4%	0.8822
X_1	1.9972	1.9754	-1.1%	1.9957	2.0375	2.0129	-1.2%	2.0501	2.0459	1.9764	-3.4%	2.0360	1.9998	1.9692	-1.5%	1.9908
X_2	3.0057	3.0056	-0.0%	3.0056	3.0528	3.0448	-0.3%	3.0689	3.0410	2.9661	-2.5%	3.0233	3.0015	3.0902	3.0%	3.0483
X_3	0.4992	0.5015	0.5%	0.5015	0.5365	0.5327	-0.7%	0.5365	0.5245	0.5097	-2.8%	0.5186	0.4997	0.5221	4.5%	0.5193

2) X_1 follows $N(0,1^2)$ and has measurement error with $\sigma_e = 0.3$; X_2 follows uniform distribution with values in $[-0.5,0.5]$, $[-1,1]$, or $[-2,2]$; X_3 follows normal distribution with standard deviation 0.5, 1, or 2.

	OLS				Logit				Probit				Poisson			
	b	b'	%	b_{simex}	b	b'	%	b_{simex}	b	b'	%	b_{simex}	b	b'	%	b_{simex}
$\sigma_e = 0.3$, $X_2 \sim Uniform(-0.5,0.5)$, $X_3 \sim N(0, 0.5^2)$																
C	0.9940	0.9923	-0.2%	0.9920	1.0605	0.9989	-5.8%	1.0529	0.9706	0.8570	-11.7%	0.9590	1.0026	1.1853	18.2%	1.1086
X_1	1.9943	1.8405	-7.7%	2.0027	2.0061	1.7093	-14.8%	1.9446	1.9188	1.5365	-19.9%	1.8454	1.9964	1.8470	-7.5%	1.9675
X_2	2.9865	2.9821	-0.1%	2.9818	3.0686	2.8958	-5.6%	3.0462	2.9410	2.5433	-13.5%	2.8142	3.0233	2.8856	-4.6%	2.8130
X_3	0.5026	0.5049	0.4%	0.5100	0.6219	0.5815	-6.5%	0.6032	0.4376	0.3707	-15.3%	0.4184	0.4900	0.4892	-0.2%	0.5971
$\sigma_e = 0.3$, $X_2 \sim Uniform(-0.5,0.5)$, $X_3 \sim N(0, 1^2)$																
C	0.9905	0.9868	-0.4%	0.9926	1.0296	0.9642	-6.4%	1.0259	0.9938	0.8636	-13.1%	0.9799	0.9946	1.1455	15.2%	0.9520
X_1	2.0071	1.8358	-8.5%	1.9959	2.1288	1.8301	-14.0%	2.1023	2.0367	1.6444	-19.3%	2.0122	2.0010	1.8636	-6.9%	2.0462
X_2	2.9908	2.9692	-0.7%	2.9797	3.1944	3.0430	-4.7%	3.2415	3.1744	2.7253	-14.1%	3.0625	3.0073	2.8791	-4.3%	2.9639
X_3	0.5008	0.4950	-1.2%	0.4936	0.5348	0.5040	-5.8%	0.5302	0.4986	0.4223	-15.3%	0.4790	0.5004	0.5142	2.8%	0.4999
$\sigma_e = 0.3$, $X_2 \sim Uniform(-0.5,0.5)$, $X_3 \sim N(0, 2^2)$																
C	1.0005	1.0029	0.2%	1.0043	0.9831	0.9129	-7.1%	0.9592	1.0456	0.9119	-12.8%	1.0301	1.0057	1.3885	38.1%	1.2347
X_1	1.9893	1.8385	-7.6%	1.9968	2.0681	1.7588	-15.0%	1.9930	2.0686	1.6345	-21.0%	1.9848	1.9995	1.7139	-14.3%	1.8671
X_2	3.0005	3.0255	0.8%	3.0123	3.0007	2.8198	-6.0%	2.9726	3.2285	2.7866	-13.7%	3.1125	2.9952	2.8001	-6.5%	2.7360
X_3	0.5001	0.4966	-0.7%	0.4975	0.5399	0.5027	-6.9%	0.5270	0.5375	0.4728	-12.0%	0.5281	0.4973	0.4658	-6.3%	0.4792
$\sigma_e = 0.3$, $X_2 \sim Uniform(-1,1)$, $X_3 \sim N(0, 0.5^2)$																
C	0.9881	0.9788	-0.9%	0.9787	0.9673	0.9074	-6.2%	0.9584	1.0042	0.8633	-14.0%	0.9682	0.9850	1.0552	7.1%	0.7100
X_1	1.9982	1.8319	-8.3%	1.9896	2.0903	1.8095	-13.4%	2.0671	1.9876	1.5649	-21.3%	1.8876	2.0089	1.8756	-6.6%	2.1399
X_2	2.9870	2.9713	-0.5%	2.9752	3.0840	2.8899	-6.3%	3.0434	2.9213	2.5272	-13.5%	2.8122	2.9963	3.0567	2.0%	3.1687
X_3	0.4890	0.5052	3.3%	0.5158	0.5650	0.5644	-0.1%	0.5934	0.6070	0.5117	-15.7%	0.5734	0.5006	0.5669	13.2%	0.6125
$\sigma_e = 0.3$, $X_2 \sim Uniform(-1,1)$, $X_3 \sim N(0, 1^2)$																
C	0.9990	0.9865	-1.3%	0.9850	1.0161	0.9513	-6.4%	0.9951	0.9294	0.8006	-13.9%	0.8934	1.0057	1.2848	27.7%	1.0802
X_1	1.9855	1.8269	-8.0%	1.9804	2.0482	1.7566	-14.2%	2.0044	1.9135	1.5363	-19.7%	1.8556	1.9968	1.7473	-12.5%	1.9305
X_2	3.0081	3.0029	-0.2%	3.0065	2.9901	2.8128	-5.9%	2.9596	2.8597	2.4955	-12.7%	2.7929	3.0024	3.0009	-0.0%	3.0108
X_3	0.4998	0.4805	-3.9%	0.4833	0.4659	0.4281	-8.1%	0.4499	0.4806	0.4118	-14.3%	0.4598	0.5010	0.4673	-6.7%	0.5026
$\sigma_e = 0.3$, $X_2 \sim Uniform(-1,1)$, $X_3 \sim N(0, 2^2)$																
C	1.0011	1.0020	0.1%	0.9970	0.9557	0.9163	-4.1%	0.9711	0.9934	0.8877	-10.6%	1.0066	0.9933	1.1814	18.9%	0.9229
X_1	2.0019	1.8318	-8.5%	1.9807	1.9388	1.7314	-10.7%	1.9460	2.0543	1.6834	-18.1%	2.0502	1.9996	1.7675	-11.6%	1.9415
X_2	2.9902	2.9919	0.1%	2.9840	2.9482	2.8373	-3.8%	2.9635	3.1522	2.8278	-10.3%	3.1976	3.0042	2.9591	-1.5%	2.9892
X_3	0.4990	0.5016	0.5%	0.5043	0.5004	0.4761	-4.9%	0.4997	0.4923	0.4363	-11.4%	0.4932	0.5018	0.5501	9.6%	0.5815
$\sigma_e = 0.3$, $X_2 \sim Uniform(-2,2)$, $X_3 \sim N(0, 0.5^2)$																
C	1.0064	1.0134	0.7%	1.0102	1.1316	1.0763	-4.9%	1.1166	1.0071	0.8799	-12.6%	0.9941	1.0006	0.2396	-76.0%	-0.1209
X_1	1.9954	1.8231	-8.6%	1.9715	2.0540	1.8012	-12.3%	2.0367	2.1239	1.6866	-20.6%	2.0446	1.9999	1.9125	-4.4%	2.0792
X_2	2.9947	2.9925	-0.1%	2.9899	3.0985	2.9573	-4.6%	3.0814	3.1193	2.7045	-13.3%	3.0572	2.9993	3.5035	16.8%	3.5972
X_3	0.5087	0.5060	-0.5%	0.4995	0.4603	0.4340	-5.7%	0.4713	0.3441	0.2551	-25.9%	0.2787	0.5018	0.5895	17.5%	0.6339
$\sigma_e = 0.3$, $X_2 \sim Uniform(-2,2)$, $X_3 \sim N(0, 1^2)$																
C	0.9976	0.9987	0.1%	0.9977	1.0285	1.0081	-2.0%	1.0529	0.8567	0.7388	-13.8%	0.8304	1.0035	1.1600	15.6%	0.9501
X_1	1.9955	1.8295	-8.3%	1.9914	1.9746	1.7600	-10.9%	1.9894	1.9315	1.6029	-17.0%	1.9494	2.0008	1.8049	-9.8%	2.0204
X_2	2.9996	3.0095	0.3%	3.0120	2.9730	2.8552	-4.0%	2.9907	2.7894	2.4684	-11.5%	2.7876	2.9969	3.0168	0.7%	3.0043
X_3	0.4944	0.5016	1.5%	0.5019	0.5237	0.4926	-5.9%	0.5177	0.4741	0.4227	-10.8%	0.4851	0.5004	0.5011	0.1%	0.5501
$\sigma_e = 0.3$, $X_2 \sim Uniform(-2,2)$, $X_3 \sim N(0, 2^2)$																
C	1.0082	0.9996	-0.9%	1.0019	0.9604	0.9050	-5.8%	0.9518	0.9914	0.8549	-13.8%	0.9660	0.9990	1.5323	53.4%	1.1906
X_1	2.0002	1.8376	-8.1%	1.9934	1.9279	1.6892	-12.4%	1.9298	2.0341	1.5790	-22.4%	1.9152	2.0007	1.8840	-5.8%	2.0615
X_2	2.9973	3.0107	0.4%	3.0109	2.8274	2.6831	-5.1%	2.8062	2.9988	2.5588	-14.7%	2.8867	2.9999	2.7385	-8.7%	2.8270
X_3	0.5034	0.5103	1.4%	0.5094	0.4713	0.4515	-4.2%	0.4700	0.5034	0.4320	-14.2%	0.4877	0.4998	0.4657	-6.8%	0.4654

3) X_1 follows $N(0,1^2)$ and has measurement error with $\sigma_e = 0.5$; X_2 follows uniform distribution with values in $[-0.5,0.5]$, $[-1,1]$, or $[-2,2]$; X_3 follows normal distribution with standard deviation 0.5, 1, or 2.

	OLS				Logit				Probit				Poisson			
	b	b'	%	b_{simex}	b	b'	%	b_{simex}	b	b'	%	b_{simex}	b	b'	%	b_{simex}
$\sigma_e = 0.5$, $X_2 \sim Uniform(-0.5,0.5)$, $X_3 \sim N(0, 0.5^2)$																
C	0.9988	0.9723	-2.6%	0.9734	1.0373	0.9163	-11.7%	1.0022	1.0214	0.7336	-28.2%	0.8495	0.9939	1.3684	37.7%	0.8414
X_1	2.0058	1.5977	-20.3%	1.9287	1.9357	1.3828	-28.6%	1.8090	1.9786	1.1431	-42.2%	1.5498	2.0042	1.6108	-19.6%	2.0838
X_2	3.0134	3.0054	-0.3%	2.9922	2.9940	2.6700	-10.8%	2.9210	3.0159	2.2345	-25.9%	2.5766	3.0086	3.1850	5.9%	3.2916
X_3	0.4819	0.4512	-6.4%	0.4563	0.4866	0.4111	-15.5%	0.4448	0.4927	0.3049	-38.1%	0.3429	0.5081	0.3959	-22.1%	0.4806
$\sigma_e = 0.5$, $X_2 \sim Uniform(-0.5,0.5)$, $X_3 \sim N(0, 1^2)$																
C	0.9968	0.9978	0.1%	0.9982	0.9722	0.8364	-14.0%	0.9131	1.0454	0.7728	-26.1%	0.8995	0.9932	0.9931	-0.0%	1.3919
X_1	1.9971	1.5859	-20.6%	1.9221	2.0029	1.3898	-30.6%	1.8082	1.9948	1.1952	-40.1%	1.6425	2.0009	1.9062	-4.7%	1.8634
X_2	2.9943	2.9584	-1.2%	2.9492	3.1800	2.6772	-15.8%	2.9072	2.9838	2.1681	-27.3%	2.5323	3.0041	2.5579	-14.9%	2.4561
X_3	0.4945	0.5080	2.7%	0.5042	0.4819	0.4093	-15.1%	0.4444	0.4567	0.3538	-22.5%	0.4173	0.5008	0.2853	-43.0%	0.2692
$\sigma_e = 0.5$, $X_2 \sim Uniform(-0.5,0.5)$, $X_3 \sim N(0, 2^2)$																
C	0.9952	1.0089	1.4%	1.0142	0.9954	0.9126	-8.3%	1.0018	0.9866	0.7128	-27.8%	0.8366	0.9916	1.1484	15.8%	0.9138
X_1	1.9941	1.5817	-20.7%	1.9200	1.9003	1.4071	-26.0%	1.8447	2.0387	1.1988	-41.2%	1.6659	2.0032	1.7473	-12.8%	2.0542
X_2	3.0309	3.0755	1.5%	3.0566	3.1738	2.8644	-9.7%	3.1454	3.1686	2.3192	-26.8%	2.7026	3.0048	3.2798	9.2%	2.9771
X_3	0.5045	0.5020	-0.5%	0.5037	0.4847	0.4338	-10.5%	0.4745	0.5248	0.3980	-24.1%	0.4647	0.4998	0.4764	-4.7%	0.4804
$\sigma_e = 0.5$, $X_2 \sim Uniform(-1,1)$, $X_3 \sim N(0, 0.5^2)$																
C	1.0011	1.0023	0.1%	1.0020	1.0514	0.9096	-13.5%	0.9879	1.0486	0.7769	-25.9%	0.9200	0.9948	1.3520	35.9%	1.0756
X_1	2.0017	1.6044	-19.8%	1.9429	2.1009	1.4814	-29.5%	1.9371	2.1337	1.2037	-43.6%	1.6568	2.0009	1.6121	-19.4%	1.9634
X_2	2.9934	2.9770	-0.6%	2.9576	3.1632	2.7764	-12.2%	3.0607	3.2025	2.3318	-27.2%	2.7489	3.0039	3.0437	1.3%	2.8540
X_3	0.4935	0.4781	-3.1%	0.4779	0.4478	0.4361	-2.6%	0.4820	0.4715	0.3442	-27.0%	0.3840	0.4972	1.0405	109.3%	0.9546
$\sigma_e = 0.5$, $X_2 \sim Uniform(-1,1)$, $X_3 \sim N(0, 1^2)$																
C	0.9897	1.0003	1.1%	0.9913	1.0674	0.9410	-11.8%	1.0405	1.0136	0.7521	-25.8%	0.8885	0.9934	1.5747	58.5%	1.6209
X_1	1.9989	1.6175	-19.1%	1.9687	2.0855	1.5030	-27.9%	1.9705	1.9624	1.1907	-39.3%	1.6392	2.0007	1.4660	-26.7%	1.6153
X_2	3.0148	3.0372	0.7%	3.0434	3.0256	2.7237	-10.0%	3.0241	2.8965	2.1821	-24.7%	2.5551	3.0035	3.0134	0.3%	2.8730
X_3	0.5078	0.5068	-0.2%	0.5032	0.4880	0.4223	-13.5%	0.4677	0.4497	0.3332	-25.9%	0.3914	0.5009	0.3979	-20.6%	0.3188
$\sigma_e = 0.5$, $X_2 \sim Uniform(-1,1)$, $X_3 \sim N(0, 2^2)$																
C	0.9946	0.9970	0.2%	0.9964	1.0220	0.8879	-13.1%	0.9734	0.9600	0.7374	-23.2%	0.8739	0.9979	1.2586	26.1%	0.5015
X_1	2.0050	1.5998	-20.2%	1.9454	2.0100	1.3848	-31.1%	1.7996	1.9923	1.1838	-40.6%	1.6234	2.0015	1.7065	-14.7%	2.1955
X_2	2.9875	2.9428	-1.5%	2.9487	3.1477	2.7740	-11.9%	3.0380	3.0122	2.2767	-24.4%	2.6730	3.0040	2.8947	-3.6%	3.2256
X_3	0.4993	0.5068	1.5%	0.5060	0.5532	0.4790	-13.4%	0.5213	0.4980	0.3826	-23.2%	0.4515	0.4997	0.5405	8.1%	0.5550
$\sigma_e = 0.5$, $X_2 \sim Uniform(-2,2)$, $X_3 \sim N(0, 0.5^2)$																
C	0.9973	1.0003	0.3%	1.0104	1.0253	0.8960	-12.6%	0.9813	1.0674	0.8388	-21.4%	1.0273	1.0002	1.3161	31.6%	0.3884
X_1	2.0069	1.6184	-19.4%	1.9691	2.0404	1.4259	-30.1%	1.8400	2.0102	1.2674	-37.0%	1.8034	2.0002	1.5199	-24.0%	2.0384
X_2	3.0029	3.0067	0.1%	3.0026	3.0593	2.7112	-11.4%	2.9517	3.0667	2.3855	-22.2%	2.8977	2.9998	3.1271	4.2%	3.4145
X_3	0.5243	0.5284	0.8%	0.5376	0.4500	0.3888	-13.6%	0.4167	0.6278	0.4816	-23.3%	0.6164	0.4999	0.3327	-33.4%	0.5148
$\sigma_e = 0.5$, $X_2 \sim Uniform(-2,2)$, $X_3 \sim N(0, 1^2)$																
C	0.9919	1.0011	0.9%	0.9975	0.9276	0.8257	-11.0%	0.9047	1.0721	0.7553	-29.5%	0.8921	0.9983	1.0118	1.4%	0.7234
X_1	1.9967	1.5989	-19.9%	1.9400	1.9283	1.3945	-27.7%	1.8005	2.0926	1.2153	-41.9%	1.6888	1.9995	1.5563	-22.2%	1.8190
X_2	2.9985	2.9876	-0.4%	2.9784	2.9182	2.6206	-10.2%	2.8411	3.0813	2.2546	-26.8%	2.6694	3.0017	3.2718	9.0%	3.3679
X_3	0.5103	0.5084	-0.4%	0.4974	0.4205	0.3801	-9.6%	0.4118	0.5041	0.3652	-27.6%	0.4208	0.5000	0.3359	-32.8%	0.2527
$\sigma_e = 0.5$, $X_2 \sim Uniform(-2,2)$, $X_3 \sim N(0, 2^2)$																
C	0.9949	0.9932	-0.2%	0.9900	1.0428	0.9325	-10.6%	0.9992	1.0242	0.7419	-27.6%	0.8857	1.0061	-0.8169	-181.2%	-0.1064
X_1	1.9955	1.5963	-20.0%	1.9185	1.9817	1.4320	-27.7%	1.8304	2.0398	1.1479	-43.7%	1.5804	2.0002	2.1570	7.8%	2.3071
X_2	2.9912	3.0010	0.3%	2.9962	2.9535	2.6503	-10.3%	2.8607	3.0465	2.1825	-28.4%	2.5653	2.9964	3.6585	22.1%	3.4083
X_3	0.5011	0.4939	-1.4%	0.4929	0.5121	0.4659	-9.0%	0.5037	0.5249	0.3669	-30.1%	0.4302	0.4997	0.6811	36.3%	0.5383

4) X_1 follows $N(0,1^2)$ and has measurement error with $\sigma_e = 0.1$; X_2 follows uniform distribution with values in $[-0.5,0.5]$, $[-1,1]$, or $[-2,2]$; X_3 follows Bernoulli distribution with $Pr(X_3 = 1)$ equals 0.7, 0.5, or 0.3.

