Mostly Harmless Simulations? On the Internal Validity of Empirical Monte Carlo Studies Web Appendix*

Arun Advani† and Tymon Słoczyński‡

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†University College London and Institute for Fiscal Studies.

‡Brandeis University and IZA. Correspondence: Department of Economics & International Business School, Brandeis University, MS 021, 415 South Street, Waltham, MA 02453. E-mail: tslocz@brandeis.edu.

1 Codebook for the Sets of Nonexperimental Estimates

Table 1: Codebook for the Sets of Nonexperimental Estimates

	Comparison group	Outcome variable	Version of NSW data	Control variables	Subset of NSW data
Set #1	CPS	re78	DW	balanced	control
Set #2	CPS	re78	DW	balanced	treated
Set #3	CPS	re78	DW	simple	control
Set #4	CPS	re78	DW	simple	treated
Set #5	CPS	re78	ST	balanced	control
Set #6	CPS	re78	ST	balanced	treated
Set #7	CPS	re78	ST	simple	control
Set #8	CPS	re78	ST	simple	treated
Set #9	CPS	u78	DW	balanced	control
Set #10	CPS	u78	DW	balanced	treated
Set #11	CPS	u78	DW	simple	control
Set #12	CPS	u78	DW	simple	treated
Set #13	CPS	u78	ST	balanced	control
Set #14	CPS	u78	ST	balanced	treated
Set #15	CPS	u78	ST	simple	control
Set #16	CPS	u78	ST	simple	treated
Set #17	PSID	re78	DW	balanced	control
Set #18	PSID	re78	DW	balanced	treated
Set #19	PSID	re78	DW	simple	control
Set #20	PSID	re78	DW	simple	treated
Set #21	PSID	re78	ST	balanced	control
Set #22	PSID	re78	ST	balanced	treated
Set #23	PSID	re78	ST	simple	control
Set #24	PSID	re78	ST	simple	treated
Set #25	PSID	u78	DW	balanced	control
Set #26	PSID	u78	DW	balanced	treated
Set #27	PSID	u78	DW	simple	control
Set #28	PSID	u78	DW	simple	treated
Set #29	PSID	u78	ST	balanced	control
Set #30	PSID	u78	ST	balanced	treated
Set #31	PSID	u78	ST	simple	control
Set #32	PSID	u78	ST	simple	treated

Note: This codebook provides abbreviations for thirty-two sets of nonexperimental estimates that we refer to in the paper. "DW" refers to the Dehejia and Wahba (1999) version of the NSW data. "ST" refers to the Smith and Todd (2005) version of the NSW data. "Simple" and "balanced" sets of control variables are explained in detail in the text of the paper. "Subset of NSW data" refers to whether we compare the treatment or the control group from the NSW experiment with the nonexperimental comparison groups, CPS-1 and PSID-1.

2 Codebook for the Simulation Studies

Table 2: Codebook for the Simulation Studies (Placebo Design)

	Design	Comparison group	Outcome variable	Version of NSW data	Control variables	Subset of NSW data	Set of estimates
Simulation #1	placebo	CPS	re78	DW	balanced	control	Set #1
Simulation #2	placebo	CPS	re78	DW	balanced	treated	Set #2
Simulation #3	placebo	CPS	re78	DW	simple	control	Set #3
Simulation #4	placebo	CPS	re78	DW	simple	treated	Set #4
Simulation #5	placebo	CPS	re78	ST	balanced	control	Set #5
Simulation #6	placebo	CPS	re78	ST	balanced	treated	Set #6
Simulation #7	placebo	CPS	re78	ST	simple	control	Set #7
Simulation #8	placebo	CPS	re78	ST	simple	treated	Set #8
Simulation #9	placebo	CPS	u78	DW	balanced	control	Set #9
Simulation #10	placebo	CPS	u78	DW	balanced	treated	Set #10
Simulation #11	placebo	CPS	u78	DW	simple	control	Set #11
Simulation #12	placebo	CPS	u78	DW	simple	treated	Set #12
Simulation #13	placebo	CPS	u78	ST	balanced	control	Set #13
Simulation #14	placebo	CPS	u78	ST	balanced	treated	Set #14
Simulation #15	placebo	CPS	u78	ST	simple	control	Set #15
Simulation #16	placebo	CPS	u78	ST	simple	treated	Set #16
Simulation #17	placebo	PSID	re78	DW	balanced	control	Set #17
Simulation #18	placebo	PSID	re78	DW	balanced	treated	Set #18
Simulation #19	placebo	PSID	re78	DW	simple	control	Set #19
Simulation #20	placebo	PSID	re78	DW	simple	treated	Set #20
Simulation #21	placebo	PSID	re78	ST	balanced	control	Set #21
Simulation #22	placebo	PSID	re78	ST	balanced	treated	Set #22
Simulation #23	placebo	PSID	re78	ST	simple	control	Set #23
Simulation #24	placebo	PSID	re78	ST	simple	treated	Set #24
Simulation #25	placebo	PSID	u78	DW	balanced	control	Set #25
Simulation #26	placebo	PSID	u78	DW	balanced	treated	Set #26
Simulation #27	placebo	PSID	u78	DW	simple	control	Set #27
Simulation #28	placebo	PSID	u78	DW	simple	treated	Set #28
Simulation #29	placebo	PSID	u78	ST	balanced	control	Set #29
Simulation #30	placebo	PSID	u78	ST	balanced	treated	Set #30
Simulation #31	placebo	PSID	u78	ST	simple	control	Set #31
Simulation #32	placebo	PSID	u78	ST	simple	treated	Set #32

Note: This codebook provides abbreviations for thirty-two placebo-design simulations that we refer to in the paper. "DW" refers to the Dehejia and Wahba (1999) version of the NSW data. "ST" refers to the Smith and Todd (2005) version of the NSW data. "Simple" and "balanced" sets of control variables are explained in detail in the text of the paper. "Subset of NSW data" refers to whether we compare the treatment or the control group from the NSW experiment with the nonexperimental comparison groups, CPS-1 and PSID-1. "Set of estimates" refers to the set of nonexperimental estimates, using its code from Table 1, with which we compare the results of a given simulation study.

Table 3: Codebook for the Simulation Studies (Structured Design)

	Design	Comparison group	Outcome variable	Version of NSW data	Control variables	Subset of NSW data	Set of estimates
Simulation #33	structured	CPS	re78	DW	balanced	control	Set #1
Simulation #34	structured	CPS	re78	DW	balanced	treated	Set #2
Simulation #35	structured	CPS	re78	DW	simple	control	Set #3
Simulation #36	structured	CPS	re78	DW	simple	treated	Set #4
Simulation #37	structured	CPS	re78	ST	balanced	control	Set #5
Simulation #38	structured	CPS	re78	ST	balanced	treated	Set #6
Simulation #39	structured	CPS	re78	ST	simple	control	Set #7
Simulation #40	structured	CPS	re78	ST	simple	treated	Set #8
Simulation #41	structured	CPS	u78	DW	balanced	control	Set #9
Simulation #42	structured	CPS	u78	DW	balanced	treated	Set #10
Simulation #43	structured	CPS	u78	DW	simple	control	Set #11
Simulation #44	structured	CPS	u78	DW	simple	treated	Set #12
Simulation #45	structured	CPS	u78	ST	balanced	control	Set #13
Simulation #46	structured	CPS	u78	ST	balanced	treated	Set #14
Simulation #47	structured	CPS	u78	ST	simple	control	Set #15
Simulation #48	structured	CPS	u78	ST	simple	treated	Set #16
Simulation #49	structured	PSID	re78	DW	balanced	control	Set #17
Simulation #50	structured	PSID	re78	DW	balanced	treated	Set #18
Simulation #51	structured	PSID	re78	DW	simple	control	Set #19
Simulation #52	structured	PSID	re78	DW	simple	treated	Set #20
Simulation #53	structured	PSID	re78	ST	balanced	control	Set #21
Simulation #54	structured	PSID	re78	ST	balanced	treated	Set #22
Simulation #55	structured	PSID	re78	ST	simple	control	Set #23
Simulation #56	structured	PSID	re78	ST	simple	treated	Set #24
Simulation #57	structured	PSID	u78	DW	balanced	control	Set #25
Simulation #58	structured	PSID	u78	DW	balanced	treated	Set #26
Simulation #59	structured	PSID	u78	DW	simple	control	Set #27
Simulation #60	structured	PSID	u78	DW	simple	treated	Set #28
Simulation #61	structured	PSID	u78	ST	balanced	control	Set #29
Simulation #62	structured	PSID	u78	ST	balanced	treated	Set #30
Simulation #63	structured	PSID	u78	ST	simple	control	Set #31
Simulation #64	structured	PSID	u78	ST	simple	treated	Set #32

Note: This codebook provides abbreviations for thirty-two structured-design simulations that we refer to in the paper. "DW" refers to the Dehejia and Wahba (1999) version of the NSW data. "ST" refers to the Smith and Todd (2005) version of the NSW data. "Simple" and "balanced" sets of control variables are explained in detail in the text of the paper. "Subset of NSW data" refers to whether we compare the treatment or the control group from the NSW experiment with the nonexperimental comparison groups, CPS-1 and PSID-1. "Set of estimates" refers to the set of nonexperimental estimates, using its code from Table 1, with which we compare the results of a given simulation study.

3 Summary Statistics for the Simulated Data

Table 4: Summary Statistics for Simulation #1

	Control		Treated	
	Mean	SD	Mean	SD
re78	14,999	9,616	5,584	6,455
age	33.35	11.04	25.40	8.153
educ	12.05	2.875	10.38	1.951
married	0.719	0.449	0.223	0.416
black	0.0621	0.241	0.775	0.417
u74	0.113	0.316	0.545	0.498
u75	0.103	0.305	0.471	0.499
re74	14,194	9,524	3,283	5,382
re75	13,840	9,215	2,149	3,634

Note: The summary statistics in this table are calculated using all the simulated samples across 500 replications. There is a total of 127,500 treated units and 7,868,500 control units in these samples, or an average of 255 treated units and 15,737 control units per sample. The proportion of treated units is 1.6%.

Table 5: Summary Statistics for Simulation #2

	Control		Treated	
	Mean	SD	Mean	SD
re78	14,953	9,623	5,241	6,243
age	33.31	11.04	25.20	7.973
educ	12.05	2.873	10.33	1.892
married	0.717	0.450	0.195	0.396
black	0.0649	0.246	0.824	0.381
u74	0.114	0.318	0.587	0.492
u75	0.105	0.306	0.505	0.500
re74	14,139	9,533	2,933	5,141
re75	13,783	9,228	1,852	3,337

Note: The summary statistics in this table are calculated using all the simulated samples across 500 replications. There is a total of 91,000 treated units and 7,905,000 control units in these samples, or an average of 182 treated units and 15,810 control units per sample. The proportion of treated units is 1.2%.

Table 6: Summary Statistics for Simulation #3

	Control		Treated	
	Mean	SD	Mean	SD
re78	15,010	9,606	4,783	6,164
age	33.34	11.01	25.99	10.82
educ	12.06	2.859	10.25	2.985
married	0.720	0.449	0.206	0.404
black	0.0605	0.238	0.874	0.332
u74	0.112	0.315	0.607	0.489
u75	0.102	0.303	0.549	0.498
re74	14,206	9,512	2,287	4,647
re75	13,849	9,205	1,390	2,795

Note: The summary statistics in this table are calculated using all the simulated samples across 500 replications. There is a total of 127,500 treated units and 7,868,500 control units in these samples, or an average of 255 treated units and 15,737 control units per sample. The proportion of treated units is 1.6%.

Table 7: Summary Statistics for Simulation #4

	Control		Treated	
	Mean	SD	Mean	SD
re78	14,966	9,615	4,426	5,914
age	33.31	11.02	25.78	10.86
educ	12.05	2.863	10.12	2.953
married	0.718	0.450	0.184	0.388
black	0.0638	0.244	0.914	0.280
u74	0.114	0.317	0.666	0.472
u75	0.104	0.305	0.582	0.493
re74	14,154	9,523	1,878	4,268
re75	13,794	9,220	1,121	2,431

Note: The summary statistics in this table are calculated using all the simulated samples across 500 replications. There is a total of 91,000 treated units and 7,905,000 control units in these samples, or an average of 182 treated units and 15,810 control units per sample. The proportion of treated units is 1.2%.

Table 8: Summary Statistics for Simulation #5

	Control		Treated	
	Mean	SD	Mean	SD
re78	14,920	9,634	6,051	6,503
age	33.29	11.05	25.12	6.718
educ	12.04	2.875	10.42	1.628
married	0.716	0.451	0.194	0.396
black	0.0666	0.249	0.864	0.343
u74	0.117	0.321	0.445	0.497
u75	0.107	0.309	0.356	0.479
re74	14,103	9,550	4,029	5,649
re75	13,747	9,244	2,568	3,711

Note: The summary statistics in this table are calculated using all the simulated samples across 500 replications. There is a total of 70,000 treated units and 7,926,000 control units in these samples, or an average of 140 treated units and 15,852 control units per sample. The proportion of treated units is 0.9%.

Table 9: Summary Statistics for Simulation #6

	Control		Treated	
	Mean	SD	Mean	SD
re78	14,909	9,637	5,857	6,361
age	33.28	11.05	25.15	6.486
educ	12.04	2.873	10.39	1.586
married	0.716	0.451	0.177	0.381
black	0.0679	0.252	0.883	0.321
u74	0.117	0.322	0.464	0.499
u75	0.108	0.310	0.373	0.484
re74	14,089	9,553	3,899	5,583
re75	13,728	9,251	2,401	3,555

Note: The summary statistics in this table are calculated using all the simulated samples across 500 replications. There is a total of 53,500 treated units and 7,942,500 control units in these samples, or an average of 107 treated units and 15,885 control units per sample. The proportion of treated units is 0.7%.

Table 10: Summary Statistics for Simulation #7

	Control		Treated	
	Mean	SD	Mean	SD
re78	14,935	9,628	4,954	6,085
age	33.31	11.02	24.67	10.14
educ	12.04	2.867	10.15	2.800
married	0.717	0.451	0.132	0.338
black	0.0658	0.248	0.969	0.173
u74	0.116	0.320	0.564	0.496
u75	0.107	0.308	0.435	0.496
re74	14,121	9,540	2,509	4,780
re75	13,762	9,236	1,514	2,666

Note: The summary statistics in this table are calculated using all the simulated samples across 500 replications. There is a total of 70,000 treated units and 7,926,000 control units in these samples, or an average of 140 treated units and 15,852 control units per sample. The proportion of treated units is 0.9%.

Table 11: Summary Statistics for Simulation #8

	Control		Treated	
	Mean	SD	Mean	SD
re78	14,919	9,630	4,780	5,884
age	33.29	11.02	24.17	10.02
educ	12.04	2.866	10.04	2.746
married	0.716	0.451	0.115	0.319
black	0.0674	0.251	0.975	0.155
u74	0.116	0.320	0.604	0.489
u75	0.107	0.309	0.448	0.497
re74	14,104	9,545	2,268	4,611
re75	13,741	9,242	1,381	2,505

Note: The summary statistics in this table are calculated using all the simulated samples across 500 replications. There is a total of 53,500 treated units and 7,942,500 control units in these samples, or an average of 107 treated units and 15,885 control units per sample. The proportion of treated units is 0.7%.

Table 12: Summary Statistics for Simulation #9

	Control		Treated	
	Mean	SD	Mean	SD
u78	0.134	0.340	0.295	0.456
age	33.35	11.04	25.40	8.154
educ	12.05	2.875	10.37	1.947
married	0.720	0.449	0.225	0.417
black	0.0621	0.241	0.777	0.416
u74	0.113	0.316	0.545	0.498
u75	0.104	0.305	0.470	0.499
re74	14,192	9,523	3,270	5,358
re75	13,838	9,217	2,152	3,635

Note: The summary statistics in this table are calculated using all the simulated samples across 500 replications. There is a total of 127,500 treated units and 7,868,500 control units in these samples, or an average of 255 treated units and 15,737 control units per sample. The proportion of treated units is 1.6%.

Table 13: Summary Statistics for Simulation #10

	Control		Treated	
	Mean	SD	Mean	SD
u78	0.134	0.341	0.304	0.460
age	33.32	11.04	25.18	7.956
educ	12.05	2.874	10.34	1.898
married	0.718	0.450	0.195	0.396
black	0.0649	0.246	0.828	0.378
u74	0.114	0.318	0.589	0.492
u75	0.105	0.306	0.508	0.500
re74	14,150	9,531	2,918	5,136
re75	13,791	9,228	1,839	3,346

Note: The summary statistics in this table are calculated using all the simulated samples across 500 replications. There is a total of 91,000 treated units and 7,905,000 control units in these samples, or an average of 182 treated units and 15,810 control units per sample. The proportion of treated units is 1.2%.

Table 14: Summary Statistics for Simulation #11

	Control		Treated	
	Mean	SD	Mean	SD
u78	0.133	0.339	0.340	0.474
age	33.34	11.01	25.97	10.83
educ	12.06	2.861	10.23	2.979
married	0.720	0.449	0.208	0.406
black	0.0606	0.239	0.874	0.331
u74	0.112	0.315	0.607	0.488
u75	0.102	0.303	0.550	0.498
re74	14,202	9,513	2,272	4,612
re75	13,844	9,206	1,393	2,812

Note: The summary statistics in this table are calculated using all the simulated samples across 500 replications. There is a total of 127,500 treated units and 7,868,500 control units in these samples, or an average of 255 treated units and 15,737 control units per sample. The proportion of treated units is 1.6%.

Table 15: Summary Statistics for Simulation #12

	Control		Treated	
	Mean	SD	Mean	SD
u78	0.133	0.340	0.351	0.477
age	33.32	11.02	25.73	10.81
educ	12.05	2.863	10.15	2.940
married	0.718	0.450	0.185	0.388
black	0.0637	0.244	0.918	0.275
u74	0.113	0.317	0.666	0.472
u75	0.104	0.305	0.583	0.493
re74	14,162	9,524	1,892	4,291
re75	13,800	9,220	1,118	2,432

Note: The summary statistics in this table are calculated using all the simulated samples across 500 replications. There is a total of 91,000 treated units and 7,905,000 control units in these samples, or an average of 182 treated units and 15,810 control units per sample. The proportion of treated units is 1.2%.

Table 16: Summary Statistics for Simulation #13

	Control		Treated	
	Mean	SD	Mean	SD
u78	0.135	0.342	0.246	0.431
age	33.29	11.05	25.09	6.699
educ	12.04	2.876	10.42	1.619
married	0.716	0.451	0.192	0.394
black	0.0666	0.249	0.863	0.344
u74	0.117	0.321	0.446	0.497
u75	0.107	0.309	0.357	0.479
re74	14,101	9,551	3,998	5,618
re75	13,747	9,244	2,550	3,689

Note: The summary statistics in this table are calculated using all the simulated samples across 500 replications. There is a total of 70,000 treated units and 7,926,000 control units in these samples, or an average of 140 treated units and 15,852 control units per sample. The proportion of treated units is 0.9%.

Table 17: Summary Statistics for Simulation #14

	Control		Treated	
	Mean	SD	Mean	SD
u78	0.135	0.342	0.254	0.435
age	33.28	11.05	25.17	6.465
educ	12.04	2.874	10.40	1.590
married	0.716	0.451	0.177	0.382
black	0.0680	0.252	0.884	0.320
u74	0.117	0.322	0.466	0.499
u75	0.107	0.310	0.370	0.483
re74	14,092	9,553	3,877	5,573
re75	13,733	9,251	2,408	3,539

Note: The summary statistics in this table are calculated using all the simulated samples across 500 replications. There is a total of 53,500 treated units and 7,942,500 control units in these samples, or an average of 107 treated units and 15,885 control units per sample. The proportion of treated units is 0.7%.

Table 18: Summary Statistics for Simulation #15

	Control		Treated	
	Mean	SD	Mean	SD
u78	0.135	0.341	0.291	0.454
age	33.30	11.02	24.74	10.19
educ	12.04	2.865	10.13	2.804
married	0.717	0.451	0.134	0.341
black	0.0657	0.248	0.969	0.173
u74	0.116	0.320	0.561	0.496
u75	0.106	0.308	0.436	0.496
re74	14,118	9,538	2,561	4,831
re75	13,757	9,236	1,543	2,722

Note: The summary statistics in this table are calculated using all the simulated samples across 500 replications. There is a total of 70,000 treated units and 7,926,000 control units in these samples, or an average of 140 treated units and 15,852 control units per sample. The proportion of treated units is 0.9%.

Table 19: Summary Statistics for Simulation #16

	Control		Treated	
	Mean	SD	Mean	SD
u78	0.135	0.342	0.294	0.456
age	33.29	11.03	24.13	9.945
educ	12.04	2.866	10.04	2.737
married	0.716	0.451	0.116	0.320
black	0.0675	0.251	0.974	0.158
u74	0.116	0.321	0.601	0.490
u75	0.107	0.309	0.444	0.497
re74	14,097	9,545	2,305	4,674
re75	13,736	9,243	1,390	2,514

Note: The summary statistics in this table are calculated using all the simulated samples across 500 replications. There is a total of 53,500 treated units and 7,942,500 control units in these samples, or an average of 107 treated units and 15,885 control units per sample. The proportion of treated units is 0.7%.

Table 20: Summary Statistics for Simulation #17

	Control		Treated	
	Mean	SD	Mean	SD
re78	22,904	15,331	8,525	10,808
age	35.40	10.43	29.47	8.857
educ	12.28	3.111	10.52	2.214
married	0.900	0.300	0.542	0.498
black	0.207	0.405	0.665	0.472
u74	0.0629	0.243	0.310	0.462
u75	0.0762	0.265	0.328	0.469
re74	20,735	13,161	6,906	8,178
re75	20,552	13,304	4,777	5,696

Note: The summary statistics in this table are calculated using all the simulated samples across 2,000 replications. There is a total of 470,000 treated units and 4,510,000 control units in these samples, or an average of 235 treated units and 2,255 control units per sample. The proportion of treated units is 10.4%.

Table 21: Summary Statistics for Simulation #18

	Control		Treated	
	Mean	SD	Mean	SD
re78	22,547	15,360	8,167	11,222
age	35.29	10.42	28.98	8.709
educ	12.24	3.106	10.46	2.145
married	0.895	0.307	0.483	0.500
black	0.217	0.413	0.695	0.461
u74	0.0689	0.253	0.323	0.468
u75	0.0824	0.275	0.337	0.473
re74	20,393	13,222	6,320	7,558
re75	20,159	13,374	4,280	5,083

Note: The summary statistics in this table are calculated using all the simulated samples across 2,000 replications. There is a total of 344,000 treated units and 4,636,000 control units in these samples, or an average of 172 treated units and 2,318 control units per sample. The proportion of treated units is 7.4%.

Table 22: Summary Statistics for Simulation #19

	Control		Treated	
	Mean	SD	Mean	SD
re78	22,970	15,302	7,869	10,237
age	35.43	10.34	29.22	9.690
educ	12.27	3.057	10.68	2.940
married	0.903	0.295	0.510	0.500
black	0.210	0.407	0.644	0.479
u74	0.0584	0.234	0.353	0.478
u75	0.0722	0.259	0.366	0.482
re74	20,841	13,133	5,879	6,661
re75	20,616	13,273	4,167	4,544

Note: The summary statistics in this table are calculated using all the simulated samples across 2,000 replications. There is a total of 470,000 treated units and 4,510,000 control units in these samples, or an average of 235 treated units and 2,255 control units per sample. The proportion of treated units is 10.4%.

Table 23: Summary Statistics for Simulation #20

	Control		Treated	
	Mean	SD	Mean	SD
re78	22,597	15,367	7,435	10,026
age	35.31	10.35	28.75	9.695
educ	12.23	3.061	10.57	2.949
married	0.898	0.303	0.446	0.497
black	0.218	0.413	0.684	0.465
u74	0.0655	0.247	0.370	0.483
u75	0.0801	0.271	0.368	0.482
re74	20,460	13,184	5,378	6,429
re75	20,190	13,348	3,793	4,196

Note: The summary statistics in this table are calculated using all the simulated samples across 2,000 replications. There is a total of 344,000 treated units and 4,636,000 control units in these samples, or an average of 172 treated units and 2,318 control units per sample. The proportion of treated units is 7.4%.

Table 24: Summary Statistics for Simulation #21

	Control		Treated	
	Mean	SD	Mean	SD
re78	22,275	15,437	8,728	11,244
age	35.27	10.42	27.31	7.413
educ	12.21	3.117	10.59	1.747
married	0.891	0.312	0.436	0.496
black	0.223	0.416	0.739	0.439
u74	0.0773	0.267	0.243	0.429
u75	0.0910	0.288	0.256	0.437
re74	20,141	13,310	6,909	7,539
re75	19,889	13,467	4,565	4,724

Note: The summary statistics in this table are calculated using all the simulated samples across 2,000 replications. There is a total of 268,000 treated units and 4,712,000 control units in these samples, or an average of 134 treated units and 2,356 control units per sample. The proportion of treated units is 5.7%.

Table 25: Summary Statistics for Simulation #22

	Control		Treated	
	Mean	SD	Mean	SD
re78	22,117	15,449	8,399	11,226
age	35.20	10.42	26.79	7.151
educ	12.18	3.111	10.59	1.692
married	0.888	0.316	0.370	0.483
black	0.228	0.420	0.765	0.424
u74	0.0794	0.270	0.251	0.433
u75	0.0931	0.291	0.259	0.438
re74	19,977	13,313	6,468	7,205
re75	19,699	13,475	4,209	4,362

Note: The summary statistics in this table are calculated using all the simulated samples across 2,000 replications. There is a total of 206,000 treated units and 4,774,000 control units in these samples, or an average of 103 treated units and 2,387 control units per sample. The proportion of treated units is 4.3%.

Table 26: Summary Statistics for Simulation #23

	Control		Treated	
	Mean	SD	Mean	SD
re78	22,334	15,455	7,667	9,223
age	35.27	10.35	27.39	8.978
educ	12.21	3.069	10.55	2.863
married	0.895	0.306	0.358	0.479
black	0.223	0.416	0.732	0.443
u74	0.0740	0.262	0.301	0.459
u75	0.0892	0.285	0.288	0.453
re74	20,205	13,277	5,752	6,340
re75	19,916	13,441	4,028	4,008

Note: The summary statistics in this table are calculated using all the simulated samples across 2,000 replications. There is a total of 268,000 treated units and 4,712,000 control units in these samples, or an average of 134 treated units and 2,356 control units per sample. The proportion of treated units is 5.7%.

Table 27: Summary Statistics for Simulation #24

	Control		Treated	
	Mean	SD	Mean	SD
re78	22,169	15,483	7,276	8,547
age	35.20	10.37	26.90	8.776
educ	12.18	3.074	10.51	2.821
married	0.891	0.312	0.292	0.455
black	0.228	0.420	0.759	0.428
u74	0.0768	0.266	0.312	0.463
u75	0.0920	0.289	0.286	0.452
re74	20,026	13,290	5,396	6,191
re75	19,721	13,465	3,771	3,758

Note: The summary statistics in this table are calculated using all the simulated samples across 2,000 replications. There is a total of 206,000 treated units and 4,774,000 control units in these samples, or an average of 103 treated units and 2,387 control units per sample. The proportion of treated units is 4.3%.

Table 28: Summary Statistics for Simulation #25

	Control		Treated	
	Mean	SD	Mean	SD
u78	0.0954	0.294	0.301	0.459
age	35.40	10.43	29.48	8.858
educ	12.28	3.111	10.52	2.215
married	0.900	0.300	0.543	0.498
black	0.207	0.405	0.665	0.472
u74	0.0629	0.243	0.309	0.462
u75	0.0762	0.265	0.328	0.469
re74	20,734	13,162	6,911	8,194
re75	20,550	13,302	4,777	5,700

Note: The summary statistics in this table are calculated using all the simulated samples across 2,000 replications. There is a total of 470,000 treated units and 4,510,000 control units in these samples, or an average of 235 treated units and 2,255 control units per sample. The proportion of treated units is 10.4%.

Table 29: Summary Statistics for Simulation #26

	Control		Treated	
	Mean	SD	Mean	SD
u78	0.100	0.301	0.308	0.462
age	35.29	10.42	28.97	8.708
educ	12.24	3.106	10.46	2.143
married	0.895	0.307	0.482	0.500
black	0.217	0.412	0.695	0.460
u74	0.0689	0.253	0.323	0.468
u75	0.0824	0.275	0.337	0.473
re74	20,393	13,222	6,319	7,527
re75	20,158	13,375	4,281	5,072

Note: The summary statistics in this table are calculated using all the simulated samples across 2,000 replications. There is a total of 344,000 treated units and 4,636,000 control units in these samples, or an average of 172 treated units and 2,318 control units per sample. The proportion of treated units is 7.4%.

Table 30: Summary Statistics for Simulation #27

	Control		Treated	
	Mean	SD	Mean	SD
u78	0.0924	0.290	0.330	0.470
age	35.43	10.34	29.22	9.689
educ	12.27	3.056	10.68	2.941
married	0.903	0.295	0.510	0.500
black	0.210	0.407	0.644	0.479
u74	0.0584	0.235	0.353	0.478
u75	0.0723	0.259	0.366	0.482
re74	20,841	13,134	5,881	6,662
re75	20,614	13,272	4,167	4,544

Note: The summary statistics in this table are calculated using all the simulated samples across 2,000 replications. There is a total of 469,999 treated units and 4,510,001 control units in these samples, or an average of 235 treated units and 2,255 control units per sample. The proportion of treated units is 10.4%.

Table 31: Summary Statistics for Simulation #28

	Control		Treated	
	Mean	SD	Mean	SD
u78	0.0987	0.298	0.332	0.471
age	35.30	10.35	28.74	9.681
educ	12.23	3.061	10.58	2.956
married	0.897	0.303	0.445	0.497
black	0.218	0.413	0.685	0.465
u74	0.0656	0.248	0.369	0.483
u75	0.0802	0.272	0.368	0.482
re74	20,466	13,206	5,394	6,450
re75	20,195	13,361	3,799	4,204

Note: The summary statistics in this table are calculated using all the simulated samples across 2,000 replications. There is a total of 344,000 treated units and 4,636,000 control units in these samples, or an average of 172 treated units and 2,318 control units per sample. The proportion of treated units is 7.4%.

Table 32: Summary Statistics for Simulation #29

	Control		Treated	
	Mean	SD	Mean	SD
u78	0.107	0.309	0.253	0.435
age	35.27	10.42	27.31	7.415
educ	12.21	3.118	10.59	1.747
married	0.891	0.312	0.435	0.496
black	0.223	0.416	0.738	0.440
u74	0.0774	0.267	0.243	0.429
u75	0.0911	0.288	0.257	0.437
re74	20,140	13,308	6,902	7,543
re75	19,886	13,463	4,561	4,708

Note: The summary statistics in this table are calculated using all the simulated samples across 2,000 replications. There is a total of 268,000 treated units and 4,712,000 control units in these samples, or an average of 134 treated units and 2,356 control units per sample. The proportion of treated units is 5.7%.

Table 33: Summary Statistics for Simulation #30

	Control		Treated	
	Mean	SD	Mean	SD
u78	0.109	0.311	0.254	0.435
age	35.20	10.42	26.80	7.150
educ	12.18	3.111	10.59	1.692
married	0.888	0.316	0.370	0.483
black	0.228	0.420	0.766	0.423
u74	0.0794	0.270	0.250	0.433
u75	0.0932	0.291	0.258	0.437
re74	19,978	13,314	6,467	7,202
re75	19,699	13,476	4,211	4,326

Note: The summary statistics in this table are calculated using all the simulated samples across 2,000 replications. There is a total of 206,000 treated units and 4,774,000 control units in these samples, or an average of 103 treated units and 2,387 control units per sample. The proportion of treated units is 4.3%.

Table 34: Summary Statistics for Simulation #31

	Control		Treated	
	Mean	SD	Mean	SD
u78	0.106	0.307	0.279	0.448
age	35.27	10.35	27.39	8.981
educ	12.21	3.069	10.55	2.861
married	0.895	0.306	0.359	0.480
black	0.223	0.416	0.732	0.443
u74	0.0740	0.262	0.301	0.459
u75	0.0892	0.285	0.288	0.453
re74	20,204	13,274	5,759	6,345
re75	19,916	13,441	4,031	4,008

Note: The summary statistics in this table are calculated using all the simulated samples across 2,000 replications. There is a total of 268,000 treated units and 4,712,000 control units in these samples, or an average of 134 treated units and 2,356 control units per sample. The proportion of treated units is 5.7%.

Table 35: Summary Statistics for Simulation #32

	Control		Treated	
	Mean	SD	Mean	SD
u78	0.108	0.310	0.276	0.447
age	35.19	10.37	26.88	8.769
educ	12.19	3.075	10.52	2.825
married	0.891	0.312	0.293	0.455
black	0.228	0.420	0.760	0.427
u74	0.0767	0.266	0.312	0.463
u75	0.0920	0.289	0.286	0.452
re74	20,033	13,305	5,391	6,196
re75	19,725	13,476	3,764	3,761

Note: The summary statistics in this table are calculated using all the simulated samples across 2,000 replications. There is a total of 206,000 treated units and 4,774,000 control units in these samples, or an average of 103 treated units and 2,387 control units per sample. The proportion of treated units is 4.3%.

Table 36: Summary Statistics for Simulation #33

	Control		Treated	
	Mean	SD	Mean	SD
re78	13,447	8,100	6,379	7,395
age	32.12	10.15	26.57	8.507
educ	12.17	3.272	9.688	2.387
married	0.670	0.470	0.180	0.384
black	0.0776	0.268	0.831	0.375
u74	0.120	0.325	0.751	0.433
u75	0.109	0.312	0.686	0.464
re74	12,014	9,295	2,075	5,742
re75	11,808	8,984	1,299	3,442

Note: The summary statistics in this table are calculated using all the simulated samples across 500 replications. There is a total of 130,000 treated units and 7,996,000 control units in these samples, or 260 treated units and 15,992 control units per sample. The proportion of treated units is 1.6%.

Table 37: Summary Statistics for Simulation #34

	Control		Treated	
	Mean	SD	Mean	SD
re78	13,449	8,111	9,603	9,716
age	32.11	10.15	27.00	8.515
educ	12.17	3.272	10.23	2.761
married	0.670	0.470	0.208	0.406
black	0.0776	0.268	0.844	0.363
u74	0.120	0.325	0.707	0.455
u75	0.109	0.312	0.599	0.490
re74	12,014	9,293	2,133	5,324
re75	11,809	8,983	1,622	3,742

Note: The summary statistics in this table are calculated using all the simulated samples across 500 replications. There is a total of 92,500 treated units and 7,996,000 control units in these samples, or 185 treated units and 15,992 control units per sample. The proportion of treated units is 1.2%.

Table 38: Summary Statistics for Simulation #35

	Control		Treated	
	Mean	SD	Mean	SD
re78	13,412	8,043	6,504	7,028
age	32.12	10.15	26.57	8.507
educ	12.17	3.272	9.688	2.387
married	0.670	0.470	0.180	0.384
black	0.0776	0.268	0.831	0.375
u74	0.120	0.325	0.751	0.433
u75	0.109	0.312	0.686	0.464
re74	12,014	9,295	2,075	5,742
re75	11,808	8,984	1,299	3,442

Note: The summary statistics in this table are calculated using all the simulated samples across 500 replications. There is a total of 130,000 treated units and 7,996,000 control units in these samples, or 260 treated units and 15,992 control units per sample. The proportion of treated units is 1.6%.

Table 39: Summary Statistics for Simulation #36

	Control		Treated	
	Mean	SD	Mean	SD
re78	13,414	8,054	7,588	7,083
age	32.11	10.15	27.00	8.515
educ	12.17	3.272	10.23	2.761
married	0.670	0.470	0.208	0.406
black	0.0776	0.268	0.844	0.363
u74	0.120	0.325	0.707	0.455
u75	0.109	0.312	0.599	0.490
re74	12,014	9,293	2,133	5,324
re75	11,809	8,983	1,622	3,742

Note: The summary statistics in this table are calculated using all the simulated samples across 500 replications. There is a total of 92,500 treated units and 7,996,000 control units in these samples, or 185 treated units and 15,992 control units per sample. The proportion of treated units is 1.2%.