	OLS				Logit				Probit				Poisson			
	b	b'	%	b_{simex}	b	b'	%	b_{simex}	b	b'	%	b_{simex}	b	b'	%	b_{simex}
$\sigma_e = 0.1$, $X_2 \sim Uniform(-0.5,0.5)$, $X_3 \sim Bernoulli(0.7)$																
C	0.9890	0.9832	-0.6%	0.9862	0.9803	0.9555	-2.5%	0.9621	1.0270	1.0169	-1.0%	1.0407	1.0020	1.0836	8.1%	1.0661
X_1	1.9948	1.9774	-0.9%	1.9969	2.0962	2.0654	-1.5%	2.1008	1.9982	1.9416	-2.8%	1.9961	2.0020	1.9647	-1.9%	1.9842
X_2	2.9851	2.9870	0.1%	2.9865	3.1391	3.1419	0.1%	3.1662	2.9425	2.8848	-2.0%	2.9385	3.0012	3.0047	0.1%	2.9917
X_3	0.5158	0.5161	0.1%	0.5146	0.6135	0.6296	2.6%	0.6335	0.4439	0.4305	-3.0%	0.4330	0.4951	0.4534	-8.4%	0.4533
$\sigma_e = 0.1$, $X_2 \sim Uniform(-0.5,0.5)$, $X_3 \sim Bernoulli(0.5)$																
C	1.0147	1.0196	0.5%	1.0185	1.0813	1.0769	-0.4%	1.0832	0.9485	0.9343	-1.5%	0.9496	1.0008	1.0399	3.9%	1.0051
X_1	2.0033	1.9830	-1.0%	2.0010	1.9563	1.9289	-1.4%	1.9584	1.9203	1.8644	-2.9%	1.9141	2.0027	1.9918	-0.5%	2.0153
X_2	3.0249	3.0306	0.2%	3.0334	2.9670	2.9435	-0.8%	2.9637	2.7937	2.7215	-2.6%	2.7652	2.9942	3.0674	2.4%	3.0826
X_3	0.4727	0.4737	0.2%	0.4742	0.3659	0.3582	-2.1%	0.3596	0.5125	0.5024	-2.0%	0.5149	0.4950	0.4245	-14.3%	0.4386
$\sigma_e = 0.1$, $X_2 \sim Uniform(-0.5,0.5)$, $X_3 \sim Bernoulli(0.3)$																
C	0.9981	1.0012	0.3%	1.0020	1.0141	1.0190	0.5%	1.0235	1.0053	0.9872	-1.8%	1.0051	1.0006	1.0459	4.5%	1.0335
X_1	2.0004	1.9839	-0.8%	2.0037	1.9689	1.9466	-1.1%	1.9780	1.9758	1.9200	-2.8%	1.9750	2.0014	1.9804	-1.0%	1.9913
X_2	2.9635	2.9583	-0.2%	2.9606	2.9233	2.9118	-0.4%	2.9256	2.9554	2.9054	-1.7%	2.9551	2.9871	2.8752	-3.7%	2.8777
X_3	0.4942	0.4910	-0.6%	0.4898	0.4947	0.4835	-2.3%	0.4927	0.5139	0.4915	-4.4%	0.5013	0.5024	0.4417	-12.1%	0.4546
$\sigma_e = 0.1$, $X_2 \sim Uniform(-1,1)$, $X_3 \sim Bernoulli(0.7)$																
C	1.0033	1.0046	0.1%	1.0059	0.9756	0.9599	-1.6%	0.9643	1.0014	0.9685	-3.3%	0.9860	0.9875	0.9805	-0.7%	0.9455
X_1	2.0031	1.9830	-1.0%	2.0033	1.9765	1.9465	-1.5%	1.9779	2.0250	1.9315	-4.6%	1.9902	2.0015	2.0064	0.2%	2.0421
X_2	2.9980	2.9996	0.1%	3.0001	2.8218	2.8083	-0.5%	2.8269	3.0505	2.9689	-2.7%	3.0279	3.0106	3.0451	1.1%	3.0533
X_3	0.4890	0.4831	-1.2%	0.4816	0.4885	0.4962	1.6%	0.4993	0.4835	0.4794	-0.8%	0.4916	0.5022	0.4631	-7.8%	0.4589
$\sigma_e = 0.1$, $X_2 \sim Uniform(-1,1)$, $X_3 \sim Bernoulli(0.5)$																
C	1.0022	0.9976	-0.5%	0.9981	1.0134	0.9986	-1.5%	1.0031	0.9957	0.9803	-1.5%	1.0012	1.0109	1.0140	0.3%	1.0182
X_1	2.0046	1.9856	-0.9%	2.0044	1.8855	1.8547	-1.6%	1.8824	1.9194	1.8618	-3.0%	1.9212	1.9984	1.9781	-1.0%	1.9833
X_2	2.9999	2.9996	-0.0%	2.9999	3.0445	3.0313	-0.4%	3.0488	2.9871	2.9447	-1.4%	3.0075	2.9920	2.9948	0.1%	2.9974
X_3	0.4955	0.5069	2.3%	0.5070	0.5454	0.5562	2.0%	0.5607	0.4508	0.4329	-4.0%	0.4427	0.4950	0.5323	7.5%	0.5281
$\sigma_e = 0.1$, $X_2 \sim Uniform(-1,1)$, $X_3 \sim Bernoulli(0.3)$																
C	1.0066	1.0067	0.0%	1.0058	1.0606	1.0545	-0.6%	1.0635	1.0387	1.0317	-0.7%	1.0518	0.9981	1.0385	4.0%	1.0201
X_1	1.9959	1.9760	-1.0%	1.9951	2.0698	2.0342	-1.7%	2.0702	2.0574	2.0246	-1.6%	2.0826	2.0012	1.9608	-2.0%	1.9760
X_2	2.9936	2.9901	-0.1%	2.9901	3.1364	3.1140	-0.7%	3.1402	3.0080	2.9752	-1.1%	3.0336	2.9995	2.9775	-0.7%	2.9724
X_3	0.4980	0.4958	-0.4%	0.4992	0.4650	0.4557	-2.0%	0.4603	0.4711	0.4748	0.8%	0.4812	0.5010	0.5419	8.2%	0.5466
$\sigma_e = 0.1$, $X_2 \sim Uniform(-2,2)$, $X_3 \sim Bernoulli(0.7)$																
C	0.9915	0.9982	0.7%	0.9965	0.9675	0.9579	-1.0%	0.9600	0.8955	0.8828	-1.4%	0.9036	0.9975	1.0937	9.6%	1.1480
X_1	1.9888	1.9643	-1.2%	1.9833	1.8312	1.7930	-2.1%	1.8201	1.9976	1.9411	-2.8%	2.0020	2.0004	1.9573	-2.2%	1.9704
X_2	2.9883	2.9903	0.1%	2.9903	2.7965	2.7775	-0.7%	2.7922	2.9534	2.9088	-1.5%	2.9687	3.0014	2.9675	-1.1%	2.9389
X_3	0.5000	0.4911	-1.8%	0.4918	0.3255	0.3272	0.5%	0.3327	0.6091	0.5980	-1.8%	0.6065	0.4997	0.5168	3.4%	0.4969
$\sigma_e = 0.1$, $X_2 \sim Uniform(-2,2)$, $X_3 \sim Bernoulli(0.5)$																
C	0.9936	0.9946	0.1%	0.9924	1.0916	1.0880	-0.3%	1.0932	1.0669	1.0507	-1.5%	1.0691	0.9976	0.9893	-0.8%	0.9714
X_1	2.0081	1.9916	-0.8%	2.0110	2.1149	2.0888	-1.2%	2.1155	1.9844	1.9422	-2.1%	1.9906	1.9994	1.9803	-1.0%	1.9950
X_2	3.0074	3.0036	-0.1%	3.0035	3.0986	3.0818	-0.5%	3.0960	3.0486	3.0154	-1.1%	3.0651	3.0022	3.0386	1.2%	3.0430
X_3	0.5111	0.5112	0.0%	0.5127	0.3912	0.3822	-2.3%	0.3822	0.4371	0.4268	-2.4%	0.4250	0.4998	0.4372	-12.5%	0.4320
$\sigma_e = 0.1$, $X_2 \sim Uniform(-2,2)$, $X_3 \sim Bernoulli(0.3)$																
C	0.9983	1.0011	0.3%	1.0028	0.9279	0.9229	-0.5%	0.9291	0.9343	0.9043	-3.2%	0.9223	1.0021	1.0096	0.7%	0.9636
X_1	1.9981	1.9833	-0.7%	2.0026	1.9720	1.9523	-1.0%	1.9825	2.0293	1.9712	-2.9%	2.0286	2.0002	1.9880	-0.6%	2.0128
X_2	3.0070	3.0075	0.0%	3.0082	2.9955	2.9837	-0.4%	3.0008	3.0450	2.9893	-1.8%	3.0449	2.9984	2.9923	-0.2%	3.0050
X_3	0.4977	0.4986	0.2%	0.4957	0.7150	0.7150	-0.0%	0.7150	0.5117	0.5024	-1.8%	0.5084	0.5012	0.5117	2.1%	0.4970

5) X_1 follows $N(0,1^2)$ and has measurement error with $\sigma_e = 0.3$; X_2 follows uniform distribution with values in $[-0.5,0.5]$, $[-1,1]$, or $[-2,2]$; X_3 follows Bernoulli distribution with $Pr(X_3 = 1)$ equals 0.7, 0.5, or 0.3.

	OLS				Logit				Probit				Poisson			
	b	b'	%	b_{simex}	b	b'	%	b_{simex}	b	b'	%	b_{simex}	b	b'	%	b_{simex}
$\sigma_e = 0.3, X_2 \sim Uniform(-0.5,0.5), X_3 \sim Bernoulli(0.7)$																
C	1.0094	1.0215	1.2%	1.0233	1.0025	0.9714	-3.1%	1.0226	1.0107	0.8740	-13.5%	0.9696	1.0135	1.2538	23.7%	1.0415
X_1	2.0055	1.8413	-8.2%	1.9963	1.9954	1.7838	-10.6%	2.0167	2.0811	1.6008	-23.1%	1.9274	1.9969	1.7976	-10.0%	2.0100
X_2	2.9980	2.9749	-0.8%	2.9618	3.1505	3.0760	-2.4%	3.2239	3.1263	2.6413	-15.5%	2.9505	2.9821	3.0747	3.1%	3.0715
X_3	0.4930	0.4745	-3.7%	0.4743	0.4779	0.4569	-4.4%	0.4838	0.5063	0.4169	-17.7%	0.4608	0.4950	0.4663	-5.8%	0.4454
$\sigma_e = 0.3, X_2 \sim Uniform(-0.5,0.5), X_3 \sim Bernoulli(0.5)$																
C	1.0140	1.0033	-1.0%	1.0146	0.9835	0.9558	-2.8%	1.0127	0.9817	0.8688	-11.5%	0.9748	1.0062	1.0496	4.3%	0.8946
X_1	1.9976	1.8310	-8.3%	1.9948	1.9657	1.7119	-12.9%	1.9496	2.0318	1.6540	-18.6%	2.0050	1.9979	1.9010	-4.9%	2.0516
X_2	3.0238	3.0376	0.5%	3.0455	2.8599	2.7185	-4.9%	2.8451	2.9275	2.5545	-12.7%	2.8515	2.9973	3.1464	5.0%	3.2791
X_3	0.4771	0.4889	2.5%	0.4788	0.4904	0.4544	-7.3%	0.4665	0.5425	0.4646	-14.4%	0.5274	0.4988	0.5212	4.5%	0.4998
$\sigma_e = 0.3, X_2 \sim Uniform(-0.5,0.5), X_3 \sim Bernoulli(0.3)$																
C	0.9917	0.9779	-1.4%	0.9808	1.0439	0.9393	-10.0%	1.0014	0.9818	0.8741	-11.0%	0.9789	1.0002	0.9186	-8.2%	0.6898
X_1	2.0112	1.8311	-9.0%	1.9912	2.2068	1.8909	-14.3%	2.1782	2.0097	1.6512	-17.8%	1.9945	2.0013	1.8887	-5.6%	2.0981
X_2	3.0224	3.0145	-0.3%	3.0203	3.4398	3.2311	-6.1%	3.4546	3.1152	2.7135	-12.9%	3.0863	2.9898	3.3970	13.6%	3.3657
X_3	0.5183	0.5362	3.5%	0.5387	0.4685	0.4733	1.0%	0.4937	0.4414	0.3540	-19.8%	0.3950	0.5019	0.7163	42.7%	0.6681
$\sigma_e = 0.3, X_2 \sim Uniform(-0.5,0.5), X_3 \sim Bernoulli(0.7)$																
C	1.0058	0.9902	-1.5%	0.9944	0.9195	0.8758	-4.8%	0.9097	1.0277	0.8857	-13.8%	0.9778	0.9960	1.1875	19.2%	1.0032
X_1	1.9970	1.8333	-8.2%	1.9942	2.0078	1.7336	-13.7%	1.9628	1.9817	1.5671	-20.9%	1.8821	2.0017	1.8022	-10.0%	1.9874
X_2	2.9997	3.0079	0.3%	3.0101	3.0750	2.8873	-6.1%	3.0183	2.9041	2.5159	-13.4%	2.8065	2.9982	3.0122	0.5%	3.0298
X_3	0.4897	0.5142	5.0%	0.5094	0.5548	0.5303	-4.4%	0.5584	0.4323	0.3775	-12.7%	0.4346	0.5006	0.5602	11.9%	0.5247
$\sigma_e = 0.3, X_2 \sim Uniform(-1,1), X_3 \sim Bernoulli(0.5)$																
C	0.9859	0.9827	-0.3%	0.9863	0.9832	0.9120	-7.2%	0.9473	0.9943	0.8616	-13.3%	0.9541	0.9887	1.3564	37.2%	1.1239
X_1	1.9879	1.8339	-7.7%	1.9881	1.9611	1.6957	-13.5%	1.9306	1.9491	1.5526	-20.3%	1.8472	2.0011	1.7852	-10.8%	1.9532
X_2	3.0194	3.0109	-0.3%	3.0085	2.9077	2.7592	-5.1%	2.8975	2.9808	2.5752	-13.6%	2.8334	3.0087	2.7518	-8.5%	2.8406
X_3	0.5042	0.4956	-1.7%	0.4890	0.4933	0.4921	-0.2%	0.5182	0.5358	0.4962	-7.4%	0.5485	0.5024	0.5101	1.5%	0.5290
$\sigma_e = 0.3, X_2 \sim Uniform(-0.5,0.5), X_3 \sim Bernoulli(0.3)$																
C	0.9976	1.0156	1.8%	1.0182	0.9670	0.9091	-6.0%	0.9645	1.0266	0.8995	-12.4%	1.0202	1.0063	1.3079	30.0%	1.1480
X_1	1.9976	1.8432	-7.7%	1.9999	1.9961	1.7566	-12.0%	2.0072	2.1116	1.6924	-19.9%	2.0708	1.9987	1.7518	-12.4%	1.9111
X_2	2.9999	2.9965	-0.1%	3.0023	2.9524	2.8130	-4.7%	2.9729	3.1454	2.7098	-13.8%	3.0923	2.9971	2.9637	-1.1%	2.9470
X_3	0.5083	0.5015	-1.3%	0.4999	0.3796	0.3668	-3.4%	0.3892	0.6029	0.4871	-19.2%	0.5600	0.4982	0.4535	-9.0%	0.4619
$\sigma_e = 0.3, X_2 \sim Uniform(-0.5,0.5), X_3 \sim Bernoulli(0.7)$																
C	0.9896	0.9719	-1.8%	0.9684	0.9470	0.8854	-6.5%	0.9298	1.0512	0.9031	-14.1%	0.9943	0.9979	0.8952	-10.3%	0.6011
X_1	1.9953	1.8401	-7.8%	1.9989	2.0455	1.7975	-12.1%	2.0505	1.8914	1.4956	-20.9%	1.7711	2.0005	1.9871	-0.7%	2.1876
X_2	3.0095	3.0031	-0.2%	3.0054	3.0851	2.9416	-4.7%	3.0928	2.8520	2.4763	-13.2%	2.7184	2.9999	3.1113	3.7%	3.1635
X_3	0.5081	0.5308	4.5%	0.5276	0.5687	0.5755	1.2%	0.6085	0.4552	0.4018	-11.7%	0.4322	0.5012	0.3235	-35.4%	0.3113
$\sigma_e = 0.3, X_2 \sim Uniform(-2,2), X_3 \sim Bernoulli(0.5)$																
C	1.0063	1.0128	0.7%	1.0073	0.9109	0.8446	-7.3%	0.8757	1.0201	0.8917	-12.6%	0.9898	0.9978	1.5305	53.4%	1.2190
X_1	1.9878	1.8181	-8.5%	1.9824	1.9937	1.6946	-15.0%	1.9004	2.0717	1.6710	-19.3%	2.0468	2.0002	1.7013	-14.9%	1.9017
X_2	2.9969	2.9835	-0.4%	2.9853	3.0294	2.8510	-5.9%	2.9644	3.0774	2.6710	-13.2%	3.0323	3.0010	2.9323	-2.3%	3.0159
X_3	0.5041	0.5139	1.9%	0.5218	0.4996	0.4699	-5.9%	0.4856	0.5512	0.4712	-14.5%	0.5517	0.5003	0.3589	-28.3%	0.3384
$\sigma_e = 0.3, X_2 \sim Uniform(-0.5,0.5), X_3 \sim Bernoulli(0.3)$																
C	1.0131	1.0138	0.1%	1.0142	1.0894	1.0224	-6.1%	1.0780	0.9744	0.8403	-13.8%	0.9493	0.9978	1.2053	20.8%	0.9686
X_1	2.0011	1.8410	-8.0%	1.9974	2.0463	1.7509	-14.4%	1.9753	2.0486	1.6022	-21.8%	1.9528	1.9999	1.8198	-9.0%	2.0240
X_2	3.0106	3.0137	0.1%	3.0154	3.0750	2.8965	-5.8%	3.0273	3.1229	2.6810	-14.2%	3.0188	3.0011	2.9236	-2.6%	2.9581
X_3	0.4873	0.4711	-3.3%	0.4746	0.5202	0.4768	-8.3%	0.4986	0.5697	0.5249	-7.9%	0.5710	0.4989	0.6862	37.5%	0.6917

6) X_1 follows $N(0,1^2)$ and has measurement error with $\sigma_e = 0.5$; X_2 follows uniform distribution with values in $[-0.5,0.5]$, $[-1,1]$, or $[-2,2]$; X_3 follows Bernoulli distribution with $Pr(X_3 = 1)$ equals 0.7, 0.5, or 0.3.

	OLS				Logit				Probit				Poisson			
	b	b'	%	b_{simex}	b	b'	%	b_{simex}	b	b'	%	b_{simex}	b	b'	%	b_{simex}
$\sigma_e = 0.5, X_2 \sim Uniform(-0.5,0.5), X_3 \sim Bernoulli(0.7)$																
C	0.9986	1.0139	1.5%	1.0073	0.9924	0.8909	-10.2%	0.9888	1.0428	0.7797	-25.2%	0.9189	0.9998	1.5383	53.9%	1.2408
X_1	1.9926	1.5897	-20.2%	1.9414	1.9813	1.3900	-29.8%	1.8322	1.9894	1.2303	-38.2%	1.7006	2.0051	1.5230	-24.0%	1.8935
X_2	2.9560	2.9240	-1.1%	2.9434	3.1300	2.6969	-13.8%	2.9583	3.1303	2.3926	-23.6%	2.8327	2.9986	2.9688	-1.0%	3.0863
X_3	0.5011	0.4931	-1.6%	0.4962	0.4839	0.4034	-16.6%	0.4316	0.4566	0.3716	-18.6%	0.4423	0.4937	0.3666	-25.7%	0.2651
$\sigma_e = 0.5, X_2 \sim Uniform(-0.5,0.5), X_3 \sim Bernoulli(0.5)$																
C	0.9999	0.9877	-1.2%	0.9931	0.8877	0.7989	-10.0%	0.8769	0.9432	0.7030	-25.5%	0.8311	1.0112	1.7148	69.6%	1.5850
X_1	2.0022	1.5913	-20.5%	1.9301	1.9257	1.3498	-29.9%	1.7591	1.9637	1.1930	-39.2%	1.6539	1.9960	1.4729	-26.2%	1.7485
X_2	2.9722	2.9639	-0.3%	2.9531	2.9477	2.6064	-11.6%	2.8385	2.7518	2.0018	-27.3%	2.3609	2.9964	2.7634	-7.8%	2.4771
X_3	0.4866	0.5041	3.6%	0.4973	0.5906	0.4934	-16.5%	0.5337	0.4300	0.3310	-23.0%	0.3976	0.4955	0.4422	-10.7%	0.2578
$\sigma_e = 0.5, X_2 \sim Uniform(-0.5,0.5), X_3 \sim Bernoulli(0.3)$																
C	0.9957	1.0010	0.5%	0.9976	0.9936	0.8621	-13.2%	0.9481	0.9493	0.7011	-26.1%	0.8193	1.0015	0.9271	-7.4%	0.4324
X_1	1.9987	1.5845	-20.7%	1.9221	1.9780	1.4095	-28.7%	1.8431	1.9898	1.1803	-40.7%	1.6127	1.9971	1.7949	-10.1%	2.1738
X_2	3.0299	3.0008	-1.0%	2.9955	2.9264	2.5108	-14.2%	2.7589	3.0155	2.2235	-26.3%	2.6136	3.0046	3.4178	13.8%	3.4287
X_3	0.4858	0.4706	-3.1%	0.4767	0.5018	0.4616	-8.0%	0.4836	0.6045	0.4335	-28.3%	0.5026	0.5086	0.8280	62.8%	0.9167
$\sigma_e = 0.5, X_2 \sim Uniform(-0.5,0.5), X_3 \sim Bernoulli(0.7)$																
C	0.9982	0.9819	-1.6%	0.9708	0.8912	0.7893	-11.4%	0.8838	1.0138	0.7891	-22.2%	0.9248	0.9968	1.5178	52.3%	1.7234
X_1	2.0003	1.5838	-20.8%	1.9175	1.9544	1.3372	-31.6%	1.7301	1.9510	1.1613	-40.5%	1.5927	2.0026	1.4536	-27.4%	1.6076
X_2	3.0014	2.9941	-0.2%	2.9998	2.9521	2.5467	-13.7%	2.7821	2.9642	2.2232	-25.0%	2.5829	3.0002	2.8480	-5.1%	2.6149
X_3	0.5039	0.5042	0.1%	0.5143	0.6527	0.5665	-13.2%	0.5955	0.4588	0.2999	-34.6%	0.3419	0.4998	0.7062	41.3%	0.5433
$\sigma_e = 0.5, X_2 \sim Uniform(-1,1), X_3 \sim Bernoulli(0.5)$																
C	0.9976	0.9848	-1.3%	0.9892	1.0327	0.8821	-14.6%	0.9697	1.0229	0.7701	-24.7%	0.9285	0.9972	1.4438	44.8%	1.1364
X_1	1.9907	1.5948	-19.9%	1.9435	2.0033	1.4128	-29.5%	1.8348	2.0326	1.2198	-40.0%	1.7075	2.0005	1.5184	-24.1%	1.7750
X_2	2.9930	2.9657	-0.9%	2.9708	3.0194	2.6674	-11.7%	2.9102	3.0504	2.3000	-24.6%	2.7394	3.0040	2.8300	-5.8%	3.0203
X_3	0.5165	0.5580	8.0%	0.5418	0.5411	0.4960	-8.3%	0.5420	0.4243	0.3151	-25.7%	0.3598	0.4986	0.6127	22.9%	0.5887
$\sigma_e = 0.5, X_2 \sim Uniform(-0.5,0.5), X_3 \sim Bernoulli(0.3)$																
C	0.9992	0.9820	-1.7%	0.9782	0.9919	0.8644	-12.9%	0.9375	1.0322	0.7520	-27.2%	0.8844	1.0010	1.8824	88.1%	1.9311
X_1	2.0018	1.5861	-20.8%	1.9243	2.0646	1.4416	-30.2%	1.8788	2.0549	1.2266	-40.3%	1.6935	1.9996	1.3634	-31.8%	1.5026
X_2	3.0082	3.0187	0.4%	3.0260	3.0483	2.6975	-11.5%	2.9544	3.0332	2.2514	-25.8%	2.6743	2.9989	2.9302	-2.3%	2.7933
X_3	0.4958	0.4960	0.0%	0.5394	0.6213	0.5552	-10.6%	0.6488	0.4428	0.3344	-24.5%	0.3745	0.4990	0.3534	-29.2%	0.3076
$\sigma_e = 0.5, X_2 \sim Uniform(-0.5,0.5), X_3 \sim Bernoulli(0.7)$																
C	0.9803	0.9724	-0.8%	0.9812	0.9828	0.9039	-8.0%	0.9598	0.9292	0.6538	-29.6%	0.7730	1.0012	2.1004	109.8%	2.4481
X_1	2.0076	1.6064	-20.0%	1.9381	1.9872	1.4640	-26.3%	1.9130	2.0436	1.1708	-42.7%	1.6019	1.9998	1.3544	-32.3%	1.5052
X_2	2.9977	3.0033	0.2%	3.0066	2.9765	2.6913	-9.6%	2.9200	3.0458	2.1954	-27.9%	2.5881	2.9995	2.7620	-7.9%	2.5951
X_3	0.5254	0.5417	3.1%	0.5441	0.4824	0.4319	-10.5%	0.4946	0.6321	0.4722	-25.3%	0.5434	0.4998	0.4941	-1.1%	0.2981
$\sigma_e = 0.5, X_2 \sim Uniform(-2,2), X_3 \sim Bernoulli(0.5)$																
C	0.9945	0.9821	-1.2%	0.9852	0.9187	0.8136	-11.4%	0.8663	0.9647	0.7381	-23.5%	0.8744	0.9959	1.2353	24.0%	0.4985
X_1	1.9997	1.6205	-19.0%	1.9669	1.9385	1.3618	-29.7%	1.7316	2.0454	1.2668	-38.1%	1.7816	2.0006	1.7058	-14.7%	2.1640
X_2	2.9968	2.9735	-0.8%	2.9833	2.9691	2.6426	-11.0%	2.8306	3.0947	2.3190	-25.1%	2.7773	3.0014	2.9969	-0.1%	3.1593
X_3	0.4821	0.4862	0.8%	0.4772	0.5835	0.5395	-7.5%	0.5740	0.5587	0.4250	-23.9%	0.5169	0.5007	0.6588	31.6%	0.6189
$\sigma_e = 0.5, X_2 \sim Uniform(-0.5,0.5), X_3 \sim Bernoulli(0.3)$																
C	1.0058	1.0081	0.2%	1.0068	0.9271	0.8304	-10.4%	0.9030	0.9682	0.7348	-24.1%	0.8877	0.9993	2.2014	120.3%	1.8485
X_1	1.9998	1.6025	-19.9%	1.9389	1.9437	1.3929	-28.3%	1.7986	1.9325	1.2028	-37.8%	1.6760	1.9998	1.7477	-12.6%	2.1329
X_2	3.0028	3.0055	0.1%	3.0084	2.8906	2.6027	-10.0%	2.8252	2.8895	2.2183	-23.2%	2.6359	3.0006	2.3929	-20.3%	2.3571
X_3	0.4974	0.5032	1.2%	0.4790	0.5386	0.4639	-13.9%	0.5229	0.4464	0.3597	-19.4%	0.3900	0.4990	0.1417	-71.6%	0.0658

7) X_1 follows $N(0,1^2)$ and has measurement error with $\sigma_e = 0.1$; X_2 follows Bernoulli distribution with $Pr(X_2 = 1)$ equals 0.7, 0.5, or 0.3; X_3 follows normal distribution with standard deviation 0.5, 1, or 2.

	OLS				Logit				Probit				Poisson			
	b	b'	%	b_{simex}	b	b'	%	b_{simex}	b	b'	%	b_{simex}	b	b'	%	b_{simex}
$\sigma_e = 0.1, X_2 \sim Bernoulli(0.7), X_3 \sim N(0,0.5^2)$																
C	1.0132	1.0128	-0.0%	1.0173	1.1562	1.1549	-0.1%	1.1607	0.9081	0.8913	-1.8%	0.9078	0.9899	0.9910	0.1%	0.9684
X_1	2.0000	1.9787	-1.1%	2.0005	2.1216	2.0752	-2.2%	2.1116	1.9276	1.8616	-3.4%	1.9168	1.9997	1.9674	-1.6%	1.9871
X_2	2.9904	2.9882	-0.1%	2.9846	2.9345	2.9082	-0.9%	2.9304	2.9102	2.8233	-3.0%	2.8759	3.0113	3.0513	1.3%	3.0506
X_3	0.5273	0.5253	-0.4%	0.5270	0.4573	0.4334	-5.2%	0.4346	0.5612	0.5604	-0.1%	0.5767	0.4972	0.4961	-0.2%	0.5048
$\sigma_e = 0.1, X_2 \sim Bernoulli(0.7), X_3 \sim N(0,1^2)$																
C	1.0037	1.0033	-0.0%	1.0024	0.9219	0.9249	0.3%	0.9309	1.0290	1.0077	-2.1%	1.0302	1.0106	1.0265	1.6%	0.9853
X_1	2.0006	1.9802	-1.0%	2.0013	1.9459	1.9231	-1.2%	1.9558	2.0829	2.0213	-3.0%	2.0899	2.0000	1.9829	-0.9%	2.0137
X_2	2.9766	2.9756	-0.0%	2.9759	2.9323	2.9174	-0.5%	2.9362	3.1859	3.1273	-1.8%	3.1994	2.9894	2.9941	0.2%	3.0003
X_3	0.4955	0.4947	-0.2%	0.4966	0.4985	0.5021	0.7%	0.5029	0.5616	0.5500	-2.1%	0.5658	0.4994	0.5007	0.3%	0.5007
$\sigma_e = 0.1, X_2 \sim Bernoulli(0.7), X_3 \sim N(0,2^2)$																
C	0.9839	0.9861	0.2%	0.9895	1.0276	1.0206	-0.7%	1.0292	1.0058	1.0063	0.0%	1.0226	0.9999	1.1347	13.5%	1.1609
X_1	1.9912	1.9708	-1.0%	1.9904	1.9322	1.9003	-1.6%	1.9308	1.9862	1.9590	-1.4%	2.0152	1.9995	1.9294	-3.5%	1.9289
X_2	3.0195	3.0180	-0.1%	3.0152	2.9057	2.8863	-0.7%	2.9007	2.9092	2.8815	-1.0%	2.9403	3.0011	2.9594	-1.4%	2.9490
X_3	0.4968	0.4957	-0.2%	0.4957	0.5152	0.5080	-1.4%	0.5113	0.5200	0.5199	-0.0%	0.5291	0.5003	0.4919	-1.7%	0.4879
$\sigma_e = 0.1, X_2 \sim Bernoulli(0.5), X_3 \sim N(0,0.5^2)$																
C	1.0010	0.9977	-0.3%	0.9967	0.9122	0.9030	-1.0%	0.9108	0.9845	0.9600	-2.5%	0.9816	1.0019	1.0671	6.5%	1.0486
X_1	1.9988	1.9800	-0.9%	2.0001	1.9926	1.9536	-2.0%	1.9864	2.0560	1.9802	-3.7%	2.0472	2.0002	1.9533	-2.3%	1.9736
X_2	3.0036	3.0071	0.1%	3.0087	3.2817	3.2562	-0.8%	3.2730	3.1741	3.0811	-2.9%	3.1565	2.9972	2.9917	-0.2%	2.9941
X_3	0.4699	0.4675	-0.5%	0.4663	0.4822	0.4781	-0.9%	0.4799	0.5075	0.5038	-0.7%	0.5155	0.5002	0.5087	1.7%	0.5004
$\sigma_e = 0.1, X_2 \sim Bernoulli(0.5), X_3 \sim N(0,1^2)$																
C	1.0109	1.0095	-0.1%	1.0110	1.0258	1.0229	-0.3%	1.0294	0.9713	0.9414	-3.1%	0.9559	1.0035	1.0055	0.2%	1.0037
X_1	2.0113	1.9952	-0.8%	2.0132	2.1308	2.1128	-0.8%	2.1472	1.9846	1.8995	-4.3%	1.9543	1.9995	1.9936	-0.3%	2.0005
X_2	2.9885	2.9886	0.0%	2.9869	3.0069	2.9950	-0.4%	3.0157	3.0657	2.9697	-3.1%	3.0301	2.9972	3.0079	0.4%	3.0061
X_3	0.5063	0.4990	-1.4%	0.4986	0.5356	0.5317	-0.7%	0.5352	0.5288	0.5163	-2.4%	0.5257	0.4983	0.4939	-0.9%	0.4870
$\sigma_e = 0.1, X_2 \sim Bernoulli(0.5), X_3 \sim N(0,2^2)$																
C	1.0120	1.0157	0.4%	1.0176	0.9796	0.9697	-1.0%	0.9766	0.9342	0.9082	-2.8%	0.9214	1.0031	0.9599	-4.3%	0.9058
X_1	2.0097	1.9902	-1.0%	2.0107	1.9398	1.9074	-1.7%	1.9373	1.8013	1.7445	-3.2%	1.7880	2.0003	2.0447	2.2%	2.0824
X_2	2.9791	2.9734	-0.2%	2.9705	2.8339	2.8138	-0.7%	2.8296	2.7562	2.7035	-1.9%	2.7466	2.9977	3.0067	0.3%	3.0132
X_3	0.4981	0.5003	0.4%	0.5003	0.4830	0.4774	-1.1%	0.4796	0.4514	0.4440	-1.6%	0.4504	0.4999	0.4842	-3.1%	0.4833
$\sigma_e = 0.1, X_2 \sim Bernoulli(0.7), X_3 \sim N(0,0.5^2)$																
C	1.0021	1.0049	0.3%	1.0029	0.9156	0.9112	-0.5%	0.9182	1.0390	1.0283	-1.0%	1.0500	1.0016	0.9836	-1.8%	0.9499
X_1	1.9857	1.9615	-1.2%	1.9811	1.9157	1.8738	-2.2%	1.9038	1.9964	1.9527	-2.2%	2.0086	2.0010	1.9906	-0.5%	2.0172
X_2	3.0014	2.9910	-0.3%	2.9942	2.9721	2.9420	-1.0%	2.9561	2.9795	2.9220	-1.9%	2.9790	2.9960	2.9981	0.1%	3.0033
X_3	0.5037	0.5025	-0.3%	0.5008	0.5061	0.5017	-0.9%	0.5037	0.6136	0.6006	-2.1%	0.6130	0.4983	0.5059	1.5%	0.5084
$\sigma_e = 0.1, X_2 \sim Bernoulli(0.7), X_3 \sim N(0,1^2)$																
C	1.0009	1.0065	0.6%	1.0057	0.9748	0.9599	-1.5%	0.9653	1.0085	0.9839	-2.4%	1.0020	1.0018	1.0299	2.8%	1.0114
X_1	2.0191	2.0016	-0.9%	2.0230	1.8972	1.8587	-2.0%	1.8877	1.9616	1.8933	-3.5%	1.9467	1.9980	1.9832	-0.7%	1.9993
X_2	2.9836	2.9784	-0.2%	2.9758	2.8382	2.8143	-0.8%	2.8271	2.9197	2.8442	-2.6%	2.9029	3.0036	2.9604	-1.4%	2.9560
X_3	0.4909	0.4932	0.5%	0.4929	0.4705	0.4663	-0.9%	0.4697	0.4535	0.4353	-4.0%	0.4407	0.4988	0.5012	0.5%	0.5132
$\sigma_e = 0.1, X_2 \sim Bernoulli(0.7), X_3 \sim N(0,2^2)$																
C	1.0067	1.0036	-0.3%	1.0040	0.9721	0.9717	-0.0%	0.9784	0.9761	0.9577	-1.9%	0.9791	0.9971	0.9986	0.2%	0.9746
X_1	1.9972	1.9754	-1.1%	1.9957	2.0181	1.9824	-1.8%	2.0154	2.0454	1.9882	-2.8%	2.0568	2.0003	2.0234	1.2%	2.0421
X_2	3.0133	3.0186	0.2%	3.0187	2.8542	2.8297	-0.9%	2.8477	3.0068	2.9658	-1.4%	3.0385	3.0011	2.9996	-0.0%	2.9959
X_3	0.4992	0.5015	0.5%	0.5015	0.4789	0.4743	-1.0%	0.4769	0.4954	0.4880	-1.5%	0.4995	0.5000	0.4680	-6.4%	0.4743

8) X_1 follows $N(0,1^2)$ and has measurement error with $\sigma_e = 0.3$; X_2 follows Bernoulli distribution with $Pr(X_2 = 1)$ equals 0.7, 0.5, or 0.3; X_3 follows normal distribution with standard deviation 0.5, 1, or 2.

	OLS				Logit				Probit				Poisson			
	b	b'	%	b_{simex}	b	b'	%	b_{simex}	b	b'	%	b_{simex}	b	b'	%	b_{simex}
$\sigma_e = 0.3, X_2 \sim Bernoulli(0.7), X_3 \sim N(0,0.5^2)$																
C	0.9966	0.9933	-0.3%	0.9970	1.0313	0.9543	-7.5%	0.9998	1.0489	0.9221	-12.1%	1.0422	0.9921	1.1712	18.1%	1.0017
X_1	1.9998	1.8300	-8.5%	1.9943	1.9859	1.7209	-13.3%	1.9467	2.1745	1.6715	-23.1%	2.0380	2.0022	1.8142	-9.4%	2.0096
X_2	3.0177	3.0093	-0.3%	3.0095	2.9783	2.8598	-4.0%	2.9930	3.2456	2.7097	-16.5%	3.0637	3.0036	3.0497	1.5%	3.0193
X_3	0.5073	0.5048	-0.5%	0.5057	0.6059	0.5416	-10.6%	0.5625	0.5191	0.4472	-13.8%	0.4937	0.5002	0.4534	-9.4%	0.5194
$\sigma_e = 0.3, X_2 \sim Bernoulli(0.7), X_3 \sim N(0,1^2)$																
C	1.0036	0.9777	-2.6%	0.9745	1.0753	1.0143	-5.7%	1.0638	0.9664	0.8744	-9.5%	1.0148	0.9954	1.0772	8.2%	1.0154
X_1	1.9987	1.8300	-8.4%	1.9880	1.9116	1.6703	-12.6%	1.8782	2.0271	1.6900	-16.6%	2.1086	2.0011	1.8516	-7.5%	1.9655
X_2	2.9812	3.0051	0.8%	3.0076	2.8151	2.6842	-4.7%	2.7856	3.0337	2.7339	-9.9%	3.1518	2.9999	3.0696	2.3%	3.0279
X_3	0.4902	0.4991	1.8%	0.5048	0.4983	0.4673	-6.2%	0.4894	0.4548	0.4225	-7.1%	0.4928	0.5008	0.5218	4.2%	0.5495
$\sigma_e = 0.3, X_2 \sim Bernoulli(0.7), X_3 \sim N(0,2^2)$																
C	1.0101	1.0174	0.7%	1.0139	0.9690	0.9351	-3.5%	0.9775	1.0903	0.9786	-10.2%	1.0957	0.9937	1.3898	39.9%	1.2008
X_1	2.0099	1.8557	-7.7%	2.0171	1.9222	1.6964	-11.7%	1.9315	2.0379	1.6726	-17.9%	1.9980	2.0008	1.7782	-11.1%	1.9629
X_2	2.9892	2.9973	0.3%	3.0013	2.9589	2.8032	-5.3%	2.9426	3.0125	2.6753	-11.2%	2.9966	3.0059	2.8627	-4.8%	2.8715
X_3	0.5002	0.5037	0.7%	0.5044	0.4907	0.4678	-4.7%	0.4888	0.5344	0.4697	-12.1%	0.5293	0.4998	0.4659	-6.8%	0.4635
$\sigma_e = 0.3, X_2 \sim Bernoulli(0.5), X_3 \sim N(0,0.5^2)$																
C	1.0164	0.9971	-1.9%	0.9978	0.9453	0.8991	-4.9%	0.9523	1.1099	0.9437	-15.0%	1.0611	1.0036	1.1220	11.8%	0.9385
X_1	2.0059	1.8336	-8.6%	1.9865	2.0617	1.7752	-13.9%	2.0266	2.0665	1.6155	-21.8%	1.9480	1.9997	1.8331	-8.3%	2.0424
X_2	2.9882	2.9981	0.3%	2.9954	3.0523	2.8536	-6.5%	3.0059	2.8800	2.4200	-16.0%	2.7058	2.9989	3.0465	1.6%	3.0130
X_3	0.5033	0.4864	-3.4%	0.4762	0.4962	0.4779	-3.7%	0.5113	0.4487	0.3438	-23.4%	0.3830	0.4981	0.3655	-26.6%	0.4311
$\sigma_e = 0.3, X_2 \sim Bernoulli(0.5), X_3 \sim N(0,1^2)$																
C	1.0018	0.9989	-0.3%	0.9960	0.9907	0.9510	-4.0%	0.9921	0.9467	0.8136	-14.1%	0.9118	0.9961	1.0238	2.8%	0.8992
X_1	1.9998	1.8362	-8.2%	1.9927	1.9765	1.7377	-12.1%	1.9695	1.9706	1.5776	-19.9%	1.9007	2.0002	1.9302	-3.5%	2.0678
X_2	3.0069	3.0236	0.6%	3.0290	3.0801	2.9439	-4.4%	3.0909	2.9474	2.5753	-12.6%	2.8959	3.0032	3.0513	1.6%	3.0203
X_3	0.5085	0.5072	-0.3%	0.5091	0.4918	0.4623	-6.0%	0.4851	0.4599	0.3986	-13.3%	0.4408	0.5005	0.4371	-12.7%	0.4844
$\sigma_e = 0.3, X_2 \sim Bernoulli(0.5), X_3 \sim N(0,2^2)$																
C	1.0148	1.0159	0.1%	1.0235	0.9332	0.8931	-4.3%	0.9337	0.9894	0.8525	-13.8%	0.9580	1.0028	1.1455	14.2%	1.0353
X_1	2.0044	1.8459	-7.9%	2.0010	1.9293	1.6879	-12.5%	1.9059	1.9993	1.5278	-23.6%	1.8307	1.9990	1.8709	-6.4%	2.0225
X_2	2.9769	2.9863	0.3%	2.9816	3.0267	2.8752	-5.0%	2.9840	3.0152	2.5352	-15.9%	2.8130	3.0001	3.0683	2.3%	2.9989
X_3	0.4990	0.4987	-0.1%	0.5010	0.4660	0.4358	-6.5%	0.4538	0.4941	0.4284	-13.3%	0.4715	0.5000	0.4812	-3.7%	0.4828
$\sigma_e = 0.7, X_2 \sim Bernoulli(0.7), X_3 \sim N(0,0.5^2)$																
C	0.9928	1.0038	1.1%	0.9988	0.9677	0.9255	-4.4%	0.9703	1.0010	0.8894	-11.1%	0.9892	0.9967	1.2543	25.8%	1.1952
X_1	1.9953	1.8373	-7.9%	1.9949	1.9152	1.6721	-12.7%	1.9010	1.9299	1.5655	-18.9%	1.8835	1.9988	1.7575	-12.1%	1.8674
X_2	3.0020	3.0027	0.0%	3.0015	2.9807	2.8447	-4.6%	2.9834	2.9608	2.5642	-13.4%	2.8712	3.0076	2.9856	-0.7%	2.9402
X_3	0.4778	0.4802	0.5%	0.4774	0.4630	0.4199	-9.3%	0.4353	0.4932	0.4369	-11.4%	0.4968	0.5021	0.5633	12.2%	0.5413
$\sigma_e = 0.7, X_2 \sim Bernoulli(0.7), X_3 \sim N(0,1^2)$																
C	1.0103	1.0124	0.2%	1.0183	1.1029	1.0105	-8.4%	1.0736	1.0196	0.8807	-13.6%	0.9773	0.9988	1.3232	32.5%	1.2144
X_1	2.0037	1.8358	-8.4%	1.9928	2.0837	1.7950	-13.9%	2.0457	1.9905	1.5788	-20.7%	1.9003	1.9990	1.7361	-13.2%	1.8842
X_2	2.9802	2.9775	-0.1%	2.9619	3.0117	2.8564	-5.2%	2.9694	2.9549	2.5782	-12.7%	2.8820	3.0037	2.9730	-1.0%	2.9390
X_3	0.5042	0.5052	0.2%	0.5028	0.5366	0.5109	-4.8%	0.5349	0.5552	0.4775	-14.0%	0.5337	0.4988	0.4336	-13.1%	0.4336
$\sigma_e = 0.7, X_2 \sim Bernoulli(0.7), X_3 \sim N(0,2^2)$																
C	1.0169	1.0144	-0.3%	1.0172	1.0004	0.9338	-6.7%	0.9840	1.0135	0.8860	-12.6%	0.9897	0.9984	0.8592	-13.9%	1.0582
X_1	2.0040	1.8359	-8.4%	1.9980	2.0358	1.7738	-12.9%	2.0241	1.9897	1.6074	-19.2%	1.9480	2.0012	1.8955	-5.3%	1.9381
X_2	3.0001	2.9903	-0.3%	2.9943	3.0574	2.8796	-5.8%	3.0433	2.9446	2.5825	-12.3%	2.9201	3.0002	3.0274	0.9%	2.9297
X_3	0.4944	0.4933	-0.2%	0.4911	0.5414	0.4999	-7.7%	0.5268	0.5151	0.4525	-12.2%	0.5071	0.4999	0.6033	20.7%	0.5581