Table 40: Summary Statistics for Simulation #37

	Control		Treated	
	Mean	SD	Mean	SD
re78	13,442	8,104	6,895	7,944
age	32.12	10.16	27.33	8.917
educ	12.17	3.274	9.915	2.330
married	0.670	0.470	0.218	0.413
black	0.0779	0.268	0.821	0.383
u74	0.119	0.324	0.542	0.498
u75	0.109	0.312	0.470	0.499
re74	12,016	9,292	3,827	7,394
re75	11,804	8,982	2,335	4,382

Note: The summary statistics in this table are calculated using all the simulated samples across 500 replications. There is a total of 71,000 treated units and 7,996,000 control units in these samples, or 142 treated units and 15,992 control units per sample. The proportion of treated units is 0.9%.

Table 41: Summary Statistics for Simulation #38

	Control		Treated	
	Mean	SD	Mean	SD
re78	13,446	8,111	11,993	12,567
age	32.11	10.16	26.74	8.438
educ	12.18	3.273	10.20	2.449
married	0.670	0.470	0.238	0.426
black	0.0777	0.268	0.827	0.378
u74	0.120	0.325	0.498	0.500
u75	0.109	0.312	0.325	0.468
re74	12,020	9,293	3,608	6,499
re75	11,808	8,982	2,766	4,577

Note: The summary statistics in this table are calculated using all the simulated samples across 500 replications. There is a total of 54,000 treated units and 7,996,000 control units in these samples, or 108 treated units and 15,992 control units per sample. The proportion of treated units is 0.7%.

Table 42: Summary Statistics for Simulation #39

	Control		Treated	
	Mean	SD	Mean	SD
re78	13,406	8,048	6,544	7,064
age	32.12	10.16	27.33	8.917
educ	12.17	3.274	9.915	2.330
married	0.670	0.470	0.218	0.413
black	0.0779	0.268	0.821	0.383
u74	0.119	0.324	0.542	0.498
u75	0.109	0.312	0.470	0.499
re74	12,016	9,292	3,827	7,394
re75	11,804	8,982	2,335	4,382

Note: The summary statistics in this table are calculated using all the simulated samples across 500 replications. There is a total of 71,000 treated units and 7,996,000 control units in these samples, or 142 treated units and 15,992 control units per sample. The proportion of treated units is 0.9%.

Table 43: Summary Statistics for Simulation #40

	Control		Treated	
	Mean	SD	Mean	SD
re78	13,410	8,054	8,303	7,516
age	32.11	10.16	26.74	8.438
educ	12.18	3.273	10.20	2.449
married	0.670	0.470	0.238	0.426
black	0.0777	0.268	0.827	0.378
u74	0.120	0.325	0.498	0.500
u75	0.109	0.312	0.325	0.468
re74	12,020	9,293	3,608	6,499
re75	11,808	8,982	2,766	4,577

Note: The summary statistics in this table are calculated using all the simulated samples across 500 replications. There is a total of 54,000 treated units and 7,996,000 control units in these samples, or 108 treated units and 15,992 control units per sample. The proportion of treated units is 0.7%.

Table 44: Summary Statistics for Simulation #41

	Control		Treated	
	Mean	SD	Mean	SD
u78	0.148	0.355	0.379	0.485
age	32.11	10.15	26.57	8.502
educ	12.17	3.273	9.694	2.386
married	0.670	0.470	0.180	0.384
black	0.0778	0.268	0.830	0.375
u74	0.120	0.324	0.751	0.432
u75	0.109	0.312	0.685	0.464
re74	12,019	9,293	2,097	5,812
re75	11,808	8,983	1,296	3,432

Note: The summary statistics in this table are calculated using all the simulated samples across 500 replications. There is a total of 130,000 treated units and 7,996,000 control units in these samples, or 260 treated units and 15,992 control units per sample. The proportion of treated units is 1.6%.

Table 45: Summary Statistics for Simulation #42

	Control		Treated	
	Mean	SD	Mean	SD
u78	0.148	0.355	0.206	0.404
age	32.11	10.16	27.05	8.546
educ	12.17	3.274	10.21	2.769
married	0.670	0.470	0.214	0.410
black	0.0776	0.268	0.842	0.364
u74	0.119	0.324	0.710	0.454
u75	0.109	0.312	0.604	0.489
re74	12,020	9,293	2,132	5,315
re75	11,807	8,983	1,622	3,779

Note: The summary statistics in this table are calculated using all the simulated samples across 500 replications. There is a total of 92,500 treated units and 7,996,000 control units in these samples, or 185 treated units and 15,992 control units per sample. The proportion of treated units is 1.2%.

Table 46: Summary Statistics for Simulation #43

	Control		Treated	
	Mean	SD	Mean	SD
u78	0.145	0.352	0.357	0.479
age	32.11	10.15	26.57	8.502
educ	12.17	3.273	9.694	2.386
married	0.670	0.470	0.180	0.384
black	0.0778	0.268	0.830	0.375
u74	0.120	0.324	0.751	0.432
u75	0.109	0.312	0.685	0.464
re74	12,019	9,293	2,097	5,812
re75	11,808	8,983	1,296	3,432

Note: The summary statistics in this table are calculated using all the simulated samples across 500 replications. There is a total of 130,000 treated units and 7,996,000 control units in these samples, or 260 treated units and 15,992 control units per sample. The proportion of treated units is 1.6%.

Table 47: Summary Statistics for Simulation #44

	Control		Treated	
	Mean	SD	Mean	SD
u78	0.145	0.352	0.240	0.427
age	32.11	10.16	27.05	8.546
educ	12.17	3.274	10.21	2.769
married	0.670	0.470	0.214	0.410
black	0.0776	0.268	0.842	0.364
u74	0.119	0.324	0.710	0.454
u75	0.109	0.312	0.604	0.489
re74	12,020	9,293	2,132	5,315
re75	11,807	8,983	1,622	3,779

Note: The summary statistics in this table are calculated using all the simulated samples across 500 replications. There is a total of 92,500 treated units and 7,996,000 control units in these samples, or 185 treated units and 15,992 control units per sample. The proportion of treated units is 1.2%.

Table 48: Summary Statistics for Simulation #45

	Control		Treated	
	Mean	SD	Mean	SD
u78	0.148	0.355	0.392	0.488
age	32.11	10.17	27.32	8.895
educ	12.17	3.272	9.919	2.330
married	0.669	0.470	0.219	0.413
black	0.0777	0.268	0.821	0.383
u74	0.120	0.324	0.542	0.498
u75	0.109	0.312	0.471	0.499
re74	12,019	9,294	3,858	7,458
re75	11,812	8,983	2,373	4,447

Note: The summary statistics in this table are calculated using all the simulated samples across 500 replications. There is a total of 71,000 treated units and 7,996,000 control units in these samples, or 142 treated units and 15,992 control units per sample. The proportion of treated units is 0.9%.

Table 49: Summary Statistics for Simulation #46

	Control		Treated	
	Mean	SD	Mean	SD
u78	0.149	0.356	0.180	0.384
age	32.11	10.16	26.70	8.453
educ	12.18	3.274	10.21	2.449
married	0.670	0.470	0.231	0.421
black	0.0777	0.268	0.828	0.378
u74	0.120	0.325	0.499	0.500
u75	0.109	0.312	0.325	0.468
re74	12,010	9,292	3,646	6,541
re75	11,804	8,981	2,751	4,580

Note: The summary statistics in this table are calculated using all the simulated samples across 500 replications. There is a total of 54,000 treated units and 7,996,000 control units in these samples, or 108 treated units and 15,992 control units per sample. The proportion of treated units is 0.7%.

Table 50: Summary Statistics for Simulation #47

	Control		Treated	
	Mean	SD	Mean	SD
u78	0.145	0.352	0.386	0.487
age	32.11	10.17	27.32	8.895
educ	12.17	3.272	9.919	2.330
married	0.669	0.470	0.219	0.413
black	0.0777	0.268	0.821	0.383
u74	0.120	0.324	0.542	0.498
u75	0.109	0.312	0.471	0.499
re74	12,019	9,294	3,858	7,458
re75	11,812	8,983	2,373	4,447

Note: The summary statistics in this table are calculated using all the simulated samples across 500 replications. There is a total of 71,000 treated units and 7,996,000 control units in these samples, or 142 treated units and 15,992 control units per sample. The proportion of treated units is 0.9%.

Table 51: Summary Statistics for Simulation #48

	Control		Treated	
	Mean	SD	Mean	SD
u78	0.145	0.352	0.229	0.420
age	32.11	10.16	26.70	8.453
educ	12.18	3.274	10.21	2.449
married	0.670	0.470	0.231	0.421
black	0.0777	0.268	0.828	0.378
u74	0.120	0.325	0.499	0.500
u75	0.109	0.312	0.325	0.468
re74	12,010	9,292	3,646	6,541
re75	11,804	8,981	2,751	4,580

Note: The summary statistics in this table are calculated using all the simulated samples across 500 replications. There is a total of 54,000 treated units and 7,996,000 control units in these samples, or 108 treated units and 15,992 control units per sample. The proportion of treated units is 0.7%.

Table 52: Summary Statistics for Simulation #49

	Control		Treated	
	Mean	SD	Mean	SD
re78	22,875	16,895	8,799	10,876
age	35.14	9.878	26.60	8.377
educ	12.25	3.408	9.656	2.451
married	0.865	0.342	0.173	0.378
black	0.252	0.434	0.827	0.378
u74	0.0864	0.281	0.749	0.433
u75	0.1000	0.300	0.684	0.465
re74	20,421	17,766	2,093	5,784
re75	20,214	18,677	1,291	3,405

Note: The summary statistics in this table are calculated using all the simulated samples across 2,000 replications. There is a total of 520,000 treated units and 4,980,000 control units in these samples, or 260 treated units and 2,490 control units per sample. The proportion of treated units is 10.4%.

Table 53: Summary Statistics for Simulation #50

	Control		Treated	
	Mean	SD	Mean	SD
re78	22,899	16,963	12,742	14,853
age	35.13	9.928	27.11	8.616
educ	12.26	3.410	10.21	2.798
married	0.865	0.342	0.205	0.404
black	0.252	0.434	0.833	0.373
u74	0.0865	0.281	0.708	0.455
u75	0.100	0.300	0.601	0.490
re74	20,425	17,760	2,137	5,336
re75	20,213	18,679	1,633	3,769

Note: The summary statistics in this table are calculated using all the simulated samples across 2,000 replications. There is a total of 370,000 treated units and 4,980,000 control units in these samples, or 185 treated units and 2,490 control units per sample. The proportion of treated units is 7.4%.

Table 54: Summary Statistics for Simulation #51

	Control		Treated	
	Mean	SD	Mean	SD
re78	22,917	17,294	8,550	10,156
age	35.14	9.878	26.60	8.377
educ	12.25	3.408	9.656	2.451
married	0.865	0.342	0.173	0.378
black	0.252	0.434	0.827	0.378
u74	0.0864	0.281	0.749	0.433
u75	0.1000	0.300	0.684	0.465
re74	20,421	17,766	2,093	5,784
re75	20,214	18,677	1,291	3,405

Note: The summary statistics in this table are calculated using all the simulated samples across 2,000 replications. There is a total of 520,000 treated units and 4,980,000 control units in these samples, or 260 treated units and 2,490 control units per sample. The proportion of treated units is 10.4%.

Table 55: Summary Statistics for Simulation #52

	Control		Treated	
	Mean	SD	Mean	SD
re78	22,937	17,362	8,928	9,530
age	35.13	9.928	27.11	8.616
educ	12.26	3.410	10.21	2.798
married	0.865	0.342	0.205	0.404
black	0.252	0.434	0.833	0.373
u74	0.0865	0.281	0.708	0.455
u75	0.100	0.300	0.601	0.490
re74	20,425	17,760	2,137	5,336
re75	20,213	18,679	1,633	3,769

Note: The summary statistics in this table are calculated using all the simulated samples across 2,000 replications. There is a total of 370,000 treated units and 4,980,000 control units in these samples, or 185 treated units and 2,490 control units per sample. The proportion of treated units is 7.4%.

Table 56: Summary Statistics for Simulation #53

	Control		Treated	
	Mean	SD	Mean	SD
re78	22,893	16,954	8,936	10,889
age	35.14	9.942	27.47	8.922
educ	12.26	3.407	9.858	2.389
married	0.864	0.342	0.212	0.409
black	0.252	0.434	0.817	0.387
u74	0.0864	0.281	0.542	0.498
u75	0.100	0.300	0.472	0.499
re74	20,424	17,744	3,850	7,443
re75	20,215	18,662	2,339	4,385

Note: The summary statistics in this table are calculated using all the simulated samples across 2,000 replications. There is a total of 284,000 treated units and 4,980,000 control units in these samples, or 142 treated units and 2,490 control units per sample. The proportion of treated units is 5.7%.

Table 57: Summary Statistics for Simulation #54

	Control		Treated	
	Mean	SD	Mean	SD
re78	22,921	17,002	13,280	14,602
age	35.14	9.972	26.81	8.564
educ	12.26	3.405	10.20	2.476
married	0.864	0.343	0.225	0.418
black	0.252	0.434	0.817	0.387
u74	0.0863	0.281	0.501	0.500
u75	0.100	0.300	0.325	0.468
re74	20,425	17,755	3,656	6,576
re75	20,212	18,682	2,747	4,556

Note: The summary statistics in this table are calculated using all the simulated samples across 2,000 replications. There is a total of 216,000 treated units and 4,980,000 control units in these samples, or 108 treated units and 2,490 control units per sample. The proportion of treated units is 4.3%.

Table 58: Summary Statistics for Simulation #55

	Control		Treated	
	Mean	SD	Mean	SD
re78	22,933	17,347	8,468	10,082
age	35.14	9.942	27.47	8.922
educ	12.26	3.407	9.858	2.389
married	0.864	0.342	0.212	0.409
black	0.252	0.434	0.817	0.387
u74	0.0864	0.281	0.542	0.498
u75	0.100	0.300	0.472	0.499
re74	20,424	17,744	3,850	7,443
re75	20,215	18,662	2,339	4,385

Note: The summary statistics in this table are calculated using all the simulated samples across 2,000 replications. There is a total of 284,000 treated units and 4,980,000 control units in these samples, or 142 treated units and 2,490 control units per sample. The proportion of treated units is 5.7%.

Table 59: Summary Statistics for Simulation #56

	Control		Treated	
	Mean	SD	Mean	SD
re78	22,961	17,399	9,485	9,789
age	35.14	9.972	26.81	8.564
educ	12.26	3.405	10.20	2.476
married	0.864	0.343	0.225	0.418
black	0.252	0.434	0.817	0.387
u74	0.0863	0.281	0.501	0.500
u75	0.100	0.300	0.325	0.468
re74	20,425	17,755	3,656	6,576
re75	20,212	18,682	2,747	4,556

Note: The summary statistics in this table are calculated using all the simulated samples across 2,000 replications. There is a total of 216,000 treated units and 4,980,000 control units in these samples, or 108 treated units and 2,490 control units per sample. The proportion of treated units is 4.3%.

Table 60: Summary Statistics for Simulation #57

	Control		Treated	
	Mean	SD	Mean	SD
u78	0.118	0.322	0.364	0.481
age	35.13	9.872	26.62	8.377
educ	12.26	3.407	9.653	2.454
married	0.865	0.342	0.173	0.379
black	0.252	0.434	0.828	0.377
u74	0.0861	0.280	0.750	0.433
u75	0.0997	0.300	0.685	0.465
re74	20,426	17,738	2,097	5,809
re75	20,213	18,656	1,292	3,419

Note: The summary statistics in this table are calculated using all the simulated samples across 2,000 replications. There is a total of 520,000 treated units and 4,980,000 control units in these samples, or 260 treated units and 2,490 control units per sample. The proportion of treated units is 10.4%.

Table 61: Summary Statistics for Simulation #58

	Control		Treated	
	Mean	SD	Mean	SD
u78	0.118	0.323	0.220	0.414
age	35.14	9.926	27.10	8.618
educ	12.26	3.408	10.22	2.801
married	0.865	0.342	0.205	0.404
black	0.251	0.434	0.833	0.373
u74	0.0863	0.281	0.708	0.455
u75	0.1000	0.300	0.599	0.490
re74	20,434	17,762	2,151	5,367
re75	20,221	18,675	1,633	3,756

Note: The summary statistics in this table are calculated using all the simulated samples across 2,000 replications. There is a total of 370,000 treated units and 4,980,000 control units in these samples, or 185 treated units and 2,490 control units per sample. The proportion of treated units is 7.4%.

Table 62: Summary Statistics for Simulation #59

	Control		Treated	
	Mean	SD	Mean	SD
u78	0.117	0.321	0.356	0.479
age	35.13	9.872	26.62	8.377
educ	12.26	3.407	9.653	2.454
married	0.865	0.342	0.173	0.379
black	0.252	0.434	0.828	0.377
u74	0.0861	0.280	0.750	0.433
u75	0.0997	0.300	0.685	0.465
re74	20,426	17,738	2,097	5,809
re75	20,213	18,656	1,292	3,419

Note: The summary statistics in this table are calculated using all the simulated samples across 2,000 replications. There is a total of 520,000 treated units and 4,980,000 control units in these samples, or 260 treated units and 2,490 control units per sample. The proportion of treated units is 10.4%.

Table 63: Summary Statistics for Simulation #60

	Control		Treated	
	Mean	SD	Mean	SD
u78	0.117	0.322	0.236	0.425
age	35.14	9.926	27.10	8.618
educ	12.26	3.408	10.22	2.801
married	0.865	0.342	0.205	0.404
black	0.251	0.434	0.833	0.373
u74	0.0863	0.281	0.708	0.455
u75	0.1000	0.300	0.599	0.490
re74	20,434	17,762	2,151	5,367
re75	20,221	18,675	1,633	3,756

Note: The summary statistics in this table are calculated using all the simulated samples across 2,000 replications. There is a total of 370,000 treated units and 4,980,000 control units in these samples, or 185 treated units and 2,490 control units per sample. The proportion of treated units is 7.4%.

Table 64: Summary Statistics for Simulation #61

	Control		Treated	
	Mean	SD	Mean	SD
u78	0.118	0.323	0.330	0.470
age	35.13	9.948	27.47	8.905
educ	12.26	3.409	9.852	2.391
married	0.864	0.343	0.211	0.408
black	0.252	0.434	0.817	0.387
u74	0.0863	0.281	0.541	0.498
u75	0.100	0.300	0.471	0.499
re74	20,429	17,767	3,848	7,423
re75	20,221	18,697	2,334	4,379

Note: The summary statistics in this table are calculated using all the simulated samples across 2,000 replications. There is a total of 284,000 treated units and 4,980,000 control units in these samples, or 142 treated units and 2,490 control units per sample. The proportion of treated units is 5.7%.

Table 65: Summary Statistics for Simulation #62

	Control		Treated	
	Mean	SD	Mean	SD
u78	0.118	0.323	0.195	0.397
age	35.14	9.973	26.80	8.548
educ	12.26	3.406	10.21	2.474
married	0.864	0.343	0.225	0.417
black	0.251	0.434	0.816	0.388
u74	0.0865	0.281	0.500	0.500
u75	0.100	0.300	0.324	0.468
re74	20,419	17,739	3,669	6,608
re75	20,212	18,678	2,767	4,596

Note: The summary statistics in this table are calculated using all the simulated samples across 2,000 replications. There is a total of 216,000 treated units and 4,980,000 control units in these samples, or 108 treated units and 2,490 control units per sample. The proportion of treated units is 4.3%.

Table 66: Summary Statistics for Simulation #63

	Control		Treated	
	Mean	SD	Mean	SD
u78	0.117	0.322	0.382	0.486
age	35.13	9.948	27.47	8.905
educ	12.26	3.409	9.852	2.391
married	0.864	0.343	0.211	0.408
black	0.252	0.434	0.817	0.387
u74	0.0863	0.281	0.541	0.498
u75	0.100	0.300	0.471	0.499
re74	20,429	17,767	3,848	7,423
re75	20,221	18,697	2,334	4,379

Note: The summary statistics in this table are calculated using all the simulated samples across 2,000 replications. There is a total of 284,000 treated units and 4,980,000 control units in these samples, or 142 treated units and 2,490 control units per sample. The proportion of treated units is 5.7%.

Table 67: Summary Statistics for Simulation #64

	Control		Treated	
	Mean	SD	Mean	SD
u78	0.118	0.322	0.221	0.415
age	35.14	9.973	26.80	8.548
educ	12.26	3.406	10.21	2.474
married	0.864	0.343	0.225	0.417
black	0.251	0.434	0.816	0.388
u74	0.0865	0.281	0.500	0.500
u75	0.100	0.300	0.324	0.468
re74	20,419	17,739	3,669	6,608
re75	20,212	18,678	2,767	4,596

Note: The summary statistics in this table are calculated using all the simulated samples across 2,000 replications. There is a total of 216,000 treated units and 4,980,000 control units in these samples, or 108 treated units and 2,490 control units per sample. The proportion of treated units is 4.3%.

4 Correlation Matrices for the Simulated Data

Table 68: Correlation Matrix for Treated Units in Simulation #1

	age	educ	black	married	re74	re75	u74	u75
age	1.000							
educ	–0.037	1.000						
black	0.093	0.108	1.000					
married	0.332	0.026	0.014	1.000				
re74	0.133	–0.002	0.060	0.070	1.000			
re75	0.058	–0.082	0.119	0.002	0.653	1.000		
u74	–0.010	0.039	–0.141	0.010	–0.668	–0.469	1.000	
u75	0.165	0.086	–0.063	0.081	–0.379	–0.558	0.422	1.000

Note: The values in each cell represent the pairwise correlation coefficients between the main control variables.

Table 69: Correlation Matrix for Control Units in Simulation #1

	age	educ	black	married	re74	re75	u74	u75
age	1.000							
educ	–0.136	1.000						
black	0.016	–0.086	1.000					
married	0.434	–0.012	–0.012	1.000				
re74	0.403	0.085	–0.031	0.413	1.000			
re75	0.343	0.113	–0.033	0.385	0.868	1.000		
u74	–0.094	–0.013	–0.038	–0.164	–0.531	–0.476	1.000	
u75	–0.007	0.025	–0.006	–0.077	–0.438	–0.510	0.598	1.000

Note: The values in each cell represent the pairwise correlation coefficients between the main control variables.

Table 70: Correlation Matrix for Treated Units in Simulation #2

	age	educ	black	married	re74	re75	u74	u75
age	1.000							
educ	–0.025	1.000						
black	0.071	0.099	1.000					
married	0.310	0.035	–0.001	1.000				
re74	0.138	–0.021	0.044	0.061	1.000			
re75	0.076	–0.083	0.086	–0.002	0.636	1.000		
u74	–0.036	0.053	–0.090	0.008	–0.681	–0.451	1.000	
u75	0.131	0.108	–0.038	0.057	–0.370	–0.560	0.396	1.000

Note: The values in each cell represent the pairwise correlation coefficients between the main control variables.

Table 71: Correlation Matrix for Control Units in Simulation #2

	age	educ	black	married	re74	re75	u74	u75
age	1.000							
educ	–0.134	1.000						
black	0.010	–0.089	1.000					
married	0.436	–0.010	–0.021	1.000				
re74	0.404	0.086	–0.041	0.415	1.000			
re75	0.345	0.115	–0.044	0.387	0.869	1.000		
u74	–0.096	–0.014	–0.030	–0.166	–0.533	–0.477	1.000	
u75	–0.009	0.022	0.001	–0.080	–0.439	–0.511	0.597	1.000

Note: The values in each cell represent the pairwise correlation coefficients between the main control variables.

Table 72: Correlation Matrix for Treated Units in Simulation #3

	age	educ	black	married	re74	re75	u74	u75
age	1.000							
educ	–0.132	1.000						
black	0.227	0.138	1.000					
married	0.490	0.022	0.148	1.000				
re74	0.153	–0.018	0.156	0.041	1.000			
re75	0.031	–0.100	0.137	–0.050	0.650	1.000		
u74	0.072	0.011	–0.265	0.121	–0.611	–0.433	1.000	
u75	0.257	0.036	–0.132	0.216	–0.333	–0.549	0.417	1.000

Note: The values in each cell represent the pairwise correlation coefficients between the main control variables.

Table 73: Correlation Matrix for Control Units in Simulation #3

	age	educ	black	married	re74	re75	u74	u75
age	1.000							
educ	–0.136	1.000						
black	0.015	–0.083	1.000					
married	0.434	–0.013	–0.005	1.000				
re74	0.404	0.084	–0.019	0.412	1.000			
re75	0.345	0.112	–0.020	0.383	0.868	1.000		
u74	–0.095	–0.009	–0.056	–0.162	–0.530	–0.474	1.000	
u75	–0.009	0.029	–0.027	–0.075	–0.435	–0.508	0.593	1.000

Note: The values in each cell represent the pairwise correlation coefficients between the main control variables.

Table 74: Correlation Matrix for Treated Units in Simulation #4

	age	educ	black	married	re74	re75	u74	u75
age	1.000							
educ	–0.153	1.000						
black	0.178	0.113	1.000					
married	0.468	–0.019	0.111	1.000				
re74	0.137	–0.021	0.110	0.039	1.000			
re75	0.014	–0.085	0.093	–0.052	0.622	1.000		
u74	0.072	0.028	–0.186	0.107	–0.621	–0.415	1.000	
u75	0.276	0.031	–0.091	0.208	–0.296	–0.545	0.363	1.000

Note: The values in each cell represent the pairwise correlation coefficients between the main control variables.

Table 75: Correlation Matrix for Control Units in Simulation #4

	age	educ	black	married	re74	re75	u74	u75
age	1.000							
educ	–0.134	1.000						
black	0.010	–0.085	1.000					
married	0.435	–0.011	–0.016	1.000				
re74	0.404	0.085	–0.032	0.413	1.000			
re75	0.346	0.114	–0.035	0.385	0.868	1.000		
u74	–0.097	–0.011	–0.046	–0.165	–0.532	–0.476	1.000	
u75	–0.011	0.026	–0.014	–0.078	–0.438	–0.510	0.595	1.000

Note: The values in each cell represent the pairwise correlation coefficients between the main control variables.

Table 76: Correlation Matrix for Treated Units in Simulation #5

	age	educ	black	married	re74	re75	u74	u75
age	1.000							
educ	–0.019	1.000						
black	0.016	0.094	1.000					
married	0.258	0.011	–0.012	1.000				
re74	0.208	–0.043	–0.073	0.120	1.000			
re75	0.139	–0.122	0.020	0.063	0.627	1.000		
u74	–0.080	0.089	0.052	–0.064	–0.639	–0.437	1.000	
u75	0.064	0.145	0.091	–0.040	–0.363	–0.515	0.441	1.000

Note: The values in each cell represent the pairwise correlation coefficients between the main control variables.

Table 77: Correlation Matrix for Control Units in Simulation #5

	age	educ	black	married	re74	re75	u74	u75
age	1.000							
educ	–0.133	1.000						
black	0.006	–0.092	1.000					
married	0.437	–0.008	–0.028	1.000				
re74	0.405	0.089	–0.050	0.417	1.000			
re75	0.346	0.117	–0.053	0.389	0.869	1.000		
u74	–0.100	–0.019	–0.011	–0.172	–0.537	–0.482	1.000	
u75	–0.013	0.017	0.021	–0.085	–0.443	–0.515	0.601	1.000

Note: The values in each cell represent the pairwise correlation coefficients between the main control variables.

Table 78: Correlation Matrix for Treated Units in Simulation #6

	age	educ	black	married	re74	re75	u74	u75
age	1.000							
educ	–0.017	1.000						
black	0.010	0.084	1.000					
married	0.239	0.016	–0.016	1.000				
re74	0.210	–0.050	–0.083	0.105	1.000			
re75	0.146	–0.117	0.003	0.052	0.612	1.000		
u74	–0.087	0.104	0.075	–0.056	–0.650	–0.429	1.000	
u75	0.045	0.166	0.098	–0.045	–0.367	–0.521	0.439	1.000

Note: The values in each cell represent the pairwise correlation coefficients between the main control variables.

Table 79: Correlation Matrix for Control Units in Simulation #6

	age	educ	black	married	re74	re75	u74	u75
age	1.000							
educ	–0.132	1.000						
black	0.001	–0.095	1.000					
married	0.438	–0.007	–0.034	1.000				
re74	0.405	0.089	–0.056	0.417	1.000			
re75	0.347	0.117	–0.059	0.390	0.870	1.000		
u74	–0.101	–0.020	–0.006	–0.173	–0.537	–0.482	1.000	
u75	–0.013	0.017	0.023	–0.087	–0.444	–0.515	0.601	1.000

Note: The values in each cell represent the pairwise correlation coefficients between the main control variables.

Table 80: Correlation Matrix for Treated Units in Simulation #7

	age	educ	black	married	re74	re75	u74	u75
age	1.000							
educ	–0.192	1.000						
black	0.084	0.019	1.000					
married	0.407	–0.064	0.035	1.000				
re74	0.245	0.015	0.043	0.125	1.000			
re75	0.097	–0.075	0.041	0.035	0.634	1.000		
u74	–0.007	–0.007	–0.091	0.020	–0.597	–0.434	1.000	
u75	0.224	–0.009	0.009	0.122	–0.301	–0.498	0.424	1.000

Note: The values in each cell represent the pairwise correlation coefficients between the main control variables.

Table 81: Correlation Matrix for Control Units in Simulation #7

	age	educ	black	married	re74	re75	u74	u75
age	1.000							
educ	–0.133	1.000						
black	0.009	–0.087	1.000					
married	0.435	–0.009	–0.020	1.000				
re74	0.404	0.087	–0.043	0.414	1.000			
re75	0.346	0.116	–0.046	0.387	0.869	1.000		
u74	–0.098	–0.015	–0.024	–0.168	–0.536	–0.480	1.000	
u75	–0.014	0.021	0.011	–0.084	–0.443	–0.514	0.600	1.000

Note: The values in each cell represent the pairwise correlation coefficients between the main control variables.

Table 82: Correlation Matrix for Treated Units in Simulation #8

	age	educ	black	married	re74	re75	u74	u75
age	1.000							
educ	–0.191	1.000						
black	0.067	0.010	1.000					
married	0.405	–0.083	0.025	1.000				
re74	0.258	0.015	0.036	0.139	1.000			
re75	0.109	–0.067	0.027	0.048	0.627	1.000		
u74	–0.038	–0.004	–0.070	–0.003	–0.607	–0.440	1.000	
u75	0.212	–0.011	0.013	0.108	–0.285	–0.496	0.404	1.000

Note: The values in each cell represent the pairwise correlation coefficients between the main control variables.

Table 83: Correlation Matrix for Control Units in Simulation #8

	age	educ	black	married	re74	re75	u74	u75
age	1.000							
educ	–0.133	1.000						
black	0.005	–0.090	1.000					
married	0.436	–0.008	–0.028	1.000				
re74	0.405	0.089	–0.050	0.416	1.000			
re75	0.346	0.117	–0.054	0.389	0.869	1.000		
u74	–0.099	–0.017	–0.017	–0.170	–0.536	–0.480	1.000	
u75	–0.014	0.019	0.017	–0.085	–0.442	–0.514	0.600	1.000

Note: The values in each cell represent the pairwise correlation coefficients between the main control variables.

Table 84: Correlation Matrix for Treated Units in Simulation #9

	age	educ	black	married	re74	re75	u74	u75
age	1.000							
educ	–0.035	1.000						
black	0.098	0.106	1.000					
married	0.334	0.027	0.014	1.000				
re74	0.132	–0.004	0.068	0.067	1.000			
re75	0.058	–0.078	0.123	–0.006	0.652	1.000		
u74	–0.005	0.044	–0.141	0.015	–0.668	–0.465	1.000	
u75	0.166	0.084	–0.065	0.084	–0.375	–0.558	0.418	1.000

Note: The values in each cell represent the pairwise correlation coefficients between the main control variables.

Table 85: Correlation Matrix for Control Units in Simulation #9

	age	educ	black	married	re74	re75	u74	u75
age	1.000							
educ	–0.137	1.000						
black	0.016	–0.086	1.000					
married	0.434	–0.012	–0.012	1.000				
re74	0.402	0.085	–0.031	0.413	1.000			
re75	0.342	0.113	–0.032	0.385	0.868	1.000		
u74	–0.093	–0.012	–0.038	–0.164	–0.531	–0.476	1.000	
u75	–0.007	0.025	–0.007	–0.077	–0.438	–0.510	0.597	1.000

Note: The values in each cell represent the pairwise correlation coefficients between the main control variables.

Table 86: Correlation Matrix for Treated Units in Simulation #10

	age	educ	black	married	re74	re75	u74	u75
age	1.000							
educ	–0.025	1.000						
black	0.069	0.100	1.000					
married	0.310	0.040	–0.005	1.000				
re74	0.138	–0.021	0.043	0.061	1.000			
re75	0.072	–0.085	0.088	–0.006	0.634	1.000		
u74	–0.034	0.056	–0.094	0.007	–0.681	–0.450	1.000	
u75	0.133	0.113	–0.045	0.063	–0.369	–0.559	0.401	1.000

Note: The values in each cell represent the pairwise correlation coefficients between the main control variables.

Table 87: Correlation Matrix for Control Units in Simulation #10

	age	educ	black	married	re74	re75	u74	u75
age	1.000							
educ	–0.135	1.000						
black	0.009	–0.089	1.000					
married	0.436	–0.010	–0.021	1.000				
re74	0.403	0.087	–0.041	0.414	1.000			
re75	0.344	0.115	–0.044	0.386	0.869	1.000		
u74	–0.095	–0.015	–0.030	–0.166	–0.533	–0.477	1.000	
u75	–0.008	0.022	0.001	–0.079	–0.439	–0.511	0.597	1.000

Note: The values in each cell represent the pairwise correlation coefficients between the main control variables.

Table 88: Correlation Matrix for Treated Units in Simulation #11

	age	educ	black	married	re74	re75	u74	u75
age	1.000							
educ	–0.135	1.000						
black	0.232	0.137	1.000					
married	0.491	0.014	0.150	1.000				
re74	0.151	–0.015	0.158	0.040	1.000			
re75	0.030	–0.091	0.137	–0.052	0.652	1.000		
u74	0.070	0.008	–0.265	0.119	–0.613	–0.431	1.000	
u75	0.255	0.031	–0.133	0.214	–0.335	–0.548	0.417	1.000

Note: The values in each cell represent the pairwise correlation coefficients between the main control variables.

Table 89: Correlation Matrix for Control Units in Simulation #11

	age	educ	black	married	re74	re75	u74	u75
age	1.000							
educ	–0.136	1.000						
black	0.015	–0.083	1.000					
married	0.433	–0.014	–0.005	1.000				
re74	0.404	0.083	–0.019	0.412	1.000			
re75	0.345	0.111	–0.020	0.384	0.867	1.000		
u74	–0.095	–0.009	–0.056	–0.162	–0.530	–0.473	1.000	
u75	–0.009	0.029	–0.027	–0.075	–0.435	–0.508	0.593	1.000

Note: The values in each cell represent the pairwise correlation coefficients between the main control variables.

Table 90: Correlation Matrix for Treated Units in Simulation #12

	age	educ	black	married	re74	re75	u74	u75
age	1.000							
educ	–0.152	1.000						
black	0.176	0.112	1.000					
married	0.471	–0.029	0.109	1.000				
re74	0.142	–0.011	0.108	0.038	1.000			
re75	0.012	–0.076	0.093	–0.052	0.617	1.000		
u74	0.068	0.020	–0.180	0.105	–0.623	–0.412	1.000	
u75	0.276	0.027	–0.091	0.210	–0.293	–0.544	0.358	1.000

Note: The values in each cell represent the pairwise correlation coefficients between the main control variables.

Table 91: Correlation Matrix for Control Units in Simulation #12

	age	educ	black	married	re74	re75	u74	u75
age	1.000							
educ	–0.134	1.000						
black	0.010	–0.086	1.000					
married	0.435	–0.010	–0.016	1.000				
re74	0.404	0.086	–0.032	0.413	1.000			
re75	0.346	0.114	–0.035	0.386	0.868	1.000		
u74	–0.096	–0.012	–0.045	–0.165	–0.531	–0.475	1.000	
u75	–0.011	0.025	–0.014	–0.078	–0.437	–0.509	0.594	1.000

Note: The values in each cell represent the pairwise correlation coefficients between the main control variables.

Table 92: Correlation Matrix for Treated Units in Simulation #13

	age	educ	black	married	re74	re75	u74	u75
age	1.000							
educ	–0.017	1.000						
black	0.017	0.091	1.000					
married	0.256	0.008	–0.016	1.000				
re74	0.209	–0.042	–0.069	0.117	1.000			
re75	0.135	–0.118	0.025	0.062	0.626	1.000		
u74	–0.079	0.091	0.046	–0.059	–0.638	–0.436	1.000	
u75	0.065	0.151	0.088	–0.038	–0.362	–0.516	0.444	1.000

Note: The values in each cell represent the pairwise correlation coefficients between the main control variables.