9) X_1 follows $N(0,1^2)$ and has measurement error with $\sigma_e = 0.5$; X_2 follows Bernoulli distribution with $Pr(X_2 = 1)$ equals 0.7, 0.5, or 0.3; X_3 follows normal distribution with standard deviation 0.5, 1, or 2.

	OLS				Logit				Probit				Poisson			
	b	b'	%	b_{simex}	b	b'	%	b_{simex}	b	b'	%	b_{simex}	b	b'	%	b_{simex}
$\sigma_e = 0.5, X_2 \sim Bernoulli(0.7), X_3 \sim N(0,0.5^2)$																
C	0.9940	1.0152	2.1%	1.0427	1.1168	0.9888	-11.5%	1.0772	1.0299	0.7365	-28.5%	0.8642	1.0069	1.3524	34.3%	0.9410
X_1	1.9990	1.5836	-20.8%	1.9260	1.9979	1.4380	-28.0%	1.8586	2.0025	1.2238	-38.9%	1.7079	1.9988	1.5642	-21.7%	1.9501
X_2	3.0207	3.0032	-0.6%	2.9777	2.8757	2.5666	-10.7%	2.7823	2.9492	2.2547	-23.5%	2.7086	2.9966	3.1423	4.9%	3.1501
X_3	0.4810	0.4544	-5.5%	0.4768	0.5134	0.4656	-9.3%	0.5006	0.5727	0.4795	-16.3%	0.5707	0.5007	0.4909	-2.0%	0.4768
$\sigma_e = 0.5, X_2 \sim Bernoulli(0.7), X_3 \sim N(0,1^2)$																
C	1.0252	1.0306	0.5%	1.0437	1.0074	0.9068	-10.0%	1.0072	0.9722	0.6989	-28.1%	0.7860	0.9967	1.3114	31.6%	0.8667
X_1	1.9958	1.5917	-20.2%	1.9262	2.0352	1.5073	-25.9%	1.9567	1.9269	1.1165	-42.1%	1.5211	2.0009	1.6154	-19.3%	1.9585
X_2	2.9734	2.9726	-0.0%	2.9547	3.0461	2.8256	-7.2%	3.0599	2.9785	2.1747	-27.0%	2.5448	3.0028	3.0829	2.7%	3.2034
X_3	0.4845	0.4767	-1.6%	0.4764	0.4997	0.4648	-7.0%	0.4940	0.4895	0.3413	-30.3%	0.3953	0.4996	0.4712	-5.7%	0.5051
$\sigma_e = 0.5, X_2 \sim Bernoulli(0.7), X_3 \sim N(0,2^2)$																
C	1.0246	0.9971	-2.7%	0.9951	0.9737	0.8705	-10.6%	0.9644	0.9814	0.7266	-26.0%	0.8614	0.9936	1.3000	30.8%	1.3221
X_1	1.9976	1.5886	-20.5%	1.9319	1.9547	1.4043	-28.2%	1.8103	2.0255	1.1748	-42.0%	1.6239	2.0002	1.5984	-20.1%	1.8373
X_2	2.9923	3.0307	1.3%	3.0357	2.9866	2.6541	-11.1%	2.8458	3.0847	2.2718	-26.4%	2.6537	3.0058	2.8536	-5.1%	2.8158
X_3	0.5016	0.4908	-2.2%	0.4861	0.5042	0.4543	-9.9%	0.4949	0.4914	0.3622	-26.3%	0.4268	0.5005	0.6291	25.7%	0.5354
$\sigma_e = 0.5, X_2 \sim Bernoulli(0.5), X_3 \sim N(0,0.5^2)$																
C	0.9745	0.9868	1.3%	0.9837	1.0979	0.9836	-10.4%	1.0850	1.0760	0.8120	-24.5%	0.9650	0.9970	1.4447	44.9%	1.1067
X_1	2.0083	1.5715	-21.8%	1.9255	2.0321	1.4697	-27.7%	1.9262	2.1008	1.2603	-40.0%	1.7563	2.0002	1.6039	-19.8%	1.9693
X_2	3.0180	3.0107	-0.2%	3.0045	3.0902	2.8084	-9.1%	3.0636	2.9556	2.2041	-25.4%	2.6357	3.0031	2.9927	-0.3%	2.9452
X_3	0.5080	0.5383	6.0%	0.5530	0.5788	0.5449	-5.9%	0.6138	0.6177	0.4465	-27.7%	0.5614	0.4980	0.3795	-23.8%	0.4982
$\sigma_e = 0.5, X_2 \sim Bernoulli(0.5), X_3 \sim N(0,1^2)$																
C	1.0056	1.0503	4.4%	1.0518	0.9522	0.7730	-18.8%	0.8504	1.0393	0.7155	-31.2%	0.8361	0.9937	1.6622	67.3%	1.3432
X_1	1.9959	1.5801	-20.8%	1.9122	2.0469	1.4290	-30.2%	1.8409	2.0394	1.1491	-43.7%	1.5895	2.0022	1.5740	-21.4%	1.9144
X_2	2.9940	2.9441	-1.7%	2.9330	3.0951	2.7696	-10.5%	3.0093	3.0792	2.1890	-28.9%	2.5623	3.0035	2.6716	-11.1%	2.6363
X_3	0.4944	0.4909	-0.7%	0.4924	0.4406	0.3852	-12.6%	0.4156	0.4953	0.3412	-31.1%	0.3996	0.4987	0.4255	-14.7%	0.4380
$\sigma_e = 0.5, X_2 \sim Bernoulli(0.5), X_3 \sim N(0,2^2)$																
C	1.0082	0.9889	-1.9%	0.9951	1.0592	0.9384	-11.4%	1.0242	0.9196	0.6814	-25.9%	0.7894	0.9955	1.2447	25.0%	0.9474
X_1	2.0049	1.5947	-20.5%	1.9316	2.0412	1.4205	-30.4%	1.8489	1.9472	1.1453	-41.2%	1.5549	2.0002	1.7026	-14.9%	2.0255
X_2	2.9907	2.9822	-0.3%	2.9729	3.0597	2.6843	-12.3%	2.9300	3.1165	2.3267	-25.3%	2.6831	3.0041	2.8170	-6.2%	2.7986
X_3	0.5032	0.5021	-0.2%	0.4971	0.5328	0.4743	-11.0%	0.5170	0.5142	0.3748	-27.1%	0.4338	0.5003	0.5573	11.4%	0.5361
$\sigma_e = 0.5, X_2 \sim Bernoulli(0.7), X_3 \sim N(0,0.5^2)$																
C	0.9901	1.0097	2.0%	1.0077	1.0530	0.8913	-15.4%	0.9905	1.0448	0.7638	-26.9%	0.9056	1.0091	1.5509	53.7%	1.3664
X_1	1.9978	1.5889	-20.5%	1.9296	2.1204	1.4543	-31.4%	1.9001	2.0713	1.2476	-39.8%	1.7276	1.9978	1.5193	-24.0%	1.8072
X_2	2.9903	2.9508	-1.3%	2.9604	3.1082	2.7883	-10.3%	3.0578	3.0395	2.3444	-22.9%	2.7716	2.9956	2.9839	-0.4%	2.8436
X_3	0.4890	0.4744	-3.0%	0.4927	0.4668	0.4111	-11.9%	0.4524	0.4613	0.3625	-21.4%	0.4191	0.5009	0.4373	-12.7%	0.4366
$\sigma_e = 0.5, X_2 \sim Bernoulli(0.7), X_3 \sim N(0,1^2)$																
C	1.0101	1.0274	1.7%	1.0276	1.0059	0.9047	-10.1%	0.9792	0.9969	0.7288	-26.9%	0.8582	0.9915	1.3583	37.0%	0.9464
X_1	1.9964	1.5965	-20.0%	1.9402	2.0244	1.4236	-29.7%	1.8647	1.9837	1.1740	-40.8%	1.6138	2.0007	1.5732	-21.4%	1.9600
X_2	2.9941	2.9519	-1.4%	2.9615	2.9385	2.5888	-11.9%	2.8400	3.0962	2.3357	-24.6%	2.7092	3.0081	3.0953	2.9%	3.1073
X_3	0.5007	0.4927	-1.6%	0.4926	0.4391	0.3887	-11.5%	0.4253	0.5053	0.3793	-24.9%	0.4523	0.4999	0.4013	-19.7%	0.4336
$\sigma_e = 0.5, X_2 \sim Bernoulli(0.7), X_3 \sim N(0,2^2)$																
C	0.9862	1.0052	1.9%	1.0096	0.9623	0.8786	-8.7%	0.9497	1.0793	0.7626	-29.3%	0.9115	0.9929	1.2280	23.7%	0.7078
X_1	1.9927	1.6140	-19.0%	1.9594	1.9232	1.3969	-27.4%	1.8140	2.1795	1.2445	-42.9%	1.7260	2.0015	1.5868	-20.7%	1.9444
X_2	3.0255	3.0287	0.1%	3.0186	3.0881	2.8007	-9.3%	3.0258	3.1324	2.3097	-26.3%	2.7581	3.0048	3.2092	6.8%	3.3697
X_3	0.5044	0.5074	0.6%	0.5120	0.5091	0.4633	-9.0%	0.5047	0.5503	0.3891	-29.3%	0.4681	0.4998	0.5612	12.3%	0.5808

10) X_2 follows $Bernoulli(0.3)$ and has misclassification with $M_{00} = 0.8$, and $M_{11} = 0.8$; X_1 follows uniform distribution with values in $[-0.5,0.5]$, $[-1,1]$, or $[-2,2]$; X_3 follows normal distribution with standard deviation 0.5, 1, or 2.

	OLS				Logit				Probit				Poisson			
	b	b'	%	b_{simex}	b	b'	%	b_{simex}	b	b'	%	b_{simex}	b	b'	%	b_{simex}
Scenario (1): $X_2 \sim Bernoulli(0.3)$, $M_{00} = 0.8$, and $M_{11} = 0.8$, $X_1 \sim Uniform(-0.5,0.5)$, $X_3 \sim N(0.0.5^2)$																
C	1.0029	1.2902	28.6%	1.0195	1.0101	1.1406	12.9%	0.9996	1.0089	1.0606	5.1%	0.9833	0.9974	2.0563	106.2%	1.5065
X_1	1.9688	1.9443	-1.2%	1.8847	2.0765	1.9384	-6.7%	2.0017	2.0625	1.8167	-11.9%	1.8846	2.0259	2.1498	6.1%	2.2137
X_2	2.9897	1.5734	-47.4%	2.5259	3.1035	1.0612	-65.8%	1.8204	2.6801	0.6102	-77.3%	1.0409	2.9994	1.4855	-50.5%	2.3884
X_3	0.5075	0.5168	1.8%	0.4927	0.4329	0.3730	-13.8%	0.3970	0.5831	0.4979	-14.6%	0.4932	0.4983	0.5086	2.1%	0.5074
Scenario (1): $X_2 \sim Bernoulli(0.3)$, $M_{00} = 0.8$, and $M_{11} = 0.8$, $X_1 \sim Uniform(-0.5,0.5)$, $X_3 \sim N(0.1^2)$																
C	0.9810	1.2864	31.1%	1.0060	0.9376	1.0426	11.2%	0.8970	0.9946	1.0324	3.8%	0.9498	1.0140	1.9466	92.0%	1.3748
X_1	2.0050	2.0242	1.0%	2.0251	2.0388	1.9183	-5.9%	2.0097	1.8751	1.6734	-10.8%	1.7231	1.9940	2.0669	3.7%	2.0430
X_2	3.0137	1.5949	-47.1%	2.5596	2.8070	1.1673	-58.4%	2.0016	2.9811	0.7149	-76.2%	1.2353	2.9892	1.6041	-46.3%	2.5392
X_3	0.5054	0.4915	-2.8%	0.4899	0.5573	0.5131	-7.9%	0.5444	0.5303	0.4495	-15.2%	0.4674	0.4999	0.5257	5.2%	0.5300
Scenario (1): $X_2 \sim Bernoulli(0.3)$, $M_{00} = 0.8$, and $M_{11} = 0.8$, $X_1 \sim Uniform(-0.5,0.5)$, $X_3 \sim N(0.2^2)$																
C	1.0161	1.3177	29.7%	1.0407	1.0610	1.1508	8.5%	1.0117	0.9944	0.9826	-1.2%	0.9010	0.9994	2.0145	101.6%	1.4624
X_1	1.9943	1.9283	-3.3%	1.9798	1.9875	1.8387	-7.5%	1.9209	1.9754	1.6339	-17.3%	1.7354	2.0022	2.0541	2.6%	2.0313
X_2	2.9997	1.5539	-48.2%	2.4914	3.0144	1.1442	-62.0%	1.9063	3.1497	0.8131	-74.2%	1.3901	3.0032	1.5375	-48.8%	2.4479
X_3	0.4960	0.4913	-1.0%	0.4921	0.4709	0.4256	-9.6%	0.4542	0.5147	0.4046	-21.4%	0.4323	0.4950	0.4412	-10.9%	0.4865
Scenario (1): $X_2 \sim Bernoulli(0.3)$, $M_{00} = 0.8$, and $M_{11} = 0.8$, $X_1 \sim Uniform(-1,1)$, $X_3 \sim N(0.0.5^2)$																
C	1.0069	1.2925	28.4%	1.0114	0.9746	1.0876	11.6%	0.9521	1.0978	1.0805	-1.6%	0.9914	1.0032	2.0611	105.5%	1.5017
X_1	1.9884	1.9514	-1.9%	1.9373	2.0499	1.8462	-9.9%	1.9416	2.2018	1.7971	-18.4%	1.8974	2.0061	1.9585	-2.4%	1.9285
X_2	2.9809	1.6452	-44.8%	2.6085	3.0253	1.0972	-63.7%	1.8207	3.3483	0.8184	-75.6%	1.4033	2.9903	1.4962	-50.0%	2.4052
X_3	0.5065	0.4811	-5.0%	0.4837	0.5715	0.4890	-14.4%	0.5203	0.5967	0.4452	-25.4%	0.4666	0.5016	0.4975	-0.8%	0.5080
Scenario (1): $X_2 \sim Bernoulli(0.3)$, $M_{00} = 0.8$, and $M_{11} = 0.8$, $X_1 \sim Uniform(-1,1)$, $X_3 \sim N(0.1^2)$																
C	0.9971	1.2782	28.2%	1.0110	1.0000	1.1107	11.1%	0.9755	1.0313	1.0574	2.5%	0.9811	0.9991	2.1575	115.9%	1.6503
X_1	2.0154	1.9563	-2.9%	1.9528	2.0401	1.8636	-8.6%	1.9398	2.0667	1.6857	-18.4%	1.7475	1.9978	1.9149	-4.2%	1.9019
X_2	2.9848	1.5732	-47.3%	2.5176	3.0239	1.0403	-65.6%	1.7436	3.1105	0.6834	-78.0%	1.1646	3.0033	1.4586	-51.4%	2.2970
X_3	0.4915	0.4936	0.4%	0.5049	0.4847	0.4377	-9.7%	0.4566	0.5073	0.3948	-22.2%	0.4179	0.4984	0.4853	-2.6%	0.4938
Scenario (1): $X_2 \sim Bernoulli(0.3)$, $M_{00} = 0.8$, and $M_{11} = 0.8$, $X_1 \sim Uniform(-1,1)$, $X_3 \sim N(0.2^2)$																
C	0.9794	1.2696	29.6%	0.9917	1.0372	1.1347	9.4%	0.9958	1.0272	1.0093	-1.7%	0.9313	1.0066	2.1066	109.3%	1.5418
X_1	1.9999	1.9682	-1.6%	1.9554	2.0681	1.8424	-10.9%	1.9384	1.9934	1.4602	-26.7%	1.5284	1.9971	1.9584	-1.9%	1.9477
X_2	3.0163	1.6263	-46.1%	2.6233	2.9897	1.2465	-58.3%	2.1080	3.0905	0.7074	-77.1%	1.1910	2.9986	1.5209	-49.3%	2.4135
X_3	0.5000	0.5076	1.5%	0.4902	0.5015	0.4324	-13.8%	0.4521	0.4870	0.3470	-28.7%	0.3668	0.4918	0.3968	-19.3%	0.4150
Scenario (1): $X_2 \sim Bernoulli(0.3)$, $M_{00} = 0.8$, and $M_{11} = 0.8$, $X_1 \sim Uniform(-2,2)$, $X_3 \sim N(0.0.5^2)$																
C	0.9942	1.3028	31.0%	1.0294	1.0634	1.1320	6.4%	0.9873	1.0306	0.9469	-8.1%	0.8674	1.0000	2.0967	109.7%	1.5810
X_1	1.9962	1.9836	-0.6%	1.9885	2.0014	1.7580	-12.2%	1.8659	2.0243	1.4539	-28.2%	1.5909	2.0017	1.9808	-1.0%	1.9719
X_2	3.0181	1.5706	-48.0%	2.5133	2.8814	1.2879	-55.3%	2.1341	2.9401	1.0121	-65.6%	1.7165	2.9985	1.4899	-50.3%	2.3981
X_3	0.5093	0.5804	14.0%	0.6211	0.4771	0.4353	-8.8%	0.4487	0.5506	0.3324	-39.6%	0.3587	0.4992	0.5551	11.2%	0.5519
Scenario (1): $X_2 \sim Bernoulli(0.3)$, $M_{00} = 0.8$, and $M_{11} = 0.8$, $X_1 \sim Uniform(-2,2)$, $X_3 \sim N(0.1^2)$																
C	0.9906	1.2681	28.0%	0.9956	0.9812	1.0860	10.7%	0.9265	1.0616	0.9571	-9.8%	0.8875	1.0000	1.9776	97.8%	1.3313
X_1	2.0032	1.9892	-0.7%	1.9915	2.0108	1.7420	-13.4%	1.8592	2.0652	1.3960	-32.4%	1.5384	2.0017	2.0372	1.8%	2.0473
X_2	3.0208	1.6351	-45.9%	2.6386	3.0511	1.3393	-56.1%	2.2539	3.0739	0.9737	-68.3%	1.6140	3.0005	1.5711	-47.6%	2.5398
X_3	0.4998	0.5053	1.1%	0.4970	0.4614	0.4038	-12.5%	0.4452	0.5524	0.3515	-36.4%	0.3902	0.4991	0.5158	3.4%	0.5327
Scenario (1): $X_2 \sim Bernoulli(0.3)$, $M_{00} = 0.8$, and $M_{11} = 0.8$, $X_1 \sim Uniform(-2,2)$, $X_3 \sim N(0.2^2)$																
C	0.9970	1.2873	29.1%	0.9981	1.0360	1.1418	10.2%	1.0026	0.9952	2.0844	109.4%	1.5383	1.0125	1.8263	80.4%	1.6593
X_1	1.9921	2.0052	0.7%	2.0187	2.0013	1.7310	-13.5%	1.8221	2.0208	2.0909	3.5%	2.0517	2.0099	2.0469	1.8%	2.0503
X_2	2.9917	1.5762	-47.3%	2.5116	2.8248	1.1534	-59.2%	1.9148	3.0054	1.5037	-50.0%	2.4111	2.9894	0.2343	-92.2%	0.6254
X_3	0.4976	0.4912	-1.3%	0.4892	0.4583	0.3931	-14.2%	0.4196	0.5002	0.5267	5.3%	0.5110	0.4747	0.5222	10.0%	0.5227

11) X_2 follows $Bernoulli(0.3)$ and has misclassification with $M_{00} = 0.6$, and $M_{11} = 0.5$; X_1 follows uniform distribution with values in $[-0.5,0.5]$, $[-1,1]$, or $[-2,2]$; X_3 follows normal distribution with standard deviation 0.5, 1, or 2.