Table 93: Correlation Matrix for Control Units in Simulation #13

	age	educ	black	married	re74	re75	u74	u75
age	1.000							
educ	–0.133	1.000						
black	0.006	–0.092	1.000					
married	0.437	–0.008	–0.028	1.000				
re74	0.404	0.089	–0.050	0.417	1.000			
re75	0.346	0.117	–0.053	0.389	0.870	1.000		
u74	–0.099	–0.019	–0.011	–0.172	–0.537	–0.482	1.000	
u75	–0.013	0.017	0.020	–0.086	–0.444	–0.515	0.602	1.000

Note: The values in each cell represent the pairwise correlation coefficients between the main control variables.

Table 94: Correlation Matrix for Treated Units in Simulation #14

	age	educ	black	married	re74	re75	u74	u75
age	1.000							
educ	–0.020	1.000						
black	0.006	0.084	1.000					
married	0.239	0.012	–0.017	1.000				
re74	0.211	–0.055	–0.077	0.109	1.000			
re75	0.148	–0.121	0.008	0.060	0.616	1.000		
u74	–0.092	0.107	0.076	–0.059	–0.650	–0.433	1.000	
u75	0.040	0.165	0.090	–0.057	–0.366	–0.521	0.438	1.000

Note: The values in each cell represent the pairwise correlation coefficients between the main control variables.

Table 95: Correlation Matrix for Control Units in Simulation #14

	age	educ	black	married	re74	re75	u74	u75
age	1.000							
educ	–0.132	1.000						
black	0.002	–0.094	1.000					
married	0.437	–0.006	–0.033	1.000				
re74	0.405	0.090	–0.056	0.418	1.000			
re75	0.347	0.118	–0.059	0.390	0.870	1.000		
u74	–0.100	–0.020	–0.006	–0.173	–0.537	–0.482	1.000	
u75	–0.014	0.017	0.024	–0.087	–0.443	–0.515	0.600	1.000

Note: The values in each cell represent the pairwise correlation coefficients between the main control variables.

Table 96: Correlation Matrix for Treated Units in Simulation #15

	age	educ	black	married	re74	re75	u74	u75
age	1.000							
educ	–0.201	1.000						
black	0.083	0.018	1.000					
married	0.411	–0.080	0.037	1.000				
re74	0.247	0.013	0.047	0.128	1.000			
re75	0.103	–0.074	0.044	0.032	0.635	1.000		
u74	–0.014	–0.007	–0.090	0.019	–0.599	–0.438	1.000	
u75	0.215	–0.013	–0.001	0.122	–0.303	–0.498	0.429	1.000

Note: The values in each cell represent the pairwise correlation coefficients between the main control variables.

Table 97: Correlation Matrix for Control Units in Simulation #15

	age	educ	black	married	re74	re75	u74	u75
age	1.000							
educ	–0.133	1.000						
black	0.009	–0.087	1.000					
married	0.436	–0.009	–0.020	1.000				
re74	0.404	0.088	–0.043	0.415	1.000			
re75	0.346	0.116	–0.046	0.387	0.869	1.000		
u74	–0.098	–0.016	–0.024	–0.168	–0.535	–0.480	1.000	
u75	–0.013	0.021	0.011	–0.084	–0.442	–0.514	0.599	1.000

Note: The values in each cell represent the pairwise correlation coefficients between the main control variables.

Table 98: Correlation Matrix for Treated Units in Simulation #16

	age	educ	black	married	re74	re75	u74	u75
age	1.000							
educ	–0.186	1.000						
black	0.069	0.017	1.000					
married	0.410	–0.088	0.027	1.000				
re74	0.259	0.024	0.031	0.135	1.000			
re75	0.109	–0.060	0.024	0.047	0.628	1.000		
u74	–0.038	–0.010	–0.069	0.006	–0.605	–0.440	1.000	
u75	0.211	–0.011	0.019	0.118	–0.284	–0.494	0.399	1.000

Note: The values in each cell represent the pairwise correlation coefficients between the main control variables.

Table 99: Correlation Matrix for Control Units in Simulation #16

	age	educ	black	married	re74	re75	u74	u75
age	1.000							
educ	–0.133	1.000						
black	0.006	–0.090	1.000					
married	0.436	–0.007	–0.027	1.000				
re74	0.405	0.088	–0.050	0.416	1.000			
re75	0.347	0.117	–0.054	0.389	0.869	1.000		
u74	–0.098	–0.017	–0.017	–0.169	–0.536	–0.480	1.000	
u75	–0.013	0.020	0.018	–0.085	–0.442	–0.514	0.599	1.000

Note: The values in each cell represent the pairwise correlation coefficients between the main control variables.

Table 100: Correlation Matrix for Treated Units in Simulation #17

	age	educ	black	married	re74	re75	u74	u75
age	1.000							
educ	–0.397	1.000						
black	–0.155	–0.201	1.000					
married	0.256	–0.076	–0.170	1.000				
re74	–0.160	0.097	0.114	0.010	1.000			
re75	–0.229	0.038	0.259	–0.127	0.611	1.000		
u74	0.481	0.017	–0.447	0.202	–0.565	–0.459	1.000	
u75	0.461	–0.034	–0.311	0.230	–0.422	–0.586	0.707	1.000

Note: The values in each cell represent the pairwise correlation coefficients between the main control variables.

Table 101: Correlation Matrix for Control Units in Simulation #17

	age	educ	black	married	re74	re75	u74	u75
age	1.000							
educ	–0.264	1.000						
black	0.031	–0.300	1.000					
married	0.148	–0.082	–0.015	1.000				
re74	0.176	0.280	–0.149	0.091	1.000			
re75	0.135	0.298	–0.147	0.066	0.831	1.000		
u74	0.188	0.006	–0.086	0.047	–0.408	–0.283	1.000	
u75	0.181	–0.022	–0.065	0.028	–0.319	–0.444	0.628	1.000

Note: The values in each cell represent the pairwise correlation coefficients between the main control variables.

Table 102: Correlation Matrix for Treated Units in Simulation #18

	age	educ	black	married	re74	re75	u74	u75
age	1.000							
educ	–0.411	1.000						
black	–0.164	–0.187	1.000					
married	0.286	–0.079	–0.199	1.000				
re74	–0.167	0.095	0.117	0.005	1.000			
re75	–0.238	0.044	0.259	–0.138	0.590	1.000		
u74	0.464	0.019	–0.441	0.219	–0.578	–0.468	1.000	
u75	0.445	–0.052	–0.295	0.254	–0.427	–0.601	0.689	1.000

Note: The values in each cell represent the pairwise correlation coefficients between the main control variables.

Table 103: Correlation Matrix for Control Units in Simulation #18

	age	educ	black	married	re74	re75	u74	u75
age	1.000							
educ	–0.259	1.000						
black	0.017	–0.305	1.000					
married	0.152	–0.074	–0.031	1.000				
re74	0.178	0.286	–0.161	0.098	1.000			
re75	0.140	0.303	–0.162	0.075	0.833	1.000		
u74	0.189	–0.005	–0.087	0.043	–0.420	–0.297	1.000	
u75	0.182	–0.031	–0.060	0.025	–0.332	–0.452	0.643	1.000

Note: The values in each cell represent the pairwise correlation coefficients between the main control variables.

Table 104: Correlation Matrix for Treated Units in Simulation #19

	age	educ	black	married	re74	re75	u74	u75
age	1.000							
educ	–0.486	1.000						
black	–0.022	–0.366	1.000					
married	0.295	–0.105	–0.068	1.000				
re74	–0.324	0.083	0.221	–0.101	1.000			
re75	–0.384	0.025	0.328	–0.226	0.507	1.000		
u74	0.526	0.023	–0.415	0.290	–0.652	–0.534	1.000	
u75	0.520	–0.032	–0.272	0.297	–0.446	–0.696	0.696	1.000

Note: The values in each cell represent the pairwise correlation coefficients between the main control variables.

Table 105: Correlation Matrix for Control Units in Simulation #19

	age	educ	black	married	re74	re75	u74	u75
age	1.000							
educ	–0.249	1.000						
black	0.018	–0.287	1.000					
married	0.131	–0.076	–0.031	1.000				
re74	0.178	0.287	–0.151	0.080	1.000			
re75	0.135	0.308	–0.149	0.052	0.828	1.000		
u74	0.190	0.008	–0.106	0.053	–0.395	–0.266	1.000	
u75	0.179	–0.019	–0.083	0.036	–0.308	–0.433	0.617	1.000

Note: The values in each cell represent the pairwise correlation coefficients between the main control variables.

Table 106: Correlation Matrix for Treated Units in Simulation #20

	age	educ	black	married	re74	re75	u74	u75
age	1.000							
educ	–0.522	1.000						
black	0.013	–0.377	1.000					
married	0.316	–0.108	–0.078	1.000				
re74	–0.306	0.091	0.215	–0.101	1.000			
re75	–0.381	0.049	0.290	–0.220	0.494	1.000		
u74	0.507	0.008	–0.406	0.300	–0.641	–0.527	1.000	
u75	0.518	–0.077	–0.219	0.306	–0.434	–0.689	0.678	1.000

Note: The values in each cell represent the pairwise correlation coefficients between the main control variables.

Table 107: Correlation Matrix for Control Units in Simulation #20

	age	educ	black	married	re74	re75	u74	u75
age	1.000							
educ	–0.246	1.000						
black	0.005	–0.294	1.000					
married	0.140	–0.070	–0.040	1.000				
re74	0.179	0.290	–0.161	0.089	1.000			
re75	0.140	0.310	–0.160	0.063	0.830	1.000		
u74	0.191	0.000	–0.105	0.055	–0.411	–0.286	1.000	
u75	0.177	–0.025	–0.078	0.035	–0.326	–0.446	0.638	1.000

Note: The values in each cell represent the pairwise correlation coefficients between the main control variables.

Table 108: Correlation Matrix for Treated Units in Simulation #21

	age	educ	black	married	re74	re75	u74	u75
age	1.000							
educ	–0.322	1.000						
black	–0.125	–0.165	1.000					
married	0.317	–0.082	–0.171	1.000				
re74	–0.043	0.105	0.025	0.080	1.000			
re75	–0.134	0.027	0.206	–0.089	0.555	1.000		
u74	0.334	0.067	–0.346	0.150	–0.519	–0.435	1.000	
u75	0.316	–0.020	–0.197	0.195	–0.379	–0.567	0.647	1.000

Note: The values in each cell represent the pairwise correlation coefficients between the main control variables.

Table 109: Correlation Matrix for Control Units in Simulation #21

	age	educ	black	married	re74	re75	u74	u75
age	1.000							
educ	–0.261	1.000						
black	0.014	–0.311	1.000					
married	0.149	–0.062	–0.044	1.000				
re74	0.172	0.293	–0.167	0.109	1.000			
re75	0.135	0.310	–0.168	0.086	0.836	1.000		
u74	0.190	–0.026	–0.077	0.026	–0.438	–0.322	1.000	
u75	0.183	–0.051	–0.047	0.011	–0.353	–0.467	0.667	1.000

Note: The values in each cell represent the pairwise correlation coefficients between the main control variables.

Table 110: Correlation Matrix for Treated Units in Simulation #22

	age	educ	black	married	re74	re75	u74	u75
age	1.000							
educ	–0.307	1.000						
black	–0.114	–0.181	1.000					
married	0.347	–0.075	–0.201	1.000				
re74	–0.030	0.099	0.021	0.086	1.000			
re75	–0.129	0.010	0.194	–0.077	0.533	1.000		
u74	0.283	0.099	–0.325	0.151	–0.519	–0.437	1.000	
u75	0.280	0.005	–0.170	0.202	–0.373	–0.570	0.632	1.000

Note: The values in each cell represent the pairwise correlation coefficients between the main control variables.

Table 111: Correlation Matrix for Control Units in Simulation #22

	age	educ	black	married	re74	re75	u74	u75
age	1.000							
educ	–0.257	1.000						
black	0.005	–0.313	1.000					
married	0.153	–0.057	–0.053	1.000				
re74	0.175	0.295	–0.175	0.113	1.000			
re75	0.140	0.313	–0.177	0.091	0.837	1.000		
u74	0.190	–0.029	–0.077	0.026	–0.441	–0.325	1.000	
u75	0.182	–0.055	–0.044	0.011	–0.356	–0.469	0.668	1.000

Note: The values in each cell represent the pairwise correlation coefficients between the main control variables.

Table 112: Correlation Matrix for Treated Units in Simulation #23

	age	educ	black	married	re74	re75	u74	u75
age	1.000							
educ	–0.556	1.000						
black	0.094	–0.388	1.000					
married	0.273	–0.120	–0.007	1.000				
re74	–0.228	0.104	0.145	–0.013	1.000			
re75	–0.314	0.062	0.224	–0.138	0.474	1.000		
u74	0.419	0.001	–0.318	0.199	–0.596	–0.491	1.000	
u75	0.445	–0.109	–0.095	0.200	–0.403	–0.640	0.648	1.000

Note: The values in each cell represent the pairwise correlation coefficients between the main control variables.

Table 113: Correlation Matrix for Control Units in Simulation #23

	age	educ	black	married	re74	re75	u74	u75
age	1.000							
educ	–0.249	1.000						
black	0.003	–0.299	1.000					
married	0.143	–0.067	–0.045	1.000				
re74	0.174	0.294	–0.166	0.093	1.000			
re75	0.138	0.313	–0.166	0.069	0.834	1.000		
u74	0.191	–0.016	–0.093	0.050	–0.430	–0.313	1.000	
u75	0.175	–0.040	–0.063	0.030	–0.349	–0.464	0.664	1.000

Note: The values in each cell represent the pairwise correlation coefficients between the main control variables.

Table 114: Correlation Matrix for Treated Units in Simulation #24

	age	educ	black	married	re74	re75	u74	u75
age	1.000							
educ	–0.570	1.000						
black	0.110	–0.392	1.000					
married	0.273	–0.106	–0.030	1.000				
re74	–0.205	0.098	0.150	–0.004	1.000			
re75	–0.303	0.071	0.206	–0.117	0.478	1.000		
u74	0.377	0.019	–0.325	0.184	–0.587	–0.494	1.000	
u75	0.420	–0.122	–0.063	0.184	–0.408	–0.634	0.638	1.000

Note: The values in each cell represent the pairwise correlation coefficients between the main control variables.

Table 115: Correlation Matrix for Control Units in Simulation #24

	age	educ	black	married	re74	re75	u74	u75
age	1.000							
educ	–0.248	1.000						
black	–0.003	–0.305	1.000					
married	0.150	–0.063	–0.053	1.000				
re74	0.177	0.296	–0.174	0.101	1.000			
re75	0.142	0.315	–0.176	0.078	0.835	1.000		
u74	0.191	–0.021	–0.088	0.049	–0.434	–0.317	1.000	
u75	0.175	–0.045	–0.056	0.028	–0.353	–0.466	0.665	1.000

Note: The values in each cell represent the pairwise correlation coefficients between the main control variables.

Table 116: Correlation Matrix for Treated Units in Simulation #25

	age	educ	black	married	re74	re75	u74	u75
age	1.000							
educ	–0.396	1.000						
black	–0.155	–0.202	1.000					
married	0.256	–0.076	–0.171	1.000				
re74	–0.159	0.099	0.113	0.010	1.000			
re75	–0.228	0.038	0.259	–0.127	0.611	1.000		
u74	0.482	0.018	–0.448	0.202	–0.565	–0.459	1.000	
u75	0.462	–0.033	–0.313	0.230	–0.420	–0.585	0.707	1.000

Note: The values in each cell represent the pairwise correlation coefficients between the main control variables.

Table 117: Correlation Matrix for Control Units in Simulation #25

	age	educ	black	married	re74	re75	u74	u75
age	1.000							
educ	–0.264	1.000						
black	0.032	–0.300	1.000					
married	0.148	–0.082	–0.015	1.000				
re74	0.176	0.280	–0.149	0.091	1.000			
re75	0.135	0.298	–0.147	0.066	0.831	1.000		
u74	0.188	0.006	–0.085	0.047	–0.408	–0.283	1.000	
u75	0.181	–0.022	–0.065	0.028	–0.319	–0.444	0.628	1.000

Note: The values in each cell represent the pairwise correlation coefficients between the main control variables.

Table 118: Correlation Matrix for Treated Units in Simulation #26

	age	educ	black	married	re74	re75	u74	u75
age	1.000							
educ	–0.412	1.000						
black	–0.164	–0.186	1.000					
married	0.286	–0.079	–0.199	1.000				
re74	–0.169	0.094	0.119	0.005	1.000			
re75	–0.239	0.044	0.260	–0.139	0.589	1.000		
u74	0.464	0.019	–0.441	0.218	–0.580	–0.469	1.000	
u75	0.445	–0.052	–0.295	0.254	–0.429	–0.602	0.690	1.000

Note: The values in each cell represent the pairwise correlation coefficients between the main control variables.

Table 119: Correlation Matrix for Control Units in Simulation #26

	age	educ	black	married	re74	re75	u74	u75
age	1.000							
educ	–0.258	1.000						
black	0.017	–0.305	1.000					
married	0.152	–0.073	–0.031	1.000				
re74	0.178	0.286	–0.161	0.098	1.000			
re75	0.140	0.303	–0.162	0.075	0.833	1.000		
u74	0.189	–0.005	–0.086	0.043	–0.420	–0.297	1.000	
u75	0.182	–0.031	–0.060	0.025	–0.332	–0.452	0.643	1.000

Note: The values in each cell represent the pairwise correlation coefficients between the main control variables.

Table 120: Correlation Matrix for Treated Units in Simulation #27

	age	educ	black	married	re74	re75	u74	u75
age	1.000							
educ	–0.486	1.000						
black	–0.023	–0.367	1.000					
married	0.294	–0.105	–0.068	1.000				
re74	–0.324	0.083	0.221	–0.101	1.000			
re75	–0.384	0.024	0.329	–0.226	0.506	1.000		
u74	0.526	0.024	–0.416	0.290	–0.652	–0.534	1.000	
u75	0.519	–0.031	–0.272	0.297	–0.445	–0.696	0.695	1.000

Note: The values in each cell represent the pairwise correlation coefficients between the main control variables.

Table 121: Correlation Matrix for Control Units in Simulation #27

	age	educ	black	married	re74	re75	u74	u75
age	1.000							
educ	–0.249	1.000						
black	0.017	–0.287	1.000					
married	0.131	–0.076	–0.031	1.000				
re74	0.178	0.288	–0.151	0.080	1.000			
re75	0.135	0.308	–0.149	0.052	0.828	1.000		
u74	0.191	0.009	–0.106	0.053	–0.395	–0.266	1.000	
u75	0.179	–0.018	–0.083	0.036	–0.308	–0.434	0.617	1.000

Note: The values in each cell represent the pairwise correlation coefficients between the main control variables.

Table 122: Correlation Matrix for Treated Units in Simulation #28

	age	educ	black	married	re74	re75	u74	u75
age	1.000							
educ	–0.523	1.000						
black	0.012	–0.380	1.000					
married	0.318	–0.110	–0.075	1.000				
re74	–0.307	0.096	0.214	–0.101	1.000			
re75	–0.380	0.051	0.292	–0.217	0.493	1.000		
u74	0.507	0.005	–0.405	0.298	–0.640	–0.527	1.000	
u75	0.518	–0.079	–0.221	0.303	–0.431	–0.689	0.677	1.000

Note: The values in each cell represent the pairwise correlation coefficients between the main control variables.

Table 123: Correlation Matrix for Control Units in Simulation #28

	age	educ	black	married	re74	re75	u74	u75
age	1.000							
educ	–0.246	1.000						
black	0.004	–0.294	1.000					
married	0.140	–0.070	–0.040	1.000				
re74	0.180	0.290	–0.160	0.090	1.000			
re75	0.141	0.310	–0.160	0.064	0.831	1.000		
u74	0.191	0.001	–0.105	0.054	–0.411	–0.287	1.000	
u75	0.177	–0.025	–0.079	0.035	–0.327	–0.446	0.639	1.000

Note: The values in each cell represent the pairwise correlation coefficients between the main control variables.

Table 124: Correlation Matrix for Treated Units in Simulation #29

	age	educ	black	married	re74	re75	u74	u75
age	1.000							
educ	–0.321	1.000						
black	–0.125	–0.165	1.000					
married	0.317	–0.082	–0.171	1.000				
re74	–0.042	0.105	0.026	0.079	1.000			
re75	–0.134	0.026	0.207	–0.089	0.554	1.000		
u74	0.334	0.069	–0.347	0.151	–0.518	–0.436	1.000	
u75	0.316	–0.019	–0.197	0.196	–0.378	–0.570	0.645	1.000

Note: The values in each cell represent the pairwise correlation coefficients between the main control variables.

Table 125: Correlation Matrix for Control Units in Simulation #29

	age	educ	black	married	re74	re75	u74	u75
age	1.000							
educ	–0.261	1.000						
black	0.014	–0.311	1.000					
married	0.149	–0.062	–0.045	1.000				
re74	0.172	0.292	–0.167	0.109	1.000			
re75	0.135	0.310	–0.168	0.086	0.836	1.000		
u74	0.191	–0.026	–0.076	0.027	–0.438	–0.323	1.000	
u75	0.183	–0.051	–0.047	0.011	–0.353	–0.468	0.667	1.000

Note: The values in each cell represent the pairwise correlation coefficients between the main control variables.

Table 126: Correlation Matrix for Treated Units in Simulation #30

	age	educ	black	married	re74	re75	u74	u75
age	1.000							
educ	–0.307	1.000						
black	–0.114	–0.182	1.000					
married	0.347	–0.075	–0.200	1.000				
re74	–0.029	0.100	0.021	0.087	1.000			
re75	–0.129	0.010	0.196	–0.077	0.531	1.000		
u74	0.282	0.101	–0.325	0.150	–0.519	–0.440	1.000	
u75	0.279	0.005	–0.170	0.200	–0.372	–0.574	0.633	1.000

Note: The values in each cell represent the pairwise correlation coefficients between the main control variables.

Table 127: Correlation Matrix for Control Units in Simulation #30

	age	educ	black	married	re74	re75	u74	u75
age	1.000							
educ	–0.257	1.000						
black	0.005	–0.313	1.000					
married	0.153	–0.057	–0.053	1.000				
re74	0.175	0.295	–0.175	0.113	1.000			
re75	0.140	0.313	–0.177	0.091	0.837	1.000		
u74	0.190	–0.030	–0.077	0.026	–0.441	–0.325	1.000	
u75	0.181	–0.055	–0.044	0.011	–0.356	–0.469	0.668	1.000

Note: The values in each cell represent the pairwise correlation coefficients between the main control variables.

Table 128: Correlation Matrix for Treated Units in Simulation #31

	age	educ	black	married	re74	re75	u74	u75
age	1.000							
educ	–0.557	1.000						
black	0.095	–0.387	1.000					
married	0.274	–0.121	–0.005	1.000				
re74	–0.228	0.104	0.145	–0.014	1.000			
re75	–0.314	0.061	0.225	–0.140	0.473	1.000		
u74	0.419	0.000	–0.318	0.200	–0.596	–0.491	1.000	
u75	0.445	–0.110	–0.095	0.202	–0.402	–0.640	0.648	1.000

Note: The values in each cell represent the pairwise correlation coefficients between the main control variables.

Table 129: Correlation Matrix for Control Units in Simulation #31

	age	educ	black	married	re74	re75	u74	u75
age	1.000							
educ	–0.249	1.000						
black	0.003	–0.299	1.000					
married	0.143	–0.067	–0.045	1.000				
re74	0.175	0.294	–0.166	0.093	1.000			
re75	0.138	0.313	–0.166	0.069	0.834	1.000		
u74	0.191	–0.016	–0.093	0.050	–0.430	–0.313	1.000	
u75	0.175	–0.040	–0.063	0.030	–0.349	–0.464	0.664	1.000

Note: The values in each cell represent the pairwise correlation coefficients between the main control variables.

Table 130: Correlation Matrix for Treated Units in Simulation #32

	age	educ	black	married	re74	re75	u74	u75
age	1.000							
educ	–0.568	1.000						
black	0.109	–0.395	1.000					
married	0.277	–0.108	–0.023	1.000				
re74	–0.208	0.104	0.153	–0.005	1.000			
re75	–0.304	0.073	0.205	–0.117	0.477	1.000		
u74	0.381	0.015	–0.325	0.183	–0.586	–0.493	1.000	
u75	0.422	–0.126	–0.062	0.185	–0.405	–0.633	0.636	1.000

Note: The values in each cell represent the pairwise correlation coefficients between the main control variables.

Table 131: Correlation Matrix for Control Units in Simulation #32

	age	educ	black	married	re74	re75	u74	u75
age	1.000							
educ	–0.247	1.000						
black	–0.004	–0.305	1.000					
married	0.149	–0.062	–0.053	1.000				
re74	0.178	0.296	–0.174	0.102	1.000			
re75	0.143	0.315	–0.175	0.079	0.836	1.000		
u74	0.191	–0.021	–0.089	0.049	–0.434	–0.318	1.000	
u75	0.176	–0.044	–0.057	0.027	–0.353	–0.466	0.667	1.000

Note: The values in each cell represent the pairwise correlation coefficients between the main control variables.

Table 132: Correlation Matrix for Treated Units in Simulation #33

	age	educ	black	married	re74	re75	u74	u75
age	1.000							
educ	–0.156	1.000						
black	0.017	–0.095	1.000					
married	0.315	–0.055	–0.032	1.000				
re74	0.115	–0.015	–0.030	0.166	1.000			
re75	0.006	–0.001	–0.037	0.100	0.621	1.000		
u74	0.095	0.021	–0.006	–0.026	–0.627	–0.541	1.000	
u75	0.192	0.028	0.024	0.040	–0.473	–0.557	0.719	1.000

Note: The values in each cell represent the pairwise correlation coefficients between the main control variables.

Table 133: Correlation Matrix for Control Units in Simulation #33

	age	educ	black	married	re74	re75	u74	u75
age	1.000							
educ	–0.158	1.000						
black	–0.005	–0.115	1.000					
married	0.409	–0.027	–0.049	1.000				
re74	0.394	0.084	–0.067	0.360	1.000			
re75	0.293	0.129	–0.077	0.327	0.743	1.000		
u74	–0.061	–0.036	0.013	–0.129	–0.477	–0.423	1.000	
u75	0.017	0.007	0.034	–0.054	–0.384	–0.460	0.601	1.000

Note: The values in each cell represent the pairwise correlation coefficients between the main control variables.

Table 134: Correlation Matrix for Treated Units in Simulation #34

	age	educ	black	married	re74	re75	u74	u75
age	1.000							
educ	–0.162	1.000						
black	0.023	–0.115	1.000					
married	0.315	–0.052	–0.038	1.000				
re74	0.078	–0.016	–0.021	0.133	1.000			
re75	–0.031	0.009	–0.037	0.081	0.539	1.000		
u74	0.138	0.039	–0.010	0.003	–0.622	–0.489	1.000	
u75	0.233	0.062	0.017	0.062	–0.469	–0.530	0.739	1.000

Note: The values in each cell represent the pairwise correlation coefficients between the main control variables.

Table 135: Correlation Matrix for Control Units in Simulation #34

	age	educ	black	married	re74	re75	u74	u75
age	1.000							
educ	–0.157	1.000						
black	–0.006	–0.117	1.000					
married	0.410	–0.028	–0.051	1.000				
re74	0.394	0.086	–0.067	0.360	1.000			
re75	0.293	0.129	–0.076	0.326	0.743	1.000		
u74	–0.060	–0.036	0.013	–0.131	–0.477	–0.423	1.000	
u75	0.018	0.009	0.035	–0.056	–0.384	–0.461	0.601	1.000

Note: The values in each cell represent the pairwise correlation coefficients between the main control variables.

Table 136: Correlation Matrix for Treated Units in Simulation #35

	age	educ	black	married	re74	re75	u74	u75
age	1.000							
educ	–0.156	1.000						
black	0.017	–0.095	1.000					
married	0.315	–0.055	–0.032	1.000				
re74	0.115	–0.015	–0.030	0.166	1.000			
re75	0.006	–0.001	–0.037	0.100	0.621	1.000		
u74	0.095	0.021	–0.006	–0.026	–0.627	–0.541	1.000	
u75	0.192	0.028	0.024	0.040	–0.473	–0.557	0.719	1.000

Note: The values in each cell represent the pairwise correlation coefficients between the main control variables.

Table 137: Correlation Matrix for Control Units in Simulation #35

	age	educ	black	married	re74	re75	u74	u75
age	1.000							
educ	–0.158	1.000						
black	–0.005	–0.115	1.000					
married	0.409	–0.027	–0.049	1.000				
re74	0.394	0.084	–0.067	0.360	1.000			
re75	0.293	0.129	–0.077	0.327	0.743	1.000		
u74	–0.061	–0.036	0.013	–0.129	–0.477	–0.423	1.000	
u75	0.017	0.007	0.034	–0.054	–0.384	–0.460	0.601	1.000

Note: The values in each cell represent the pairwise correlation coefficients between the main control variables.

Table 138: Correlation Matrix for Treated Units in Simulation #36

	age	educ	black	married	re74	re75	u74	u75
age	1.000							
educ	–0.162	1.000						
black	0.023	–0.115	1.000					
married	0.315	–0.052	–0.038	1.000				
re74	0.078	–0.016	–0.021	0.133	1.000			
re75	–0.031	0.009	–0.037	0.081	0.539	1.000		
u74	0.138	0.039	–0.010	0.003	–0.622	–0.489	1.000	
u75	0.233	0.062	0.017	0.062	–0.469	–0.530	0.739	1.000

Note: The values in each cell represent the pairwise correlation coefficients between the main control variables.

Table 139: Correlation Matrix for Control Units in Simulation #36

	age	educ	black	married	re74	re75	u74	u75
age	1.000							
educ	–0.157	1.000						
black	–0.006	–0.117	1.000					
married	0.410	–0.028	–0.051	1.000				
re74	0.394	0.086	–0.067	0.360	1.000			
re75	0.293	0.129	–0.076	0.326	0.743	1.000		
u74	–0.060	–0.036	0.013	–0.131	–0.477	–0.423	1.000	
u75	0.018	0.009	0.035	–0.056	–0.384	–0.461	0.601	1.000

Note: The values in each cell represent the pairwise correlation coefficients between the main control variables.

Table 140: Correlation Matrix for Treated Units in Simulation #37

	age	educ	black	married	re74	re75	u74	u75
age	1.000							
educ	–0.143	1.000						
black	0.002	–0.098	1.000					
married	0.364	–0.055	–0.049	1.000				
re74	0.206	–0.010	–0.045	0.230	1.000			
re75	0.046	0.008	–0.055	0.134	0.565	1.000		
u74	0.088	0.026	–0.017	–0.032	–0.563	–0.450	1.000	
u75	0.211	0.045	0.018	0.058	–0.405	–0.502	0.670	1.000

Note: The values in each cell represent the pairwise correlation coefficients between the main control variables.

Table 141: Correlation Matrix for Control Units in Simulation #37

	age	educ	black	married	re74	re75	u74	u75
age	1.000							
educ	–0.157	1.000						
black	–0.006	–0.116	1.000					
married	0.409	–0.028	–0.050	1.000				
re74	0.393	0.085	–0.067	0.358	1.000			
re75	0.293	0.130	–0.077	0.326	0.743	1.000		
u74	–0.059	–0.035	0.012	–0.128	–0.476	–0.423	1.000	
u75	0.020	0.008	0.032	–0.053	–0.384	–0.460	0.600	1.000

Note: The values in each cell represent the pairwise correlation coefficients between the main control variables.

Table 142: Correlation Matrix for Treated Units in Simulation #38

	age	educ	black	married	re74	re75	u74	u75
age	1.000							
educ	–0.139	1.000						
black	0.008	–0.105	1.000					
married	0.341	–0.046	–0.052	1.000				
re74	0.168	–0.003	–0.029	0.204	1.000			
re75	0.033	0.037	–0.053	0.131	0.484	1.000		
u74	0.107	0.020	–0.025	–0.018	–0.553	–0.382	1.000	
u75	0.241	0.056	0.019	0.080	–0.356	–0.419	0.617	1.000

Note: The values in each cell represent the pairwise correlation coefficients between the main control variables.

Table 143: Correlation Matrix for Control Units in Simulation #38

	age	educ	black	married	re74	re75	u74	u75
age	1.000							
educ	–0.158	1.000						
black	–0.006	–0.118	1.000					
married	0.409	–0.027	–0.051	1.000				
re74	0.394	0.086	–0.067	0.360	1.000			
re75	0.292	0.130	–0.076	0.326	0.743	1.000		
u74	–0.059	–0.036	0.012	–0.130	–0.477	–0.423	1.000	
u75	0.021	0.010	0.035	–0.053	–0.384	–0.460	0.601	1.000

Note: The values in each cell represent the pairwise correlation coefficients between the main control variables.

Table 144: Correlation Matrix for Treated Units in Simulation #39

	age	educ	black	married	re74	re75	u74	u75
age	1.000							
educ	–0.143	1.000						
black	0.002	–0.098	1.000					
married	0.364	–0.055	–0.049	1.000				
re74	0.206	–0.010	–0.045	0.230	1.000			
re75	0.046	0.008	–0.055	0.134	0.565	1.000		
u74	0.088	0.026	–0.017	–0.032	–0.563	–0.450	1.000	
u75	0.211	0.045	0.018	0.058	–0.405	–0.502	0.670	1.000

Note: The values in each cell represent the pairwise correlation coefficients between the main control variables.

Table 145: Correlation Matrix for Control Units in Simulation #39

	age	educ	black	married	re74	re75	u74	u75
age	1.000							
educ	–0.157	1.000						
black	–0.006	–0.116	1.000					
married	0.409	–0.028	–0.050	1.000				
re74	0.393	0.085	–0.067	0.358	1.000			
re75	0.293	0.130	–0.077	0.326	0.743	1.000		
u74	–0.059	–0.035	0.012	–0.128	–0.476	–0.423	1.000	
u75	0.020	0.008	0.032	–0.053	–0.384	–0.460	0.600	1.000

Note: The values in each cell represent the pairwise correlation coefficients between the main control variables.

Table 146: Correlation Matrix for Treated Units in Simulation #40

	age	educ	black	married	re74	re75	u74	u75
age	1.000							
educ	–0.139	1.000						
black	0.008	–0.105	1.000					
married	0.341	–0.046	–0.052	1.000				
re74	0.168	–0.003	–0.029	0.204	1.000			
re75	0.033	0.037	–0.053	0.131	0.484	1.000		
u74	0.107	0.020	–0.025	–0.018	–0.553	–0.382	1.000	
u75	0.241	0.056	0.019	0.080	–0.356	–0.419	0.617	1.000

Note: The values in each cell represent the pairwise correlation coefficients between the main control variables.

Table 147: Correlation Matrix for Control Units in Simulation #40

	age	educ	black	married	re74	re75	u74	u75
age	1.000							
educ	–0.158	1.000						
black	–0.006	–0.118	1.000					
married	0.409	–0.027	–0.051	1.000				
re74	0.394	0.086	–0.067	0.360	1.000			
re75	0.292	0.130	–0.076	0.326	0.743	1.000		
u74	–0.059	–0.036	0.012	–0.130	–0.477	–0.423	1.000	
u75	0.021	0.010	0.035	–0.053	–0.384	–0.460	0.601	1.000

Note: The values in each cell represent the pairwise correlation coefficients between the main control variables.

Table 148: Correlation Matrix for Treated Units in Simulation #41

	age	educ	black	married	re74	re75	u74	u75
age	1.000							
educ	–0.152	1.000						
black	0.015	–0.096	1.000					
married	0.317	–0.055	–0.038	1.000				
re74	0.122	–0.016	–0.030	0.165	1.000			
re75	0.007	–0.005	–0.037	0.101	0.610	1.000		
u74	0.094	0.023	–0.006	–0.024	–0.627	–0.540	1.000	
u75	0.190	0.032	0.022	0.040	–0.471	–0.557	0.715	1.000

Note: The values in each cell represent the pairwise correlation coefficients between the main control variables.

Table 149: Correlation Matrix for Control Units in Simulation #41

	age	educ	black	married	re74	re75	u74	u75
age	1.000							
educ	–0.157	1.000						
black	–0.005	–0.114	1.000					
married	0.409	–0.027	–0.049	1.000				
re74	0.394	0.086	–0.067	0.359	1.000			
re75	0.293	0.130	–0.077	0.326	0.742	1.000		
u74	–0.062	–0.036	0.013	–0.130	–0.477	–0.423	1.000	
u75	0.017	0.006	0.034	–0.055	–0.383	–0.460	0.600	1.000

Note: The values in each cell represent the pairwise correlation coefficients between the main control variables.

Table 150: Correlation Matrix for Treated Units in Simulation #42

	age	educ	black	married	re74	re75	u74	u75
age	1.000							
educ	–0.162	1.000						
black	0.021	–0.119	1.000					
married	0.319	–0.055	–0.036	1.000				
re74	0.075	–0.017	–0.019	0.140	1.000			
re75	–0.032	0.011	–0.035	0.083	0.552	1.000		
u74	0.143	0.034	–0.013	0.001	–0.627	–0.491	1.000	
u75	0.231	0.062	0.013	0.063	–0.477	–0.530	0.743	1.000

Note: The values in each cell represent the pairwise correlation coefficients between the main control variables.

Table 151: Correlation Matrix for Control Units in Simulation #42

	age	educ	black	married	re74	re75	u74	u75
age	1.000							
educ	–0.156	1.000						
black	–0.006	–0.117	1.000					
married	0.409	–0.027	–0.051	1.000				
re74	0.395	0.087	–0.068	0.360	1.000			
re75	0.293	0.130	–0.077	0.326	0.743	1.000		
u74	–0.060	–0.036	0.012	–0.130	–0.476	–0.423	1.000	
u75	0.019	0.009	0.036	–0.055	–0.384	–0.460	0.600	1.000

Note: The values in each cell represent the pairwise correlation coefficients between the main control variables.

Table 152: Correlation Matrix for Treated Units in Simulation #43

	age	educ	black	married	re74	re75	u74	u75
age	1.000							
educ	–0.152	1.000						
black	0.015	–0.096	1.000					
married	0.317	–0.055	–0.038	1.000				
re74	0.122	–0.016	–0.030	0.165	1.000			
re75	0.007	–0.005	–0.037	0.101	0.610	1.000		
u74	0.094	0.023	–0.006	–0.024	–0.627	–0.540	1.000	
u75	0.190	0.032	0.022	0.040	–0.471	–0.557	0.715	1.000

Note: The values in each cell represent the pairwise correlation coefficients between the main control variables.

Table 153: Correlation Matrix for Control Units in Simulation #43

	age	educ	black	married	re74	re75	u74	u75
age	1.000							
educ	–0.157	1.000						
black	–0.005	–0.114	1.000					
married	0.409	–0.027	–0.049	1.000				
re74	0.394	0.086	–0.067	0.359	1.000			
re75	0.293	0.130	–0.077	0.326	0.742	1.000		
u74	–0.062	–0.036	0.013	–0.130	–0.477	–0.423	1.000	
u75	0.017	0.006	0.034	–0.055	–0.383	–0.460	0.600	1.000

Note: The values in each cell represent the pairwise correlation coefficients between the main control variables.

Table 154: Correlation Matrix for Treated Units in Simulation #44

	age	educ	black	married	re74	re75	u74	u75
age	1.000							
educ	–0.162	1.000						
black	0.021	–0.119	1.000					
married	0.319	–0.055	–0.036	1.000				
re74	0.075	–0.017	–0.019	0.140	1.000			
re75	–0.032	0.011	–0.035	0.083	0.552	1.000		
u74	0.143	0.034	–0.013	0.001	–0.627	–0.491	1.000	
u75	0.231	0.062	0.013	0.063	–0.477	–0.530	0.743	1.000

Note: The values in each cell represent the pairwise correlation coefficients between the main control variables.

Table 155: Correlation Matrix for Control Units in Simulation #44

	age	educ	black	married	re74	re75	u74	u75
age	1.000							
educ	–0.156	1.000						
black	–0.006	–0.117	1.000					
married	0.409	–0.027	–0.051	1.000				
re74	0.395	0.087	–0.068	0.360	1.000			
re75	0.293	0.130	–0.077	0.326	0.743	1.000		
u74	–0.060	–0.036	0.012	–0.130	–0.476	–0.423	1.000	
u75	0.019	0.009	0.036	–0.055	–0.384	–0.460	0.600	1.000

Note: The values in each cell represent the pairwise correlation coefficients between the main control variables.

Table 156: Correlation Matrix for Treated Units in Simulation #45

	age	educ	black	married	re74	re75	u74	u75
age	1.000							
educ	–0.144	1.000						
black	0.006	–0.097	1.000					
married	0.358	–0.054	–0.048	1.000				
re74	0.204	–0.014	–0.041	0.232	1.000			
re75	0.051	0.004	–0.056	0.136	0.575	1.000		
u74	0.093	0.026	–0.011	–0.030	–0.563	–0.454	1.000	
u75	0.216	0.040	0.020	0.057	–0.404	–0.504	0.669	1.000

Note: The values in each cell represent the pairwise correlation coefficients between the main control variables.

Table 157: Correlation Matrix for Control Units in Simulation #45

	age	educ	black	married	re74	re75	u74	u75
age	1.000							
educ	–0.158	1.000						
black	–0.006	–0.116	1.000					
married	0.409	–0.027	–0.050	1.000				
re74	0.394	0.084	–0.067	0.359	1.000			
re75	0.293	0.130	–0.077	0.327	0.743	1.000		
u74	–0.059	–0.034	0.013	–0.128	–0.477	–0.423	1.000	
u75	0.020	0.008	0.033	–0.053	–0.383	–0.460	0.600	1.000

Note: The values in each cell represent the pairwise correlation coefficients between the main control variables.

Table 158: Correlation Matrix for Treated Units in Simulation #46

	age	educ	black	married	re74	re75	u74	u75
age	1.000							
educ	–0.134	1.000						
black	0.010	–0.107	1.000					
married	0.337	–0.036	–0.040	1.000				
re74	0.173	–0.001	–0.028	0.205	1.000			
re75	0.039	0.032	–0.051	0.134	0.493	1.000		
u74	0.098	0.027	–0.017	–0.023	–0.556	–0.378	1.000	
u75	0.234	0.062	0.020	0.078	–0.358	–0.417	0.618	1.000

Note: The values in each cell represent the pairwise correlation coefficients between the main control variables.

Table 159: Correlation Matrix for Control Units in Simulation #46

	age	educ	black	married	re74	re75	u74	u75
age	1.000							
educ	–0.157	1.000						
black	–0.006	–0.118	1.000					
married	0.409	–0.027	–0.051	1.000				
re74	0.394	0.086	–0.067	0.360	1.000			
re75	0.292	0.130	–0.076	0.326	0.743	1.000		
u74	–0.060	–0.036	0.012	–0.129	–0.476	–0.423	1.000	
u75	0.021	0.010	0.035	–0.053	–0.384	–0.461	0.601	1.000

Note: The values in each cell represent the pairwise correlation coefficients between the main control variables.

Table 160: Correlation Matrix for Treated Units in Simulation #47

	age	educ	black	married	re74	re75	u74	u75
age	1.000							
educ	–0.144	1.000						
black	0.006	–0.097	1.000					
married	0.358	–0.054	–0.048	1.000				
re74	0.204	–0.014	–0.041	0.232	1.000			
re75	0.051	0.004	–0.056	0.136	0.575	1.000		
u74	0.093	0.026	–0.011	–0.030	–0.563	–0.454	1.000	
u75	0.216	0.040	0.020	0.057	–0.404	–0.504	0.669	1.000

Note: The values in each cell represent the pairwise correlation coefficients between the main control variables.

Table 161: Correlation Matrix for Control Units in Simulation #47

	age	educ	black	married	re74	re75	u74	u75
age	1.000							
educ	–0.158	1.000						
black	–0.006	–0.116	1.000					
married	0.409	–0.027	–0.050	1.000				
re74	0.394	0.084	–0.067	0.359	1.000			
re75	0.293	0.130	–0.077	0.327	0.743	1.000		
u74	–0.059	–0.034	0.013	–0.128	–0.477	–0.423	1.000	
u75	0.020	0.008	0.033	–0.053	–0.383	–0.460	0.600	1.000

Note: The values in each cell represent the pairwise correlation coefficients between the main control variables.

Table 162: Correlation Matrix for Treated Units in Simulation #48

	age	educ	black	married	re74	re75	u74	u75
age	1.000							
educ	–0.134	1.000						
black	0.010	–0.107	1.000					
married	0.337	–0.036	–0.040	1.000				
re74	0.173	–0.001	–0.028	0.205	1.000			
re75	0.039	0.032	–0.051	0.134	0.493	1.000		
u74	0.098	0.027	–0.017	–0.023	–0.556	–0.378	1.000	
u75	0.234	0.062	0.020	0.078	–0.358	–0.417	0.618	1.000

Note: The values in each cell represent the pairwise correlation coefficients between the main control variables.

Table 163: Correlation Matrix for Control Units in Simulation #48

	age	educ	black	married	re74	re75	u74	u75
age	1.000							
educ	–0.157	1.000						
black	–0.006	–0.118	1.000					
married	0.409	–0.027	–0.051	1.000				
re74	0.394	0.086	–0.067	0.360	1.000			
re75	0.292	0.130	–0.076	0.326	0.743	1.000		
u74	–0.060	–0.036	0.012	–0.129	–0.476	–0.423	1.000	
u75	0.021	0.010	0.035	–0.053	–0.384	–0.461	0.601	1.000

Note: The values in each cell represent the pairwise correlation coefficients between the main control variables.

Table 164: Correlation Matrix for Treated Units in Simulation #49

	age	educ	black	married	re74	re75	u74	u75
age	1.000							
educ	–0.258	1.000						
black	–0.035	–0.167	1.000					
married	0.190	–0.085	–0.082	1.000				
re74	–0.132	0.038	0.035	0.035	1.000			
re75	–0.161	0.037	0.042	0.009	0.619	1.000		
u74	0.324	–0.004	–0.129	0.057	–0.626	–0.540	1.000	
u75	0.312	–0.001	–0.123	0.060	–0.471	–0.558	0.718	1.000

Note: The values in each cell represent the pairwise correlation coefficients between the main control variables.

Table 165: Correlation Matrix for Control Units in Simulation #49

	age	educ	black	married	re74	re75	u74	u75
age	1.000							
educ	–0.221	1.000						
black	–0.031	–0.351	1.000					
married	0.205	–0.023	–0.112	1.000				
re74	0.316	0.280	–0.220	0.167	1.000			
re75	0.237	0.309	–0.219	0.148	0.677	1.000		
u74	0.113	–0.041	–0.034	–0.020	–0.354	–0.235	1.000	
u75	0.110	–0.078	–0.000	–0.028	–0.272	–0.361	0.670	1.000

Note: The values in each cell represent the pairwise correlation coefficients between the main control variables.

Table 166: Correlation Matrix for Treated Units in Simulation #50

	age	educ	black	married	re74	re75	u74	u75
age	1.000							
educ	–0.285	1.000						
black	–0.032	–0.213	1.000					
married	0.203	–0.094	–0.088	1.000				
re74	–0.169	0.023	0.054	0.029	1.000			
re75	–0.181	0.026	0.048	0.007	0.547	1.000		
u74	0.367	0.040	–0.155	0.065	–0.623	–0.490	1.000	
u75	0.359	0.050	–0.141	0.060	–0.471	–0.531	0.739	1.000

Note: The values in each cell represent the pairwise correlation coefficients between the main control variables.

Table 167: Correlation Matrix for Control Units in Simulation #50

	age	educ	black	married	re74	re75	u74	u75
age	1.000							
educ	–0.223	1.000						
black	–0.035	–0.358	1.000					
married	0.209	–0.032	–0.119	1.000				
re74	0.315	0.285	–0.220	0.168	1.000			
re75	0.239	0.309	–0.217	0.146	0.677	1.000		
u74	0.127	–0.052	–0.037	–0.025	–0.354	–0.235	1.000	
u75	0.123	–0.072	0.001	–0.036	–0.272	–0.361	0.670	1.000

Note: The values in each cell represent the pairwise correlation coefficients between the main control variables.

Table 168: Correlation Matrix for Treated Units in Simulation #51

	age	educ	black	married	re74	re75	u74	u75
age	1.000							
educ	–0.258	1.000						
black	–0.035	–0.167	1.000					
married	0.190	–0.085	–0.082	1.000				
re74	–0.132	0.038	0.035	0.035	1.000			
re75	–0.161	0.037	0.042	0.009	0.619	1.000		
u74	0.324	–0.004	–0.129	0.057	–0.626	–0.540	1.000	
u75	0.312	–0.001	–0.123	0.060	–0.471	–0.558	0.718	1.000

Note: The values in each cell represent the pairwise correlation coefficients between the main control variables.

Table 169: Correlation Matrix for Control Units in Simulation #51

	age	educ	black	married	re74	re75	u74	u75
age	1.000							
educ	–0.221	1.000						
black	–0.031	–0.351	1.000					
married	0.205	–0.023	–0.112	1.000				
re74	0.316	0.280	–0.220	0.167	1.000			
re75	0.237	0.309	–0.219	0.148	0.677	1.000		
u74	0.113	–0.041	–0.034	–0.020	–0.354	–0.235	1.000	
u75	0.110	–0.078	–0.000	–0.028	–0.272	–0.361	0.670	1.000

Note: The values in each cell represent the pairwise correlation coefficients between the main control variables.

Table 170: Correlation Matrix for Treated Units in Simulation #52

	age	educ	black	married	re74	re75	u74	u75
age	1.000							
educ	–0.285	1.000						
black	–0.032	–0.213	1.000					
married	0.203	–0.094	–0.088	1.000				
re74	–0.169	0.023	0.054	0.029	1.000			
re75	–0.181	0.026	0.048	0.007	0.547	1.000		
u74	0.367	0.040	–0.155	0.065	–0.623	–0.490	1.000	
u75	0.359	0.050	–0.141	0.060	–0.471	–0.531	0.739	1.000

Note: The values in each cell represent the pairwise correlation coefficients between the main control variables.

Table 171: Correlation Matrix for Control Units in Simulation #52

	age	educ	black	married	re74	re75	u74	u75
age	1.000							
educ	–0.223	1.000						
black	–0.035	–0.358	1.000					
married	0.209	–0.032	–0.119	1.000				
re74	0.315	0.285	–0.220	0.168	1.000			
re75	0.239	0.309	–0.217	0.146	0.677	1.000		
u74	0.127	–0.052	–0.037	–0.025	–0.354	–0.235	1.000	
u75	0.123	–0.072	0.001	–0.036	–0.272	–0.361	0.670	1.000

Note: The values in each cell represent the pairwise correlation coefficients between the main control variables.

Table 172: Correlation Matrix for Treated Units in Simulation #53

	age	educ	black	married	re74	re75	u74	u75
age	1.000							
educ	–0.238	1.000						
black	–0.078	–0.183	1.000					
married	0.219	–0.082	–0.112	1.000				
re74	–0.126	0.046	0.026	0.056	1.000			
re75	–0.165	0.049	0.036	0.019	0.565	1.000		
u74	0.410	0.019	–0.180	0.097	–0.562	–0.452	1.000	
u75	0.388	0.015	–0.170	0.094	–0.406	–0.504	0.670	1.000

Note: The values in each cell represent the pairwise correlation coefficients between the main control variables.

Table 173: Correlation Matrix for Control Units in Simulation #53

	age	educ	black	married	re74	re75	u74	u75
age	1.000							
educ	–0.223	1.000						
black	–0.035	–0.357	1.000					
married	0.204	–0.028	–0.115	1.000				
re74	0.312	0.279	–0.218	0.165	1.000			
re75	0.239	0.308	–0.219	0.148	0.676	1.000		
u74	0.132	–0.034	–0.040	–0.010	–0.354	–0.236	1.000	
u75	0.129	–0.071	–0.011	–0.019	–0.273	–0.361	0.670	1.000

Note: The values in each cell represent the pairwise correlation coefficients between the main control variables.

Table 174: Correlation Matrix for Treated Units in Simulation #54

	age	educ	black	married	re74	re75	u74	u75
age	1.000							
educ	–0.252	1.000						
black	–0.082	–0.198	1.000					
married	0.208	–0.077	–0.119	1.000				
re74	–0.132	0.045	0.046	0.055	1.000			
re75	–0.144	0.048	0.033	0.022	0.483	1.000		
u74	0.404	0.040	–0.207	0.086	–0.557	–0.379	1.000	
u75	0.388	0.058	–0.179	0.084	–0.357	–0.418	0.613	1.000

Note: The values in each cell represent the pairwise correlation coefficients between the main control variables.

Table 175: Correlation Matrix for Control Units in Simulation #54

	age	educ	black	married	re74	re75	u74	u75
age	1.000							
educ	–0.226	1.000						
black	–0.036	–0.362	1.000					
married	0.207	–0.032	–0.119	1.000				
re74	0.312	0.284	–0.218	0.167	1.000			
re75	0.243	0.308	–0.216	0.146	0.676	1.000		
u74	0.139	–0.048	–0.045	–0.019	–0.354	–0.235	1.000	
u75	0.139	–0.067	–0.010	–0.025	–0.272	–0.361	0.670	1.000

Note: The values in each cell represent the pairwise correlation coefficients between the main control variables.

Table 176: Correlation Matrix for Treated Units in Simulation #55

	age	educ	black	married	re74	re75	u74	u75
age	1.000							
educ	–0.238	1.000						
black	–0.078	–0.183	1.000					
married	0.219	–0.082	–0.112	1.000				
re74	–0.126	0.046	0.026	0.056	1.000			
re75	–0.165	0.049	0.036	0.019	0.565	1.000		
u74	0.410	0.019	–0.180	0.097	–0.562	–0.452	1.000	
u75	0.388	0.015	–0.170	0.094	–0.406	–0.504	0.670	1.000

Note: The values in each cell represent the pairwise correlation coefficients between the main control variables.

Table 177: Correlation Matrix for Control Units in Simulation #55

	age	educ	black	married	re74	re75	u74	u75
age	1.000							
educ	–0.223	1.000						
black	–0.035	–0.357	1.000					
married	0.204	–0.028	–0.115	1.000				
re74	0.312	0.279	–0.218	0.165	1.000			
re75	0.239	0.308	–0.219	0.148	0.676	1.000		
u74	0.132	–0.034	–0.040	–0.010	–0.354	–0.236	1.000	
u75	0.129	–0.071	–0.011	–0.019	–0.273	–0.361	0.670	1.000

Note: The values in each cell represent the pairwise correlation coefficients between the main control variables.

Table 178: Correlation Matrix for Treated Units in Simulation #56

	age	educ	black	married	re74	re75	u74	u75
age	1.000							
educ	–0.252	1.000						
black	–0.082	–0.198	1.000					
married	0.208	–0.077	–0.119	1.000				
re74	–0.132	0.045	0.046	0.055	1.000			
re75	–0.144	0.048	0.033	0.022	0.483	1.000		
u74	0.404	0.040	–0.207	0.086	–0.557	–0.379	1.000	
u75	0.388	0.058	–0.179	0.084	–0.357	–0.418	0.613	1.000

Note: The values in each cell represent the pairwise correlation coefficients between the main control variables.

Table 179: Correlation Matrix for Control Units in Simulation #56

	age	educ	black	married	re74	re75	u74	u75
age	1.000							
educ	–0.226	1.000						
black	–0.036	–0.362	1.000					
married	0.207	–0.032	–0.119	1.000				
re74	0.312	0.284	–0.218	0.167	1.000			
re75	0.243	0.308	–0.216	0.146	0.676	1.000		
u74	0.139	–0.048	–0.045	–0.019	–0.354	–0.235	1.000	
u75	0.139	–0.067	–0.010	–0.025	–0.272	–0.361	0.670	1.000

Note: The values in each cell represent the pairwise correlation coefficients between the main control variables.

Table 180: Correlation Matrix for Treated Units in Simulation #57

	age	educ	black	married	re74	re75	u74	u75
age	1.000							
educ	–0.259	1.000						
black	–0.034	–0.168	1.000					
married	0.188	–0.088	–0.081	1.000				
re74	–0.131	0.036	0.034	0.038	1.000			
re75	–0.160	0.034	0.044	0.010	0.619	1.000		
u74	0.323	–0.003	–0.130	0.054	–0.625	–0.539	1.000	
u75	0.310	–0.001	–0.123	0.057	–0.470	–0.557	0.717	1.000

Note: The values in each cell represent the pairwise correlation coefficients between the main control variables.

Table 181: Correlation Matrix for Control Units in Simulation #57

	age	educ	black	married	re74	re75	u74	u75
age	1.000							
educ	–0.221	1.000						
black	–0.031	–0.351	1.000					
married	0.205	–0.021	–0.113	1.000				
re74	0.317	0.280	–0.220	0.167	1.000			
re75	0.238	0.309	–0.219	0.148	0.676	1.000		
u74	0.112	–0.041	–0.034	–0.020	–0.353	–0.235	1.000	
u75	0.109	–0.078	–0.000	–0.028	–0.272	–0.361	0.669	1.000

Note: The values in each cell represent the pairwise correlation coefficients between the main control variables.

Table 182: Correlation Matrix for Treated Units in Simulation #58

	age	educ	black	married	re74	re75	u74	u75
age	1.000							
educ	–0.287	1.000						
black	–0.030	–0.214	1.000					
married	0.202	–0.095	–0.091	1.000				
re74	–0.167	0.018	0.054	0.032	1.000			
re75	–0.181	0.022	0.048	0.008	0.551	1.000		
u74	0.365	0.044	–0.155	0.063	–0.624	–0.491	1.000	
u75	0.359	0.052	–0.138	0.058	–0.471	–0.532	0.737	1.000

Note: The values in each cell represent the pairwise correlation coefficients between the main control variables.

Table 183: Correlation Matrix for Control Units in Simulation #58

	age	educ	black	married	re74	re75	u74	u75
age	1.000							
educ	–0.222	1.000						
black	–0.035	–0.359	1.000					
married	0.210	–0.032	–0.118	1.000				
re74	0.315	0.285	–0.220	0.168	1.000			
re75	0.239	0.309	–0.216	0.146	0.675	1.000		
u74	0.127	–0.051	–0.038	–0.025	–0.354	–0.234	1.000	
u75	0.123	–0.072	0.001	–0.036	–0.271	–0.361	0.668	1.000

Note: The values in each cell represent the pairwise correlation coefficients between the main control variables.

Table 184: Correlation Matrix for Treated Units in Simulation #59

	age	educ	black	married	re74	re75	u74	u75
age	1.000							
educ	–0.259	1.000						
black	–0.034	–0.168	1.000					
married	0.188	–0.088	–0.081	1.000				
re74	–0.131	0.036	0.034	0.038	1.000			
re75	–0.160	0.034	0.044	0.010	0.619	1.000		
u74	0.323	–0.003	–0.130	0.054	–0.625	–0.539	1.000	
u75	0.310	–0.001	–0.123	0.057	–0.470	–0.557	0.717	1.000

Note: The values in each cell represent the pairwise correlation coefficients between the main control variables.

Table 185: Correlation Matrix for Control Units in Simulation #59

	age	educ	black	married	re74	re75	u74	u75
age	1.000							
educ	–0.221	1.000						
black	–0.031	–0.351	1.000					
married	0.205	–0.021	–0.113	1.000				
re74	0.317	0.280	–0.220	0.167	1.000			
re75	0.238	0.309	–0.219	0.148	0.676	1.000		
u74	0.112	–0.041	–0.034	–0.020	–0.353	–0.235	1.000	
u75	0.109	–0.078	–0.000	–0.028	–0.272	–0.361	0.669	1.000

Note: The values in each cell represent the pairwise correlation coefficients between the main control variables.

Table 186: Correlation Matrix for Treated Units in Simulation #60

	age	educ	black	married	re74	re75	u74	u75
age	1.000							
educ	–0.287	1.000						
black	–0.030	–0.214	1.000					
married	0.202	–0.095	–0.091	1.000				
re74	–0.167	0.018	0.054	0.032	1.000			
re75	–0.181	0.022	0.048	0.008	0.551	1.000		
u74	0.365	0.044	–0.155	0.063	–0.624	–0.491	1.000	
u75	0.359	0.052	–0.138	0.058	–0.471	–0.532	0.737	1.000

Note: The values in each cell represent the pairwise correlation coefficients between the main control variables.

Table 187: Correlation Matrix for Control Units in Simulation #60

	age	educ	black	married	re74	re75	u74	u75
age	1.000							
educ	–0.222	1.000						
black	–0.035	–0.359	1.000					
married	0.210	–0.032	–0.118	1.000				
re74	0.315	0.285	–0.220	0.168	1.000			
re75	0.239	0.309	–0.216	0.146	0.675	1.000		
u74	0.127	–0.051	–0.038	–0.025	–0.354	–0.234	1.000	
u75	0.123	–0.072	0.001	–0.036	–0.271	–0.361	0.668	1.000

Note: The values in each cell represent the pairwise correlation coefficients between the main control variables.

Table 188: Correlation Matrix for Treated Units in Simulation #61

	age	educ	black	married	re74	re75	u74	u75
age	1.000							
educ	–0.236	1.000						
black	–0.084	–0.181	1.000					
married	0.217	–0.082	–0.110	1.000				
re74	–0.124	0.042	0.027	0.056	1.000			
re75	–0.159	0.044	0.033	0.017	0.566	1.000		
u74	0.408	0.023	–0.180	0.096	–0.563	–0.451	1.000	
u75	0.384	0.021	–0.170	0.095	–0.405	–0.503	0.670	1.000

Note: The values in each cell represent the pairwise correlation coefficients between the main control variables.

Table 189: Correlation Matrix for Control Units in Simulation #61

	age	educ	black	married	re74	re75	u74	u75
age	1.000							
educ	–0.223	1.000						
black	–0.035	–0.357	1.000					
married	0.204	–0.028	–0.115	1.000				
re74	0.312	0.278	–0.218	0.166	1.000			
re75	0.240	0.308	–0.219	0.148	0.676	1.000		
u74	0.132	–0.034	–0.040	–0.011	–0.353	–0.235	1.000	
u75	0.128	–0.070	–0.010	–0.020	–0.273	–0.361	0.670	1.000

Note: The values in each cell represent the pairwise correlation coefficients between the main control variables.

Table 190: Correlation Matrix for Treated Units in Simulation #62

	age	educ	black	married	re74	re75	u74	u75
age	1.000							
educ	–0.244	1.000						
black	–0.084	–0.196	1.000					
married	0.208	–0.076	–0.117	1.000				
re74	–0.134	0.045	0.045	0.054	1.000			
re75	–0.142	0.048	0.033	0.024	0.488	1.000		
u74	0.406	0.044	–0.208	0.086	–0.556	–0.379	1.000	
u75	0.391	0.062	–0.178	0.087	–0.356	–0.417	0.613	1.000

Note: The values in each cell represent the pairwise correlation coefficients between the main control variables.

Table 191: Correlation Matrix for Control Units in Simulation #62

	age	educ	black	married	re74	re75	u74	u75
age	1.000							
educ	–0.226	1.000						
black	–0.037	–0.362	1.000					
married	0.207	–0.031	–0.120	1.000				
re74	0.312	0.284	–0.219	0.167	1.000			
re75	0.242	0.308	–0.216	0.147	0.676	1.000		
u74	0.140	–0.047	–0.045	–0.018	–0.354	–0.236	1.000	
u75	0.139	–0.066	–0.009	–0.025	–0.273	–0.361	0.670	1.000

Note: The values in each cell represent the pairwise correlation coefficients between the main control variables.

Table 192: Correlation Matrix for Treated Units in Simulation #63

	age	educ	black	married	re74	re75	u74	u75
age	1.000							
educ	–0.236	1.000						
black	–0.084	–0.181	1.000					
married	0.217	–0.082	–0.110	1.000				
re74	–0.124	0.042	0.027	0.056	1.000			
re75	–0.159	0.044	0.033	0.017	0.566	1.000		
u74	0.408	0.023	–0.180	0.096	–0.563	–0.451	1.000	
u75	0.384	0.021	–0.170	0.095	–0.405	–0.503	0.670	1.000

Note: The values in each cell represent the pairwise correlation coefficients between the main control variables.

Table 193: Correlation Matrix for Control Units in Simulation #63

	age	educ	black	married	re74	re75	u74	u75
age	1.000							
educ	–0.223	1.000						
black	–0.035	–0.357	1.000					
married	0.204	–0.028	–0.115	1.000				
re74	0.312	0.278	–0.218	0.166	1.000			
re75	0.240	0.308	–0.219	0.148	0.676	1.000		
u74	0.132	–0.034	–0.040	–0.011	–0.353	–0.235	1.000	
u75	0.128	–0.070	–0.010	–0.020	–0.273	–0.361	0.670	1.000

Note: The values in each cell represent the pairwise correlation coefficients between the main control variables.

Table 194: Correlation Matrix for Treated Units in Simulation #64

	age	educ	black	married	re74	re75	u74	u75
age	1.000							
educ	–0.244	1.000						
black	–0.084	–0.196	1.000					
married	0.208	–0.076	–0.117	1.000				
re74	–0.134	0.045	0.045	0.054	1.000			
re75	–0.142	0.048	0.033	0.024	0.488	1.000		
u74	0.406	0.044	–0.208	0.086	–0.556	–0.379	1.000	
u75	0.391	0.062	–0.178	0.087	–0.356	–0.417	0.613	1.000

Note: The values in each cell represent the pairwise correlation coefficients between the main control variables.

Table 195: Correlation Matrix for Control Units in Simulation #64

	age	educ	black	married	re74	re75	u74	u75
age	1.000							
educ	–0.226	1.000						
black	–0.037	–0.362	1.000					
married	0.207	–0.031	–0.120	1.000				
re74	0.312	0.284	–0.219	0.167	1.000			
re75	0.242	0.308	–0.216	0.147	0.676	1.000		
u74	0.140	–0.047	–0.045	–0.018	–0.354	–0.236	1.000	
u75	0.139	–0.066	–0.009	–0.025	–0.273	–0.361	0.670	1.000

Note: The values in each cell represent the pairwise correlation coefficients between the main control variables.

5 Overlap in the Simulated Data

Table 196: Overlap in the Simulated Data (Placebo Design)

	Measure 1		Measure 2	
	Mean	SD	Mean	SD
Simulation #1	0.148	0.0632	0.997	0.00112
Simulation #2	0.113	0.0571	0.998	0.000907
Simulation #3	0.202	0.0869	0.997	0.00142
Simulation #4	0.157	0.0841	0.998	0.00108
Simulation #5	0.0926	0.0530	0.999	0.000645
Simulation #6	0.0721	0.0528	0.999	0.000473
Simulation #7	0.152	0.0927	1.000	0.000417
Simulation #8	0.121	0.0894	1.000	0.000304
Simulation #9	0.146	0.0600	0.997	0.00111
Simulation #10	0.112	0.0494	0.998	0.000897
Simulation #11	0.198	0.0837	0.997	0.00143
Simulation #12	0.149	0.0740	0.999	0.00108
Simulation #13	0.0929	0.0574	0.999	0.000597
Simulation #14	0.0727	0.0489	0.999	0.000521
Simulation #15	0.149	0.0839	1.000	0.000428
Simulation #16	0.119	0.0761	1.000	0.000277
Simulation #17	0.254	0.0925	0.973	0.00892
Simulation #18	0.258	0.204	0.980	0.00740
Simulation #19	0.293	0.0664	0.976	0.00822
Simulation #20	0.250	0.0666	0.982	0.00638
Simulation #21	0.222	0.189	0.985	0.00576
Simulation #22	0.156	0.0874	0.987	0.00484
Simulation #23	0.241	0.0704	0.986	0.00544
Simulation #24	0.209	0.0685	0.990	0.00424
Simulation #25	0.254	0.0885	0.973	0.00896
Simulation #26	0.256	0.201	0.980	0.00754
Simulation #27	0.294	0.0660	0.976	0.00811
Simulation #28	0.251	0.0633	0.982	0.00643
Simulation #29	0.216	0.176	0.985	0.00593
Simulation #30	0.159	0.0963	0.988	0.00490
Simulation #31	0.241	0.0699	0.986	0.00540
Simulation #32	0.209	0.0712	0.990	0.00426

Note: "Measure 1" is calculated as the proportion of all units whose estimated propensity scores are not larger than the smaller of the two subgroup-specific maximums and not smaller than the larger of the two subgroup-specific minimums of the estimated propensity score. "Measure 2" is calculated as the proportion of all units whose estimated propensity scores are not larger than the maximum and not smaller than the minimum estimated propensity score among the control units.

Table 197: Overlap in the Simulated Data (Structured Design)

	Measure 1		Measure 2	
	Mean	SD	Mean	SD
Simulation #33	0.441	0.166	0.998	0.00121
Simulation #34	0.560	0.190	0.999	0.000453
Simulation #35	0.590	0.167	1.000	0.000307
Simulation #36	0.620	0.188	1.000	0.000175
Simulation #37	0.470	0.173	0.999	0.000465
Simulation #38	0.550	0.181	1.000	0.000213
Simulation #39	0.644	0.160	1.000	9.67e-05
Simulation #40	0.665	0.181	1.000	4.00e-05
Simulation #41	0.447	0.167	0.998	0.00115
Simulation #42	0.552	0.194	0.999	0.000434
Simulation #43	0.602	0.164	1.000	0.000322
Simulation #44	0.618	0.187	1.000	0.000154
Simulation #45	0.478	0.166	0.999	0.000443
Simulation #46	0.551	0.194	1.000	0.000204
Simulation #47	0.653	0.162	1.000	7.52e-05
Simulation #48	0.658	0.180	1.000	4.24e-05
Simulation #49	0.268	0.119	0.956	0.0136
Simulation #50	0.368	0.145	0.979	0.00869
Simulation #51	0.418	0.126	0.976	0.0113
Simulation #52	0.449	0.140	0.987	0.00732
Simulation #53	0.329	0.140	0.981	0.00705
Simulation #54	0.388	0.149	0.988	0.00497
Simulation #55	0.485	0.128	0.992	0.00483
Simulation #56	0.502	0.141	0.993	0.00426
Simulation #57	0.270	0.120	0.956	0.0140
Simulation #58	0.369	0.145	0.979	0.00884
Simulation #59	0.413	0.126	0.976	0.0118
Simulation #60	0.448	0.141	0.987	0.00738
Simulation #61	0.329	0.140	0.981	0.00703
Simulation #62	0.394	0.153	0.988	0.00509
Simulation #63	0.487	0.132	0.992	0.00489
Simulation #64	0.507	0.138	0.994	0.00413

Note: "Measure 1" is calculated as the proportion of all units whose estimated propensity scores are not larger than the smaller of the two subgroup-specific maximums and not smaller than the larger of the two subgroup-specific minimums of the estimated propensity score. "Measure 2" is calculated as the proportion of all units whose estimated propensity scores are not larger than the maximum and not smaller than the minimum estimated propensity score among the control units.

6 Nonexperimental Estimates

Table 198: Set #1 of Nonexperimental Estimates

	Estimate	Bias
LPM	–34	–34
LPM, overlap corr.	–36	–36
OB LPM	61	61
OB LPM, overlap corr.	57	57
Kernel matching, uniform	307	307
Kernel matching, Gaussian	140	140
Kernel matching, Epanechnikov	246	246
Local linear regression	605	605
NN matching on covs, $M = 1$	–245	–245
NN matching on covs, $M = 2$	–370	–370
NN matching on covs, $M = 4$	–548	–548
NN matching on covs, bias-adj., $M = 1$	91	91
NN matching on covs, bias-adj., $M = 2$	–125	–125
NN matching on covs, bias-adj., $M = 4$	–208	–208
NN matching on pscore, $M = 1$	456	456
NN matching on pscore, $M = 2$	209	209
NN matching on pscore, $M = 4$	296	296
NN matching on pscore, bias-adj., $M = 1$	–179	–179
NN matching on pscore, bias-adj., $M = 2$	164	164
NN matching on pscore, bias-adj., $M = 4$	235	235
Normalized reweighting	–14	–14
Normalized reweighting, overlap corr.	7	7
Efficient reweighting	–885	–885
Efficient reweighting, overlap corr.	–879	–879
Doubly robust regression, linear	–121	–121
Doubly robust regression, linear, overlap corr.	–119	–119

Note: "Overlap corr." denotes the estimates which are obtained after removing all the treated observations from outside the overlap region. Codebook for numbering the sets of nonexperimental estimates is provided in Table 1.