	OLS				Logit				Probit				Poisson			
	b	b'	%	b_{simex}	b	b'	%	b_{simex}	b	b'	%	b_{simex}	b	b'	%	b_{simex}
Scenario (2): $X_2 \sim Bernoulli(0.3)$, $M_{00} = 0.6$, and $M_{11} = 0.5$, $X_1 \sim Uniform(-0.5,0.5)$, $X_3 \sim N(0.0.5^2)$																
C	1.0125	1.8263	80.4%	1.6593	0.9646	1.3856	43.7%	1.3285	0.9983	1.1932	19.5%	1.1283	1.0054	2.7793	176.4%	2.5243
X_1	2.0099	2.0469	1.8%	2.0503	2.0123	1.8349	-8.8%	1.8363	2.0310	1.6848	-17.0%	1.6814	2.0037	1.9772	-1.3%	1.9773
X_2	2.9894	0.2343	-92.2%	0.6254	3.3398	0.0812	-97.6%	0.2178	2.6521	0.1031	-96.2%	0.2643	2.9960	0.3254	-89.1%	0.8658
X_3	0.4747	0.5222	10.0%	0.5227	0.3651	0.3172	-13.1%	0.3164	0.5134	0.4111	-19.9%	0.4184	0.4983	0.4230	-15.1%	0.4210
Scenario (2): $X_2 \sim Bernoulli(0.3)$, $M_{00} = 0.6$, and $M_{11} = 0.5$, $X_1 \sim Uniform(-0.5,0.5)$, $X_3 \sim N(0.1^2)$																
C	1.0044	1.7862	77.8%	1.6006	0.9924	1.3477	35.8%	1.1926	0.9695	1.1776	21.5%	1.1232	1.0030	2.7918	178.3%	2.6383
X_1	2.0024	1.9959	-0.3%	2.0165	2.1788	1.9033	-12.6%	1.9386	1.9600	1.6529	-15.7%	1.6553	2.0030	1.8825	-6.0%	1.9048
X_2	2.9883	0.2457	-91.8%	0.6806	3.4681	0.2202	-93.7%	0.5819	3.0920	0.0804	-97.4%	0.2077	2.9962	0.2124	-92.9%	0.5393
X_3	0.4991	0.4943	-0.9%	0.4985	0.5201	0.4686	-9.9%	0.4689	0.4692	0.3756	-19.9%	0.3760	0.4981	0.4609	-7.5%	0.4635
Scenario (2): $X_2 \sim Bernoulli(0.3)$, $M_{00} = 0.6$, and $M_{11} = 0.5$, $X_1 \sim Uniform(-0.5,0.5)$, $X_3 \sim N(0.2^2)$																
C	1.0029	1.7981	79.3%	1.6060	0.9958	1.4235	42.9%	1.3439	0.9631	1.1382	18.2%	1.0456	1.0015	2.7665	176.2%	2.5977
X_1	2.0095	2.0638	2.7%	2.0749	1.8149	1.5196	-16.3%	1.5186	1.7935	1.4429	-19.5%	1.4535	1.9964	1.9025	-4.7%	1.9019
X_2	3.0155	0.2748	-90.9%	0.7265	3.1526	0.1075	-96.6%	0.2887	3.0195	0.1431	-95.3%	0.3755	3.0034	0.2145	-92.9%	0.5918
X_3	0.5096	0.5092	-0.1%	0.5120	0.4772	0.4117	-13.7%	0.4130	0.4693	0.3637	-22.5%	0.3636	0.4987	0.5033	0.9%	0.5048
Scenario (2): $X_2 \sim Bernoulli(0.3)$, $M_{00} = 0.6$, and $M_{11} = 0.5$, $X_1 \sim Uniform(-1,1)$, $X_3 \sim N(0.0.5^2)$																
C	0.9978	1.8340	83.8%	1.7047	0.9916	1.3813	39.3%	1.2718	1.0697	1.2432	16.2%	1.1438	0.9885	2.7831	181.6%	2.5642
X_1	1.9966	2.0243	1.4%	2.0173	2.0531	1.7922	-12.7%	1.7944	2.1276	1.7174	-19.3%	1.7225	2.0082	1.9565	-2.6%	1.9553
X_2	3.0247	0.1703	-94.4%	0.4703	3.2656	0.1641	-95.0%	0.4376	3.0026	0.1402	-95.3%	0.3895	3.0103	0.2782	-90.8%	0.7359
X_3	0.4795	0.4439	-7.4%	0.4417	0.3949	0.3909	-1.0%	0.3859	0.3843	0.2899	-24.6%	0.2871	0.5042	0.4976	-1.3%	0.4906
Scenario (2): $X_2 \sim Bernoulli(0.3)$, $M_{00} = 0.6$, and $M_{11} = 0.5$, $X_1 \sim Uniform(-1,1)$, $X_3 \sim N(0.1^2)$																
C	0.9938	1.7939	80.5%	1.6124	0.9785	1.3821	41.2%	1.2544	0.9869	1.2161	23.2%	1.1898	1.0038	2.7980	178.7%	2.6058
X_1	2.0006	2.0184	0.9%	2.0237	1.9929	1.6768	-15.9%	1.6744	1.9695	1.5740	-20.1%	1.5720	2.0039	1.9787	-1.3%	1.9842
X_2	3.0150	0.2572	-91.5%	0.6821	3.0512	0.2026	-93.4%	0.5120	2.9746	0.0200	-99.3%	0.0768	2.9989	0.2449	-91.8%	0.6692
X_3	0.4891	0.4791	-2.0%	0.4803	0.5796	0.4882	-15.8%	0.4880	0.4663	0.3328	-28.6%	0.3325	0.4983	0.4881	-2.0%	0.4809
Scenario (2): $X_2 \sim Bernoulli(0.3)$, $M_{00} = 0.6$, and $M_{11} = 0.5$, $X_1 \sim Uniform(-1,1)$, $X_3 \sim N(0.2^2)$																
C	1.0221	1.8403	80.0%	1.6669	0.9539	1.3933	46.1%	1.3219	1.0001	1.1407	14.1%	1.0441	1.0082	2.7666	174.4%	2.5770
X_1	2.0042	2.0121	0.4%	1.9987	1.9427	1.6184	-16.7%	1.6162	1.9271	1.4299	-25.8%	1.4233	2.0023	2.0737	3.6%	2.1009
X_2	2.9765	0.2327	-92.2%	0.6312	2.8525	0.0923	-96.8%	0.2575	2.8328	0.1345	-95.3%	0.3681	2.9953	0.2237	-92.5%	0.5993
X_3	0.4978	0.4991	0.3%	0.5000	0.4838	0.3843	-20.6%	0.3843	0.5105	0.3594	-29.6%	0.3598	0.4992	0.5270	5.6%	0.5333
Scenario (2): $X_2 \sim Bernoulli(0.3)$, $M_{00} = 0.6$, and $M_{11} = 0.5$, $X_1 \sim Uniform(-2,2)$, $X_3 \sim N(0.0.5^2)$																
C	1.0013	1.7734	77.1%	1.5563	0.9014	1.3692	51.9%	1.3194	1.0985	1.1781	7.3%	1.0970	0.9941	2.6033	161.9%	2.3056
X_1	1.9929	1.9901	-0.1%	1.9849	2.0179	1.6547	-18.0%	1.6538	2.1326	1.3109	-38.5%	1.3159	2.0019	2.0665	3.2%	2.0732
X_2	2.9872	0.3128	-89.5%	0.8244	2.9869	0.0708	-97.6%	0.1818	3.0534	0.1129	-96.3%	0.3102	3.0032	0.3547	-88.2%	0.9642
X_3	0.5004	0.4873	-2.6%	0.4950	0.5227	0.4542	-13.1%	0.4503	0.6389	0.3440	-46.2%	0.3403	0.5005	0.6250	24.9%	0.6945
Scenario (2): $X_2 \sim Bernoulli(0.3)$, $M_{00} = 0.6$, and $M_{11} = 0.5$, $X_1 \sim Uniform(-2,2)$, $X_3 \sim N(0.1^2)$																
C	0.9999	1.8238	82.4%	1.6320	1.1048	1.4272	29.2%	1.2062	0.9453	1.0586	12.0%	0.9251	0.9949	2.8569	187.1%	2.7721
X_1	1.9969	2.0096	0.6%	2.0105	1.9938	1.6619	-16.6%	1.6838	1.9629	1.2584	-35.9%	1.2668	1.9977	2.0097	0.6%	2.0166
X_2	2.9974	0.2598	-91.3%	0.6990	2.7599	0.3501	-87.3%	0.9172	2.8531	0.2037	-92.9%	0.5345	3.0095	0.1016	-96.6%	0.2782
X_3	0.5049	0.5093	0.9%	0.5126	0.5028	0.3939	-21.7%	0.3961	0.5109	0.3158	-38.2%	0.322	0.4993	0.5140	2.9%	0.5153
Scenario (2): $X_2 \sim Bernoulli(0.3)$, $M_{00} = 0.6$, and $M_{11} = 0.5$, $X_1 \sim Uniform(-2,2)$, $X_3 \sim N(0.2^2)$																
C	0.9987	1.8218	82.4%	1.6446	1.0588	1.4869	40.4%	1.3916	1.0539	1.1748	11.5%	1.1105	0.9988	2.8323	183.6%	2.5891
X_1	1.9868	1.9961	0.5%	1.9963	1.9604	1.6201	-17.4%	1.6215	2.0675	1.2863	-37.8%	1.2881	2.0022	1.9017	-5.0%	1.9032
X_2	2.9840	0.2445	-91.8%	0.6516	2.9011	0.1423	-95.1%	0.3663	3.0427	0.0907	-97.0%	0.2412	2.9980	0.3226	-89.2%	0.8505
X_3	0.5039	0.5005	-0.7%	0.5018	0.4983	0.4131	-17.1%	0.4133	0.5155	0.3123	-39.4%	0.3129	0.4996	0.5069	1.5%	0.5002

12) X_2 follows $Bernoulli(0.5)$ and has misclassification with $M_{00} = 0.6$, and $M_{11} = 0.5$; X_1 follows uniform distribution with values in $[-0.5,0.5]$, $[-1,1]$, or $[-2,2]$; X_3 follows normal distribution with standard deviation 0.5, 1, or 2.

	OLS				Logit				Probit				Poisson			
	b	b'	%	b_{simex}	b	b'	%	b_{simex}	b	b'	%	b_{simex}	b	b'	%	b_{simex}
Scenario (3): $X_2 \sim Bernoulli(0.5)$, $M_{00} = 0.6$, and $M_{11} = 0.5$, $X_1 \sim Uniform(-0.5,0.5)$, $X_3 \sim N(0.0.5^2)$																
C	0.9972	2.3886	139.5%	2.1839	1.1002	1.7270	57.0%	1.4998	1.0160	1.3668	34.5%	1.2310	0.9875	3.2475	228.9%	3.0943
X_1	1.9687	1.9616	-0.4%	1.9692	2.0628	1.8030	-12.6%	1.8099	1.9939	1.5908	-20.2%	1.5964	2.0130	2.0151	0.1%	2.0073
X_2	3.0053	0.2706	-91.0%	0.7291	2.8968	0.3410	-88.2%	0.8921	2.8002	0.1826	-93.6%	0.4942	3.0086	0.1983	-93.4%	0.5187
X_3	0.5074	0.4771	-6.0%	0.4636	0.5174	0.4592	-11.3%	0.4750	0.5481	0.4015	-26.7%	0.4029	0.4982	0.4723	-5.2%	0.4770
Scenario (3): $X_2 \sim Bernoulli(0.5)$, $M_{00} = 0.6$, and $M_{11} = 0.5$, $X_1 \sim Uniform(-0.5,0.5)$, $X_3 \sim N(0.1^2)$																
C	0.9977	2.3802	138.6%	2.1996	0.9453	1.6479	74.3%	1.4783	1.0077	1.3693	35.9%	1.2773	0.9870	3.2747	231.8%	3.1521
X_1	2.0044	1.9256	-3.9%	1.9292	2.2463	1.9079	-15.1%	1.9085	2.2120	1.6429	-25.7%	1.6467	2.0140	1.9932	-1.0%	2.0072
X_2	2.9749	0.2416	-91.9%	0.6434	2.8196	0.2372	-91.6%	0.6232	2.9192	0.1268	-95.7%	0.3349	3.0123	0.1505	-95.0%	0.4059
X_3	0.5055	0.5308	5.0%	0.5335	0.5193	0.4304	-17.1%	0.4342	0.4572	0.3421	-25.2%	0.3432	0.4989	0.5178	3.8%	0.5237
Scenario (3): $X_2 \sim Bernoulli(0.5)$, $M_{00} = 0.6$, and $M_{11} = 0.5$, $X_1 \sim Uniform(-0.5,0.5)$, $X_3 \sim N(0.2^2)$																
C	1.0135	2.3854	135.4%	2.1375	1.0112	1.6717	65.3%	1.4011	1.0390	1.4077	35.5%	1.3296	0.9927	3.3289	235.3%	3.2254
X_1	1.9941	2.0845	4.5%	2.0805	2.0193	1.5249	-24.5%	1.4933	2.0417	1.3436	-34.2%	1.3425	1.9918	1.9733	-0.9%	1.9825
X_2	3.0048	0.3288	-89.1%	0.8733	2.8911	0.3819	-86.8%	1.0183	3.1598	0.0976	-96.9%	0.2756	3.0066	0.1321	-95.6%	0.3518
X_3	0.4960	0.5103	2.9%	0.5118	0.4543	0.3739	-17.7%	0.3756	0.5196	0.3541	-31.9%	0.3543	0.5016	0.4840	-3.5%	0.4846
Scenario (3): $X_2 \sim Bernoulli(0.5)$, $M_{00} = 0.6$, and $M_{11} = 0.5$, $X_1 \sim Uniform(-1,1)$, $X_3 \sim N(0.0.5^2)$																
C	0.9910	2.3384	136.0%	2.0920	1.0690	1.7733	65.9%	1.5816	0.9785	1.3737	40.4%	1.3039	0.9850	3.2450	229.4%	3.1158
X_1	1.9883	2.0224	1.7%	2.0204	1.9698	1.6879	-14.3%	1.7111	2.0610	1.4257	-30.8%	1.4297	1.9992	2.0137	0.7%	2.0105
X_2	3.0202	0.3327	-89.0%	0.8884	2.8373	0.2842	-90.0%	0.7342	3.2651	0.0966	-97.0%	0.2505	3.0151	0.1633	-94.6%	0.4385
X_3	0.5065	0.5292	4.5%	0.5251	0.4822	0.4610	-4.4%	0.4592	0.5919	0.3823	-35.4%	0.3870	0.5026	0.4520	-10.1%	0.4543
Scenario (3): $X_2 \sim Bernoulli(0.5)$, $M_{00} = 0.6$, and $M_{11} = 0.5$, $X_1 \sim Uniform(-1,1)$, $X_3 \sim N(0.1^2)$																
C	0.9948	2.3663	137.9%	2.1139	1.0522	1.8556	76.4%	1.7644	1.0291	1.4127	37.3%	1.3480	0.9942	3.2839	230.3%	3.1828
X_1	2.0158	2.1134	4.8%	2.1238	2.1883	1.7466	-20.2%	1.7472	1.9786	1.3321	-32.7%	1.3350	2.0085	2.0139	0.3%	2.0111
X_2	2.9958	0.3217	-89.3%	0.8653	3.0131	0.1152	-96.2%	0.3173	3.1806	0.1016	-96.8%	0.2561	3.0061	0.1307	-95.7%	0.3437
X_3	0.4916	0.5131	4.4%	0.5183	0.4579	0.3329	-27.3%	0.3333	0.4466	0.2887	-35.3%	0.2896	0.4976	0.4933	-0.9%	0.4968
Scenario (3): $X_2 \sim Bernoulli(0.5)$, $M_{00} = 0.6$, and $M_{11} = 0.5$, $X_1 \sim Uniform(-1,1)$, $X_3 \sim N(0.2^2)$																
C	0.9776	2.3244	137.8%	2.1101	1.0127	1.6846	66.3%	1.5013	1.1042	1.4211	28.7%	1.3070	0.9990	3.3099	231.3%	3.1853
X_1	1.9995	2.0738	3.7%	2.0710	1.9404	1.5685	-19.2%	1.5783	2.0572	1.3668	-33.6%	1.3570	2.0023	1.9590	-2.2%	1.9517
X_2	3.0135	0.2885	-90.4%	0.7727	2.7258	0.2789	-89.8%	0.7176	2.8857	0.1632	-94.3%	0.4304	2.9959	0.1774	-94.1%	0.4620
X_3	0.5002	0.4759	-4.9%	0.4746	0.4895	0.3883	-20.7%	0.3910	0.4987	0.3124	-37.4%	0.3103	0.5011	0.4907	-2.1%	0.4842
Scenario (3): $X_2 \sim Bernoulli(0.5)$, $M_{00} = 0.6$, and $M_{11} = 0.5$, $X_1 \sim Uniform(-2,2)$, $X_3 \sim N(0.0.5^2)$																
C	1.0126	2.3608	133.1%	2.0975	0.9680	1.7633	82.2%	1.6276	1.0081	1.2811	27.1%	1.1494	1.0009	3.2203	221.7%	2.9421
X_1	1.9963	2.0235	1.4%	2.0250	1.9185	1.4841	-22.6%	1.4885	2.0660	1.0818	-47.6%	1.0910	1.9993	1.9796	-1.0%	2.0046
X_2	2.9745	0.3548	-88.1%	0.9485	2.9176	0.2066	-92.9%	0.5364	3.1537	0.1850	-94.1%	0.4970	3.0006	0.2877	-90.4%	0.7787
X_3	0.5090	0.4498	-11.6%	0.4547	0.4523	0.2789	-38.3%	0.2910	0.5362	0.2949	-45.0%	0.3039	0.4979	0.4875	-2.1%	0.5148
Scenario (3): $X_2 \sim Bernoulli(0.5)$, $M_{00} = 0.6$, and $M_{11} = 0.5$, $X_1 \sim Uniform(-2,2)$, $X_3 \sim N(0.1^2)$																
C	1.0030	2.3940	138.7%	2.1804	0.9380	1.7333	84.8%	1.6045	0.9610	1.2843	33.6%	1.1814	1.0035	3.2545	224.3%	3.1037
X_1	2.0032	2.0386	1.8%	2.0390	1.8910	1.4605	-22.8%	1.4602	1.9965	1.0911	-45.4%	1.0938	1.9993	2.0423	2.2%	2.0413
X_2	2.9875	0.3017	-89.9%	0.7969	2.8140	0.1724	-93.9%	0.4750	2.9937	0.1404	-95.3%	0.3853	2.9988	0.1818	-93.9%	0.4968
X_3	0.4999	0.4884	-2.3%	0.4927	0.4823	0.3297	-31.6%	0.3319	0.4273	0.2217	-48.1%	0.2241	0.5013	0.4768	-4.9%	0.4811
Scenario (3): $X_2 \sim Bernoulli(0.5)$, $M_{00} = 0.6$, and $M_{11} = 0.5$, $X_1 \sim Uniform(-2,2)$, $X_3 \sim N(0.2^2)$																
C	0.9930	2.3657	138.2%	2.1953	1.0671	1.8077	69.4%	1.6273	1.0492	1.3426	28.0%	1.2326	1.0051	3.2496	223.3%	3.0455
X_1	1.9922	1.9770	-0.8%	1.9762	1.9767	1.5116	-23.5%	1.5236	2.0340	1.1422	-43.8%	1.1421	1.9963	1.9590	-1.9%	1.9680
X_2	3.0031	0.2166	-92.8%	0.5791	2.8788	0.2642	-90.8%	0.6958	3.0356	0.1518	-95.0%	0.3997	2.9993	0.2311	-92.3%	0.6270
X_3	0.4976	0.5098	2.5%	0.5094	0.4999	0.3849	-23.0%	0.3820	0.5118	0.2572	-49.7%	0.2566	0.5005	0.5318	6.2%	0.5338

13) X_2 follows $Bernoulli(0.3)$ and has misclassification with $M_{00} = 0.8$, and $M_{11} = 0.8$; X_1 follows uniform distribution with values in $[-0.5,0.5]$, $[-1,1]$, or $[-2,2]$; X_3 follows Bernoulli distribution with $Pr(X_3 = 1)$ equals 0.3, 0.5, or 0.7.