Table 199: Set #2 of Nonexperimental Estimates

	Estimate	Bias
LPM	1,567	–227
LPM, overlap corr.	1,577	–217
OB LPM	1,669	–126
OB LPM, overlap corr.	1,677	–117
Kernel matching, uniform	1,194	–600
Kernel matching, Gaussian	1,074	–721
Kernel matching, Epanechnikov	1,213	–582
Local linear regression	1,407	–387
NN matching on covs, $M = 1$	1,564	–231
NN matching on covs, $M = 2$	1,472	–323
NN matching on covs, $M = 4$	1,241	–553
NN matching on covs, bias-adj., $M = 1$	1,794	0
NN matching on covs, bias-adj., $M = 2$	1,705	–89
NN matching on covs, bias-adj., $M = 4$	1,583	–212
NN matching on pscore, $M = 1$	1,839	45
NN matching on pscore, $M = 2$	1,534	–261
NN matching on pscore, $M = 4$	1,463	–332
NN matching on pscore, bias-adj., $M = 1$	2,370	576
NN matching on pscore, bias-adj., $M = 2$	2,267	472
NN matching on pscore, bias-adj., $M = 4$	1,598	–196
Normalized reweighting	1,780	–14
Normalized reweighting, overlap corr.	1,862	67
Efficient reweighting	169	–1,625
Efficient reweighting, overlap corr.	194	–1,600
Doubly robust regression, linear	1,583	–211
Doubly robust regression, linear, overlap corr.	1,609	–186

Note: "Overlap corr." denotes the estimates which are obtained after removing all the treated observations from outside the overlap region. Codebook for numbering the sets of nonexperimental estimates is provided in Table 1.

Table 200: Set #3 of Nonexperimental Estimates

	Estimate	Bias
LPM	–468	–468
LPM, overlap corr.	–461	–461
OB LPM	–420	–420
OB LPM, overlap corr.	–411	–411
Kernel matching, uniform	–436	–436
Kernel matching, Gaussian	–511	–511
Kernel matching, Epanechnikov	–507	–507
Local linear regression	–333	–333
NN matching on covs, $M = 1$	–106	–106
NN matching on covs, $M = 2$	–179	–179
NN matching on covs, $M = 4$	–167	–167
NN matching on covs, bias-adj., $M = 1$	–91	–91
NN matching on covs, bias-adj., $M = 2$	–60	–60
NN matching on covs, bias-adj., $M = 4$	–37	–37
NN matching on pscore, $M = 1$	–78	–78
NN matching on pscore, $M = 2$	–669	–669
NN matching on pscore, $M = 4$	–361	–361
NN matching on pscore, bias-adj., $M = 1$	–169	–169
NN matching on pscore, bias-adj., $M = 2$	–839	–839
NN matching on pscore, bias-adj., $M = 4$	–602	–602
Normalized reweighting	–292	–292
Normalized reweighting, overlap corr.	–298	–298
Efficient reweighting	–1,184	–1,184
Efficient reweighting, overlap corr.	–1,214	–1,214
Doubly robust regression, linear	–304	–304
Doubly robust regression, linear, overlap corr.	–302	–302

Note: "Overlap corr." denotes the estimates which are obtained after removing all the treated observations from outside the overlap region. Codebook for numbering the sets of nonexperimental estimates is provided in Table 1.

Table 201: Set #4 of Nonexperimental Estimates

	Estimate	Bias
LPM	1,101	–693
LPM, overlap corr.	1,089	–705
OB LPM	1,174	–620
OB LPM, overlap corr.	1,160	–634
Kernel matching, uniform	1,273	–521
Kernel matching, Gaussian	1,093	–701
Kernel matching, Epanechnikov	1,246	–548
Local linear regression	1,321	–473
NN matching on covs, $M = 1$	2,008	213
NN matching on covs, $M = 2$	1,624	–171
NN matching on covs, $M = 4$	1,882	88
NN matching on covs, bias-adj., $M = 1$	2,134	339
NN matching on covs, bias-adj., $M = 2$	1,697	–98
NN matching on covs, bias-adj., $M = 4$	2,034	240
NN matching on pscore, $M = 1$	860	–934
NN matching on pscore, $M = 2$	997	–797
NN matching on pscore, $M = 4$	1,267	–528
NN matching on pscore, bias-adj., $M = 1$	889	–905
NN matching on pscore, bias-adj., $M = 2$	958	–836
NN matching on pscore, bias-adj., $M = 4$	1,077	–718
Normalized reweighting	1,502	–292
Normalized reweighting, overlap corr.	1,556	–239
Efficient reweighting	–231	–2,025
Efficient reweighting, overlap corr.	–259	–2,053
Doubly robust regression, linear	1,411	–384
Doubly robust regression, linear, overlap corr.	1,395	–399

Note: "Overlap corr." denotes the estimates which are obtained after removing all the treated observations from outside the overlap region. Codebook for numbering the sets of nonexperimental estimates is provided in Table 1.

Table 202: Set #5 of Nonexperimental Estimates

	Estimate	Bias
LPM	–1,132	–1,132
LPM, overlap corr.	–1,132	–1,132
OB LPM	–1,115	–1,115
OB LPM, overlap corr.	–1,115	–1,115
Kernel matching, uniform	–1,208	–1,208
Kernel matching, Gaussian	–863	–863
Kernel matching, Epanechnikov	–1,243	–1,243
Local linear regression	–1,610	–1,610
NN matching on covs, $M = 1$	–1,001	–1,001
NN matching on covs, $M = 2$	–1,193	–1,193
NN matching on covs, $M = 4$	–1,489	–1,489
NN matching on covs, bias-adj., $M = 1$	–713	–713
NN matching on covs, bias-adj., $M = 2$	–1,021	–1,021
NN matching on covs, bias-adj., $M = 4$	–1,130	–1,130
NN matching on pscore, $M = 1$	–1,704	–1,704
NN matching on pscore, $M = 2$	–1,804	–1,804
NN matching on pscore, $M = 4$	–1,628	–1,628
NN matching on pscore, bias-adj., $M = 1$	–1,097	–1,097
NN matching on pscore, bias-adj., $M = 2$	–937	–937
NN matching on pscore, bias-adj., $M = 4$	–1,376	–1,376
Normalized reweighting	–820	–820
Normalized reweighting, overlap corr.	–820	–820
Efficient reweighting	–3,138	–3,138
Efficient reweighting, overlap corr.	–3,138	–3,138
Doubly robust regression, linear	–1,062	–1,062
Doubly robust regression, linear, overlap corr.	–1,062	–1,062

Note: "Overlap corr." denotes the estimates which are obtained after removing all the treated observations from outside the overlap region. Codebook for numbering the sets of nonexperimental estimates is provided in Table 1.

Table 203: Set #6 of Nonexperimental Estimates

	Estimate	Bias
LPM	1,194	–1,555
LPM, overlap corr.	1,194	–1,555
OB LPM	1,258	–1,491
OB LPM, overlap corr.	1,258	–1,491
Kernel matching, uniform	236	–2,513
Kernel matching, Gaussian	611	–2,138
Kernel matching, Epanechnikov	211	–2,538
Local linear regression	862	–1,887
NN matching on covs, $M = 1$	1,240	–1,508
NN matching on covs, $M = 2$	1,383	–1,365
NN matching on covs, $M = 4$	1,157	–1,592
NN matching on covs, bias-adj., $M = 1$	1,537	–1,212
NN matching on covs, bias-adj., $M = 2$	1,654	–1,095
NN matching on covs, bias-adj., $M = 4$	1,524	–1,224
NN matching on pscore, $M = 1$	978	–1,771
NN matching on pscore, $M = 2$	1,108	–1,640
NN matching on pscore, $M = 4$	1,143	–1,606
NN matching on pscore, bias-adj., $M = 1$	–672	–3,420
NN matching on pscore, bias-adj., $M = 2$	482	–2,267
NN matching on pscore, bias-adj., $M = 4$	773	–1,976
Normalized reweighting	1,929	–820
Normalized reweighting, overlap corr.	1,929	–820
Efficient reweighting	–1,888	–4,636
Efficient reweighting, overlap corr.	–1,888	–4,636
Doubly robust regression, linear	1,512	–1,236
Doubly robust regression, linear, overlap corr.	1,512	–1,236

Note: "Overlap corr." denotes the estimates which are obtained after removing all the treated observations from outside the overlap region. Codebook for numbering the sets of nonexperimental estimates is provided in Table 1.

Table 204: Set #7 of Nonexperimental Estimates

	Estimate	Bias
LPM	–1,562	–1,562
LPM, overlap corr.	–1,562	–1,562
OB LPM	–1,574	–1,574
OB LPM, overlap corr.	–1,573	–1,573
Kernel matching, uniform	–2,063	–2,063
Kernel matching, Gaussian	–1,887	–1,887
Kernel matching, Epanechnikov	–2,046	–2,046
Local linear regression	–1,794	–1,794
NN matching on covs, $M = 1$	–783	–783
NN matching on covs, $M = 2$	–798	–798
NN matching on covs, $M = 4$	–924	–924
NN matching on covs, bias-adj., $M = 1$	–866	–866
NN matching on covs, bias-adj., $M = 2$	–743	–743
NN matching on covs, bias-adj., $M = 4$	–826	–826
NN matching on pscore, $M = 1$	–1,332	–1,332
NN matching on pscore, $M = 2$	–1,589	–1,589
NN matching on pscore, $M = 4$	–1,207	–1,207
NN matching on pscore, bias-adj., $M = 1$	–1,172	–1,172
NN matching on pscore, bias-adj., $M = 2$	–1,618	–1,618
NN matching on pscore, bias-adj., $M = 4$	–1,486	–1,486
Normalized reweighting	–1,130	–1,130
Normalized reweighting, overlap corr.	–1,175	–1,175
Efficient reweighting	–2,748	–2,748
Efficient reweighting, overlap corr.	–2,819	–2,819
Doubly robust regression, linear	–1,223	–1,223
Doubly robust regression, linear, overlap corr.	–1,231	–1,231

Note: "Overlap corr." denotes the estimates which are obtained after removing all the treated observations from outside the overlap region. Codebook for numbering the sets of nonexperimental estimates is provided in Table 1.

Table 205: Set #8 of Nonexperimental Estimates

	Estimate	Bias
LPM	748	–2,000
LPM, overlap corr.	748	–2,000
OB LPM	786	–1,962
OB LPM, overlap corr.	786	–1,962
Kernel matching, uniform	1,141	–1,607
Kernel matching, Gaussian	869	–1,879
Kernel matching, Epanechnikov	1,208	–1,540
Local linear regression	1,143	–1,606
NN matching on covs, $M = 1$	1,811	–937
NN matching on covs, $M = 2$	1,696	–1,053
NN matching on covs, $M = 4$	1,814	–934
NN matching on covs, bias-adj., $M = 1$	1,994	–754
NN matching on covs, bias-adj., $M = 2$	1,741	–1,007
NN matching on covs, bias-adj., $M = 4$	2,057	–692
NN matching on pscore, $M = 1$	1,199	–1,549
NN matching on pscore, $M = 2$	1,529	–1,220
NN matching on pscore, $M = 4$	1,308	–1,440
NN matching on pscore, bias-adj., $M = 1$	854	–1,895
NN matching on pscore, bias-adj., $M = 2$	1,275	–1,474
NN matching on pscore, bias-adj., $M = 4$	1,200	–1,548
Normalized reweighting	1,618	–1,130
Normalized reweighting, overlap corr.	1,618	–1,130
Efficient reweighting	–1,133	–3,882
Efficient reweighting, overlap corr.	–1,133	–3,882
Doubly robust regression, linear	1,328	–1,421
Doubly robust regression, linear, overlap corr.	1,328	–1,421

Note: "Overlap corr." denotes the estimates which are obtained after removing all the treated observations from outside the overlap region. Codebook for numbering the sets of nonexperimental estimates is provided in Table 1.

Table 206: Set #9 of Nonexperimental Estimates

	Estimate	Bias
LPM	–0.0507	–0.0507
LPM, overlap corr.	–0.0506	–0.0506
Logit	–0.0284	–0.0284
Logit, overlap corr.	–0.0282	–0.0282
Probit	–0.0233	–0.0233
Probit, overlap corr.	–0.0231	–0.0231
Complementary log-log	–0.0460	–0.0460
Complementary log-log, overlap corr.	–0.0460	–0.0460
OB LPM	–0.0554	–0.0554
OB LPM, overlap corr.	–0.0552	–0.0552
OB logit	–0.0303	–0.0303
OB logit, overlap corr.	–0.0300	–0.0300
OB probit	–0.0408	–0.0408
OB probit, overlap corr.	–0.0405	–0.0405
Kernel matching, uniform	–0.0047	–0.0047
Kernel matching, Gaussian	0.0107	0.0107
Kernel matching, Epanechnikov	0.0066	0.0066
Local linear regression	0.0385	0.0385
Local logit	0.0083	0.0083
NN matching on covs, $M = 1$	–0.0273	–0.0273
NN matching on covs, $M = 2$	0.0051	0.0051
NN matching on covs, $M = 4$	0.0296	0.0296
NN matching on covs, bias-adj., $M = 1$	–0.0383	–0.0383
NN matching on covs, bias-adj., $M = 2$	–0.0138	–0.0138
NN matching on covs, bias-adj., $M = 4$	–0.0009	–0.0009
NN matching on pscore, $M = 1$	–0.0029	–0.0029
NN matching on pscore, $M = 2$	–0.0027	–0.0027
NN matching on pscore, $M = 4$	–0.0015	–0.0015
NN matching on pscore, bias-adj., $M = 1$	0.0048	0.0048
NN matching on pscore, bias-adj., $M = 2$	–0.0166	–0.0166
NN matching on pscore, bias-adj., $M = 4$	–0.0130	–0.0130
Normalized reweighting	–0.0016	–0.0016
Normalized reweighting, overlap corr.	–0.0027	–0.0027
Efficient reweighting	0.0871	0.0871
Efficient reweighting, overlap corr.	0.0874	0.0874
Doubly robust regression, linear	0.0031	0.0031
Doubly robust regression, linear, overlap corr.	0.0026	0.0026
Doubly robust regression, logistic	0.0072	0.0072
Doubly robust regression, logistic, overlap corr.	0.0064	0.0064

Note: "Overlap corr." denotes the estimates which are obtained after removing all the treated observations from outside the overlap region. Codebook for numbering the sets of nonexperimental estimates is provided in Table 1.

Table 207: Set #10 of Nonexperimental Estimates

	Estimate	Bias
LPM	–0.1461	–0.0355
LPM, overlap corr.	–0.1527	–0.0421
Logit	–0.1223	–0.0117
Logit, overlap corr.	–0.1262	–0.0156
Probit	–0.1134	–0.0028
Probit, overlap corr.	–0.1170	–0.0064
Complementary log-log	–0.1275	–0.0169
Complementary log-log, overlap corr.	–0.1301	–0.0195
OB LPM	–0.1496	–0.0390
OB LPM, overlap corr.	–0.1566	–0.0460
OB logit	–0.1349	–0.0243
OB logit, overlap corr.	–0.1419	–0.0313
OB probit	–0.1415	–0.0309
OB probit, overlap corr.	–0.1487	–0.0381
Kernel matching, uniform	–0.0437	0.0669
Kernel matching, Gaussian	–0.0665	0.0441
Kernel matching, Epanechnikov	–0.0610	0.0496
Local linear regression	–0.0523	0.0583
Local logit	–0.0636	0.0470
NN matching on covs, $M = 1$	–0.0837	0.0269
NN matching on covs, $M = 2$	–0.0987	0.0119
NN matching on covs, $M = 4$	–0.0943	0.0163
NN matching on covs, bias-adj., $M = 1$	–0.0829	0.0277
NN matching on covs, bias-adj., $M = 2$	–0.1061	0.0045
NN matching on covs, bias-adj., $M = 4$	–0.1089	0.0017
NN matching on pscore, $M = 1$	–0.0982	0.0124
NN matching on pscore, $M = 2$	–0.0923	0.0183
NN matching on pscore, $M = 4$	–0.0972	0.0134
NN matching on pscore, bias-adj., $M = 1$	–0.1566	–0.0460
NN matching on pscore, bias-adj., $M = 2$	–0.1567	–0.0461
NN matching on pscore, bias-adj., $M = 4$	–0.1039	0.0067
Normalized reweighting	–0.1122	–0.0016
Normalized reweighting, overlap corr.	–0.1234	–0.0128
Efficient reweighting	0.0518	0.1624
Efficient reweighting, overlap corr.	0.0464	0.1570
Doubly robust regression, linear	–0.0999	0.0107
Doubly robust regression, linear, overlap corr.	–0.1093	0.0013
Doubly robust regression, logistic	–0.0950	0.0156
Doubly robust regression, logistic, overlap corr.	–0.1050	0.0056

Note: "Overlap corr." denotes the estimates which are obtained after removing all the treated observations from outside the overlap region. Codebook for numbering the sets of nonexperimental estimates is provided in Table 1.

Table 208: Set #11 of Nonexperimental Estimates

	Estimate	Bias
LPM	–0.0447	–0.0447
LPM, overlap corr.	–0.0444	–0.0444
Logit	–0.0211	–0.0211
Logit, overlap corr.	–0.0216	–0.0216
Probit	–0.0165	–0.0165
Probit, overlap corr.	–0.0167	–0.0167
Complementary log-log	–0.0350	–0.0350
Complementary log-log, overlap corr.	–0.0358	–0.0358
OB LPM	–0.0484	–0.0484
OB LPM, overlap corr.	–0.0481	–0.0481
OB logit	–0.0211	–0.0211
OB logit, overlap corr.	–0.0218	–0.0218
OB probit	–0.0311	–0.0311
OB probit, overlap corr.	–0.0314	–0.0314
Kernel matching, uniform	0.0376	0.0376
Kernel matching, Gaussian	0.0367	0.0367
Kernel matching, Epanechnikov	0.0454	0.0454
Local linear regression	0.0402	0.0402
Local logit	0.0550	0.0550
NN matching on covs, $M = 1$	–0.0467	–0.0467
NN matching on covs, $M = 2$	0.0037	0.0037
NN matching on covs, $M = 4$	0.0067	0.0067
NN matching on covs, bias-adj., $M = 1$	–0.0409	–0.0409
NN matching on covs, bias-adj., $M = 2$	0.0102	0.0102
NN matching on covs, bias-adj., $M = 4$	0.0080	0.0080
NN matching on pscore, $M = 1$	0.0024	0.0024
NN matching on pscore, $M = 2$	0.0615	0.0615
NN matching on pscore, $M = 4$	0.0347	0.0347
NN matching on pscore, bias-adj., $M = 1$	–0.0082	–0.0082
NN matching on pscore, bias-adj., $M = 2$	0.0543	0.0543
NN matching on pscore, bias-adj., $M = 4$	0.0336	0.0336
Normalized reweighting	0.0433	0.0433
Normalized reweighting, overlap corr.	0.0436	0.0436
Efficient reweighting	0.0393	0.0393
Efficient reweighting, overlap corr.	0.0394	0.0394
Doubly robust regression, linear	0.0223	0.0223
Doubly robust regression, linear, overlap corr.	0.0207	0.0207
Doubly robust regression, logistic	0.0193	0.0193
Doubly robust regression, logistic, overlap corr.	0.0182	0.0182

Note: "Overlap corr." denotes the estimates which are obtained after removing all the treated observations from outside the overlap region. Codebook for numbering the sets of nonexperimental estimates is provided in Table 1.

Table 209: Set #12 of Nonexperimental Estimates

	Estimate	Bias
LPM	–0.1331	–0.0225
LPM, overlap corr.	–0.1293	–0.0187
Logit	–0.1076	0.0030
Logit, overlap corr.	–0.1060	0.0047
Probit	–0.1002	0.0104
Probit, overlap corr.	–0.0978	0.0128
Complementary log-log	–0.1125	–0.0019
Complementary log-log, overlap corr.	–0.1117	–0.0011
OB LPM	–0.1358	–0.0252
OB LPM, overlap corr.	–0.1317	–0.0211
OB logit	–0.1174	–0.0068
OB logit, overlap corr.	–0.1152	–0.0046
OB probit	–0.1249	–0.0143
OB probit, overlap corr.	–0.1222	–0.0116
Kernel matching, uniform	–0.0692	0.0414
Kernel matching, Gaussian	–0.0745	0.0361
Kernel matching, Epanechnikov	–0.0747	0.0359
Local linear regression	–0.0820	0.0286
Local logit	–0.0646	0.0460
NN matching on covs, $M = 1$	–0.1277	–0.0171
NN matching on covs, $M = 2$	–0.1165	–0.0059
NN matching on covs, $M = 4$	–0.1214	–0.0108
NN matching on covs, bias-adj., $M = 1$	–0.1223	–0.0117
NN matching on covs, bias-adj., $M = 2$	–0.1149	–0.0043
NN matching on covs, bias-adj., $M = 4$	–0.1196	–0.0089
NN matching on pscore, $M = 1$	–0.0795	0.0311
NN matching on pscore, $M = 2$	–0.0829	0.0277
NN matching on pscore, $M = 4$	–0.0819	0.0287
NN matching on pscore, bias-adj., $M = 1$	–0.1003	0.0103
NN matching on pscore, bias-adj., $M = 2$	–0.0926	0.0180
NN matching on pscore, bias-adj., $M = 4$	–0.0900	0.0206
Normalized reweighting	–0.0673	0.0433
Normalized reweighting, overlap corr.	–0.0661	0.0445
Efficient reweighting	–0.0751	0.0355
Efficient reweighting, overlap corr.	–0.0743	0.0363
Doubly robust regression, linear	–0.0947	0.0159
Doubly robust regression, linear, overlap corr.	–0.0942	0.0164
Doubly robust regression, logistic	–0.0923	0.0183
Doubly robust regression, logistic, overlap corr.	–0.0917	0.0189

Note: "Overlap corr." denotes the estimates which are obtained after removing all the treated observations from outside the overlap region. Codebook for numbering the sets of nonexperimental estimates is provided in Table 1.

Table 210: Set #13 of Nonexperimental Estimates

	Estimate	Bias
LPM	0.0594	0.0594
LPM, overlap corr.	0.0594	0.0594
Logit	0.0654	0.0654
Logit, overlap corr.	0.0654	0.0654
Probit	0.0706	0.0706
Probit, overlap corr.	0.0706	0.0706
Complementary log-log	0.0235	0.0235
Complementary log-log, overlap corr.	0.0235	0.0235
OB LPM	0.0616	0.0616
OB LPM, overlap corr.	0.0616	0.0616
OB logit	0.0679	0.0679
OB logit, overlap corr.	0.0679	0.0679
OB probit	0.0605	0.0605
OB probit, overlap corr.	0.0605	0.0605
Kernel matching, uniform	0.0898	0.0898
Kernel matching, Gaussian	0.1140	0.1140
Kernel matching, Epanechnikov	0.0848	0.0848
Local linear regression	0.1017	0.1017
Local logit	0.1206	0.1206
NN matching on covs, $M = 1$	0.0505	0.0505
NN matching on covs, $M = 2$	0.0747	0.0747
NN matching on covs, $M = 4$	0.1024	0.1024
NN matching on covs, bias-adj., $M = 1$	0.0335	0.0335
NN matching on covs, bias-adj., $M = 2$	0.0536	0.0536
NN matching on covs, bias-adj., $M = 4$	0.0733	0.0733
NN matching on pscore, $M = 1$	0.1514	0.1514
NN matching on pscore, $M = 2$	0.1350	0.1350
NN matching on pscore, $M = 4$	0.1148	0.1148
NN matching on pscore, bias-adj., $M = 1$	0.0286	0.0286
NN matching on pscore, bias-adj., $M = 2$	0.0212	0.0212
NN matching on pscore, bias-adj., $M = 4$	0.0923	0.0923
Normalized reweighting	0.0780	0.0780
Normalized reweighting, overlap corr.	0.0780	0.0780
Efficient reweighting	0.2565	0.2565
Efficient reweighting, overlap corr.	0.2565	0.2565
Doubly robust regression, linear	0.0774	0.0774
Doubly robust regression, linear, overlap corr.	0.0774	0.0774
Doubly robust regression, logistic	0.0781	0.0781
Doubly robust regression, logistic, overlap corr.	0.0781	0.0781

Note: "Overlap corr." denotes the estimates which are obtained after removing all the treated observations from outside the overlap region. Codebook for numbering the sets of nonexperimental estimates is provided in Table 1.

Table 211: Set #14 of Nonexperimental Estimates

	Estimate	Bias
LPM	–0.0646	0.1097
LPM, overlap corr.	–0.0646	0.1097
Logit	–0.0547	0.1197
Logit, overlap corr.	–0.0547	0.1197
Probit	–0.0464	0.1280
Probit, overlap corr.	–0.0464	0.1280
Complementary log-log	–0.0688	0.1055
Complementary log-log, overlap corr.	–0.0688	0.1055
OB LPM	–0.0651	0.1092
OB LPM, overlap corr.	–0.0651	0.1092
OB logit	–0.0580	0.1163
OB logit, overlap corr.	–0.0580	0.1163
OB probit	–0.0603	0.1141
OB probit, overlap corr.	–0.0603	0.1141
Kernel matching, uniform	–0.0049	0.1694
Kernel matching, Gaussian	0.0111	0.1854
Kernel matching, Epanechnikov	0.0013	0.1756
Local linear regression	–0.0220	0.1523
Local logit	0.0278	0.2021
NN matching on covs, $M = 1$	–0.0185	0.1558
NN matching on covs, $M = 2$	–0.0543	0.1200
NN matching on covs, $M = 4$	–0.0449	0.1295
NN matching on covs, bias-adj., $M = 1$	–0.0277	0.1466
NN matching on covs, bias-adj., $M = 2$	–0.0702	0.1042
NN matching on covs, bias-adj., $M = 4$	–0.0747	0.0996
NN matching on pscore, $M = 1$	–0.0231	0.1512
NN matching on pscore, $M = 2$	–0.0130	0.1614
NN matching on pscore, $M = 4$	–0.0502	0.1242
NN matching on pscore, bias-adj., $M = 1$	0.0630	0.2374
NN matching on pscore, bias-adj., $M = 2$	0.0295	0.2039
NN matching on pscore, bias-adj., $M = 4$	–0.0210	0.1534
Normalized reweighting	–0.0963	0.0780
Normalized reweighting, overlap corr.	–0.0963	0.0780
Efficient reweighting	0.1975	0.3719
Efficient reweighting, overlap corr.	0.1975	0.3719
Doubly robust regression, linear	–0.0722	0.1021
Doubly robust regression, linear, overlap corr.	–0.0722	0.1021
Doubly robust regression, logistic	–0.0653	0.1091
Doubly robust regression, logistic, overlap corr.	–0.0653	0.1091

Note: "Overlap corr." denotes the estimates which are obtained after removing all the treated observations from outside the overlap region. Codebook for numbering the sets of nonexperimental estimates is provided in Table 1.

Table 212: Set #15 of Nonexperimental Estimates

	Estimate	Bias
LPM	0.0710	0.0710
LPM, overlap corr.	0.0732	0.0732
Logit	0.0823	0.0823
Logit, overlap corr.	0.0836	0.0836
Probit	0.0856	0.0856
Probit, overlap corr.	0.0871	0.0871
Complementary log-log	0.0480	0.0480
Complementary log-log, overlap corr.	0.0488	0.0488
OB LPM	0.0735	0.0735
OB LPM, overlap corr.	0.0759	0.0759
OB logit	0.0841	0.0841
OB logit, overlap corr.	0.0855	0.0855
OB probit	0.0784	0.0784
OB probit, overlap corr.	0.0800	0.0800
Kernel matching, uniform	0.0965	0.0965
Kernel matching, Gaussian	0.0822	0.0822
Kernel matching, Epanechnikov	0.0874	0.0874
Local linear regression	0.0854	0.0854
Local logit	0.0882	0.0882
NN matching on covs, $M = 1$	0.0075	0.0075
NN matching on covs, $M = 2$	0.0577	0.0577
NN matching on covs, $M = 4$	0.0653	0.0653
NN matching on covs, bias-adj., $M = 1$	0.0142	0.0142
NN matching on covs, bias-adj., $M = 2$	0.0693	0.0693
NN matching on covs, bias-adj., $M = 4$	0.0718	0.0718
NN matching on pscore, $M = 1$	0.0610	0.0610
NN matching on pscore, $M = 2$	0.0568	0.0568
NN matching on pscore, $M = 4$	0.0783	0.0783
NN matching on pscore, bias-adj., $M = 1$	0.0350	0.0350
NN matching on pscore, bias-adj., $M = 2$	0.0354	0.0354
NN matching on pscore, bias-adj., $M = 4$	0.0826	0.0826
Normalized reweighting	0.1168	0.1168
Normalized reweighting, overlap corr.	0.1195	0.1195
Efficient reweighting	0.1414	0.1414
Efficient reweighting, overlap corr.	0.1445	0.1445
Doubly robust regression, linear	0.0972	0.0972
Doubly robust regression, linear, overlap corr.	0.0980	0.0980
Doubly robust regression, logistic	0.0908	0.0908
Doubly robust regression, logistic, overlap corr.	0.0921	0.0921

Note: "Overlap corr." denotes the estimates which are obtained after removing all the treated observations from outside the overlap region. Codebook for numbering the sets of nonexperimental estimates is provided in Table 1.

Table 213: Set #16 of Nonexperimental Estimates

	Estimate	Bias
LPM	–0.0506	0.1238
LPM, overlap corr.	–0.0506	0.1238
Logit	–0.0397	0.1347
Logit, overlap corr.	–0.0397	0.1347
Probit	–0.0308	0.1436
Probit, overlap corr.	–0.0308	0.1436
Complementary log-log	–0.0528	0.1216
Complementary log-log, overlap corr.	–0.0528	0.1216
OB LPM	–0.0507	0.1237
OB LPM, overlap corr.	–0.0507	0.1237
OB logit	–0.0413	0.1331
OB logit, overlap corr.	–0.0413	0.1331
OB probit	–0.0454	0.1289
OB probit, overlap corr.	–0.0454	0.1289
Kernel matching, uniform	–0.1069	0.0674
Kernel matching, Gaussian	–0.0961	0.0782
Kernel matching, Epanechnikov	–0.1203	0.0541
Local linear regression	–0.1058	0.0686
Local logit	–0.1243	0.0501
NN matching on covs, $M = 1$	–0.0818	0.0926
NN matching on covs, $M = 2$	–0.0959	0.0784
NN matching on covs, $M = 4$	–0.0815	0.0928
NN matching on covs, bias-adj., $M = 1$	–0.0761	0.0983
NN matching on covs, bias-adj., $M = 2$	–0.0953	0.0791
NN matching on covs, bias-adj., $M = 4$	–0.0832	0.0912
NN matching on pscore, $M = 1$	–0.1435	0.0308
NN matching on pscore, $M = 2$	–0.1231	0.0512
NN matching on pscore, $M = 4$	–0.1005	0.0739
NN matching on pscore, bias-adj., $M = 1$	–0.0736	0.1008
NN matching on pscore, bias-adj., $M = 2$	–0.0610	0.1133
NN matching on pscore, bias-adj., $M = 4$	–0.0579	0.1164
Normalized reweighting	–0.0576	0.1168
Normalized reweighting, overlap corr.	–0.0576	0.1168
Efficient reweighting	–0.0157	0.1587
Efficient reweighting, overlap corr.	–0.0157	0.1587
Doubly robust regression, linear	–0.0521	0.1222
Doubly robust regression, linear, overlap corr.	–0.0521	0.1222
Doubly robust regression, logistic	–0.0486	0.1258
Doubly robust regression, logistic, overlap corr.	–0.0486	0.1258

Note: "Overlap corr." denotes the estimates which are obtained after removing all the treated observations from outside the overlap region. Codebook for numbering the sets of nonexperimental estimates is provided in Table 1.

Table 214: Set #17 of Nonexperimental Estimates

	Estimate	Bias
LPM	–1,285	–1,285
LPM, overlap corr.	–1,272	–1,272
OB LPM	–727	–727
OB LPM, overlap corr.	–697	–697
Kernel matching, uniform	336	336
Kernel matching, Gaussian	602	602
Kernel matching, Epanechnikov	373	373
Local linear regression	998	998
NN matching on covs, $M = 1$	983	983
NN matching on covs, $M = 2$	785	785
NN matching on covs, $M = 4$	647	647
NN matching on covs, bias-adj., $M = 1$	1,656	1,656
NN matching on covs, bias-adj., $M = 2$	1,558	1,558
NN matching on covs, bias-adj., $M = 4$	1,018	1,018
NN matching on pscore, $M = 1$	361	361
NN matching on pscore, $M = 2$	479	479
NN matching on pscore, $M = 4$	534	534
NN matching on pscore, bias-adj., $M = 1$	1,803	1,803
NN matching on pscore, bias-adj., $M = 2$	1,984	1,984
NN matching on pscore, bias-adj., $M = 4$	1,699	1,699
Normalized reweighting	1,354	1,354
Normalized reweighting, overlap corr.	1,383	1,383
Efficient reweighting	–870	–870
Efficient reweighting, overlap corr.	–883	–883
Doubly robust regression, linear	1,365	1,365
Doubly robust regression, linear, overlap corr.	1,378	1,378

Note: "Overlap corr." denotes the estimates which are obtained after removing all the treated observations from outside the overlap region. Codebook for numbering the sets of nonexperimental estimates is provided in Table 1.

Table 215: Set #18 of Nonexperimental Estimates

	Estimate	Bias
LPM	262	–1,532
LPM, overlap corr.	218	–1,577
OB LPM	786	–1,008
OB LPM, overlap corr.	713	–1,082
Kernel matching, uniform	2,296	501
Kernel matching, Gaussian	1,894	100
Kernel matching, Epanechnikov	2,317	522
Local linear regression	2,348	554
NN matching on covs, $M = 1$	2,181	386
NN matching on covs, $M = 2$	2,104	309
NN matching on covs, $M = 4$	2,041	246
NN matching on covs, bias-adj., $M = 1$	2,260	466
NN matching on covs, bias-adj., $M = 2$	2,459	665
NN matching on covs, bias-adj., $M = 4$	2,274	479
NN matching on pscore, $M = 1$	2,074	280
NN matching on pscore, $M = 2$	1,718	–76
NN matching on pscore, $M = 4$	1,533	–261
NN matching on pscore, bias-adj., $M = 1$	2,805	1,010
NN matching on pscore, bias-adj., $M = 2$	2,594	799
NN matching on pscore, bias-adj., $M = 4$	1,813	19
Normalized reweighting	3,148	1,354
Normalized reweighting, overlap corr.	3,076	1,282
Efficient reweighting	–553	–2,348
Efficient reweighting, overlap corr.	–681	–2,475
Doubly robust regression, linear	2,254	460
Doubly robust regression, linear, overlap corr.	2,152	358

Note: "Overlap corr." denotes the estimates which are obtained after removing all the treated observations from outside the overlap region. Codebook for numbering the sets of nonexperimental estimates is provided in Table 1.

Table 216: Set #19 of Nonexperimental Estimates

	Estimate	Bias
LPM	–1,167	–1,167
LPM, overlap corr.	–1,158	–1,158
OB LPM	–534	–534
OB LPM, overlap corr.	–516	–516
Kernel matching, uniform	38	38
Kernel matching, Gaussian	237	237
Kernel matching, Epanechnikov	126	126
Local linear regression	228	228
NN matching on covs, $M = 1$	1,242	1,242
NN matching on covs, $M = 2$	759	759
NN matching on covs, $M = 4$	580	580
NN matching on covs, bias-adj., $M = 1$	1,975	1,975
NN matching on covs, bias-adj., $M = 2$	1,594	1,594
NN matching on covs, bias-adj., $M = 4$	1,220	1,220
NN matching on pscore, $M = 1$	–97	–97
NN matching on pscore, $M = 2$	402	402
NN matching on pscore, $M = 4$	–18	–18
NN matching on pscore, bias-adj., $M = 1$	1,074	1,074
NN matching on pscore, bias-adj., $M = 2$	1,325	1,325
NN matching on pscore, bias-adj., $M = 4$	1,463	1,463
Normalized reweighting	927	927
Normalized reweighting, overlap corr.	941	941
Efficient reweighting	–896	–896
Efficient reweighting, overlap corr.	–908	–908
Doubly robust regression, linear	1,092	1,092
Doubly robust regression, linear, overlap corr.	1,105	1,105

Note: "Overlap corr." denotes the estimates which are obtained after removing all the treated observations from outside the overlap region. Codebook for numbering the sets of nonexperimental estimates is provided in Table 1.

Table 217: Set #20 of Nonexperimental Estimates

	Estimate	Bias
LPM	244	–1,550
LPM, overlap corr.	186	–1,609
OB LPM	953	–842
OB LPM, overlap corr.	863	–931
Kernel matching, uniform	693	–1,101
Kernel matching, Gaussian	1,649	–146
Kernel matching, Epanechnikov	584	–1,210
Local linear regression	1,626	–168
NN matching on covs, $M = 1$	2,092	297
NN matching on covs, $M = 2$	1,613	–181
NN matching on covs, $M = 4$	1,888	93
NN matching on covs, bias-adj., $M = 1$	2,443	649
NN matching on covs, bias-adj., $M = 2$	2,282	488
NN matching on covs, bias-adj., $M = 4$	2,358	564
NN matching on pscore, $M = 1$	1,411	–383
NN matching on pscore, $M = 2$	1,843	48
NN matching on pscore, $M = 4$	1,478	–316
NN matching on pscore, bias-adj., $M = 1$	2,540	745
NN matching on pscore, bias-adj., $M = 2$	2,436	641
NN matching on pscore, bias-adj., $M = 4$	2,134	340
Normalized reweighting	2,722	927
Normalized reweighting, overlap corr.	2,631	837
Efficient reweighting	–462	–2,256
Efficient reweighting, overlap corr.	–630	–2,424
Doubly robust regression, linear	2,274	479
Doubly robust regression, linear, overlap corr.	2,168	374

Note: "Overlap corr." denotes the estimates which are obtained after removing all the treated observations from outside the overlap region. Codebook for numbering the sets of nonexperimental estimates is provided in Table 1.

Table 218: Set #21 of Nonexperimental Estimates

	Estimate	Bias
LPM	–1,949	–1,949
LPM, overlap corr.	–2,026	–2,026
OB LPM	–1,711	–1,711
OB LPM, overlap corr.	–1,787	–1,787
Kernel matching, uniform	–2,027	–2,027
Kernel matching, Gaussian	–1,381	–1,381
Kernel matching, Epanechnikov	–1,793	–1,793
Local linear regression	–2,548	–2,548
NN matching on covs, $M = 1$	–467	–467
NN matching on covs, $M = 2$	–1,040	–1,040
NN matching on covs, $M = 4$	–1,322	–1,322
NN matching on covs, bias-adj., $M = 1$	552	552
NN matching on covs, bias-adj., $M = 2$	68	68
NN matching on covs, bias-adj., $M = 4$	–882	–882
NN matching on pscore, $M = 1$	–1,408	–1,408
NN matching on pscore, $M = 2$	–721	–721
NN matching on pscore, $M = 4$	–1,142	–1,142
NN matching on pscore, bias-adj., $M = 1$	–15	–15
NN matching on pscore, bias-adj., $M = 2$	–150	–150
NN matching on pscore, bias-adj., $M = 4$	–1,003	–1,003
Normalized reweighting	–173	–173
Normalized reweighting, overlap corr.	–218	–218
Efficient reweighting	–3,552	–3,552
Efficient reweighting, overlap corr.	–3,771	–3,771
Doubly robust regression, linear	–848	–848
Doubly robust regression, linear, overlap corr.	–957	–957

Note: "Overlap corr." denotes the estimates which are obtained after removing all the treated observations from outside the overlap region. Codebook for numbering the sets of nonexperimental estimates is provided in Table 1.

Table 219: Set #22 of Nonexperimental Estimates

	Estimate	Bias
LPM	265	–2,484
LPM, overlap corr.	–218	–2,966
OB LPM	741	–2,008
OB LPM, overlap corr.	61	–2,687
Kernel matching, uniform	2,215	–533
Kernel matching, Gaussian	1,436	–1,312
Kernel matching, Epanechnikov	2,396	–353
Local linear regression	–193	–2,942
NN matching on covs, $M = 1$	961	–1,787
NN matching on covs, $M = 2$	1,061	–1,688
NN matching on covs, $M = 4$	1,004	–1,744
NN matching on covs, bias-adj., $M = 1$	1,489	–1,260
NN matching on covs, bias-adj., $M = 2$	1,731	–1,017
NN matching on covs, bias-adj., $M = 4$	1,472	–1,276
NN matching on pscore, $M = 1$	2,306	–443
NN matching on pscore, $M = 2$	2,155	–593
NN matching on pscore, $M = 4$	2,040	–708
NN matching on pscore, bias-adj., $M = 1$	2,013	–736
NN matching on pscore, bias-adj., $M = 2$	1,709	–1,040
NN matching on pscore, bias-adj., $M = 4$	1,419	–1,329
Normalized reweighting	2,575	–173
Normalized reweighting, overlap corr.	1,937	–812
Efficient reweighting	–2,690	–5,438
Efficient reweighting, overlap corr.	–3,631	–6,380
Doubly robust regression, linear	1,336	–1,412
Doubly robust regression, linear, overlap corr.	535	–2,213

Note: "Overlap corr." denotes the estimates which are obtained after removing all the treated observations from outside the overlap region. Codebook for numbering the sets of nonexperimental estimates is provided in Table 1.

Table 220: Set #23 of Nonexperimental Estimates

	Estimate	Bias
LPM	–1,933	–1,933
LPM, overlap corr.	–1,933	–1,933
OB LPM	–1,676	–1,676
OB LPM, overlap corr.	–1,676	–1,676
Kernel matching, uniform	–2,676	–2,676
Kernel matching, Gaussian	–1,947	–1,947
Kernel matching, Epanechnikov	–2,647	–2,647
Local linear regression	–2,393	–2,393
NN matching on covs, $M = 1$	–166	–166
NN matching on covs, $M = 2$	–1,024	–1,024
NN matching on covs, $M = 4$	–1,125	–1,125
NN matching on covs, bias-adj., $M = 1$	845	845
NN matching on covs, bias-adj., $M = 2$	–136	–136
NN matching on covs, bias-adj., $M = 4$	–373	–373
NN matching on pscore, $M = 1$	–1,787	–1,787
NN matching on pscore, $M = 2$	–1,347	–1,347
NN matching on pscore, $M = 4$	–1,546	–1,546
NN matching on pscore, bias-adj., $M = 1$	–1,010	–1,010
NN matching on pscore, bias-adj., $M = 2$	–662	–662
NN matching on pscore, bias-adj., $M = 4$	–807	–807
Normalized reweighting	–374	–374
Normalized reweighting, overlap corr.	–374	–374
Efficient reweighting	–3,521	–3,521
Efficient reweighting, overlap corr.	–3,521	–3,521
Doubly robust regression, linear	–961	–961
Doubly robust regression, linear, overlap corr.	–961	–961

Note: "Overlap corr." denotes the estimates which are obtained after removing all the treated observations from outside the overlap region. Codebook for numbering the sets of nonexperimental estimates is provided in Table 1.

Table 221: Set #24 of Nonexperimental Estimates

	Estimate	Bias
LPM	92	–2,656
LPM, overlap corr.	–15	–2,763
OB LPM	642	–2,106
OB LPM, overlap corr.	477	–2,271
Kernel matching, uniform	351	–2,398
Kernel matching, Gaussian	1,078	–1,671
Kernel matching, Epanechnikov	403	–2,345
Local linear regression	549	–2,200
NN matching on covs, $M = 1$	1,191	–1,557
NN matching on covs, $M = 2$	638	–2,111
NN matching on covs, $M = 4$	829	–1,920
NN matching on covs, bias-adj., $M = 1$	1,619	–1,130
NN matching on covs, bias-adj., $M = 2$	1,387	–1,361
NN matching on covs, bias-adj., $M = 4$	1,437	–1,311
NN matching on pscore, $M = 1$	725	–2,024
NN matching on pscore, $M = 2$	1,715	–1,034
NN matching on pscore, $M = 4$	1,307	–1,441
NN matching on pscore, bias-adj., $M = 1$	135	–2,613
NN matching on pscore, bias-adj., $M = 2$	957	–1,791
NN matching on pscore, bias-adj., $M = 4$	822	–1,926
Normalized reweighting	2,374	–374
Normalized reweighting, overlap corr.	2,246	–503
Efficient reweighting	–2,590	–5,338
Efficient reweighting, overlap corr.	–2,935	–5,683
Doubly robust regression, linear	1,311	–1,438
Doubly robust regression, linear, overlap corr.	1,101	–1,648

Note: "Overlap corr." denotes the estimates which are obtained after removing all the treated observations from outside the overlap region. Codebook for numbering the sets of nonexperimental estimates is provided in Table 1.

Table 222: Set #25 of Nonexperimental Estimates

	Estimate	Bias
LPM	–0.1113	–0.1113
LPM, overlap corr.	–0.1114	–0.1114
Logit	–0.0850	–0.0850
Logit, overlap corr.	–0.0848	–0.0848
Probit	–0.0611	–0.0611
Probit, overlap corr.	–0.0610	–0.0610
Complementary log-log	–0.1018	–0.1018
Complementary log-log, overlap corr.	–0.1018	–0.1018
OB LPM	–0.2008	–0.2008
OB LPM, overlap corr.	–0.2022	–0.2022
OB logit	–0.1720	–0.1720
OB logit, overlap corr.	–0.1734	–0.1734
OB probit	–0.1767	–0.1767
OB probit, overlap corr.	–0.1783	–0.1783
Kernel matching, uniform	0.0031	0.0031
Kernel matching, Gaussian	0.0017	0.0017
Kernel matching, Epanechnikov	–0.0019	–0.0019
Local linear regression	0.0364	0.0364
Local logit	–0.0194	–0.0194
NN matching on covs, $M = 1$	0.0500	0.0500
NN matching on covs, $M = 2$	–0.0724	–0.0724
NN matching on covs, $M = 4$	–0.1003	–0.1003
NN matching on covs, bias-adj., $M = 1$	0.0691	0.0691
NN matching on covs, bias-adj., $M = 2$	–0.0313	–0.0313
NN matching on covs, bias-adj., $M = 4$	–0.0463	–0.0463
NN matching on pscore, $M = 1$	0.0885	0.0885
NN matching on pscore, $M = 2$	–0.0936	–0.0936
NN matching on pscore, $M = 4$	–0.0131	–0.0131
NN matching on pscore, bias-adj., $M = 1$	0.0599	0.0599
NN matching on pscore, bias-adj., $M = 2$	–0.1140	–0.1140
NN matching on pscore, bias-adj., $M = 4$	–0.0178	–0.0178
Normalized reweighting	0.0566	0.0566
Normalized reweighting, overlap corr.	0.0568	0.0568
Efficient reweighting	–0.0844	–0.0844
Efficient reweighting, overlap corr.	–0.0869	–0.0869
Doubly robust regression, linear	0.0016	0.0016
Doubly robust regression, linear, overlap corr.	0.0008	0.0008
Doubly robust regression, logistic	–0.0301	–0.0301
Doubly robust regression, logistic, overlap corr.	–0.0330	–0.0330

Note: "Overlap corr." denotes the estimates which are obtained after removing all the treated observations from outside the overlap region. Codebook for numbering the sets of nonexperimental estimates is provided in Table 1.

Table 223: Set #26 of Nonexperimental Estimates

	Estimate	Bias
LPM	–0.2072	–0.0966
LPM, overlap corr.	–0.2062	–0.0956
Logit	–0.1940	–0.0834
Logit, overlap corr.	–0.1940	–0.0834
Probit	–0.1564	–0.0458
Probit, overlap corr.	–0.1562	–0.0456
Complementary log-log	–0.1907	–0.0801
Complementary log-log, overlap corr.	–0.1910	–0.0804
OB LPM	–0.2703	–0.1597
OB LPM, overlap corr.	–0.2687	–0.1581
OB logit	–0.2505	–0.1399
OB logit, overlap corr.	–0.2492	–0.1386
OB probit	–0.2529	–0.1423
OB probit, overlap corr.	–0.2516	–0.1410
Kernel matching, uniform	–0.0945	0.0161
Kernel matching, Gaussian	–0.1163	–0.0057
Kernel matching, Epanechnikov	–0.1161	–0.0055
Local linear regression	–0.0630	0.0476
Local logit	–0.1479	–0.0373
NN matching on covs, $M = 1$	–0.0865	0.0241
NN matching on covs, $M = 2$	–0.1757	–0.0651
NN matching on covs, $M = 4$	–0.1876	–0.0770
NN matching on covs, bias-adj., $M = 1$	–0.0620	0.0486
NN matching on covs, bias-adj., $M = 2$	–0.1665	–0.0559
NN matching on covs, bias-adj., $M = 4$	–0.1383	–0.0277
NN matching on pscore, $M = 1$	–0.0378	0.0728
NN matching on pscore, $M = 2$	–0.1766	–0.0660
NN matching on pscore, $M = 4$	–0.1038	0.0068
NN matching on pscore, bias-adj., $M = 1$	–0.0706	0.0401
NN matching on pscore, bias-adj., $M = 2$	–0.2080	–0.0974
NN matching on pscore, bias-adj., $M = 4$	–0.1214	–0.0108
Normalized reweighting	–0.0540	0.0566
Normalized reweighting, overlap corr.	–0.0514	0.0592
Efficient reweighting	–0.2887	–0.1781
Efficient reweighting, overlap corr.	–0.2896	–0.1790
Doubly robust regression, linear	–0.1198	–0.0092
Doubly robust regression, linear, overlap corr.	–0.1184	–0.0078
Doubly robust regression, logistic	–0.1348	–0.0242
Doubly robust regression, logistic, overlap corr.	–0.1353	–0.0247

Note: "Overlap corr." denotes the estimates which are obtained after removing all the treated observations from outside the overlap region. Codebook for numbering the sets of nonexperimental estimates is provided in Table 1.

Table 224: Set #27 of Nonexperimental Estimates

	Estimate	Bias
LPM	–0.1171	–0.1171
LPM, overlap corr.	–0.1184	–0.1184
Logit	–0.0967	–0.0967
Logit, overlap corr.	–0.0976	–0.0976
Probit	–0.0696	–0.0696
Probit, overlap corr.	–0.0705	–0.0705
Complementary log-log	–0.1122	–0.1122
Complementary log-log, overlap corr.	–0.1129	–0.1129
OB LPM	–0.2049	–0.2049
OB LPM, overlap corr.	–0.2073	–0.2073
OB logit	–0.1832	–0.1832
OB logit, overlap corr.	–0.1859	–0.1859
OB probit	–0.1876	–0.1876
OB probit, overlap corr.	–0.1903	–0.1903
Kernel matching, uniform	0.1126	0.1126
Kernel matching, Gaussian	0.0379	0.0379
Kernel matching, Epanechnikov	0.1134	0.1134
Local linear regression	0.0112	0.0112
Local logit	0.0928	0.0928
NN matching on covs, $M = 1$	–0.0359	–0.0359
NN matching on covs, $M = 2$	–0.1218	–0.1218
NN matching on covs, $M = 4$	–0.0901	–0.0901
NN matching on covs, bias-adj., $M = 1$	0.0013	0.0013
NN matching on covs, bias-adj., $M = 2$	–0.0720	–0.0720
NN matching on covs, bias-adj., $M = 4$	–0.0559	–0.0559
NN matching on pscore, $M = 1$	0.1077	0.1077
NN matching on pscore, $M = 2$	0.0628	0.0628
NN matching on pscore, $M = 4$	–0.0138	–0.0138
NN matching on pscore, bias-adj., $M = 1$	–0.0118	–0.0118
NN matching on pscore, bias-adj., $M = 2$	–0.0444	–0.0444
NN matching on pscore, bias-adj., $M = 4$	–0.1166	–0.1166
Normalized reweighting	0.0891	0.0891
Normalized reweighting, overlap corr.	0.0879	0.0879
Efficient reweighting	–0.1168	–0.1168
Efficient reweighting, overlap corr.	–0.1209	–0.1209
Doubly robust regression, linear	–0.0288	–0.0288
Doubly robust regression, linear, overlap corr.	–0.0329	–0.0329
Doubly robust regression, logistic	–0.0052	–0.0052
Doubly robust regression, logistic, overlap corr.	–0.0090	–0.0090

Note: "Overlap corr." denotes the estimates which are obtained after removing all the treated observations from outside the overlap region. Codebook for numbering the sets of nonexperimental estimates is provided in Table 1.

Table 225: Set #28 of Nonexperimental Estimates

	Estimate	Bias
LPM	–0.2030	–0.0924
LPM, overlap corr.	–0.2017	–0.0911
Logit	–0.1941	–0.0835
Logit, overlap corr.	–0.1944	–0.0838
Probit	–0.1527	–0.0421
Probit, overlap corr.	–0.1525	–0.0419
Complementary log-log	–0.1900	–0.0794
Complementary log-log, overlap corr.	–0.1909	–0.0803
OB LPM	–0.2721	–0.1615
OB LPM, overlap corr.	–0.2701	–0.1595
OB logit	–0.2568	–0.1462
OB logit, overlap corr.	–0.2553	–0.1447
OB probit	–0.2590	–0.1484
OB probit, overlap corr.	–0.2576	–0.1470
Kernel matching, uniform	–0.0650	0.0456
Kernel matching, Gaussian	–0.1038	0.0068
Kernel matching, Epanechnikov	–0.0715	0.0391
Local linear regression	–0.0942	0.0164
Local logit	–0.0311	0.0795
NN matching on covs, $M = 1$	–0.1279	–0.0173
NN matching on covs, $M = 2$	–0.1568	–0.0462
NN matching on covs, $M = 4$	–0.1878	–0.0772
NN matching on covs, bias-adj., $M = 1$	–0.1240	–0.0134
NN matching on covs, bias-adj., $M = 2$	–0.1424	–0.0318
NN matching on covs, bias-adj., $M = 4$	–0.1687	–0.0581
NN matching on pscore, $M = 1$	–0.1027	0.0079
NN matching on pscore, $M = 2$	–0.0820	0.0286
NN matching on pscore, $M = 4$	–0.1424	–0.0318
NN matching on pscore, bias-adj., $M = 1$	–0.2004	–0.0898
NN matching on pscore, bias-adj., $M = 2$	–0.1493	–0.0387
NN matching on pscore, bias-adj., $M = 4$	–0.1824	–0.0718
Normalized reweighting	–0.0216	0.0891
Normalized reweighting, overlap corr.	–0.0175	0.0931
Efficient reweighting	–0.3810	–0.2704
Efficient reweighting, overlap corr.	–0.3857	–0.2751
Doubly robust regression, linear	–0.1266	–0.0160
Doubly robust regression, linear, overlap corr.	–0.1287	–0.0181
Doubly robust regression, logistic	–0.1059	0.0047
Doubly robust regression, logistic, overlap corr.	–0.1075	0.0032

Note: "Overlap corr." denotes the estimates which are obtained after removing all the treated observations from outside the overlap region. Codebook for numbering the sets of nonexperimental estimates is provided in Table 1.

Table 226: Set #29 of Nonexperimental Estimates

	Estimate	Bias
LPM	–0.0073	–0.0073
LPM, overlap corr.	–0.0029	–0.0029
Logit	0.0097	0.0097
Logit, overlap corr.	0.0147	0.0147
Probit	0.0254	0.0254
Probit, overlap corr.	0.0291	0.0291
Complementary log-log	–0.0193	–0.0193
Complementary log-log, overlap corr.	–0.0154	–0.0154
OB LPM	–0.0299	–0.0299
OB LPM, overlap corr.	–0.0258	–0.0258
OB logit	–0.0125	–0.0125
OB logit, overlap corr.	–0.0080	–0.0080
OB probit	–0.0142	–0.0142
OB probit, overlap corr.	–0.0095	–0.0095
Kernel matching, uniform	0.1085	0.1085
Kernel matching, Gaussian	0.1093	0.1093
Kernel matching, Epanechnikov	0.1163	0.1163
Local linear regression	0.1234	0.1234
Local logit	0.0908	0.0908
NN matching on covs, $M = 1$	0.0986	0.0986
NN matching on covs, $M = 2$	0.0493	0.0493
NN matching on covs, $M = 4$	0.0303	0.0303
NN matching on covs, bias-adj., $M = 1$	0.0570	0.0570
NN matching on covs, bias-adj., $M = 2$	0.0432	0.0432
NN matching on covs, bias-adj., $M = 4$	0.0306	0.0306
NN matching on pscore, $M = 1$	0.0634	0.0634
NN matching on pscore, $M = 2$	0.0646	0.0646
NN matching on pscore, $M = 4$	0.1018	0.1018
NN matching on pscore, bias-adj., $M = 1$	–0.0009	–0.0009
NN matching on pscore, bias-adj., $M = 2$	0.0443	0.0443
NN matching on pscore, bias-adj., $M = 4$	0.0577	0.0577
Normalized reweighting	0.1316	0.1316
Normalized reweighting, overlap corr.	0.1356	0.1356
Efficient reweighting	0.0410	0.0410
Efficient reweighting, overlap corr.	0.0403	0.0403
Doubly robust regression, linear	0.0803	0.0803
Doubly robust regression, linear, overlap corr.	0.0815	0.0815
Doubly robust regression, logistic	0.0780	0.0780
Doubly robust regression, logistic, overlap corr.	0.0757	0.0757

Note: "Overlap corr." denotes the estimates which are obtained after removing all the treated observations from outside the overlap region. Codebook for numbering the sets of nonexperimental estimates is provided in Table 1.

Table 227: Set #30 of Nonexperimental Estimates

	Estimate	Bias
LPM	–0.1038	0.0706
LPM, overlap corr.	–0.0976	0.0767
Logit	–0.0835	0.0909
Logit, overlap corr.	–0.0795	0.0948
Probit	–0.0566	0.1177
Probit, overlap corr.	–0.0525	0.1219
Complementary log-log	–0.0970	0.0773
Complementary log-log, overlap corr.	–0.0948	0.0795
OB LPM	–0.1407	0.0336
OB LPM, overlap corr.	–0.1302	0.0441
OB logit	–0.1305	0.0438
OB logit, overlap corr.	–0.1206	0.0537
OB probit	–0.1271	0.0473
OB probit, overlap corr.	–0.1177	0.0567
Kernel matching, uniform	–0.0522	0.1221
Kernel matching, Gaussian	–0.0578	0.1166
Kernel matching, Epanechnikov	–0.0474	0.1270
Local linear regression	–0.0440	0.1303
Local logit	–0.0576	0.1168
NN matching on covs, $M = 1$	–0.0463	0.1281
NN matching on covs, $M = 2$	–0.0509	0.1234
NN matching on covs, $M = 4$	–0.0801	0.0943
NN matching on covs, bias-adj., $M = 1$	–0.0361	0.1383
NN matching on covs, bias-adj., $M = 2$	–0.0705	0.1039
NN matching on covs, bias-adj., $M = 4$	–0.0726	0.1018
NN matching on pscore, $M = 1$	–0.1111	0.0632
NN matching on pscore, $M = 2$	–0.0972	0.0771
NN matching on pscore, $M = 4$	–0.0954	0.0790
NN matching on pscore, bias-adj., $M = 1$	–0.1347	0.0396
NN matching on pscore, bias-adj., $M = 2$	–0.0882	0.0862
NN matching on pscore, bias-adj., $M = 4$	–0.0598	0.1146
Normalized reweighting	–0.0428	0.1316
Normalized reweighting, overlap corr.	–0.0346	0.1398
Efficient reweighting	–0.1839	–0.0095
Efficient reweighting, overlap corr.	–0.1838	–0.0095
Doubly robust regression, linear	–0.0564	0.1179
Doubly robust regression, linear, overlap corr.	–0.0503	0.1241
Doubly robust regression, logistic	–0.0565	0.1179
Doubly robust regression, logistic, overlap corr.	–0.0549	0.1195

Note: "Overlap corr." denotes the estimates which are obtained after removing all the treated observations from outside the overlap region. Codebook for numbering the sets of nonexperimental estimates is provided in Table 1.

Table 228: Set #31 of Nonexperimental Estimates

	Estimate	Bias
LPM	–0.0028	–0.0028
LPM, overlap corr.	–0.0028	–0.0028
Logit	0.0099	0.0099
Logit, overlap corr.	0.0099	0.0099
Probit	0.0276	0.0276
Probit, overlap corr.	0.0276	0.0276
Complementary log-log	–0.0235	–0.0235
Complementary log-log, overlap corr.	–0.0235	–0.0235
OB LPM	–0.0290	–0.0290
OB LPM, overlap corr.	–0.0290	–0.0290
OB logit	–0.0166	–0.0166
OB logit, overlap corr.	–0.0166	–0.0166
OB probit	–0.0169	–0.0169
OB probit, overlap corr.	–0.0169	–0.0169
Kernel matching, uniform	0.1507	0.1507
Kernel matching, Gaussian	0.1529	0.1529
Kernel matching, Epanechnikov	0.1642	0.1642
Local linear regression	0.1482	0.1482
Local logit	0.1776	0.1776
NN matching on covs, $M = 1$	0.0282	0.0282
NN matching on covs, $M = 2$	0.0211	0.0211
NN matching on covs, $M = 4$	0.0472	0.0472
NN matching on covs, bias-adj., $M = 1$	0.0203	0.0203
NN matching on covs, bias-adj., $M = 2$	0.0215	0.0215
NN matching on covs, bias-adj., $M = 4$	0.0481	0.0481
NN matching on pscore, $M = 1$	0.1761	0.1761
NN matching on pscore, $M = 2$	0.1291	0.1291
NN matching on pscore, $M = 4$	0.1146	0.1146
NN matching on pscore, bias-adj., $M = 1$	0.1166	0.1166
NN matching on pscore, bias-adj., $M = 2$	0.0609	0.0609
NN matching on pscore, bias-adj., $M = 4$	0.0361	0.0361
Normalized reweighting	0.1639	0.1639
Normalized reweighting, overlap corr.	0.1639	0.1639
Efficient reweighting	–0.0323	–0.0323
Efficient reweighting, overlap corr.	–0.0323	–0.0323
Doubly robust regression, linear	0.0752	0.0752
Doubly robust regression, linear, overlap corr.	0.0752	0.0752
Doubly robust regression, logistic	0.0812	0.0812
Doubly robust regression, logistic, overlap corr.	0.0812	0.0812

Note: "Overlap corr." denotes the estimates which are obtained after removing all the treated observations from outside the overlap region. Codebook for numbering the sets of nonexperimental estimates is provided in Table 1.

Table 229: Set #32 of Nonexperimental Estimates

	Estimate	Bias
LPM	–0.0970	0.0774
LPM, overlap corr.	–0.0925	0.0819
Logit	–0.0826	0.0918
Logit, overlap corr.	–0.0800	0.0944
Probit	–0.0500	0.1243
Probit, overlap corr.	–0.0472	0.1272
Complementary log-log	–0.0953	0.0791
Complementary log-log, overlap corr.	–0.0941	0.0803
OB LPM	–0.1351	0.0393
OB LPM, overlap corr.	–0.1277	0.0467
OB logit	–0.1276	0.0468
OB logit, overlap corr.	–0.1212	0.0531
OB probit	–0.1243	0.0501
OB probit, overlap corr.	–0.1181	0.0562
Kernel matching, uniform	–0.0474	0.1269
Kernel matching, Gaussian	–0.0448	0.1296
Kernel matching, Epanechnikov	–0.0293	0.1450
Local linear regression	–0.0235	0.1508
Local logit	0.0084	0.1828
NN matching on covs, $M = 1$	–0.0694	0.1049
NN matching on covs, $M = 2$	–0.0448	0.1296
NN matching on covs, $M = 4$	–0.0639	0.1105
NN matching on covs, bias-adj., $M = 1$	–0.0824	0.0919
NN matching on covs, bias-adj., $M = 2$	–0.0465	0.1279
NN matching on covs, bias-adj., $M = 4$	–0.0661	0.1083
NN matching on pscore, $M = 1$	–0.0093	0.1651
NN matching on pscore, $M = 2$	–0.0818	0.0926
NN matching on pscore, $M = 4$	–0.1032	0.0711
NN matching on pscore, bias-adj., $M = 1$	0.0191	0.1934
NN matching on pscore, bias-adj., $M = 2$	–0.0217	0.1527
NN matching on pscore, bias-adj., $M = 4$	–0.0459	0.1284
Normalized reweighting	–0.0104	0.1639
Normalized reweighting, overlap corr.	–0.0044	0.1700
Efficient reweighting	–0.3200	–0.1456
Efficient reweighting, overlap corr.	–0.3274	–0.1530
Doubly robust regression, linear	–0.0374	0.1370
Doubly robust regression, linear, overlap corr.	–0.0388	0.1356
Doubly robust regression, logistic	–0.0248	0.1495
Doubly robust regression, logistic, overlap corr.	–0.0251	0.1493

Note: "Overlap corr." denotes the estimates which are obtained after removing all the treated observations from outside the overlap region. Codebook for numbering the sets of nonexperimental estimates is provided in Table 1.

7 Simulation Results

Table 230: Results of Simulation #1

	Mean bias	RMSE	SD
LPM	–213	461	409
LPM, overlap corr.	–235	502	445
OB LPM	–228	467	408
OB LPM, overlap corr.	–255	512	444
Kernel matching, uniform	–141	752	739
Kernel matching, Gaussian	–382	1,578	1,533
Kernel matching, Epanechnikov	–121	750	741
Local linear regression	–641	1,293	1,124
NN matching on covs, $M = 1$	–510	1,013	876
NN matching on covs, $M = 2$	–509	911	756
NN matching on covs, $M = 4$	–512	815	635
NN matching on covs, bias-adj., $M = 1$	–148	1,136	1,128
NN matching on covs, bias-adj., $M = 2$	–32	1,103	1,104
NN matching on covs, bias-adj., $M = 4$	96	1,000	997
NN matching on pscore, $M = 1$	–213	1,553	1,540
NN matching on pscore, $M = 2$	–112	1,280	1,277
NN matching on pscore, $M = 4$	–132	1,134	1,127
NN matching on pscore, bias-adj., $M = 1$	14	1,213	1,215
NN matching on pscore, bias-adj., $M = 2$	30	1,167	1,168
NN matching on pscore, bias-adj., $M = 4$	42	1,115	1,115
Normalized reweighting	–228	1,236	1,216
Normalized reweighting, overlap corr.	153	1,213	1,204
Efficient reweighting	–191	1,164	1,149
Efficient reweighting, overlap corr.	0	871	872
Doubly robust regression, linear	51	1,042	1,042
Doubly robust regression, linear, overlap corr.	–15	777	778

Note: "Overlap corr." denotes the estimates which are obtained after removing all the treated observations from outside the overlap region. Codebook for numbering the simulation studies is provided in Tables 2–3.

Table 231: Results of Simulation #2

	Mean bias	RMSE	SD
LPM	–211	506	461
LPM, overlap corr.	–271	577	510
OB LPM	–215	508	461
OB LPM, overlap corr.	–282	583	511
Kernel matching, uniform	–193	883	863
Kernel matching, Gaussian	–250	1,519	1,500
Kernel matching, Epanechnikov	–175	879	862
Local linear regression	–706	1,416	1,229
NN matching on covs, $M = 1$	–581	1,129	969
NN matching on covs, $M = 2$	–576	1,051	880
NN matching on covs, $M = 4$	–570	954	765
NN matching on covs, bias-adj., $M = 1$	–217	1,192	1,173
NN matching on covs, bias-adj., $M = 2$	–163	1,147	1,137
NN matching on covs, bias-adj., $M = 4$	–107	1,070	1,066
NN matching on pscore, $M = 1$	–41	1,508	1,509
NN matching on pscore, $M = 2$	–8	1,302	1,303
NN matching on pscore, $M = 4$	–12	1,165	1,166
NN matching on pscore, bias-adj., $M = 1$	17	1,303	1,305
NN matching on pscore, bias-adj., $M = 2$	52	1,234	1,234
NN matching on pscore, bias-adj., $M = 4$	104	1,164	1,160
Normalized reweighting	–183	1,297	1,285
Normalized reweighting, overlap corr.	135	1,298	1,292
Efficient reweighting	–82	1,185	1,184
Efficient reweighting, overlap corr.	21	957	958
Doubly robust regression, linear	46	1,096	1,096
Doubly robust regression, linear, overlap corr.	–26	853	853

Note: "Overlap corr." denotes the estimates which are obtained after removing all the treated observations from outside the overlap region. Codebook for numbering the simulation studies is provided in Tables 2–3.

Table 232: Results of Simulation #3

	Mean bias	RMSE	SD
LPM	–495	633	394
LPM, overlap corr.	–505	669	438
OB LPM	–506	639	391
OB LPM, overlap corr.	–521	680	438
Kernel matching, uniform	–159	708	691
Kernel matching, Gaussian	–150	1,326	1,318
Kernel matching, Epanechnikov	–138	695	682
Local linear regression	–671	1,279	1,090
NN matching on covs, $M = 1$	–323	1,253	1,212
NN matching on covs, $M = 2$	–323	1,058	1,009
NN matching on covs, $M = 4$	–309	847	789
NN matching on covs, bias-adj., $M = 1$	–61	1,306	1,306
NN matching on covs, bias-adj., $M = 2$	34	1,164	1,165
NN matching on covs, bias-adj., $M = 4$	140	1,016	1,007
NN matching on pscore, $M = 1$	32	1,348	1,349
NN matching on pscore, $M = 2$	114	1,199	1,194
NN matching on pscore, $M = 4$	184	997	981
NN matching on pscore, bias-adj., $M = 1$	18	1,326	1,327
NN matching on pscore, bias-adj., $M = 2$	70	1,266	1,265
NN matching on pscore, bias-adj., $M = 4$	126	1,126	1,120
Normalized reweighting	–48	1,086	1,086
Normalized reweighting, overlap corr.	161	1,094	1,083
Efficient reweighting	–8	1,090	1,091
Efficient reweighting, overlap corr.	–24	840	841
Doubly robust regression, linear	52	1,118	1,118
Doubly robust regression, linear, overlap corr.	–46	798	798

Note: "Overlap corr." denotes the estimates which are obtained after removing all the treated observations from outside the overlap region. Codebook for numbering the simulation studies is provided in Tables 2–3.

Table 233: Results of Simulation #4

	Mean bias	RMSE	SD
LPM	–527	708	473
LPM, overlap corr.	–516	726	512
OB LPM	–526	706	471
OB LPM, overlap corr.	–518	726	510
Kernel matching, uniform	–175	784	765
Kernel matching, Gaussian	–312	1,477	1,445
Kernel matching, Epanechnikov	–150	771	757
Local linear regression	–527	1,246	1,130
NN matching on covs, $M = 1$	–268	1,374	1,349
NN matching on covs, $M = 2$	–312	1,187	1,146
NN matching on covs, $M = 4$	–264	1,001	967
NN matching on covs, bias-adj., $M = 1$	–100	1,419	1,417
NN matching on covs, bias-adj., $M = 2$	–85	1,282	1,281
NN matching on covs, bias-adj., $M = 4$	38	1,154	1,155
NN matching on pscore, $M = 1$	–59	1,463	1,464
NN matching on pscore, $M = 2$	–37	1,324	1,325
NN matching on pscore, $M = 4$	24	1,149	1,150
NN matching on pscore, bias-adj., $M = 1$	–57	1,374	1,374
NN matching on pscore, bias-adj., $M = 2$	–69	1,300	1,299
NN matching on pscore, bias-adj., $M = 4$	–49	1,217	1,217
Normalized reweighting	–46	1,082	1,082
Normalized reweighting, overlap corr.	106	1,092	1,088
Efficient reweighting	–34	1,106	1,107
Efficient reweighting, overlap corr.	30	913	914
Doubly robust regression, linear	–0	1,103	1,104
Doubly robust regression, linear, overlap corr.	39	863	863

Note: "Overlap corr." denotes the estimates which are obtained after removing all the treated observations from outside the overlap region. Codebook for numbering the simulation studies is provided in Tables 2–3.