	OLS				Logit				Probit				Poisson			
	b	b'	%	b_{simex}	b	b'	%	b_{simex}	b	b'	%	b_{simex}	b	b'	%	b_{simex}
Scenario (1): $X_2 \sim Bernoulli(0.3)$, $M_{00} = 0.8$, and $M_{11} = 0.8$, $X_1 \sim Uniform(-0.5,0.5)$, $X_3 \sim Bernoulli(0.3)$																
C	1.0112	1.3022	28.8%	1.0186	1.0505	1.2005	14.3%	1.0820	1.0038	1.0573	5.3%	0.9781	1.0018	1.9680	96.4%	1.3474
X_1	1.9784	1.9887	0.5%	1.9633	2.0898	1.9370	-7.3%	1.9999	1.9273	1.7556	-8.9%	1.7985	2.0064	2.0325	1.3%	2.0939
X_2	2.9675	1.5715	-47.0%	2.5276	3.1692	0.9483	-70.1%	1.6091	3.3488	0.5845	-82.7%	0.9730	2.9994	1.5973	-46.7%	2.5762
X_3	0.5086	0.4921	-3.3%	0.5473	0.3871	0.3575	-7.6%	0.3721	0.4930	0.4525	-8.2%	0.4977	0.5096	0.5209	2.2%	0.5217
Scenario (1): $X_2 \sim Bernoulli(0.3)$, $M_{00} = 0.8$, and $M_{11} = 0.8$, $X_1 \sim Uniform(-0.5,0.5)$, $X_3 \sim Bernoulli(0.7)$																
C	1.0015	1.2974	29.5%	0.9870	1.0713	1.2247	14.3%	1.1181	1.1028	1.1638	5.5%	1.1003	1.0242	2.1525	110.2%	1.6454
X_1	1.9805	1.9837	0.2%	2.0060	2.0616	1.9849	-3.7%	2.0404	2.0604	1.9143	-7.1%	1.9847	2.0020	2.0790	3.8%	2.0875
X_2	2.9823	1.6490	-44.7%	2.6417	2.8867	0.8564	-70.3%	1.4272	2.3496	0.5936	-74.7%	1.0126	2.9838	1.4508	-51.4%	2.3364
X_3	0.5090	0.4979	-2.2%	0.5287	0.2900	0.2793	-3.7%	0.2874	0.4039	0.3565	-11.7%	0.3575	0.4892	0.4623	-5.5%	0.4269
Scenario (1): $X_2 \sim Bernoulli(0.3)$, $M_{00} = 0.8$, and $M_{11} = 0.8$, $X_1 \sim Uniform(-0.5,0.5)$, $X_3 \sim Bernoulli(0.5)$																
C	0.9833	1.2417	26.3%	0.9567	1.0397	1.1752	13.0%	1.0525	0.9622	1.0275	6.8%	0.9684	0.9972	1.9434	94.9%	1.3052
X_1	1.9746	1.9728	-0.1%	1.9171	2.2523	2.1126	-6.2%	2.1788	2.1823	1.9986	-8.4%	2.0730	1.9992	1.8973	-5.1%	1.9274
X_2	3.0093	1.6393	-45.5%	2.6494	2.8038	1.0026	-64.2%	1.6972	3.4301	0.5913	-82.8%	0.9722	3.0034	1.6243	-45.9%	2.6500
X_3	0.5036	0.5396	7.1%	0.5479	0.5943	0.5568	-6.3%	0.5787	0.5952	0.5421	-8.9%	0.5632	0.4964	0.5727	15.4%	0.4972
Scenario (1): $X_2 \sim Bernoulli(0.3)$, $M_{00} = 0.8$, and $M_{11} = 0.8$, $X_1 \sim Uniform(-1,1)$, $X_3 \sim Bernoulli(0.3)$																
C	1.0075	1.3108	30.1%	1.0555	1.0388	1.1646	12.1%	1.0312	0.9802	1.0204	4.1%	0.9393	0.9951	1.9868	99.7%	1.3563
X_1	1.9953	2.0574	3.1%	2.0439	1.9544	1.7835	-8.7%	1.8533	1.9248	1.6310	-15.3%	1.6986	2.0021	1.9753	-1.3%	2.0503
X_2	3.0031	1.5472	-48.5%	2.4703	2.7499	1.0199	-62.9%	1.7128	3.2893	0.7111	-78.4%	1.2137	3.0030	1.6239	-45.9%	2.6083
X_3	0.5105	0.5110	0.1%	0.4850	0.4770	0.4257	-10.8%	0.4331	0.4869	0.4372	-10.2%	0.4643	0.5001	0.4960	-0.8%	0.4575
Scenario (1): $X_2 \sim Bernoulli(0.3)$, $M_{00} = 0.8$, and $M_{11} = 0.8$, $X_1 \sim Uniform(-1,1)$, $X_3 \sim Bernoulli(0.7)$																
C	1.0223	1.3155	28.7%	1.0406	0.9510	1.1095	16.7%	0.9814	0.9669	1.0260	6.1%	0.9461	0.9966	1.9976	100.4%	1.4143
X_1	1.9832	1.9611	-1.1%	1.9745	2.0640	1.9229	-6.8%	1.9845	1.9969	1.7774	-11.0%	1.8596	2.0002	1.9643	-1.8%	1.9802
X_2	2.9736	1.6091	-45.9%	2.5647	2.8068	1.0855	-61.3%	1.8478	2.6273	0.6939	-73.6%	1.1563	2.9983	1.5349	-48.8%	2.4802
X_3	0.4907	0.4644	-5.4%	0.4753	0.5555	0.4947	-10.9%	0.5043	0.5325	0.4480	-15.9%	0.4681	0.5029	0.5222	3.8%	0.5381
Scenario (1): $X_2 \sim Bernoulli(0.3)$, $M_{00} = 0.8$, and $M_{11} = 0.8$, $X_1 \sim Uniform(-1,1)$, $X_3 \sim Bernoulli(0.5)$																
C	1.0036	1.2845	28.0%	0.9939	0.9579	1.0847	13.2%	0.9326	0.9161	0.9594	4.7%	0.8806	0.9998	2.1392	114.0%	1.6266
X_1	2.0009	1.9772	-1.2%	1.9934	1.9359	1.7793	-8.1%	1.8251	1.9282	1.6676	-13.5%	1.7704	2.0052	2.0019	-0.2%	1.9678
X_2	2.9706	1.5815	-46.8%	2.5368	2.8322	0.9885	-65.1%	1.6615	3.0418	0.7617	-75.0%	1.3039	3.0053	1.3999	-53.4%	2.2274
X_3	0.5119	0.5212	1.8%	0.5653	0.4775	0.4413	-7.6%	0.4743	0.5726	0.4916	-14.1%	0.5290	0.4950	0.4628	-6.5%	0.5054
Scenario (1): $X_2 \sim Bernoulli(0.3)$, $M_{00} = 0.8$, and $M_{11} = 0.8$, $X_1 \sim Uniform(-2,2)$, $X_3 \sim Bernoulli(0.3)$																
C	1.0031	1.3106	30.7%	1.0240	0.9258	1.0401	12.3%	0.9099	1.0225	0.9119	-10.8%	0.8259	0.9949	2.0556	106.6%	1.4994
X_1	2.0003	1.9835	-0.8%	1.9888	1.9659	1.6680	-15.2%	1.7587	1.9779	1.4617	-26.1%	1.6349	1.9988	1.9650	-1.7%	1.9895
X_2	2.9747	1.5207	-48.9%	2.4432	3.1981	1.1995	-62.5%	1.9922	2.9634	1.1179	-62.3%	1.8992	3.0050	1.5073	-49.8%	2.3841
X_3	0.5043	0.4958	-1.7%	0.5394	0.5549	0.5300	-4.5%	0.5201	0.5320	0.3952	-25.7%	0.4781	0.5000	0.5452	9.0%	0.5746
Scenario (1): $X_2 \sim Bernoulli(0.3)$, $M_{00} = 0.8$, and $M_{11} = 0.8$, $X_1 \sim Uniform(-2,2)$, $X_3 \sim Bernoulli(0.7)$																
C	0.9848	1.2806	30.0%	0.9846	0.9713	1.1118	14.5%	0.9635	0.9010	0.8547	-5.1%	0.7880	0.9921	2.0264	104.3%	1.4730
X_1	1.9937	1.9973	0.2%	1.9877	1.9310	1.6930	-12.3%	1.7859	2.0198	1.4099	-30.2%	1.5377	2.0027	2.0189	0.8%	2.0227
X_2	3.0184	1.6531	-45.2%	2.6394	3.0993	1.3196	-57.4%	2.2435	3.1158	0.9415	-69.8%	1.5559	3.0019	1.4512	-51.7%	2.2953
X_3	0.5137	0.4796	-6.6%	0.4866	0.5445	0.4398	-19.2%	0.4498	0.5549	0.3792	-31.7%	0.3841	0.5029	0.5529	9.9%	0.6219
Scenario (1): $X_2 \sim Bernoulli(0.3)$, $M_{00} = 0.8$, and $M_{11} = 0.8$, $X_1 \sim Uniform(-2,2)$, $X_3 \sim Bernoulli(0.5)$																
C	.9892	1.3146	32.9%	1.0429	1.0664	1.2083	13.3%	1.0590	0.9974	0.9422	-5.5%	0.8707	0.9925	2.0521	106.8%	1.4110
X_1	2.0039	1.9887	-0.8%	1.9799	2.0220	1.7542	-13.2%	1.8521	1.9688	1.4012	-28.8%	1.5587	2.0019	2.0125	0.5%	2.0023
X_2	2.9993	1.5542	-48.2%	2.4779	2.8769	1.1806	-59.0%	1.9541	2.9648	1.0342	-65.1%	1.7541	3.0025	1.5572	-48.1%	2.5011
X_3	0.5115	0.5150	0.7%	0.5284	0.4923	0.3831	-22.2%	0.4338	0.4531	0.2609	-42.4%	0.2764	0.5021	0.3695	-26.4%	0.4556

14) X_2 follows $Bernoulli(0.3)$ and has misclassification with $M_{00} = 0.6$, and $M_{11} = 0.5$; X_1 follows uniform distribution with values in $[-0.5,0.5]$, $[-1,1]$, or $[-2,2]$; X_3 follows Bernoulli distribution with $Pr(X_3 = 1)$ equals 0.3, 0.5, or 0.7.

	OLS				Logit				Probit				Poisson			
	b	b'	%	b_{simex}	b	b'	%	b_{simex}	b	b'	%	b_{simex}	b	b'	%	b_{simex}
Scenario (2): $X_2 \sim Bernoulli(0.3)$, $M_{00} = 0.6$, and $M_{11} = 0.5$, $X_1 \sim Uniform(-0.5,0.5)$, $X_3 \sim Bernoulli(0.3)$																
C	0.9924	1.7892	80.3%	1.6291	1.0505	1.4303	36.1%	1.3423	1.0117	1.1927	17.9%	1.0855	0.9884	2.8004	183.3%	2.6619
X_1	2.0155	2.0041	-0.6%	1.9913	1.9578	1.8845	-3.7%	1.8836	2.0705	1.8403	-11.1%	1.8550	2.0108	2.0416	1.5%	2.0435
X_2	2.9989	0.2269	-92.4%	0.6009	2.8253	0.1117	-96.0%	0.3155	3.3947	0.1619	-95.3%	0.4373	3.0124	0.1867	-93.8%	0.4868
X_3	0.4985	0.5626	12.8%	0.5670	0.4417	0.4151	-6.0%	0.4186	0.5923	0.4879	-17.6%	0.4871	0.4956	0.4787	-3.4%	0.482
Scenario (2): $X_2 \sim Bernoulli(0.3)$, $M_{00} = 0.6$, and $M_{11} = 0.5$, $X_1 \sim Uniform(-0.5,0.5)$, $X_3 \sim Bernoulli(0.7)$																
C	0.9911	1.7859	80.2%	1.5983	1.0233	1.3619	33.1%	1.2242	0.9356	1.1403	21.9%	1.0863	0.9731	2.7619	183.8%	2.5937
X_1	2.0122	2.0497	1.9%	2.0387	1.8775	1.7623	-6.1%	1.7681	2.1337	1.8471	-13.4%	1.8461	2.0137	2.0442	1.5%	2.0594
X_2	2.9889	0.2726	-90.9%	0.7244	3.0746	0.2160	-93.0%	0.5553	3.3342	0.0864	-97.6%	0.2149	3.0157	0.2369	-92.1%	0.6053
X_3	0.5252	0.4830	-8.0%	0.4782	0.4455	0.4309	-3.3%	0.4343	0.5777	0.5219	-9.7%	0.5246	0.5072	0.5298	4.5%	0.5313
Scenario (2): $X_2 \sim Bernoulli(0.3)$, $M_{00} = 0.6$, and $M_{11} = 0.5$, $X_1 \sim Uniform(-0.5,0.5)$, $X_3 \sim Bernoulli(0.5)$																
C	0.9899	1.7690	78.7%	1.5304	0.9315	1.3138	41.0%	1.2014	1.0224	1.2067	18.0%	1.1554	0.9965	2.7844	179.4%	2.6327
X_1	2.0172	2.1480	6.5%	2.1389	1.8365	1.7155	-6.6%	1.7184	1.8298	1.6753	-8.4%	1.6732	1.9919	1.8323	-8.0%	1.8346
X_2	2.9850	0.3199	-89.3%	0.8643	3.2076	0.1757	-94.5%	0.4490	3.2239	0.0978	-97.2%	0.2316	3.0044	0.2021	-93.3%	0.5292
X_3	0.5307	0.5085	-4.2%	0.5115	0.5244	0.4865	-7.2%	0.4880	0.5059	0.4604	-9.0%	0.4599	0.4929	0.4638	-5.9%	0.4657
Scenario (2): $X_2 \sim Bernoulli(0.3)$, $M_{00} = 0.6$, and $M_{11} = 0.5$, $X_1 \sim Uniform(-1,1)$, $X_3 \sim Bernoulli(0.3)$																
C	1.0120	1.8187	79.7%	1.6482	1.0030	1.3417	33.8%	1.1744	0.9478	1.1815	24.7%	1.1347	0.9961	2.7792	179.0%	2.5250
X_1	1.9822	1.9597	-1.1%	1.9648	2.1075	1.8989	-9.9%	1.9138	1.8846	1.5313	-18.7%	1.5315	1.9997	1.9260	-3.7%	1.9155
X_2	3.0035	0.2398	-92.0%	0.6432	2.8908	0.2518	-91.3%	0.6495	3.0494	0.0599	-98.0%	0.1692	3.0030	0.3222	-89.3%	0.8654
X_3	0.4721	0.4699	-0.5%	0.4691	0.5592	0.4943	-11.6%	0.5050	0.5312	0.4100	-22.8%	0.4073	0.5029	0.5360	6.6%	0.5381
Scenario (2): $X_2 \sim Bernoulli(0.3)$, $M_{00} = 0.6$, and $M_{11} = 0.5$, $X_1 \sim Uniform(-1,1)$, $X_3 \sim Bernoulli(0.7)$																
C	0.9842	1.8781	90.8%	1.7461	0.9687	1.3306	37.4%	1.1680	1.0362	1.2423	19.9%	1.1685	1.0043	2.7680	175.6%	2.7140
X_1	2.0066	2.0283	1.1%	2.0314	2.0539	1.8430	-10.3%	1.8463	1.9074	1.6157	-15.3%	1.6208	2.0009	2.0685	3.4%	2.0681
X_2	3.0219	0.1864	-93.8%	0.4951	3.2226	0.2220	-93.1%	0.6164	2.9634	0.0831	-97.3%	0.2469	2.9898	0.0699	-97.7%	0.2087
X_3	0.5191	0.4191	-19.3%	0.4231	0.4762	0.4436	-6.8%	0.4406	0.3919	0.3306	-15.7%	0.3353	0.5010	0.5956	18.9%	0.5876
Scenario (2): $X_2 \sim Bernoulli(0.3)$, $M_{00} = 0.6$, and $M_{11} = 0.5$, $X_1 \sim Uniform(-1,1)$, $X_3 \sim Bernoulli(0.5)$																
C	1.0114	1.8121	79.2%	1.6162	0.9985	1.4094	41.2%	1.2665	1.0002	1.2314	23.1%	1.1926	0.9920	2.8743	189.8%	2.7126
X_1	2.0180	2.0475	1.5%	2.0478	2.0805	1.8630	-10.5%	1.8536	2.0459	1.7375	-15.1%	1.7368	1.9991	1.9698	-1.5%	1.9773
X_2	2.9759	0.2767	-90.7%	0.7294	3.2144	0.1971	-93.9%	0.5268	3.0085	0.0655	-97.8%	0.1586	3.0018	0.2015	-93.3%	0.5341
X_3	0.4839	0.4221	-12.8%	0.4211	0.5792	0.4532	-21.7%	0.4606	0.5236	0.4246	-18.9%	0.4205	0.5103	0.4509	-11.6%	0.4
Scenario (2): $X_2 \sim Bernoulli(0.3)$, $M_{00} = 0.6$, and $M_{11} = 0.5$, $X_1 \sim Uniform(-2,2)$, $X_3 \sim Bernoulli(0.3)$																
C	1.0079	1.8109	79.7%	1.6491	0.9994	1.3943	39.5%	1.2237	1.0883	1.1836	8.8%	1.0673	1.0031	2.7184	171.0%	2.5792
X_1	2.0090	2.0440	1.7%	2.0452	2.0507	1.6989	-17.2%	1.7127	2.0010	1.2489	-37.6%	1.2546	1.9979	2.0517	2.7%	2.0583
X_2	3.0043	0.2414	-92.0%	0.6250	2.9963	0.2626	-91.2%	0.6890	2.9842	0.1642	-94.5%	0.4416	2.9985	0.2034	-93.2%	0.5139
X_3	0.4998	0.4613	-7.7%	0.4523	0.5766	0.4399	-23.7%	0.4558	0.4243	0.2034	-52.1%	0.2103	0.5019	0.4565	-9.0%	0.4527
Scenario (2): $X_2 \sim Bernoulli(0.3)$, $M_{00} = 0.6$, and $M_{11} = 0.5$, $X_1 \sim Uniform(-2,2)$, $X_3 \sim Bernoulli(0.7)$																
C	0.9902	1.8149	83.3%	1.6697	1.1352	1.4857	30.9%	1.2847	1.0132	1.1437	12.9%	1.0246	1.0002	2.6701	167.0%	2.4796
X_1	1.9908	1.9829	-0.4%	1.9801	1.9058	1.6152	-15.2%	1.6339	1.9356	1.2603	-34.9%	1.2665	1.9985	2.1054	5.3%	2.0968
X_2	3.0184	0.2229	-92.6%	0.5845	2.7627	0.3123	-88.7%	0.8132	2.9415	0.1595	-94.6%	0.4497	3.0035	0.2619	-91.3%	0.6831
X_3	0.5012	0.4718	-5.9%	0.4633	0.3806	0.2936	-22.9%	0.2983	0.3916	0.2297	-41.3%	0.2329	0.4974	0.5116	2.9%	0.5017
Scenario (2): $X_2 \sim Bernoulli(0.3)$, $M_{00} = 0.6$, and $M_{11} = 0.5$, $X_1 \sim Uniform(-2,2)$, $X_3 \sim Bernoulli(0.5)$																
C	0.9953	1.8488	85.8%	1.6449	0.9964	1.4600	46.5%	1.4245	1.1396	1.2357	8.4%	1.1761	0.9950	2.7345	174.8%	2.5390
X_1	1.9991	2.0215	1.1%	2.0197	1.9320	1.5700	-18.7%	1.5695	2.0647	1.3232	-35.9%	1.3252	2.0008	2.0038	0.2%	2.0119
X_2	3.0053	0.2807	-90.7%	0.7438	2.8823	0.0379	-98.7%	0.1180	3.0125	0.0943	-96.9%	0.2375	3.0024	0.2622	-91.3%	0.6895
X_3	0.5054	0.3801	-24.8%	0.3937	0.5341	0.4004	-25.0%	0.3989	0.4181	0.2697	-35.5%	0.2714	0.5033	0.5984	18.9%	0.5897

15) X_2 follows $Bernoulli(0.5)$ and has misclassification with $M_{00} = 0.6$, and $M_{11} = 0.5$; X_1 follows uniform distribution with values in $[-0.5,0.5]$, $[-1,1]$, or $[-2,2]$; X_3 follows Bernoulli distribution with $Pr(X_3 = 1)$ equals 0.3, 0.5, or 0.7.