Table 234: Results of Simulation #5

	Mean bias	RMSE	SD
LPM	–199	551	514
LPM, overlap corr.	–217	606	566
OB LPM	–211	554	513
OB LPM, overlap corr.	–231	609	564
Kernel matching, uniform	–126	831	822
Kernel matching, Gaussian	–252	1,539	1,519
Kernel matching, Epanechnikov	–110	810	803
Local linear regression	–710	1,306	1,098
NN matching on covs, $M = 1$	–652	1,033	803
NN matching on covs, $M = 2$	–795	1,078	729
NN matching on covs, $M = 4$	–820	1,084	709
NN matching on covs, bias-adj., $M = 1$	–208	1,086	1,067
NN matching on covs, bias-adj., $M = 2$	–218	970	946
NN matching on covs, bias-adj., $M = 4$	–172	944	929
NN matching on pscore, $M = 1$	–41	1,523	1,524
NN matching on pscore, $M = 2$	–24	1,292	1,293
NN matching on pscore, $M = 4$	–14	1,101	1,102
NN matching on pscore, bias-adj., $M = 1$	5	1,290	1,291
NN matching on pscore, bias-adj., $M = 2$	18	1,194	1,196
NN matching on pscore, bias-adj., $M = 4$	111	1,097	1,092
Normalized reweighting	–41	1,294	1,295
Normalized reweighting, overlap corr.	294	1,318	1,286
Efficient reweighting	–41	1,119	1,119
Efficient reweighting, overlap corr.	106	942	937
Doubly robust regression, linear	69	1,031	1,030
Doubly robust regression, linear, overlap corr.	33	840	840

Note: "Overlap corr." denotes the estimates which are obtained after removing all the treated observations from outside the overlap region. Codebook for numbering the simulation studies is provided in Tables 2–3.

Table 235: Results of Simulation #6

	Mean bias	RMSE	SD
LPM	–201	621	589
LPM, overlap corr.	–214	665	631
OB LPM	–208	625	590
OB LPM, overlap corr.	–212	659	624
Kernel matching, uniform	–217	884	858
Kernel matching, Gaussian	–333	1,496	1,460
Kernel matching, Epanechnikov	–206	869	845
Local linear regression	–723	1,322	1,108
NN matching on covs, $M = 1$	–748	1,126	842
NN matching on covs, $M = 2$	–852	1,153	777
NN matching on covs, $M = 4$	–904	1,158	725
NN matching on covs, bias-adj., $M = 1$	–327	1,254	1,212
NN matching on covs, bias-adj., $M = 2$	–282	1,188	1,156
NN matching on covs, bias-adj., $M = 4$	–201	1,026	1,007
NN matching on pscore, $M = 1$	–108	1,502	1,500
NN matching on pscore, $M = 2$	–196	1,406	1,394
NN matching on pscore, $M = 4$	–271	1,240	1,211
NN matching on pscore, bias-adj., $M = 1$	–156	1,431	1,424
NN matching on pscore, bias-adj., $M = 2$	–148	1,400	1,393
NN matching on pscore, bias-adj., $M = 4$	–126	1,259	1,254
Normalized reweighting	–187	1,297	1,285
Normalized reweighting, overlap corr.	158	1,275	1,267
Efficient reweighting	–180	1,210	1,198
Efficient reweighting, overlap corr.	3	967	968
Doubly robust regression, linear	–72	1,143	1,142
Doubly robust regression, linear, overlap corr.	–33	910	910

Note: "Overlap corr." denotes the estimates which are obtained after removing all the treated observations from outside the overlap region. Codebook for numbering the simulation studies is provided in Tables 2–3.

Table 236: Results of Simulation #7

	Mean bias	RMSE	SD
LPM	–644	819	506
LPM, overlap corr.	–520	746	535
OB LPM	–646	819	505
OB LPM, overlap corr.	–519	744	534
Kernel matching, uniform	–200	726	698
Kernel matching, Gaussian	–316	907	851
Kernel matching, Epanechnikov	–176	719	698
Local linear regression	–493	951	814
NN matching on covs, $M = 1$	–191	815	794
NN matching on covs, $M = 2$	–330	848	782
NN matching on covs, $M = 4$	–588	975	778
NN matching on covs, bias-adj., $M = 1$	20	784	784
NN matching on covs, bias-adj., $M = 2$	–4	764	765
NN matching on covs, bias-adj., $M = 4$	–95	749	743
NN matching on pscore, $M = 1$	–43	892	891
NN matching on pscore, $M = 2$	–31	832	832
NN matching on pscore, $M = 4$	–75	755	752
NN matching on pscore, bias-adj., $M = 1$	–41	849	849
NN matching on pscore, bias-adj., $M = 2$	–32	792	793
NN matching on pscore, bias-adj., $M = 4$	–62	738	736
Normalized reweighting	–30	701	701
Normalized reweighting, overlap corr.	109	706	698
Efficient reweighting	–44	690	689
Efficient reweighting, overlap corr.	40	669	669
Doubly robust regression, linear	–34	678	678
Doubly robust regression, linear, overlap corr.	29	654	654

Note: "Overlap corr." denotes the estimates which are obtained after removing all the treated observations from outside the overlap region. Codebook for numbering the simulation studies is provided in Tables 2–3.

Table 237: Results of Simulation #8

	Mean bias	RMSE	SD
LPM	–672	870	554
LPM, overlap corr.	–545	789	572
OB LPM	–673	872	554
OB LPM, overlap corr.	–545	789	572
Kernel matching, uniform	–246	824	787
Kernel matching, Gaussian	–293	905	857
Kernel matching, Epanechnikov	–224	814	783
Local linear regression	–378	951	873
NN matching on covs, $M = 1$	–50	763	762
NN matching on covs, $M = 2$	–202	822	798
NN matching on covs, $M = 4$	–458	954	838
NN matching on covs, bias-adj., $M = 1$	123	770	761
NN matching on covs, bias-adj., $M = 2$	89	797	793
NN matching on covs, bias-adj., $M = 4$	5	805	806
NN matching on pscore, $M = 1$	–11	863	864
NN matching on pscore, $M = 2$	–18	861	861
NN matching on pscore, $M = 4$	–32	796	796
NN matching on pscore, bias-adj., $M = 1$	23	811	812
NN matching on pscore, bias-adj., $M = 2$	18	821	822
NN matching on pscore, bias-adj., $M = 4$	6	774	775
Normalized reweighting	6	764	765
Normalized reweighting, overlap corr.	138	775	764
Efficient reweighting	–4	749	750
Efficient reweighting, overlap corr.	84	746	742
Doubly robust regression, linear	–3	744	745
Doubly robust regression, linear, overlap corr.	58	745	744

Note: "Overlap corr." denotes the estimates which are obtained after removing all the treated observations from outside the overlap region. Codebook for numbering the simulation studies is provided in Tables 2–3.

Table 238: Results of Simulation #9

	Mean bias	RMSE	SD
LPM	–0.0290	0.0404	0.0282
LPM, overlap corr.	–0.0117	0.0328	0.0307
Logit	–0.0108	0.0315	0.0297
Logit, overlap corr.	0.0024	0.0317	0.0317
Probit	–0.0150	0.0328	0.0292
Probit, overlap corr.	–0.0014	0.0315	0.0315
Complementary log-log	–0.0093	0.0302	0.0288
Complementary log-log, overlap corr.	0.0052	0.0310	0.0306
OB LPM	–0.0293	0.0408	0.0284
OB LPM, overlap corr.	–0.0104	0.0324	0.0307
OB logit	–0.0118	0.0325	0.0303
OB logit, overlap corr.	0.0030	0.0317	0.0316
OB probit	–0.0176	0.0346	0.0298
OB probit, overlap corr.	–0.0016	0.0313	0.0313
Kernel matching, uniform	0.0011	0.0615	0.0615
Kernel matching, Gaussian	–0.0003	0.1139	0.1140
Kernel matching, Epanechnikov	–0.0007	0.0678	0.0679
Local linear regression	0.0049	0.0966	0.0966
Local logit	0.0037	0.1177	0.1177
NN matching on covs, $M = 1$	0.0270	0.0653	0.0595
NN matching on covs, $M = 2$	0.0253	0.0570	0.0511
NN matching on covs, $M = 4$	0.0211	0.0485	0.0438
NN matching on covs, bias-adj., $M = 1$	0.0007	0.0810	0.0811
NN matching on covs, bias-adj., $M = 2$	–0.0075	0.0757	0.0754
NN matching on covs, bias-adj., $M = 4$	–0.0138	0.0708	0.0696
NN matching on pscore, $M = 1$	–0.0053	0.1167	0.1167
NN matching on pscore, $M = 2$	–0.0081	0.0992	0.0989
NN matching on pscore, $M = 4$	–0.0072	0.0854	0.0851
NN matching on pscore, bias-adj., $M = 1$	–0.0129	0.0947	0.0939
NN matching on pscore, bias-adj., $M = 2$	–0.0131	0.0889	0.0880
NN matching on pscore, bias-adj., $M = 4$	–0.0137	0.0840	0.0829
Normalized reweighting	0.0013	0.0984	0.0985
Normalized reweighting, overlap corr.	–0.0052	0.0987	0.0987
Efficient reweighting	–0.0013	0.0913	0.0914
Efficient reweighting, overlap corr.	–0.0010	0.0683	0.0684
Doubly robust regression, linear	–0.0099	0.0804	0.0798
Doubly robust regression, linear, overlap corr.	0.0005	0.0585	0.0586
Doubly robust regression, logistic	–0.0087	0.0825	0.0821
Doubly robust regression, logistic, overlap corr.	0.0006	0.0592	0.0592

Note: "Overlap corr." denotes the estimates which are obtained after removing all the treated observations from outside the overlap region. Codebook for numbering the simulation studies is provided in Tables 2–3.

Table 239: Results of Simulation #10

	Mean bias	RMSE	SD
LPM	–0.0353	0.0492	0.0343
LPM, overlap corr.	–0.0140	0.0393	0.0368
Logit	–0.0134	0.0372	0.0348
Logit, overlap corr.	0.0044	0.0372	0.0370
Probit	–0.0183	0.0392	0.0347
Probit, overlap corr.	–0.0005	0.0372	0.0372
Complementary log-log	–0.0123	0.0354	0.0332
Complementary log-log, overlap corr.	0.0077	0.0360	0.0352
OB LPM	–0.0361	0.0500	0.0346
OB LPM, overlap corr.	–0.0135	0.0393	0.0370
OB logit	–0.0151	0.0389	0.0359
OB logit, overlap corr.	0.0042	0.0374	0.0372
OB probit	–0.0218	0.0419	0.0358
OB probit, overlap corr.	–0.0015	0.0374	0.0374
Kernel matching, uniform	–0.0049	0.0666	0.0664
Kernel matching, Gaussian	–0.0152	0.1284	0.1276
Kernel matching, Epanechnikov	–0.0038	0.0716	0.0715
Local linear regression	0.0008	0.1020	0.1021
Local logit	–0.0126	0.1308	0.1303
NN matching on covs, $M = 1$	0.0265	0.0767	0.0720
NN matching on covs, $M = 2$	0.0293	0.0709	0.0646
NN matching on covs, $M = 4$	0.0221	0.0588	0.0546
NN matching on covs, bias-adj., $M = 1$	0.0006	0.0896	0.0897
NN matching on covs, bias-adj., $M = 2$	–0.0020	0.0852	0.0853
NN matching on covs, bias-adj., $M = 4$	–0.0104	0.0829	0.0823
NN matching on pscore, $M = 1$	–0.0189	0.1303	0.1291
NN matching on pscore, $M = 2$	–0.0135	0.1095	0.1087
NN matching on pscore, $M = 4$	–0.0083	0.0935	0.0932
NN matching on pscore, bias-adj., $M = 1$	–0.0193	0.1096	0.1080
NN matching on pscore, bias-adj., $M = 2$	–0.0197	0.1033	0.1015
NN matching on pscore, bias-adj., $M = 4$	–0.0173	0.0965	0.0950
Normalized reweighting	–0.0091	0.1235	0.1233
Normalized reweighting, overlap corr.	–0.0135	0.1246	0.1240
Efficient reweighting	–0.0120	0.1017	0.1011
Efficient reweighting, overlap corr.	–0.0065	0.0776	0.0774
Doubly robust regression, linear	–0.0160	0.0939	0.0926
Doubly robust regression, linear, overlap corr.	–0.0012	0.0693	0.0693
Doubly robust regression, logistic	–0.0174	0.0963	0.0948
Doubly robust regression, logistic, overlap corr.	–0.0016	0.0697	0.0698

Note: "Overlap corr." denotes the estimates which are obtained after removing all the treated observations from outside the overlap region. Codebook for numbering the simulation studies is provided in Tables 2–3.

Table 240: Results of Simulation #11

	Mean bias	RMSE	SD
LPM	–0.0190	0.0344	0.0287
LPM, overlap corr.	0.0023	0.0338	0.0337
Logit	0.0012	0.0305	0.0305
Logit, overlap corr.	0.0142	0.0368	0.0340
Probit	–0.0006	0.0305	0.0305
Probit, overlap corr.	0.0138	0.0370	0.0344
Complementary log-log	0.0037	0.0305	0.0303
Complementary log-log, overlap corr.	0.0141	0.0357	0.0329
OB LPM	–0.0180	0.0342	0.0291
OB LPM, overlap corr.	0.0054	0.0347	0.0343
OB logit	0.0029	0.0313	0.0312
OB logit, overlap corr.	0.0176	0.0386	0.0344
OB probit	–0.0019	0.0308	0.0308
OB probit, overlap corr.	0.0153	0.0377	0.0345
Kernel matching, uniform	0.0066	0.0582	0.0579
Kernel matching, Gaussian	–0.0000	0.1184	0.1185
Kernel matching, Epanechnikov	0.0053	0.0579	0.0578
Local linear regression	–0.0016	0.0978	0.0979
Local logit	–0.0027	0.1208	0.1209
NN matching on covs, $M = 1$	–0.0187	0.0907	0.0888
NN matching on covs, $M = 2$	–0.0370	0.0814	0.0727
NN matching on covs, $M = 4$	–0.0543	0.0794	0.0579
NN matching on covs, bias-adj., $M = 1$	0.0058	0.0986	0.0986
NN matching on covs, bias-adj., $M = 2$	–0.0054	0.0885	0.0885
NN matching on covs, bias-adj., $M = 4$	–0.0206	0.0798	0.0772
NN matching on pscore, $M = 1$	–0.0063	0.1201	0.1201
NN matching on pscore, $M = 2$	–0.0127	0.1044	0.1038
NN matching on pscore, $M = 4$	–0.0346	0.0970	0.0907
NN matching on pscore, bias-adj., $M = 1$	–0.0045	0.1027	0.1027
NN matching on pscore, bias-adj., $M = 2$	–0.0041	0.0975	0.0975
NN matching on pscore, bias-adj., $M = 4$	–0.0134	0.0910	0.0901
Normalized reweighting	–0.0012	0.1006	0.1007
Normalized reweighting, overlap corr.	0.0075	0.1016	0.1015
Efficient reweighting	–0.0052	0.0942	0.0941
Efficient reweighting, overlap corr.	0.0072	0.0716	0.0714
Doubly robust regression, linear	–0.0073	0.0900	0.0898
Doubly robust regression, linear, overlap corr.	0.0031	0.0670	0.0670
Doubly robust regression, logistic	–0.0097	0.0923	0.0919
Doubly robust regression, logistic, overlap corr.	0.0029	0.0672	0.0672

Note: "Overlap corr." denotes the estimates which are obtained after removing all the treated observations from outside the overlap region. Codebook for numbering the simulation studies is provided in Tables 2–3.

Table 241: Results of Simulation #12

	Mean bias	RMSE	SD
LPM	–0.0237	0.0414	0.0339
LPM, overlap corr.	–0.0050	0.0385	0.0383
Logit	–0.0014	0.0359	0.0359
Logit, overlap corr.	0.0090	0.0392	0.0382
Probit	–0.0027	0.0359	0.0358
Probit, overlap corr.	0.0091	0.0396	0.0386
Complementary log-log	0.0007	0.0356	0.0357
Complementary log-log, overlap corr.	0.0086	0.0381	0.0371
OB LPM	–0.0244	0.0418	0.0340
OB LPM, overlap corr.	–0.0043	0.0387	0.0385
OB logit	–0.0020	0.0362	0.0362
OB logit, overlap corr.	0.0095	0.0394	0.0383
OB probit	–0.0069	0.0363	0.0357
OB probit, overlap corr.	0.0071	0.0390	0.0384
Kernel matching, uniform	0.0018	0.0703	0.0703
Kernel matching, Gaussian	–0.0012	0.1271	0.1272
Kernel matching, Epanechnikov	0.0003	0.0699	0.0700
Local linear regression	–0.0023	0.1100	0.1101
Local logit	–0.0043	0.1292	0.1293
NN matching on covs, $M = 1$	–0.0052	0.1061	0.1061
NN matching on covs, $M = 2$	–0.0168	0.0919	0.0904
NN matching on covs, $M = 4$	–0.0447	0.0878	0.0756
NN matching on covs, bias-adj., $M = 1$	0.0126	0.1146	0.1141
NN matching on covs, bias-adj., $M = 2$	0.0102	0.1035	0.1031
NN matching on covs, bias-adj., $M = 4$	–0.0028	0.0906	0.0907
NN matching on pscore, $M = 1$	–0.0075	0.1285	0.1284
NN matching on pscore, $M = 2$	–0.0102	0.1153	0.1149
NN matching on pscore, $M = 4$	–0.0130	0.1030	0.1023
NN matching on pscore, bias-adj., $M = 1$	–0.0051	0.1162	0.1162
NN matching on pscore, bias-adj., $M = 2$	–0.0020	0.1099	0.1100
NN matching on pscore, bias-adj., $M = 4$	0.0023	0.1019	0.1019
Normalized reweighting	–0.0022	0.1071	0.1072
Normalized reweighting, overlap corr.	0.0074	0.1057	0.1055
Efficient reweighting	–0.0033	0.1053	0.1053
Efficient reweighting, overlap corr.	0.0038	0.0838	0.0838
Doubly robust regression, linear	–0.0041	0.1016	0.1016
Doubly robust regression, linear, overlap corr.	–0.0037	0.0793	0.0793
Doubly robust regression, logistic	–0.0057	0.1034	0.1034
Doubly robust regression, logistic, overlap corr.	–0.0035	0.0799	0.0799

Note: "Overlap corr." denotes the estimates which are obtained after removing all the treated observations from outside the overlap region. Codebook for numbering the simulation studies is provided in Tables 2–3.

Table 242: Results of Simulation #13

	Mean bias	RMSE	SD
LPM	–0.0301	0.0469	0.0360
LPM, overlap corr.	–0.0250	0.0469	0.0397
Logit	–0.0137	0.0380	0.0355
Logit, overlap corr.	–0.0097	0.0399	0.0388
Probit	–0.0170	0.0386	0.0347
Probit, overlap corr.	–0.0132	0.0404	0.0382
Complementary log-log	–0.0164	0.0375	0.0338
Complementary log-log, overlap corr.	–0.0096	0.0387	0.0375
OB LPM	–0.0304	0.0473	0.0362
OB LPM, overlap corr.	–0.0251	0.0470	0.0398
OB logit	–0.0159	0.0404	0.0371
OB logit, overlap corr.	–0.0120	0.0418	0.0401
OB probit	–0.0212	0.0428	0.0372
OB probit, overlap corr.	–0.0172	0.0438	0.0403
Kernel matching, uniform	0.0010	0.0582	0.0583
Kernel matching, Gaussian	0.0194	0.1010	0.0992
Kernel matching, Epanechnikov	0.0020	0.0593	0.0594
Local linear regression	0.0219	0.0849	0.0821
Local logit	0.0260	0.1058	0.1027
NN matching on covs, $M = 1$	0.0364	0.0650	0.0539
NN matching on covs, $M = 2$	0.0417	0.0660	0.0513
NN matching on covs, $M = 4$	0.0410	0.0650	0.0505
NN matching on covs, bias-adj., $M = 1$	0.0272	0.0796	0.0749
NN matching on covs, bias-adj., $M = 2$	0.0281	0.0765	0.0712
NN matching on covs, bias-adj., $M = 4$	0.0198	0.0683	0.0655
NN matching on pscore, $M = 1$	0.0156	0.1039	0.1028
NN matching on pscore, $M = 2$	0.0178	0.0896	0.0879
NN matching on pscore, $M = 4$	0.0123	0.0800	0.0791
NN matching on pscore, bias-adj., $M = 1$	0.0173	0.0949	0.0934
NN matching on pscore, bias-adj., $M = 2$	0.0186	0.0869	0.0850
NN matching on pscore, bias-adj., $M = 4$	0.0136	0.0814	0.0803
Normalized reweighting	0.0158	0.0978	0.0966
Normalized reweighting, overlap corr.	0.0018	0.0960	0.0961
Efficient reweighting	0.0179	0.0832	0.0813
Efficient reweighting, overlap corr.	0.0044	0.0672	0.0671
Doubly robust regression, linear	0.0160	0.0781	0.0765
Doubly robust regression, linear, overlap corr.	0.0064	0.0618	0.0616
Doubly robust regression, logistic	0.0146	0.0787	0.0774
Doubly robust regression, logistic, overlap corr.	0.0063	0.0624	0.0621

Note: "Overlap corr." denotes the estimates which are obtained after removing all the treated observations from outside the overlap region. Codebook for numbering the simulation studies is provided in Tables 2–3.

Table 243: Results of Simulation #14

	Mean bias	RMSE	SD
LPM	–0.0323	0.0504	0.0388
LPM, overlap corr.	–0.0306	0.0525	0.0427
Logit	–0.0146	0.0409	0.0383
Logit, overlap corr.	–0.0134	0.0434	0.0414
Probit	–0.0181	0.0413	0.0371
Probit, overlap corr.	–0.0171	0.0438	0.0403
Complementary log-log	–0.0182	0.0406	0.0363
Complementary log-log, overlap corr.	–0.0140	0.0427	0.0404
OB LPM	–0.0327	0.0508	0.0390
OB LPM, overlap corr.	–0.0309	0.0528	0.0429
OB logit	–0.0171	0.0435	0.0400
OB logit, overlap corr.	–0.0166	0.0466	0.0436
OB probit	–0.0227	0.0459	0.0399
OB probit, overlap corr.	–0.0221	0.0488	0.0436
Kernel matching, uniform	0.0042	0.0577	0.0576
Kernel matching, Gaussian	0.0188	0.1019	0.1002
Kernel matching, Epanechnikov	0.0033	0.0599	0.0599
Local linear regression	0.0277	0.0852	0.0807
Local logit	0.0251	0.1074	0.1045
NN matching on covs, $M = 1$	0.0380	0.0683	0.0568
NN matching on covs, $M = 2$	0.0457	0.0697	0.0527
NN matching on covs, $M = 4$	0.0479	0.0695	0.0505
NN matching on covs, bias-adj., $M = 1$	0.0293	0.0838	0.0786
NN matching on covs, bias-adj., $M = 2$	0.0289	0.0762	0.0705
NN matching on covs, bias-adj., $M = 4$	0.0276	0.0713	0.0658
NN matching on pscore, $M = 1$	0.0176	0.1054	0.1040
NN matching on pscore, $M = 2$	0.0154	0.0921	0.0909
NN matching on pscore, $M = 4$	0.0156	0.0820	0.0806
NN matching on pscore, bias-adj., $M = 1$	0.0258	0.0998	0.0965
NN matching on pscore, bias-adj., $M = 2$	0.0235	0.0893	0.0862
NN matching on pscore, bias-adj., $M = 4$	0.0203	0.0823	0.0798
Normalized reweighting	0.0143	0.1043	0.1034
Normalized reweighting, overlap corr.	–0.0039	0.1041	0.1041
Efficient reweighting	0.0179	0.0828	0.0809
Efficient reweighting, overlap corr.	0.0015	0.0677	0.0677
Doubly robust regression, linear	0.0195	0.0784	0.0760
Doubly robust regression, linear, overlap corr.	0.0046	0.0620	0.0619
Doubly robust regression, logistic	0.0187	0.0780	0.0758
Doubly robust regression, logistic, overlap corr.	0.0055	0.0626	0.0624

Note: "Overlap corr." denotes the estimates which are obtained after removing all the treated observations from outside the overlap region. Codebook for numbering the simulation studies is provided in Tables 2–3.

Table 244: Results of Simulation #15

	Mean bias	RMSE	SD
LPM	–0.0159	0.0408	0.0376
LPM, overlap corr.	–0.0213	0.0445	0.0391
Logit	0.0048	0.0390	0.0388
Logit, overlap corr.	–0.0021	0.0398	0.0397
Probit	0.0049	0.0386	0.0384
Probit, overlap corr.	–0.0021	0.0396	0.0396
Complementary log-log	0.0041	0.0370	0.0368
Complementary log-log, overlap corr.	–0.0014	0.0378	0.0378
OB LPM	–0.0170	0.0414	0.0378
OB LPM, overlap corr.	–0.0225	0.0453	0.0394
OB logit	0.0028	0.0389	0.0388
OB logit, overlap corr.	–0.0044	0.0405	0.0403
OB probit	–0.0017	0.0386	0.0386
OB probit, overlap corr.	–0.0085	0.0409	0.0401
Kernel matching, uniform	0.0015	0.0574	0.0574
Kernel matching, Gaussian	0.0050	0.0764	0.0763
Kernel matching, Epanechnikov	0.0013	0.0569	0.0569
Local linear regression	0.0069	0.0704	0.0701
Local logit	0.0058	0.0820	0.0819
NN matching on covs, $M = 1$	0.0205	0.0702	0.0672
NN matching on covs, $M = 2$	0.0234	0.0679	0.0638
NN matching on covs, $M = 4$	0.0219	0.0642	0.0604
NN matching on covs, bias-adj., $M = 1$	0.0194	0.0727	0.0701
NN matching on covs, bias-adj., $M = 2$	0.0211	0.0710	0.0678
NN matching on covs, bias-adj., $M = 4$	0.0196	0.0688	0.0660
NN matching on pscore, $M = 1$	0.0011	0.0798	0.0799
NN matching on pscore, $M = 2$	0.0024	0.0717	0.0717
NN matching on pscore, $M = 4$	0.0006	0.0682	0.0683
NN matching on pscore, bias-adj., $M = 1$	0.0070	0.0752	0.0750
NN matching on pscore, bias-adj., $M = 2$	0.0090	0.0695	0.0689
NN matching on pscore, bias-adj., $M = 4$	0.0100	0.0672	0.0665
Normalized reweighting	–0.0044	0.0678	0.0678
Normalized reweighting, overlap corr.	–0.0059	0.0676	0.0674
Efficient reweighting	–0.0031	0.0664	0.0664
Efficient reweighting, overlap corr.	–0.0059	0.0637	0.0635
Doubly robust regression, linear	0.0003	0.0658	0.0658
Doubly robust regression, linear, overlap corr.	–0.0092	0.0627	0.0621
Doubly robust regression, logistic	–0.0000	0.0646	0.0647
Doubly robust regression, logistic, overlap corr.	–0.0075	0.0623	0.0619

Note: "Overlap corr." denotes the estimates which are obtained after removing all the treated observations from outside the overlap region. Codebook for numbering the simulation studies is provided in Tables 2–3.

Table 245: Results of Simulation #16

	Mean bias	RMSE	SD
LPM	–0.0162	0.0460	0.0431
LPM, overlap corr.	–0.0239	0.0500	0.0439
Logit	0.0085	0.0442	0.0434
Logit, overlap corr.	–0.0002	0.0434	0.0435
Probit	0.0077	0.0437	0.0431
Probit, overlap corr.	–0.0012	0.0434	0.0434
Complementary log-log	0.0084	0.0417	0.0409
Complementary log-log, overlap corr.	0.0015	0.0413	0.0413
OB LPM	–0.0171	0.0465	0.0433
OB LPM, overlap corr.	–0.0249	0.0506	0.0441
OB logit	0.0063	0.0438	0.0434
OB logit, overlap corr.	–0.0026	0.0442	0.0441
OB probit	0.0005	0.0432	0.0433
OB probit, overlap corr.	–0.0082	0.0447	0.0440
Kernel matching, uniform	0.0025	0.0624	0.0624
Kernel matching, Gaussian	0.0109	0.0742	0.0735
Kernel matching, Epanechnikov	0.0014	0.0620	0.0620
Local linear regression	0.0051	0.0703	0.0702
Local logit	0.0109	0.0778	0.0771
NN matching on covs, $M = 1$	0.0206	0.0705	0.0675
NN matching on covs, $M = 2$	0.0251	0.0707	0.0662
NN matching on covs, $M = 4$	0.0299	0.0698	0.0631
NN matching on covs, bias-adj., $M = 1$	0.0182	0.0716	0.0693
NN matching on covs, bias-adj., $M = 2$	0.0214	0.0720	0.0688
NN matching on covs, bias-adj., $M = 4$	0.0248	0.0706	0.0661
NN matching on pscore, $M = 1$	0.0067	0.0750	0.0748
NN matching on pscore, $M = 2$	0.0039	0.0705	0.0704
NN matching on pscore, $M = 4$	0.0061	0.0687	0.0685
NN matching on pscore, bias-adj., $M = 1$	0.0093	0.0707	0.0701
NN matching on pscore, bias-adj., $M = 2$	0.0067	0.0678	0.0675
NN matching on pscore, bias-adj., $M = 4$	0.0110	0.0672	0.0664
Normalized reweighting	0.0006	0.0675	0.0675
Normalized reweighting, overlap corr.	–0.0027	0.0671	0.0672
Efficient reweighting	0.0023	0.0656	0.0656
Efficient reweighting, overlap corr.	–0.0024	0.0638	0.0638
Doubly robust regression, linear	0.0048	0.0663	0.0662
Doubly robust regression, linear, overlap corr.	–0.0049	0.0636	0.0635
Doubly robust regression, logistic	0.0045	0.0652	0.0651
Doubly robust regression, logistic, overlap corr.	–0.0035	0.0627	0.0627

Note: "Overlap corr." denotes the estimates which are obtained after removing all the treated observations from outside the overlap region. Codebook for numbering the simulation studies is provided in Tables 2–3.

Table 246: Results of Simulation #17

	Mean bias	RMSE	SD
LPM	–499	966	827
LPM, overlap corr.	–714	1,119	862
OB LPM	–680	1,090	852
OB LPM, overlap corr.	–748	1,162	890
Kernel matching, uniform	–136	1,891	1,887
Kernel matching, Gaussian	–638	5,860	5,827
Kernel matching, Epanechnikov	–103	1,824	1,821
Local linear regression	–842	4,207	4,123
NN matching on covs, $M = 1$	–1,062	1,815	1,472
NN matching on covs, $M = 2$	–1,567	2,034	1,298
NN matching on covs, $M = 4$	–2,087	2,365	1,113
NN matching on covs, bias-adj., $M = 1$	870	2,404	2,242
NN matching on covs, bias-adj., $M = 2$	1,205	2,431	2,111
NN matching on covs, bias-adj., $M = 4$	1,626	2,488	1,883
NN matching on pscore, $M = 1$	–559	5,890	5,865
NN matching on pscore, $M = 2$	–649	4,379	4,332
NN matching on pscore, $M = 4$	–654	3,158	3,090
NN matching on pscore, bias-adj., $M = 1$	244	3,323	3,314
NN matching on pscore, bias-adj., $M = 2$	263	3,209	3,199
NN matching on pscore, bias-adj., $M = 4$	294	2,990	2,976
Normalized reweighting	–604	4,540	4,501
Normalized reweighting, overlap corr.	95	4,488	4,488
Efficient reweighting	–503	3,966	3,935
Efficient reweighting, overlap corr.	58	2,368	2,368
Doubly robust regression, linear	340	2,879	2,859
Doubly robust regression, linear, overlap corr.	161	1,687	1,680

Note: "Overlap corr." denotes the estimates which are obtained after removing all the treated observations from outside the overlap region. Codebook for numbering the simulation studies is provided in Tables 2–3.

Table 247: Results of Simulation #18

	Mean bias	RMSE	SD
LPM	–189	1,005	987
LPM, overlap corr.	–277	1,142	1,108
OB LPM	–371	1,057	990
OB LPM, overlap corr.	–308	1,172	1,131
Kernel matching, uniform	–171	1,818	1,810
Kernel matching, Gaussian	–468	5,629	5,611
Kernel matching, Epanechnikov	–134	1,783	1,779
Local linear regression	–825	4,004	3,919
NN matching on covs, $M = 1$	–612	1,566	1,442
NN matching on covs, $M = 2$	–994	1,753	1,444
NN matching on covs, $M = 4$	–1,597	2,090	1,348
NN matching on covs, bias-adj., $M = 1$	661	2,557	2,471
NN matching on covs, bias-adj., $M = 2$	1,018	2,595	2,388
NN matching on covs, bias-adj., $M = 4$	1,502	2,718	2,266
NN matching on pscore, $M = 1$	–378	5,660	5,648
NN matching on pscore, $M = 2$	–603	5,038	5,003
NN matching on pscore, $M = 4$	–885	4,490	4,403
NN matching on pscore, bias-adj., $M = 1$	–91	4,239	4,239
NN matching on pscore, bias-adj., $M = 2$	–100	4,057	4,057
NN matching on pscore, bias-adj., $M = 4$	–66	3,931	3,931
Normalized reweighting	–423	2,927	2,897
Normalized reweighting, overlap corr.	329	2,899	2,881
Efficient reweighting	–361	3,491	3,473
Efficient reweighting, overlap corr.	143	2,340	2,336
Doubly robust regression, linear	8	3,414	3,415
Doubly robust regression, linear, overlap corr.	225	1,915	1,902

Note: "Overlap corr." denotes the estimates which are obtained after removing all the treated observations from outside the overlap region. Codebook for numbering the simulation studies is provided in Tables 2–3.

Table 248: Results of Simulation #19

	Mean bias	RMSE	SD
LPM	–731	1,083	800
LPM, overlap corr.	–764	1,158	871
OB LPM	–941	1,242	811
OB LPM, overlap corr.	–849	1,238	901
Kernel matching, uniform	–10	1,485	1,486
Kernel matching, Gaussian	–104	2,490	2,488
Kernel matching, Epanechnikov	23	1,469	1,469
Local linear regression	–691	2,433	2,333
NN matching on covs, $M = 1$	–616	1,182	1,009
NN matching on covs, $M = 2$	–937	1,379	1,012
NN matching on covs, $M = 4$	–1,503	1,812	1,012
NN matching on covs, bias-adj., $M = 1$	1,246	2,123	1,719
NN matching on covs, bias-adj., $M = 2$	1,571	2,283	1,657
NN matching on covs, bias-adj., $M = 4$	1,927	2,537	1,650
NN matching on pscore, $M = 1$	–3	2,543	2,544
NN matching on pscore, $M = 2$	17	2,395	2,396
NN matching on pscore, $M = 4$	–182	2,338	2,332
NN matching on pscore, bias-adj., $M = 1$	398	2,530	2,499
NN matching on pscore, bias-adj., $M = 2$	369	2,508	2,481
NN matching on pscore, bias-adj., $M = 4$	400	2,513	2,481
Normalized reweighting	–317	2,067	2,043
Normalized reweighting, overlap corr.	356	2,075	2,045
Efficient reweighting	–185	1,891	1,882
Efficient reweighting, overlap corr.	112	1,549	1,545
Doubly robust regression, linear	278	2,209	2,192
Doubly robust regression, linear, overlap corr.	69	1,441	1,440

Note: "Overlap corr." denotes the estimates which are obtained after removing all the treated observations from outside the overlap region. Codebook for numbering the simulation studies is provided in Tables 2–3.

Table 249: Results of Simulation #20

	Mean bias	RMSE	SD
LPM	–642	1,129	929
LPM, overlap corr.	–707	1,259	1,043
OB LPM	–793	1,205	909
OB LPM, overlap corr.	–747	1,289	1,051
Kernel matching, uniform	–104	1,530	1,527
Kernel matching, Gaussian	–261	2,331	2,317
Kernel matching, Epanechnikov	–74	1,514	1,513
Local linear regression	–875	2,288	2,114
NN matching on covs, $M = 1$	–528	1,213	1,093
NN matching on covs, $M = 2$	–704	1,284	1,074
NN matching on covs, $M = 4$	–1,129	1,559	1,076
NN matching on covs, bias-adj., $M = 1$	1,009	2,130	1,876
NN matching on covs, bias-adj., $M = 2$	1,374	2,239	1,768
NN matching on covs, bias-adj., $M = 4$	1,762	2,523	1,806
NN matching on pscore, $M = 1$	–132	2,360	2,357
NN matching on pscore, $M = 2$	–102	2,136	2,134
NN matching on pscore, $M = 4$	–35	2,229	2,229
NN matching on pscore, bias-adj., $M = 1$	93	2,754	2,753
NN matching on pscore, bias-adj., $M = 2$	87	2,528	2,527
NN matching on pscore, bias-adj., $M = 4$	129	2,477	2,475
Normalized reweighting	–369	2,124	2,093
Normalized reweighting, overlap corr.	211	2,137	2,127
Efficient reweighting	–256	1,969	1,952
Efficient reweighting, overlap corr.	–13	1,640	1,640
Doubly robust regression, linear	33	2,339	2,340
Doubly robust regression, linear, overlap corr.	–73	1,617	1,616

Note: "Overlap corr." denotes the estimates which are obtained after removing all the treated observations from outside the overlap region. Codebook for numbering the simulation studies is provided in Tables 2–3.