	OLS				Logit				Probit				Poisson			
	b	b'	%	b_{simex}	b	b'	%	b_{simex}	b	b'	%	b_{simex}	b	b'	%	b_{simex}
Scenario (3): $X_2 \sim Bernoulli(0.5)$, $M_{00} = 0.6$, and $M_{11} = 0.5$, $X_1 \sim Uniform(-0.5,0.5)$, $X_3 \sim Bernoulli(0.3)$																
C	0.9929	2.3837	140.1%	2.2049	1.0197	1.7819	74.8%	1.7763	1.0521	1.4029	33.3%	1.3152	0.9885	3.2626	230.0%	3.0909
X_1	1.9781	1.9683	-0.5%	1.9731	1.9836	1.7387	-12.3%	1.7388	2.0698	1.6579	-19.9%	1.6575	2.0047	2.0178	0.6%	2.0162
X_2	3.0171	0.2219	-92.6%	0.6138	2.9218	0.0219	-99.3%	0.0326	2.4498	0.1360	-94.4%	0.3515	3.0180	0.2121	-93.0%	0.5643
X_3	0.5088	0.6039	18.7%	0.6156	0.4731	0.4608	-2.6%	0.4598	0.4887	0.4269	-12.6%	0.4188	0.4935	0.4976	0.8%	0.5008
Scenario (3): $X_2 \sim Bernoulli(0.5)$, $M_{00} = 0.6$, and $M_{11} = 0.5$, $X_1 \sim Uniform(-0.5,0.5)$, $X_3 \sim Bernoulli(0.7)$																
C	0.9881	2.3963	142.5%	2.1807	1.1129	1.8089	62.5%	1.6659	1.0090	1.4105	39.8%	1.3455	1.0017	3.2883	228.3%	3.1769
X_1	1.9810	1.9091	-3.6%	1.9157	1.9375	1.7048	-12.0%	1.6979	2.0850	1.7157	-17.7%	1.7197	2.0082	1.9740	-1.7%	1.9721
X_2	3.0153	0.2883	-90.4%	0.7727	2.9735	0.2150	-92.8%	0.5545	2.3285	0.0901	-96.1%	0.2418	2.9933	0.1462	-95.1%	0.3841
X_3	0.5094	0.4835	-5.1%	0.4749	0.2577	0.2063	-20.0%	0.2021	0.5553	0.4360	-21.5%	0.4338	0.5037	0.4884	-3.0%	0.4833
Scenario (3): $X_2 \sim Bernoulli(0.5)$, $M_{00} = 0.6$, and $M_{11} = 0.5$, $X_1 \sim Uniform(-0.5,0.5)$, $X_3 \sim Bernoulli(0.5)$																
C	0.9965	2.4224	143.1%	2.2428	1.0222	1.7361	69.8%	1.5496	0.9406	1.3238	40.7%	1.2120	1.0186	3.2189	216.0%	3.0646
X_1	1.9747	1.9592	-0.8%	1.9585	2.0751	1.8660	-10.1%	1.8736	2.1333	1.7205	-19.4%	1.7303	2.0048	2.1874	9.1%	2.1749
X_2	2.9795	0.2264	-92.4%	0.6123	3.2037	0.2524	-92.1%	0.6980	2.6007	0.1362	-95.0%	0.3884	2.9776	0.1959	-93.4%	0.5177
X_3	0.5033	0.4530	-10.0%	0.4619	0.4887	0.4269	-12.7%	0.4291	0.6944	0.5522	-20.5%	0.5601	0.4998	0.5567	11.4%	0.5611
Scenario (3): $X_2 \sim Bernoulli(0.5)$, $M_{00} = 0.6$, and $M_{11} = 0.5$, $X_1 \sim Uniform(-1,1)$, $X_3 \sim Bernoulli(0.3)$																
C	1.0131	2.3821	135.1%	2.1674	0.9220	1.6489	78.8%	1.4740	1.0088	1.4211	40.9%	1.3520	1.0002	3.2667	226.6%	3.1080
X_1	1.9952	1.9436	-2.6%	1.9434	1.9041	1.6266	-14.6%	1.6226	2.0066	1.4450	-28.0%	1.4457	1.9994	2.0098	0.5%	2.0142
X_2	2.9905	0.2987	-90.0%	0.7874	2.9182	0.2517	-91.4%	0.6628	2.9408	0.0958	-96.7%	0.2513	2.9978	0.2018	-93.3%	0.5415
X_3	0.5103	0.4278	-16.2%	0.4149	0.6485	0.4808	-25.9%	0.4730	0.5426	0.3636	-33.0%	0.3687	0.4998	0.5418	8.4%	0.5339
Scenario (3): $X_2 \sim Bernoulli(0.5)$, $M_{00} = 0.6$, and $M_{11} = 0.5$, $X_1 \sim Uniform(-1,1)$, $X_3 \sim Bernoulli(0.7)$																
C	1.0042	2.3004	129.1%	2.0478	0.9246	1.7536	89.7%	1.6057	0.9083	1.3538	49.0%	1.3269	1.0010	3.3040	230.1%	3.1500
X_1	1.9832	2.0256	2.1%	2.0297	2.0442	1.6805	-17.8%	1.6942	2.0306	1.5183	-25.2%	1.5188	2.0017	1.9321	-3.5%	1.9296
X_2	3.0210	0.3313	-89.0%	0.8965	3.1383	0.1990	-93.7%	0.5460	2.9901	0.0257	-99.1%	0.0842	2.9991	0.1889	-93.7%	0.4904
X_3	0.4902	0.6005	22.5%	0.5974	0.4961	0.3234	-34.8%	0.3270	0.6082	0.4628	-23.9%	0.4625	0.4973	0.4754	-4.4%	0.4847
Scenario (3): $X_2 \sim Bernoulli(0.5)$, $M_{00} = 0.6$, and $M_{11} = 0.5$, $X_1 \sim Uniform(-1,1)$, $X_3 \sim Bernoulli(0.5)$																
C	0.9914	2.3655	138.6%	2.1686	1.0389	1.7345	67.0%	1.4952	0.9578	1.3717	43.2%	1.2747	1.0190	3.2493	218.9%	3.1102
X_1	2.0013	2.0145	0.7%	2.0163	1.8636	1.6040	-13.9%	1.6177	1.9228	1.4376	-25.2%	1.4436	1.9959	1.9995	0.2%	2.0086
X_2	3.0068	0.2686	-91.1%	0.7117	2.9582	0.3160	-89.3%	0.8767	3.0025	0.1453	-95.2%	0.3866	2.9829	0.1750	-94.1%	0.4703
X_3	0.5122	0.5312	3.7%	0.5382	0.3712	0.3067	-17.4%	0.3104	0.5358	0.3531	-34.1%	0.3483	0.5003	0.5622	12.4%	0.5672
Scenario (3): $X_2 \sim Bernoulli(0.5)$, $M_{00} = 0.6$, and $M_{11} = 0.5$, $X_1 \sim Uniform(-2,2)$, $X_3 \sim Bernoulli(0.3)$																
C	0.9773	2.3614	141.6%	2.1558	1.1049	1.8775	69.9%	1.7161	0.9949	1.2864	29.3%	1.1231	0.9966	3.3293	234.1%	3.1493
X_1	1.9998	2.0560	2.8%	2.0574	2.0068	1.5281	-23.9%	1.5334	2.0392	1.0677	-47.6%	1.0763	1.9996	1.9717	-1.4%	1.9684
X_2	3.0365	0.2659	-91.2%	0.7101	2.9798	0.2285	-92.3%	0.5947	3.1473	0.2339	-92.6%	0.6380	3.0043	0.2271	-92.4%	0.6140
X_3	0.5047	0.5080	0.7%	0.4991	0.3996	0.2260	-43.4%	0.2280	0.4405	0.1897	-56.9%	0.1853	0.5006	0.4240	-15.3%	0.4290
Scenario (3): $X_2 \sim Bernoulli(0.5)$, $M_{00} = 0.6$, and $M_{11} = 0.5$, $X_1 \sim Uniform(-2,2)$, $X_3 \sim Bernoulli(0.7)$																
C	0.9977	2.3306	133.6%	2.0934	0.8935	1.7070	91.1%	1.4661	1.0503	1.3854	31.9%	1.2988	1.0005	3.3127	231.1%	3.1659
X_1	1.9938	2.0016	0.4%	2.0014	1.9748	1.4642	-25.9%	1.4771	2.0382	1.1359	-44.3%	1.1376	2.0024	1.9719	-1.5%	1.9626
X_2	2.9854	0.3019	-89.9%	0.8031	3.0934	0.3586	-88.4%	0.9609	3.0018	0.1334	-95.6%	0.3479	2.9986	0.1929	-93.6%	0.5064
X_3	0.5134	0.5220	1.7%	0.5396	0.4986	0.3339	-33.0%	0.3340	0.4254	0.1677	-60.6%	0.1652	0.4966	0.5053	1.7%	0.5207
Scenario (3): $X_2 \sim Bernoulli(0.5)$, $M_{00} = 0.6$, and $M_{11} = 0.5$, $X_1 \sim Uniform(-2,2)$, $X_3 \sim Bernoulli(0.5)$																
C	0.9861	2.4170	145.1%	2.2718	1.0238	1.7561	71.5%	1.5188	1.0122	1.3873	37.1%	1.3124	1.0003	3.2508	225.0%	3.0931
X_1	2.0040	1.9866	-0.9%	1.9851	1.9909	1.5233	-23.5%	1.5315	2.0114	1.1647	-42.1%	1.1637	1.9999	2.0230	1.2%	2.0216
X_2	3.0057	0.2000	-93.3%	0.5230	3.0407	0.3090	-89.8%	0.8524	2.9534	0.1020	-96.5%	0.2809	3.0029	0.1999	-93.3%	0.5426
X_3	0.5115	0.4825	-5.7%	0.4772	0.3649	0.2830	-22.4%	0.2889	0.5512	0.2600	-52.8%	0.2523	0.4974	0.4518	-9.2%	0.4468

16) X_2 follows $Bernoulli(0.3)$ and has misclassification with $M_{00} = 0.8$, and $M_{11} = 0.8$; X_1 follows Bernoulli distribution with $Pr(X_1 = 1)$ equals 0.3, 0.5, or 0.7; X_3 follows normal distribution with standard deviation 0.5, 1, or 2.

	OLS				Logit				Probit				Poisson			
	b	b'	%	b_{simex}	b	b'	%	b_{simex}	b	b'	%	b_{simex}	b	b'	%	b_{simex}
Scenario (1): $X_2 \sim Bernoulli(0.3)$, $M_{00} = 0.8$, and $M_{11} = 0.8$, $X_1 \sim Bernoulli(0.3)$, $X_3 \sim N(0,0.5^2)$																
C	1.0047	1.2853	27.9%	1.0191	1.0108	1.1476	13.5%	1.0177	1.0171	1.0890	7.1%	1.0221	0.9908	2.0204	103.9%	1.4144
X_1	1.9948	2.0199	1.3%	2.0069	1.9734	1.9012	-3.7%	1.9240	1.8798	1.8024	-4.1%	1.8535	1.9993	2.0105	0.6%	1.9757
X_2	2.9896	1.5725	-47.4%	2.5241	3.0977	1.0125	-67.3%	1.7320	4.9821	0.4777	-90.4%	0.8039	3.0072	1.5770	-47.6%	2.5537
X_3	0.5075	0.5168	1.8%	0.4929	0.4353	0.3815	-12.4%	0.4031	0.5372	0.4856	-9.6%	0.4774	0.5067	0.4827	-4.7%	0.4828
Scenario (1): $X_2 \sim Bernoulli(0.3)$, $M_{00} = 0.8$, and $M_{11} = 0.8$, $X_1 \sim Bernoulli(0.3)$, $X_3 \sim N(0,1^2)$																
C	0.9788	1.2765	30.4%	1.0005	1.0154	1.1462	12.9%	1.0075	1.0241	1.0744	4.9%	1.0042	1.0002	2.0154	101.5%	1.4186
X_1	2.0072	2.0325	1.3%	2.0183	2.1205	2.0417	-3.7%	2.0813	1.8025	1.7025	-5.5%	1.7433	2.0006	2.0147	0.7%	2.0112
X_2	3.0136	1.5947	-47.1%	2.5592	2.5784	0.9757	-62.2%	1.6912	5.4040	0.6062	-88.8%	1.0353	3.0014	1.5583	-48.1%	2.5103
X_3	0.5054	0.4916	-2.7%	0.4899	0.5158	0.4820	-6.5%	0.5030	0.4771	0.4180	-12.4%	0.4302	0.5002	0.4514	-9.8%	0.4360
Scenario (1): $X_2 \sim Bernoulli(0.3)$, $M_{00} = 0.8$, and $M_{11} = 0.8$, $X_1 \sim Bernoulli(0.3)$, $X_3 \sim N(0,2^2)$																
C	1.0145	1.3340	31.5%	1.0568	1.0247	1.1295	10.2%	0.9794	0.9306	0.9741	4.7%	0.8993	0.9948	2.0489	106.0%	1.5239
X_1	2.0052	1.9454	-3.0%	1.9456	2.0997	2.0141	-4.1%	2.0640	1.8969	1.6607	-12.4%	1.7236	2.0007	2.0310	1.5%	1.9935
X_2	2.9999	1.5546	-48.2%	2.4922	3.1809	1.0846	-65.9%	1.8401	2.8297	0.6630	-76.6%	1.1344	3.0057	1.5236	-49.3%	2.4218
X_3	0.4960	0.4913	-0.9%	0.4922	0.4884	0.4471	-8.4%	0.4726	0.4770	0.3954	-17.1%	0.4183	0.4993	0.4723	-5.4%	0.4676
Scenario (1): $X_2 \sim Bernoulli(0.3)$, $M_{00} = 0.8$, and $M_{11} = 0.8$, $X_1 \sim Bernoulli(0.5)$, $X_3 \sim N(0,0.5^2)$																
C	1.0007	1.2735	27.3%	0.9951	0.9984	1.1307	13.2%	1.0267	1.0652	1.1310	6.2%	1.0651	0.9973	2.1105	111.6%	1.5292
X_1	2.0125	2.0387	1.3%	2.0333	1.9769	1.9284	-2.5%	1.9455	1.8254	1.7396	-4.7%	1.7690	1.9969	1.9779	-1.0%	2.0025
X_2	2.9808	1.6444	-44.8%	2.6073	2.7525	0.8487	-69.2%	1.3747	4.7471	0.4921	-89.6%	0.8380	3.0035	1.4944	-50.2%	2.4075
X_3	0.5065	0.4805	-5.1%	0.4827	0.6282	0.6084	-3.1%	0.6027	0.3429	0.3125	-8.9%	0.3152	0.5022	0.5496	9.4%	0.4917
Scenario (1): $X_2 \sim Bernoulli(0.3)$, $M_{00} = 0.8$, and $M_{11} = 0.8$, $X_1 \sim Bernoulli(0.5)$, $X_3 \sim N(0,1^2)$																
C	1.0006	1.2329	23.2%	0.9452	1.0391	1.1981	15.3%	1.0853	1.0421	1.1057	6.1%	1.0410	1.0077	2.0239	100.8%	1.3961
X_1	1.9931	2.0888	4.8%	2.1282	1.9456	1.8574	-4.5%	1.8919	1.8476	1.7091	-7.5%	1.7512	1.9872	1.9616	-1.3%	1.9867
X_2	2.9845	1.5753	-47.2%	2.5217	3.4716	0.9295	-73.2%	1.5260	5.5686	0.5754	-89.7%	0.9837	3.0014	1.5838	-47.2%	2.5529
X_3	0.4915	0.4937	0.5%	0.5051	0.5151	0.5309	3.1%	0.5393	0.5136	0.4619	-10.1%	0.4849	0.5019	0.4828	-3.8%	0.5090
Scenario (1): $X_2 \sim Bernoulli(0.3)$, $M_{00} = 0.8$, and $M_{11} = 0.8$, $X_1 \sim Bernoulli(0.5)$, $X_3 \sim N(0,2^2)$																
C	0.9810	1.2624	28.7%	0.9875	1.0245	1.1935	16.5%	1.0813	1.1253	1.1475	2.0%	1.0750	0.9984	2.1291	113.2%	1.5069
X_1	1.9968	2.0145	0.9%	2.0086	1.9431	1.8306	-5.8%	1.8599	2.0505	1.7909	-12.7%	1.8753	1.9996	1.9407	-2.9%	1.9970
X_2	3.0163	1.6260	-46.1%	2.6225	2.8906	0.8710	-69.9%	1.4608	2.8840	0.6693	-76.8%	1.1324	2.9981	1.5569	-48.1%	2.4930
X_3	0.5000	0.5075	1.5%	0.4901	0.4885	0.4394	-10.1%	0.4460	0.5579	0.4644	-16.8%	0.4908	0.5002	0.4689	-6.3%	0.4742
Scenario (1): $X_2 \sim Bernoulli(0.3)$, $M_{00} = 0.8$, and $M_{11} = 0.8$, $X_1 \sim Bernoulli(0.7)$, $X_3 \sim N(0,0.5^2)$																
C	0.9879	1.2512	26.7%	0.9647	0.9456	1.0732	13.5%	0.9624	0.9513	1.0099	6.2%	0.9284	0.9903	2.0522	107.2%	1.4613
X_1	2.0091	2.0734	3.2%	2.0918	2.1322	2.0831	-2.3%	2.1002	1.8484	1.7692	-4.3%	1.8175	2.0073	1.9782	-1.5%	1.9917
X_2	3.0180	1.5715	-47.9%	2.5149	2.9281	0.8818	-69.9%	1.4831	4.9611	0.5642	-88.6%	0.9902	3.0044	1.5435	-48.6%	2.4722
X_3	0.5093	0.5813	14.1%	0.6228	0.5410	0.5463	1.0%	0.5478	0.4473	0.4110	-8.1%	0.3999	0.4992	0.4366	-12.6%	0.4629
Scenario (1): $X_2 \sim Bernoulli(0.3)$, $M_{00} = 0.8$, and $M_{11} = 0.8$, $X_1 \sim Bernoulli(0.7)$, $X_3 \sim N(0,1^2)$																
C	0.9950	1.2448	25.1%	0.9775	1.0108	1.1264	11.4%	0.9770	1.0149	1.0390	2.4%	0.9590	1.0119	2.0584	103.4%	1.4913
X_1	1.9936	2.0335	2.0%	2.0262	1.9049	1.8248	-4.2%	1.8529	2.0570	1.9793	-3.8%	2.0924	2.0012	2.0428	2.1%	2.0545
X_2	3.0208	1.6352	-45.9%	2.6384	2.9894	1.1345	-62.0%	1.9887	5.3765	0.6641	-87.6%	1.1238	2.9898	1.4757	-50.6%	2.3639
X_3	0.4998	0.5055	1.1%	0.4972	0.5551	0.5306	-4.4%	0.5510	0.4653	0.4188	-10.0%	0.4554	0.4968	0.4720	-5.0%	0.4842
Scenario (1): $X_2 \sim Bernoulli(0.3)$, $M_{00} = 0.8$, and $M_{11} = 0.8$, $X_1 \sim Bernoulli(0.7)$, $X_3 \sim N(0,2^2)$																
C	0.9914	1.3224	33.4%	1.0546	0.8995	0.9979	10.9%	0.8131	0.8517	0.9133	7.2%	0.8282	0.9995	1.9874	98.8%	1.4033
X_1	2.0081	1.9499	-2.9%	1.9193	1.9243	1.8150	-5.7%	1.8710	2.1856	1.8850	-13.8%	1.9380	2.0030	1.9955	-0.4%	1.9031
X_2	2.9918	1.5768	-47.3%	2.5124	3.0846	1.2675	-58.9%	2.2581	6.4808	0.6540	-89.9%	1.1273	2.9983	1.6549	-44.8%	2.6683
X_3	0.4976	0.4914	-1.3%	0.4894	0.4994	0.4843	-3.0%	0.5062	0.4695	0.3857	-17.8%	0.3994	0.4999	0.4732	-5.3%	0.4691

17) X_2 follows $Bernoulli(0.3)$ and has misclassification with $M_{00} = 0.6$, and $M_{11} = 0.5$; X_1 follows Bernoulli distribution with $Pr(X_1 = 1)$ equals 0.3, 0.5, or 0.7; X_3 follows normal distribution with standard deviation 0.5, 1, or 2.

	OLS				Logit				Probit				Poisson			
	b	b'	%	b_{simex}	b	b'	%	b_{simex}	b	b'	%	b_{simex}	b	b'	%	b_{simex}
Scenario (2): $X_2 \sim Bernoulli(0.3)$, $M_{00} = 0.6$, and $M_{11} = 0.5$, $X_1 \sim Bernoulli(0.3)$, $X_3 \sim N(0,0.5^2)$																
C	1.0133	1.8172	79.3%	1.6605	1.0838	1.4626	34.9%	1.4094	1.0296	1.2050	17.0%	1.1303	1.0054	2.7726	175.8%	2.6030
X_1	1.9909	1.9769	-0.7%	1.9738	1.7407	1.6695	-4.1%	1.6696	1.9815	1.8531	-6.5%	1.8691	2.0042	1.9986	-0.3%	2.0060
X_2	2.9660	0.2280	-92.3%	0.6072	2.5646	0.0607	-97.6%	0.1833	2.9565	0.1145	-96.3%	0.2976	2.9900	0.2264	-92.4%	0.5931
X_3	0.4947	0.4827	-2.4%	0.4916	0.4643	0.4194	-9.7%	0.4213	0.5008	0.4651	-7.1%	0.4662	0.4937	0.5841	18.3%	0.5968
Scenario (2): $X_2 \sim Bernoulli(0.3)$, $M_{00} = 0.6$, and $M_{11} = 0.5$, $X_1 \sim Bernoulli(0.3)$, $X_3 \sim N(0,1^2)$																
C	0.9768	1.7512	79.3%	1.5507	0.9751	1.3007	33.4%	1.1156	0.9632	1.1558	20.0%	1.1013	1.0051	2.7879	177.4%	2.5590
X_1	2.0113	1.9616	-2.5%	1.9532	2.1090	1.9866	-5.8%	1.9941	2.5554	2.3417	-8.4%	2.3526	1.9897	1.9740	-0.8%	1.9857
X_2	3.0019	0.2814	-90.6%	0.7544	2.8754	0.2751	-90.4%	0.7241	3.4332	0.0944	-97.4%	0.2200	3.0017	0.2807	-90.6%	0.7690
X_3	0.5030	0.5095	1.3%	0.5052	0.4891	0.4256	-13.0%	0.4239	0.5134	0.4498	-12.4%	0.4508	0.5011	0.4581	-8.6%	0.4592
Scenario (2): $X_2 \sim Bernoulli(0.3)$, $M_{00} = 0.6$, and $M_{11} = 0.5$, $X_1 \sim Bernoulli(0.3)$, $X_3 \sim N(0,2^2)$																
C	0.9888	1.8069	82.7%	1.6533	0.9902	1.3582	37.2%	1.1781	0.9619	1.1599	20.6%	1.0979	0.9995	2.7090	171.0%	2.5000
X_1	1.9800	2.0214	2.1%	2.0176	1.7289	1.6022	-7.3%	1.6118	2.0077	1.6817	-16.2%	1.6746	1.9986	2.0508	2.6%	2.0415
X_2	3.0071	0.2187	-92.7%	0.5795	3.2873	0.2476	-92.5%	0.6852	2.9679	0.0779	-97.4%	0.2266	3.0013	0.2585	-91.4%	0.7060
X_3	0.5028	0.4927	-2.0%	0.4924	0.4991	0.4417	-11.5%	0.4432	0.4770	0.3852	-19.2%	0.3869	0.5003	0.5259	5.1%	0.5308
Scenario (2): $X_2 \sim Bernoulli(0.3)$, $M_{00} = 0.6$, and $M_{11} = 0.5$, $X_1 \sim Bernoulli(0.5)$, $X_3 \sim N(0,0.5^2)$																
C	0.9938	1.7998	81.1%	1.6159	0.9920	1.3705	38.2%	1.2660	1.0212	1.2686	24.2%	1.3086	1.0015	2.8574	185.3%	2.6713
X_1	2.0031	1.9974	-0.3%	1.9976	2.0096	1.9038	-5.3%	1.9079	1.7469	1.6074	-8.0%	1.6029	1.9975	1.9595	-1.9%	1.9551
X_2	2.9980	0.2580	-91.4%	0.6776	2.9861	0.1380	-95.4%	0.3892	2.9331	-0.0528	-101.7%	-0.1481	3.0005	0.2361	-92.1%	0.6402
X_3	0.4945	0.4488	-9.2%	0.4487	0.4197	0.3700	-11.8%	0.3668	0.5576	0.4864	-12.8%	0.4865	0.5012	0.4810	-4.0%	0.4943
Scenario (2): $X_2 \sim Bernoulli(0.3)$, $M_{00} = 0.6$, and $M_{11} = 0.5$, $X_1 \sim Bernoulli(0.5)$, $X_3 \sim N(0,1^2)$																
C	1.0184	1.8018	76.9%	1.6377	0.9353	1.3571	45.1%	1.2809	1.0190	1.2438	22.1%	1.1931	1.0117	2.8039	177.2%	2.6568
X_1	1.9822	2.0379	2.8%	2.0296	2.2835	2.1669	-5.1%	2.1642	2.1058	1.8820	-10.6%	1.8815	1.9937	1.9580	-1.8%	1.9508
X_2	3.0207	0.2315	-92.3%	0.6198	3.6956	0.0979	-97.4%	0.2795	2.4731	0.0510	-97.9%	0.1681	2.9945	0.1939	-93.5%	0.5133
X_3	0.5022	0.5206	3.7%	0.5279	0.4910	0.4462	-9.1%	0.4450	0.5082	0.4289	-15.6%	0.4285	0.4975	0.5160	3.7%	0.5136
Scenario (2): $X_2 \sim Bernoulli(0.3)$, $M_{00} = 0.6$, and $M_{11} = 0.5$, $X_1 \sim Bernoulli(0.5)$, $X_3 \sim N(0,2^2)$																
C	1.0142	1.8320	80.6%	1.6681	0.9490	1.3356	40.7%	1.1520	0.9789	1.1876	21.3%	1.1206	0.9852	2.7573	179.9%	2.5186
X_1	1.9730	1.9374	-1.8%	1.9328	2.1087	1.8891	-10.4%	1.9041	1.9659	1.6771	-14.7%	1.6831	2.0053	2.0299	1.2%	2.0329
X_2	3.0182	0.2381	-92.1%	0.6285	3.1968	0.2540	-92.1%	0.6674	3.1715	0.0907	-97.1%	0.2497	3.0112	0.2702	-91.0%	0.7610
X_3	0.5025	0.5112	1.7%	0.5120	0.5634	0.4968	-11.8%	0.5009	0.4968	0.3983	-19.8%	0.3987	0.4993	0.5318	6.5%	0.5326
Scenario (2): $X_2 \sim Bernoulli(0.3)$, $M_{00} = 0.6$, and $M_{11} = 0.5$, $X_1 \sim Bernoulli(0.7)$, $X_3 \sim N(0,0.5^2)$																
C	0.9917	1.7397	75.4%	1.5790	0.9236	1.3091	41.7%	1.2758	1.0254	1.2772	24.6%	1.3017	1.0018	2.8050	180.0%	2.6537
X_1	2.0101	2.0295	1.0%	2.0189	1.9717	1.9219	-2.5%	1.9208	1.8539	1.7155	-7.5%	1.7189	1.9988	2.0220	1.2%	2.0213
X_2	3.0157	0.2450	-91.9%	0.6395	2.4920	0.0270	-98.9%	0.1003	3.0012	-0.0461	-101.3%	-0.1082	3.0003	0.1909	-93.6%	0.5147
X_3	0.5254	0.4870	-7.3%	0.4876	0.5735	0.4887	-14.8%	0.4890	0.5761	0.5020	-12.9%	0.5025	0.5038	0.4613	-8.4%	0.4708
Scenario (2): $X_2 \sim Bernoulli(0.3)$, $M_{00} = 0.6$, and $M_{11} = 0.5$, $X_1 \sim Bernoulli(0.7)$, $X_3 \sim N(0,1^2)$																
C	1.0166	1.7811	75.2%	1.5905	1.0494	1.4554	38.7%	1.3825	0.9633	1.1598	20.4%	1.0903	0.9991	2.7996	180.2%	2.6032
X_1	1.9876	2.0274	2.0%	2.0329	1.8352	1.6990	-7.4%	1.6958	2.3337	2.1369	-8.4%	2.1299	2.0030	1.9706	-1.6%	1.9650
X_2	3.0166	0.2646	-91.2%	0.7006	2.7670	0.1125	-95.9%	0.2902	3.3847	0.1183	-96.7%	0.3028	2.9974	0.2570	-91.4%	0.6807
X_3	0.4977	0.4940	-0.7%	0.4911	0.5127	0.4621	-9.9%	0.4616	0.5251	0.4676	-11.0%	0.466	0.4983	0.4734	-5.0%	0.4720
Scenario (2): $X_2 \sim Bernoulli(0.3)$, $M_{00} = 0.6$, and $M_{11} = 0.5$, $X_1 \sim Bernoulli(0.7)$, $X_3 \sim N(0,2^2)$																
C	0.9973	1.8388	84.4%	1.6716	0.9895	1.4109	42.6%	1.3373	0.9207	1.1509	25.0%	1.0790	1.0104	2.7519	172.4%	2.5207
X_1	2.0087	1.9301	-3.9%	1.9285	2.1141	1.9830	-6.2%	1.9785	1.8845	1.5778	-16.3%	1.5736	1.9941	2.0099	0.8%	2.0187
X_2	3.0033	0.2391	-92.0%	0.6384	2.7060	0.0650	-97.6%	0.2326	3.3522	0.0808	-97.6%	0.2468	2.9945	0.2814	-90.6%	0.7668
X_3	0.4982	0.5005	0.5%	0.4991	0.5186	0.4843	-6.6%	0.4839	0.4665	0.3834	-17.8%	0.3820	0.4997	0.5045	0.9%	0.4982

18) X_2 follows $Bernoulli(0.5)$ and has misclassification with $M_{00} = 0.6$, and $M_{11} = 0.5$; X_1 follows Bernoulli distribution with $Pr(X_1 = 1)$ equals 0.3, 0.5, or 0.7; X_3 follows normal distribution with standard deviation 0.5, 1, or 2.

	OLS				Logit				Probit				Poisson			
	b	b'	%	b_{simex}	b	b'	%	b_{simex}	b	b'	%	b_{simex}	b	b'	%	b_{simex}
Scenario (3): $X_2 \sim Bernoulli(0.5)$, $M_{00} = 0.6$, and $M_{11} = 0.5$, $X_1 \sim Bernoulli(0.3)$, $X_3 \sim N(0,0.5^2)$																
C	0.9990	2.3921	139.5%	2.1872	1.1325	1.8009	59.0%	1.6720	1.0606	1.3969	31.7%	1.2746	0.9921	3.2984	232.5%	3.1873
X_1	1.9947	1.9887	-0.3%	1.9888	2.0763	1.9975	-3.8%	1.9995	1.8927	1.6696	-11.8%	1.6752	1.9953	1.9716	-1.2%	1.9633
X_2	3.0053	0.2708	-91.0%	0.7295	2.9694	0.1843	-93.8%	0.4835	3.1854	0.1644	-95.0%	0.4404	3.0101	0.1426	-95.3%	0.3884
X_3	0.5075	0.4771	-6.0%	0.4636	0.4612	0.4402	-4.6%	0.4437	0.6259	0.4965	-20.7%	0.4957	0.4998	0.4318	-13.6%	0.4284
Scenario (3): $X_2 \sim Bernoulli(0.5)$, $M_{00} = 0.6$, and $M_{11} = 0.5$, $X_1 \sim Bernoulli(0.3)$, $X_3 \sim N(0,1^2)$																
C	0.9956	2.3938	140.4%	2.2136	0.9600	1.6574	72.7%	1.5766	0.9596	1.3365	39.3%	1.2590	1.0023	3.2450	223.8%	3.1015
X_1	2.0069	1.9554	-2.6%	1.9530	1.9095	1.8197	-4.7%	1.8169	2.0778	1.7944	-13.6%	1.7824	2.0084	1.9888	-1.0%	1.9799
X_2	2.9750	0.2420	-91.9%	0.6446	2.5873	0.1308	-94.9%	0.3106	3.4817	0.0995	-97.4%	0.2715	2.9923	0.1928	-93.6%	0.5019
X_3	0.5056	0.5309	5.0%	0.5335	0.4386	0.3882	-11.5%	0.3890	0.4244	0.3492	-17.7%	0.3482	0.4968	0.5092	2.5%	0.5022
Scenario (3): $X_2 \sim Bernoulli(0.5)$, $M_{00} = 0.6$, and $M_{11} = 0.5$, $X_1 \sim Bernoulli(0.3)$, $X_3 \sim N(0,2^2)$																
C	1.0121	2.3552	132.7%	2.1066	0.9994	1.7351	73.6%	1.5303	1.0197	1.4013	37.4%	1.3301	1.0013	3.1996	219.6%	3.0208
X_1	2.0050	2.0997	4.7%	2.1006	1.9639	1.6568	-15.6%	1.6605	2.2327	1.6747	-25.0%	1.6810	2.0042	2.0428	1.9%	2.0457
X_2	3.0046	0.3291	-89.0%	0.8743	3.0117	0.2901	-90.4%	0.7650	3.2787	0.1049	-96.8%	0.2651	2.9941	0.2057	-93.1%	0.5630
X_3	0.4960	0.5102	2.9%	0.5117	0.4800	0.4043	-15.8%	0.4051	0.5305	0.3830	-27.8%	0.3827	0.5001	0.5413	8.2%	0.5437
Scenario (3): $X_2 \sim Bernoulli(0.5)$, $M_{00} = 0.6$, and $M_{11} = 0.5$, $X_1 \sim Bernoulli(0.5)$, $X_3 \sim N(0,0.5^2)$																
C	0.9847	2.3527	138.9%	2.1044	1.0247	1.7182	67.7%	1.5266	0.9534	1.2863	34.9%	1.1439	1.0033	3.2691	225.8%	3.1127
X_1	2.0126	1.9713	-2.1%	1.9753	1.9877	1.8397	-7.4%	1.8349	1.8684	1.6675	-10.8%	1.6864	1.9966	1.9780	-0.9%	1.9821
X_2	3.0202	0.3326	-89.0%	0.8882	3.2154	0.2805	-91.3%	0.7370	3.1631	0.1802	-94.3%	0.5053	2.9980	0.1942	-93.5%	0.5180
X_3	0.5064	0.5293	4.5%	0.5252	0.4907	0.4223	-14.0%	0.4247	0.5600	0.4606	-17.8%	0.4628	0.4963	0.4616	-7.0%	0.4701
Scenario (3): $X_2 \sim Bernoulli(0.5)$, $M_{00} = 0.6$, and $M_{11} = 0.5$, $X_1 \sim Bernoulli(0.5)$, $X_3 \sim N(0,1^2)$																
C	0.9982	2.4251	143.0%	2.1778	1.0623	1.8203	71.4%	1.8496	1.0070	1.4378	42.8%	1.4515	0.9988	3.2919	229.6%	3.1692
X_1	1.9927	1.8824	-5.5%	1.8736	1.8572	1.7831	-4.0%	1.7826	2.2402	1.9145	-14.5%	1.9114	2.0030	1.9872	-0.8%	1.9813
X_2	2.9962	0.3207	-89.3%	0.8628	2.6149	-0.0403	-101.5%	-0.1088	5.8379	-0.0018	-100.0%	-0.0373	2.9996	0.1663	-94.5%	0.4296
X_3	0.4916	0.5129	4.3%	0.5181	0.3863	0.3117	-19.3%	0.3109	0.5676	0.4549	-19.9%	0.4543	0.4990	0.5057	1.3%	0.5095
Scenario (3): $X_2 \sim Bernoulli(0.5)$, $M_{00} = 0.6$, and $M_{11} = 0.5$, $X_1 \sim Bernoulli(0.5)$, $X_3 \sim N(0,2^2)$																
C	0.9790	2.3719	142.3%	2.1562	0.9981	1.7457	74.9%	1.6467	1.0609	1.4119	33.1%	1.2864	0.9810	3.3139	237.8%	3.2728
X_1	1.9973	1.9051	-4.6%	1.9077	2.1923	1.9577	-10.7%	1.9618	1.8652	1.3645	-26.8%	1.3820	2.0080	2.0007	-0.4%	2.0021
X_2	3.0134	0.2886	-90.4%	0.7730	2.8000	0.1320	-95.3%	0.3522	3.0025	0.2089	-93.0%	0.5235	3.0112	0.0609	-98.0%	0.1546
X_3	0.5002	0.4763	-4.8%	0.4750	0.5351	0.4603	-14.0%	0.4608	0.4964	0.3426	-31.0%	0.3463	0.5012	0.5016	0.1%	0.5004
Scenario (3): $X_2 \sim Bernoulli(0.5)$, $M_{00} = 0.6$, and $M_{11} = 0.5$, $X_1 \sim Bernoulli(0.7)$, $X_3 \sim N(0,0.5^2)$																
C	1.0065	2.4210	140.5%	2.1554	0.8864	1.6461	85.7%	1.4817	1.0602	1.3467	27.0%	1.1662	0.9964	3.2695	228.1%	3.1216
X_1	2.0086	1.9143	-4.7%	1.9185	2.1753	1.9694	-9.5%	1.9824	2.1403	1.9459	-9.1%	1.9848	2.0053	2.0062	0.0%	2.0083
X_2	2.9746	0.3540	-88.1%	0.9464	2.9575	0.2365	-92.0%	0.6123	3.0909	0.2488	-92.2%	0.6965	2.9957	0.1832	-93.9%	0.4856
X_3	0.5090	0.4490	-11.8%	0.4541	0.5308	0.4005	-24.6%	0.4158	0.5468	0.4840	-11.5%	0.5086	0.4972	0.5419	9.0%	0.5352
Scenario (3): $X_2 \sim Bernoulli(0.5)$, $M_{00} = 0.6$, and $M_{11} = 0.5$, $X_1 \sim Bernoulli(0.7)$, $X_3 \sim N(0,1^2)$																
C	1.0074	2.4538	143.6%	2.2458	0.9541	1.6838	76.5%	1.5118	1.0232	1.4159	38.4%	1.3682	1.0069	3.2909	226.8%	3.1562
X_1	1.9936	1.9133	-4.0%	1.9043	1.9644	1.7896	-8.9%	1.8047	2.0105	1.7130	-14.8%	1.7122	1.9922	1.9669	-1.3%	1.9674
X_2	2.9876	0.3027	-89.9%	0.7994	2.9658	0.2410	-91.9%	0.6283	2.8228	0.0627	-97.9%	0.1709	3.0005	0.1820	-93.9%	0.4648
X_3	0.4998	0.4878	-2.4%	0.4920	0.5312	0.4544	-14.5%	0.4594	0.4709	0.3539	-24.8%	0.3534	0.5010	0.5166	3.1%	0.5148
Scenario (3): $X_2 \sim Bernoulli(0.5)$, $M_{00} = 0.6$, and $M_{11} = 0.5$, $X_1 \sim Bernoulli(0.7)$, $X_3 \sim N(0,2^2)$																
C	0.9874	2.3311	136.1%	2.1588	0.9784	1.7639	80.3%	1.6064	0.9772	1.3955	42.8%	1.3020	0.9905	3.2760	230.7%	3.1935
X_1	2.0081	2.0495	2.1%	2.0521	1.7924	1.5674	-12.6%	1.5742	2.2613	1.7444	-22.9%	1.7547	2.0025	2.0182	0.8%	2.0251
X_2	3.0032	0.2166	-92.8%	0.5792	3.1735	0.2152	-93.2%	0.5785	2.5797	0.1174	-95.4%	0.3208	3.0075	0.1089	-96.4%	0.2789
X_3	0.4976	0.5097	2.4%	0.5093	0.4605	0.4016	-12.8%	0.4010	0.5255	0.4024	-23.4%	0.4038	0.4995	0.4967	-0.6%	0.4983