Table 250: Results of Simulation #21

	Mean bias	RMSE	SD
LPM	70	1,063	1,061
LPM, overlap corr.	101	1,261	1,258
OB LPM	–125	1,038	1,031
OB LPM, overlap corr.	40	1,275	1,274
Kernel matching, uniform	–188	1,971	1,962
Kernel matching, Gaussian	–497	4,855	4,831
Kernel matching, Epanechnikov	–161	1,960	1,954
Local linear regression	–1,163	3,701	3,514
NN matching on covs, $M = 1$	–728	1,595	1,420
NN matching on covs, $M = 2$	–1,004	1,715	1,390
NN matching on covs, $M = 4$	–1,462	2,011	1,381
NN matching on covs, bias-adj., $M = 1$	377	2,570	2,543
NN matching on covs, bias-adj., $M = 2$	659	2,392	2,300
NN matching on covs, bias-adj., $M = 4$	998	2,334	2,110
NN matching on pscore, $M = 1$	–426	5,074	5,058
NN matching on pscore, $M = 2$	–596	4,507	4,469
NN matching on pscore, $M = 4$	–747	3,879	3,808
NN matching on pscore, bias-adj., $M = 1$	–33	3,876	3,876
NN matching on pscore, bias-adj., $M = 2$	–57	3,719	3,720
NN matching on pscore, bias-adj., $M = 4$	–69	3,628	3,628
Normalized reweighting	–582	3,339	3,289
Normalized reweighting, overlap corr.	300	3,361	3,349
Efficient reweighting	–485	3,650	3,619
Efficient reweighting, overlap corr.	53	2,947	2,947
Doubly robust regression, linear	–47	3,197	3,198
Doubly robust regression, linear, overlap corr.	62	2,052	2,052

Note: "Overlap corr." denotes the estimates which are obtained after removing all the treated observations from outside the overlap region. Codebook for numbering the simulation studies is provided in Tables 2–3.

Table 251: Results of Simulation #22

	Mean bias	RMSE	SD
LPM	136	1,240	1,233
LPM, overlap corr.	247	1,547	1,527
OB LPM	–60	1,183	1,182
OB LPM, overlap corr.	152	1,506	1,498
Kernel matching, uniform	–100	2,028	2,026
Kernel matching, Gaussian	–645	4,407	4,360
Kernel matching, Epanechnikov	–89	2,011	2,009
Local linear regression	–1,396	4,449	4,226
NN matching on covs, $M = 1$	–536	1,595	1,502
NN matching on covs, $M = 2$	–798	1,702	1,503
NN matching on covs, $M = 4$	–1,138	1,895	1,516
NN matching on covs, bias-adj., $M = 1$	347	3,005	2,985
NN matching on covs, bias-adj., $M = 2$	488	2,629	2,584
NN matching on covs, bias-adj., $M = 4$	748	2,482	2,367
NN matching on pscore, $M = 1$	–534	4,652	4,623
NN matching on pscore, $M = 2$	–528	4,276	4,245
NN matching on pscore, $M = 4$	–640	3,915	3,864
NN matching on pscore, bias-adj., $M = 1$	–386	5,847	5,836
NN matching on pscore, bias-adj., $M = 2$	–419	4,791	4,773
NN matching on pscore, bias-adj., $M = 4$	–341	4,864	4,853
Normalized reweighting	–688	2,830	2,746
Normalized reweighting, overlap corr.	254	2,838	2,827
Efficient reweighting	–571	3,086	3,034
Efficient reweighting, overlap corr.	7	2,450	2,450
Doubly robust regression, linear	–333	3,729	3,715
Doubly robust regression, linear, overlap corr.	–87	2,318	2,317

Note: "Overlap corr." denotes the estimates which are obtained after removing all the treated observations from outside the overlap region. Codebook for numbering the simulation studies is provided in Tables 2–3.

Table 252: Results of Simulation #23

	Mean bias	RMSE	SD
LPM	–563	1,104	950
LPM, overlap corr.	–615	1,237	1,073
OB LPM	–690	1,143	911
OB LPM, overlap corr.	–665	1,250	1,059
Kernel matching, uniform	–91	1,514	1,512
Kernel matching, Gaussian	–172	2,179	2,173
Kernel matching, Epanechnikov	–70	1,501	1,500
Local linear regression	–973	2,106	1,868
NN matching on covs, $M = 1$	–782	1,428	1,196
NN matching on covs, $M = 2$	–904	1,416	1,091
NN matching on covs, $M = 4$	–1,152	1,566	1,061
NN matching on covs, bias-adj., $M = 1$	642	1,981	1,874
NN matching on covs, bias-adj., $M = 2$	1,013	2,015	1,743
NN matching on covs, bias-adj., $M = 4$	1,367	2,160	1,673
NN matching on pscore, $M = 1$	–20	2,187	2,188
NN matching on pscore, $M = 2$	–20	1,852	1,853
NN matching on pscore, $M = 4$	–92	1,604	1,602
NN matching on pscore, bias-adj., $M = 1$	190	2,337	2,330
NN matching on pscore, bias-adj., $M = 2$	175	2,218	2,212
NN matching on pscore, bias-adj., $M = 4$	203	2,073	2,063
Normalized reweighting	–289	2,090	2,070
Normalized reweighting, overlap corr.	282	2,139	2,121
Efficient reweighting	–143	1,839	1,834
Efficient reweighting, overlap corr.	37	1,518	1,518
Doubly robust regression, linear	135	2,005	2,001
Doubly robust regression, linear, overlap corr.	–98	1,523	1,520

Note: "Overlap corr." denotes the estimates which are obtained after removing all the treated observations from outside the overlap region. Codebook for numbering the simulation studies is provided in Tables 2–3.

Table 253: Results of Simulation #24

	Mean bias	RMSE	SD
LPM	–665	1,199	997
LPM, overlap corr.	–773	1,357	1,115
OB LPM	–764	1,227	960
OB LPM, overlap corr.	–811	1,361	1,093
Kernel matching, uniform	–236	1,484	1,466
Kernel matching, Gaussian	–396	2,268	2,233
Kernel matching, Epanechnikov	–209	1,449	1,435
Local linear regression	–1,120	2,209	1,905
NN matching on covs, $M = 1$	–944	1,542	1,219
NN matching on covs, $M = 2$	–1,025	1,545	1,156
NN matching on covs, $M = 4$	–1,132	1,574	1,094
NN matching on covs, bias-adj., $M = 1$	291	2,005	1,985
NN matching on covs, bias-adj., $M = 2$	688	1,988	1,865
NN matching on covs, bias-adj., $M = 4$	1,048	2,031	1,739
NN matching on pscore, $M = 1$	–177	2,252	2,246
NN matching on pscore, $M = 2$	–147	1,914	1,909
NN matching on pscore, $M = 4$	–147	1,633	1,627
NN matching on pscore, bias-adj., $M = 1$	93	2,551	2,550
NN matching on pscore, bias-adj., $M = 2$	61	2,377	2,377
NN matching on pscore, bias-adj., $M = 4$	139	2,113	2,109
Normalized reweighting	–425	2,153	2,111
Normalized reweighting, overlap corr.	45	2,133	2,133
Efficient reweighting	–338	2,056	2,028
Efficient reweighting, overlap corr.	–159	1,649	1,642
Doubly robust regression, linear	–60	2,139	2,139
Doubly robust regression, linear, overlap corr.	–288	1,582	1,556

Note: "Overlap corr." denotes the estimates which are obtained after removing all the treated observations from outside the overlap region. Codebook for numbering the simulation studies is provided in Tables 2–3.

Table 254: Results of Simulation #25

	Mean bias	RMSE	SD
LPM	0.0122	0.0299	0.0274
LPM, overlap corr.	0.0084	0.0307	0.0295
Logit	0.0255	0.0416	0.0329
Logit, overlap corr.	0.0154	0.0360	0.0326
Probit	0.0316	0.0449	0.0319
Probit, overlap corr.	0.0202	0.0381	0.0323
Complementary log-log	0.0250	0.0405	0.0318
Complementary log-log, overlap corr.	0.0152	0.0349	0.0314
OB LPM	0.0107	0.0310	0.0291
OB LPM, overlap corr.	0.0111	0.0327	0.0308
OB logit	0.0221	0.0407	0.0342
OB logit, overlap corr.	0.0156	0.0366	0.0332
OB probit	0.0260	0.0417	0.0326
OB probit, overlap corr.	0.0188	0.0376	0.0326
Kernel matching, uniform	0.0001	0.0801	0.0801
Kernel matching, Gaussian	–0.0031	0.1594	0.1594
Kernel matching, Epanechnikov	–0.0017	0.0778	0.0778
Local linear regression	0.0129	0.1298	0.1292
Local logit	–0.0083	0.1682	0.1680
NN matching on covs, $M = 1$	0.0176	0.0531	0.0501
NN matching on covs, $M = 2$	0.0235	0.0472	0.0410
NN matching on covs, $M = 4$	0.0301	0.0461	0.0350
NN matching on covs, bias-adj., $M = 1$	–0.0140	0.0880	0.0869
NN matching on covs, bias-adj., $M = 2$	–0.0169	0.0787	0.0769
NN matching on covs, bias-adj., $M = 4$	–0.0264	0.0706	0.0655
NN matching on pscore, $M = 1$	–0.0080	0.1685	0.1683
NN matching on pscore, $M = 2$	–0.0014	0.1327	0.1327
NN matching on pscore, $M = 4$	0.0185	0.1041	0.1025
NN matching on pscore, bias-adj., $M = 1$	–0.0240	0.1263	0.1240
NN matching on pscore, bias-adj., $M = 2$	–0.0246	0.1232	0.1207
NN matching on pscore, bias-adj., $M = 4$	–0.0211	0.1137	0.1117
Normalized reweighting	0.0073	0.1272	0.1271
Normalized reweighting, overlap corr.	–0.0066	0.1256	0.1255
Efficient reweighting	0.0003	0.1230	0.1230
Efficient reweighting, overlap corr.	–0.0032	0.0784	0.0784
Doubly robust regression, linear	–0.0185	0.1088	0.1073
Doubly robust regression, linear, overlap corr.	–0.0030	0.0595	0.0594
Doubly robust regression, logistic	–0.0244	0.1086	0.1059
Doubly robust regression, logistic, overlap corr.	–0.0044	0.0584	0.0582

Note: "Overlap corr." denotes the estimates which are obtained after removing all the treated observations from outside the overlap region. Codebook for numbering the simulation studies is provided in Tables 2–3.

Table 255: Results of Simulation #26

	Mean bias	RMSE	SD
LPM	0.0103	0.0331	0.0315
LPM, overlap corr.	0.0142	0.0373	0.0345
Logit	0.0259	0.0452	0.0370
Logit, overlap corr.	0.0231	0.0445	0.0380
Probit	0.0333	0.0490	0.0360
Probit, overlap corr.	0.0299	0.0481	0.0377
Complementary log-log	0.0244	0.0430	0.0355
Complementary log-log, overlap corr.	0.0196	0.0407	0.0357
OB LPM	0.0083	0.0344	0.0334
OB LPM, overlap corr.	0.0177	0.0398	0.0357
OB logit	0.0216	0.0443	0.0386
OB logit, overlap corr.	0.0250	0.0456	0.0381
OB probit	0.0250	0.0446	0.0369
OB probit, overlap corr.	0.0279	0.0468	0.0376
Kernel matching, uniform	0.0051	0.0778	0.0777
Kernel matching, Gaussian	–0.0168	0.1767	0.1759
Kernel matching, Epanechnikov	0.0034	0.0742	0.0741
Local linear regression	0.0006	0.1350	0.1350
Local logit	–0.0236	0.1852	0.1837
NN matching on covs, $M = 1$	0.0111	0.0629	0.0619
NN matching on covs, $M = 2$	0.0153	0.0537	0.0515
NN matching on covs, $M = 4$	0.0235	0.0494	0.0435
NN matching on covs, bias-adj., $M = 1$	–0.0267	0.1117	0.1085
NN matching on covs, bias-adj., $M = 2$	–0.0283	0.0977	0.0935
NN matching on covs, bias-adj., $M = 4$	–0.0361	0.0896	0.0820
NN matching on pscore, $M = 1$	–0.0232	0.1852	0.1837
NN matching on pscore, $M = 2$	–0.0223	0.1494	0.1478
NN matching on pscore, $M = 4$	–0.0115	0.1187	0.1181
NN matching on pscore, bias-adj., $M = 1$	–0.0268	0.1547	0.1524
NN matching on pscore, bias-adj., $M = 2$	–0.0287	0.1518	0.1491
NN matching on pscore, bias-adj., $M = 4$	–0.0302	0.1397	0.1364
Normalized reweighting	0.0049	0.1318	0.1317
Normalized reweighting, overlap corr.	0.0039	0.1304	0.1303
Efficient reweighting	–0.0074	0.1373	0.1372
Efficient reweighting, overlap corr.	0.0069	0.0872	0.0870
Doubly robust regression, linear	–0.0238	0.1261	0.1238
Doubly robust regression, linear, overlap corr.	0.0014	0.0651	0.0651
Doubly robust regression, logistic	–0.0370	0.1258	0.1202
Doubly robust regression, logistic, overlap corr.	–0.0016	0.0674	0.0674

Note: "Overlap corr." denotes the estimates which are obtained after removing all the treated observations from outside the overlap region. Codebook for numbering the simulation studies is provided in Tables 2–3.

Table 256: Results of Simulation #27

	Mean bias	RMSE	SD
LPM	0.0211	0.0339	0.0266
LPM, overlap corr.	0.0251	0.0379	0.0285
Logit	0.0290	0.0437	0.0327
Logit, overlap corr.	0.0273	0.0424	0.0324
Probit	0.0359	0.0478	0.0316
Probit, overlap corr.	0.0334	0.0461	0.0318
Complementary log-log	0.0284	0.0430	0.0323
Complementary log-log, overlap corr.	0.0262	0.0405	0.0308
OB LPM	0.0133	0.0312	0.0282
OB LPM, overlap corr.	0.0275	0.0403	0.0295
OB logit	0.0167	0.0370	0.0331
OB logit, overlap corr.	0.0275	0.0415	0.0311
OB probit	0.0237	0.0392	0.0313
OB probit, overlap corr.	0.0324	0.0444	0.0303
Kernel matching, uniform	0.0007	0.0682	0.0682
Kernel matching, Gaussian	–0.0076	0.1522	0.1521
Kernel matching, Epanechnikov	–0.0013	0.0669	0.0669
Local linear regression	–0.0039	0.1232	0.1232
Local logit	–0.0113	0.1571	0.1568
NN matching on covs, $M = 1$	–0.0200	0.0528	0.0489
NN matching on covs, $M = 2$	–0.0171	0.0469	0.0437
NN matching on covs, $M = 4$	–0.0093	0.0393	0.0382
NN matching on covs, bias-adj., $M = 1$	–0.0540	0.0984	0.0824
NN matching on covs, bias-adj., $M = 2$	–0.0601	0.0949	0.0736
NN matching on covs, bias-adj., $M = 4$	–0.0668	0.0944	0.0668
NN matching on pscore, $M = 1$	–0.0119	0.1577	0.1573
NN matching on pscore, $M = 2$	–0.0183	0.1313	0.1300
NN matching on pscore, $M = 4$	–0.0105	0.1057	0.1052
NN matching on pscore, bias-adj., $M = 1$	–0.0244	0.1185	0.1160
NN matching on pscore, bias-adj., $M = 2$	–0.0265	0.1141	0.1110
NN matching on pscore, bias-adj., $M = 4$	–0.0285	0.1053	0.1014
Normalized reweighting	0.0005	0.1177	0.1177
Normalized reweighting, overlap corr.	0.0046	0.1164	0.1164
Efficient reweighting	–0.0058	0.1149	0.1148
Efficient reweighting, overlap corr.	0.0027	0.0746	0.0746
Doubly robust regression, linear	–0.0250	0.1032	0.1002
Doubly robust regression, linear, overlap corr.	0.0012	0.0585	0.0585
Doubly robust regression, logistic	–0.0401	0.1086	0.1009
Doubly robust regression, logistic, overlap corr.	0.0008	0.0558	0.0558

Note: "Overlap corr." denotes the estimates which are obtained after removing all the treated observations from outside the overlap region. Codebook for numbering the simulation studies is provided in Tables 2–3.

Table 257: Results of Simulation #28

	Mean bias	RMSE	SD
LPM	0.0151	0.0346	0.0311
LPM, overlap corr.	0.0302	0.0457	0.0343
Logit	0.0241	0.0439	0.0367
Logit, overlap corr.	0.0331	0.0505	0.0381
Probit	0.0323	0.0479	0.0355
Probit, overlap corr.	0.0407	0.0553	0.0376
Complementary log-log	0.0215	0.0414	0.0354
Complementary log-log, overlap corr.	0.0278	0.0445	0.0348
OB LPM	0.0053	0.0331	0.0327
OB LPM, overlap corr.	0.0309	0.0467	0.0351
OB logit	0.0090	0.0383	0.0373
OB logit, overlap corr.	0.0315	0.0481	0.0365
OB probit	0.0166	0.0393	0.0357
OB probit, overlap corr.	0.0373	0.0518	0.0359
Kernel matching, uniform	0.0018	0.0692	0.0692
Kernel matching, Gaussian	–0.0039	0.1581	0.1581
Kernel matching, Epanechnikov	0.0002	0.0668	0.0668
Local linear regression	–0.0009	0.1249	0.1249
Local logit	–0.0084	0.1624	0.1622
NN matching on covs, $M = 1$	–0.0305	0.0667	0.0593
NN matching on covs, $M = 2$	–0.0324	0.0610	0.0517
NN matching on covs, $M = 4$	–0.0285	0.0543	0.0462
NN matching on covs, bias-adj., $M = 1$	–0.0531	0.1128	0.0996
NN matching on covs, bias-adj., $M = 2$	–0.0655	0.1097	0.0880
NN matching on covs, bias-adj., $M = 4$	–0.0759	0.1097	0.0792
NN matching on pscore, $M = 1$	–0.0078	0.1621	0.1620
NN matching on pscore, $M = 2$	–0.0212	0.1373	0.1357
NN matching on pscore, $M = 4$	–0.0328	0.1174	0.1127
NN matching on pscore, bias-adj., $M = 1$	–0.0331	0.1412	0.1373
NN matching on pscore, bias-adj., $M = 2$	–0.0329	0.1356	0.1316
NN matching on pscore, bias-adj., $M = 4$	–0.0341	0.1274	0.1228
Normalized reweighting	–0.0006	0.1197	0.1197
Normalized reweighting, overlap corr.	0.0114	0.1187	0.1182
Efficient reweighting	–0.0047	0.1205	0.1204
Efficient reweighting, overlap corr.	0.0067	0.0802	0.0800
Doubly robust regression, linear	–0.0301	0.1233	0.1196
Doubly robust regression, linear, overlap corr.	0.0022	0.0690	0.0690
Doubly robust regression, logistic	–0.0421	0.1206	0.1130
Doubly robust regression, logistic, overlap corr.	0.0004	0.0657	0.0658

Note: "Overlap corr." denotes the estimates which are obtained after removing all the treated observations from outside the overlap region. Codebook for numbering the simulation studies is provided in Tables 2–3.

Table 258: Results of Simulation #29

	Mean bias	RMSE	SD
LPM	0.0101	0.0352	0.0338
LPM, overlap corr.	0.0186	0.0433	0.0391
Logit	0.0295	0.0495	0.0398
Logit, overlap corr.	0.0337	0.0557	0.0443
Probit	0.0363	0.0532	0.0389
Probit, overlap corr.	0.0393	0.0589	0.0438
Complementary log-log	0.0292	0.0479	0.0380
Complementary log-log, overlap corr.	0.0329	0.0527	0.0413
OB LPM	0.0098	0.0363	0.0350
OB LPM, overlap corr.	0.0222	0.0457	0.0400
OB logit	0.0256	0.0469	0.0393
OB logit, overlap corr.	0.0350	0.0550	0.0425
OB probit	0.0286	0.0475	0.0380
OB probit, overlap corr.	0.0375	0.0565	0.0423
Kernel matching, uniform	0.0050	0.0752	0.0750
Kernel matching, Gaussian	–0.0117	0.1646	0.1643
Kernel matching, Epanechnikov	0.0035	0.0697	0.0696
Local linear regression	0.0086	0.1221	0.1218
Local logit	–0.0159	0.1737	0.1730
NN matching on covs, $M = 1$	0.0155	0.0700	0.0683
NN matching on covs, $M = 2$	0.0238	0.0624	0.0577
NN matching on covs, $M = 4$	0.0284	0.0556	0.0479
NN matching on covs, bias-adj., $M = 1$	–0.0381	0.1237	0.1178
NN matching on covs, bias-adj., $M = 2$	–0.0341	0.1075	0.1020
NN matching on covs, bias-adj., $M = 4$	–0.0356	0.0959	0.0891
NN matching on pscore, $M = 1$	–0.0163	0.1737	0.1730
NN matching on pscore, $M = 2$	–0.0255	0.1441	0.1418
NN matching on pscore, $M = 4$	–0.0252	0.1201	0.1174
NN matching on pscore, bias-adj., $M = 1$	–0.0417	0.1610	0.1555
NN matching on pscore, bias-adj., $M = 2$	–0.0456	0.1594	0.1528
NN matching on pscore, bias-adj., $M = 4$	–0.0464	0.1517	0.1444
Normalized reweighting	0.0090	0.1187	0.1183
Normalized reweighting, overlap corr.	0.0140	0.1188	0.1180
Efficient reweighting	–0.0053	0.1272	0.1271
Efficient reweighting, overlap corr.	0.0103	0.0836	0.0830
Doubly robust regression, linear	–0.0382	0.1324	0.1268
Doubly robust regression, linear, overlap corr.	0.0039	0.0701	0.0700
Doubly robust regression, logistic	–0.0518	0.1347	0.1243
Doubly robust regression, logistic, overlap corr.	–0.0006	0.0716	0.0717

Note: "Overlap corr." denotes the estimates which are obtained after removing all the treated observations from outside the overlap region. Codebook for numbering the simulation studies is provided in Tables 2–3.

Table 259: Results of Simulation #30

	Mean bias	RMSE	SD
LPM	0.0078	0.0407	0.0400
LPM, overlap corr.	0.0265	0.0530	0.0459
Logit	0.0289	0.0547	0.0465
Logit, overlap corr.	0.0444	0.0690	0.0528
Probit	0.0364	0.0580	0.0452
Probit, overlap corr.	0.0503	0.0722	0.0518
Complementary log-log	0.0270	0.0511	0.0434
Complementary log-log, overlap corr.	0.0385	0.0617	0.0482
OB LPM	0.0058	0.0416	0.0412
OB LPM, overlap corr.	0.0297	0.0553	0.0467
OB logit	0.0219	0.0507	0.0458
OB logit, overlap corr.	0.0451	0.0671	0.0498
OB probit	0.0250	0.0509	0.0443
OB probit, overlap corr.	0.0477	0.0688	0.0496
Kernel matching, uniform	0.0044	0.0767	0.0766
Kernel matching, Gaussian	0.0011	0.1726	0.1726
Kernel matching, Epanechnikov	0.0033	0.0725	0.0724
Local linear regression	0.0027	0.1321	0.1321
Local logit	–0.0020	0.1805	0.1805
NN matching on covs, $M = 1$	–0.0027	0.0828	0.0827
NN matching on covs, $M = 2$	0.0103	0.0702	0.0695
NN matching on covs, $M = 4$	0.0161	0.0617	0.0596
NN matching on covs, bias-adj., $M = 1$	–0.0549	0.1550	0.1450
NN matching on covs, bias-adj., $M = 2$	–0.0525	0.1358	0.1253
NN matching on covs, bias-adj., $M = 4$	–0.0519	0.1188	0.1069
NN matching on pscore, $M = 1$	–0.0035	0.1813	0.1813
NN matching on pscore, $M = 2$	–0.0109	0.1523	0.1520
NN matching on pscore, $M = 4$	–0.0258	0.1296	0.1270
NN matching on pscore, bias-adj., $M = 1$	–0.0499	0.2165	0.2107
NN matching on pscore, bias-adj., $M = 2$	–0.0486	0.2158	0.2103
NN matching on pscore, bias-adj., $M = 4$	–0.0547	0.1953	0.1876
Normalized reweighting	0.0112	0.1267	0.1262
Normalized reweighting, overlap corr.	0.0211	0.1263	0.1246
Efficient reweighting	0.0043	0.1355	0.1355
Efficient reweighting, overlap corr.	0.0154	0.0917	0.0904
Doubly robust regression, linear	–0.0433	0.1481	0.1416
Doubly robust regression, linear, overlap corr.	0.0069	0.0812	0.0810
Doubly robust regression, logistic	–0.0585	0.1430	0.1305
Doubly robust regression, logistic, overlap corr.	–0.0030	0.0816	0.0815

Note: "Overlap corr." denotes the estimates which are obtained after removing all the treated observations from outside the overlap region. Codebook for numbering the simulation studies is provided in Tables 2–3.

Table 260: Results of Simulation #31

	Mean bias	RMSE	SD
LPM	0.0113	0.0359	0.0341
LPM, overlap corr.	0.0292	0.0483	0.0385
Logit	0.0191	0.0443	0.0400
Logit, overlap corr.	0.0322	0.0540	0.0433
Probit	0.0293	0.0484	0.0386
Probit, overlap corr.	0.0411	0.0589	0.0422
Complementary log-log	0.0097	0.0385	0.0373
Complementary log-log, overlap corr.	0.0186	0.0420	0.0377
OB LPM	0.0034	0.0357	0.0356
OB LPM, overlap corr.	0.0295	0.0491	0.0393
OB logit	0.0067	0.0410	0.0404
OB logit, overlap corr.	0.0300	0.0505	0.0407
OB probit	0.0143	0.0411	0.0386
OB probit, overlap corr.	0.0360	0.0538	0.0400
Kernel matching, uniform	0.0012	0.0696	0.0696
Kernel matching, Gaussian	–0.0063	0.1557	0.1556
Kernel matching, Epanechnikov	0.0004	0.0671	0.0671
Local linear regression	–0.0027	0.1183	0.1183
Local logit	–0.0091	0.1598	0.1596
NN matching on covs, $M = 1$	–0.0170	0.0668	0.0646
NN matching on covs, $M = 2$	–0.0234	0.0617	0.0571
NN matching on covs, $M = 4$	–0.0249	0.0566	0.0508
NN matching on covs, bias-adj., $M = 1$	–0.0328	0.1115	0.1066
NN matching on covs, bias-adj., $M = 2$	–0.0481	0.1052	0.0935
NN matching on covs, bias-adj., $M = 4$	–0.0593	0.1019	0.0829
NN matching on pscore, $M = 1$	–0.0106	0.1593	0.1590
NN matching on pscore, $M = 2$	–0.0116	0.1345	0.1341
NN matching on pscore, $M = 4$	–0.0118	0.1125	0.1119
NN matching on pscore, bias-adj., $M = 1$	–0.0313	0.1431	0.1397
NN matching on pscore, bias-adj., $M = 2$	–0.0288	0.1331	0.1299
NN matching on pscore, bias-adj., $M = 4$	–0.0253	0.1268	0.1243
Normalized reweighting	0.0001	0.1187	0.1188
Normalized reweighting, overlap corr.	0.0080	0.1174	0.1172
Efficient reweighting	–0.0033	0.1243	0.1243
Efficient reweighting, overlap corr.	0.0043	0.0885	0.0884
Doubly robust regression, linear	–0.0251	0.1175	0.1148
Doubly robust regression, linear, overlap corr.	0.0019	0.0715	0.0715
Doubly robust regression, logistic	–0.0288	0.1186	0.1151
Doubly robust regression, logistic, overlap corr.	0.0014	0.0720	0.0720

Note: "Overlap corr." denotes the estimates which are obtained after removing all the treated observations from outside the overlap region. Codebook for numbering the simulation studies is provided in Tables 2–3.

Table 261: Results of Simulation #32

	Mean bias	RMSE	SD
LPM	0.0044	0.0411	0.0409
LPM, overlap corr.	0.0357	0.0594	0.0475
Logit	0.0130	0.0487	0.0469
Logit, overlap corr.	0.0401	0.0675	0.0543
Probit	0.0237	0.0507	0.0448
Probit, overlap corr.	0.0488	0.0715	0.0523
Complementary log-log	0.0026	0.0440	0.0440
Complementary log-log, overlap corr.	0.0209	0.0516	0.0472
OB LPM	–0.0043	0.0423	0.0420
OB LPM, overlap corr.	0.0355	0.0600	0.0483
OB logit	–0.0012	0.0468	0.0468
OB logit, overlap corr.	0.0355	0.0614	0.0501
OB probit	0.0062	0.0453	0.0449
OB probit, overlap corr.	0.0417	0.0647	0.0495
Kernel matching, uniform	0.0017	0.0763	0.0763
Kernel matching, Gaussian	–0.0058	0.1591	0.1590
Kernel matching, Epanechnikov	0.0006	0.0734	0.0734
Local linear regression	–0.0064	0.1254	0.1252
Local logit	–0.0097	0.1628	0.1626
NN matching on covs, $M = 1$	–0.0108	0.0763	0.0756
NN matching on covs, $M = 2$	–0.0244	0.0701	0.0657
NN matching on covs, $M = 4$	–0.0338	0.0671	0.0579
NN matching on covs, bias-adj., $M = 1$	–0.0198	0.1233	0.1217
NN matching on covs, bias-adj., $M = 2$	–0.0383	0.1129	0.1062
NN matching on covs, bias-adj., $M = 4$	–0.0547	0.1072	0.0922
NN matching on pscore, $M = 1$	–0.0104	0.1619	0.1616
NN matching on pscore, $M = 2$	–0.0102	0.1367	0.1364
NN matching on pscore, $M = 4$	–0.0087	0.1153	0.1150
NN matching on pscore, bias-adj., $M = 1$	–0.0350	0.1528	0.1488
NN matching on pscore, bias-adj., $M = 2$	–0.0369	0.1437	0.1389
NN matching on pscore, bias-adj., $M = 4$	–0.0353	0.1333	0.1286
Normalized reweighting	0.0024	0.1272	0.1272
Normalized reweighting, overlap corr.	0.0135	0.1275	0.1268
Efficient reweighting	0.0004	0.1220	0.1221
Efficient reweighting, overlap corr.	0.0092	0.0905	0.0901
Doubly robust regression, linear	–0.0297	0.1240	0.1205
Doubly robust regression, linear, overlap corr.	0.0058	0.0804	0.0802
Doubly robust regression, logistic	–0.0346	0.1254	0.1206
Doubly robust regression, logistic, overlap corr.	0.0048	0.0807	0.0806

Note: "Overlap corr." denotes the estimates which are obtained after removing all the treated observations from outside the overlap region. Codebook for numbering the simulation studies is provided in Tables 2–3.

Table 262: Results of Simulation #33

	Mean bias	RMSE	SD
LPM	1,230	1,329	528
LPM, overlap corr.	1,176	1,296	569
OB LPM	1,294	1,386	519
OB LPM, overlap corr.	1,230	1,343	564
Kernel matching, uniform	820	1,186	872
Kernel matching, Gaussian	1,020	1,538	1,153
Kernel matching, Epanechnikov	840	1,203	876
Local linear regression	724	1,190	937
NN matching on covs, $M = 1$	1,307	1,665	1,040
NN matching on covs, $M = 2$	1,335	1,621	918
NN matching on covs, $M = 4$	1,346	1,575	816
NN matching on covs, bias-adj., $M = 1$	1,188	1,580	1,054
NN matching on covs, bias-adj., $M = 2$	1,187	1,527	968
NN matching on covs, bias-adj., $M = 4$	1,195	1,495	907
NN matching on pscore, $M = 1$	1,250	1,731	1,200
NN matching on pscore, $M = 2$	1,193	1,593	1,050
NN matching on pscore, $M = 4$	1,157	1,496	944
NN matching on pscore, bias-adj., $M = 1$	1,250	1,638	1,061
NN matching on pscore, bias-adj., $M = 2$	1,243	1,577	971
NN matching on pscore, bias-adj., $M = 4$	1,228	1,528	910
Normalized reweighting	1,181	1,599	1,082
Normalized reweighting, overlap corr.	1,292	1,691	1,094
Efficient reweighting	1,199	1,553	993
Efficient reweighting, overlap corr.	1,130	1,430	883
Doubly robust regression, linear	1,215	1,533	943
Doubly robust regression, linear, overlap corr.	1,150	1,434	868

Note: "Overlap corr." denotes the estimates which are obtained after removing all the treated observations from outside the overlap region. Codebook for numbering the simulation studies is provided in Tables 2–3.

Table 263: Results of Simulation #34

	Mean bias	RMSE	SD
LPM	872	1,152	817
LPM, overlap corr.	815	1,116	832
OB LPM	956	1,217	816
OB LPM, overlap corr.	891	1,174	832
Kernel matching, uniform	258	974	999
Kernel matching, Gaussian	519	1,100	1,015
Kernel matching, Epanechnikov	290	989	1,006
Local linear regression	443	1,048	1,001
NN matching on covs, $M = 1$	916	1,366	1,063
NN matching on covs, $M = 2$	916	1,298	973
NN matching on covs, $M = 4$	914	1,269	932
NN matching on covs, bias-adj., $M = 1$	895	1,364	1,074
NN matching on covs, bias-adj., $M = 2$	882	1,289	989
NN matching on covs, bias-adj., $M = 4$	880	1,255	946
NN matching on pscore, $M = 1$	927	1,411	1,111
NN matching on pscore, $M = 2$	907	1,344	1,034
NN matching on pscore, $M = 4$	864	1,271	981
NN matching on pscore, bias-adj., $M = 1$	919	1,392	1,092
NN matching on pscore, bias-adj., $M = 2$	917	1,337	1,018
NN matching on pscore, bias-adj., $M = 4$	894	1,285	967
Normalized reweighting	837	1,240	960
Normalized reweighting, overlap corr.	863	1,263	971
Efficient reweighting	864	1,247	945
Efficient reweighting, overlap corr.	812	1,200	936
Doubly robust regression, linear	882	1,255	938
Doubly robust regression, linear, overlap corr.	822	1,201	927

Note: "Overlap corr." denotes the estimates which are obtained after removing all the treated observations from outside the overlap region. Codebook for numbering the simulation studies is provided in Tables 2–3.

Table 264: Results of Simulation #35

	Mean bias	RMSE	SD
LPM	779	912	490
LPM, overlap corr.	776	910	493
OB LPM	833	957	485
OB LPM, overlap corr.	829	954	488
Kernel matching, uniform	449	796	672
Kernel matching, Gaussian	466	844	712
Kernel matching, Epanechnikov	480	820	678
Local linear regression	540	876	700
NN matching on covs, $M = 1$	731	1,060	778
NN matching on covs, $M = 2$	755	1,028	708
NN matching on covs, $M = 4$	749	997	667
NN matching on covs, bias-adj., $M = 1$	729	1,073	799
NN matching on covs, bias-adj., $M = 2$	758	1,045	732
NN matching on covs, bias-adj., $M = 4$	753	1,015	693
NN matching on pscore, $M = 1$	756	1,103	812
NN matching on pscore, $M = 2$	742	1,022	714
NN matching on pscore, $M = 4$	726	986	676
NN matching on pscore, bias-adj., $M = 1$	788	1,113	797
NN matching on pscore, bias-adj., $M = 2$	771	1,036	705
NN matching on pscore, bias-adj., $M = 4$	760	1,008	672
Normalized reweighting	734	967	639
Normalized reweighting, overlap corr.	755	984	639
Efficient reweighting	735	961	628
Efficient reweighting, overlap corr.	736	959	623
Doubly robust regression, linear	749	969	623
Doubly robust regression, linear, overlap corr.	747	964	618

Note: "Overlap corr." denotes the estimates which are obtained after removing all the treated observations from outside the overlap region. Codebook for numbering the simulation studies is provided in Tables 2–3.

Table 265: Results of Simulation #36

	Mean bias	RMSE	SD
LPM	77	557	601
LPM, overlap corr.	88	560	604
OB LPM	137	570	602
OB LPM, overlap corr.	149	574	604
Kernel matching, uniform	–210	732	753
Kernel matching, Gaussian	–322	754	727
Kernel matching, Epanechnikov	–167	726	759
Local linear regression	–151	701	724
NN matching on covs, $M = 1$	108	811	841
NN matching on covs, $M = 2$	93	743	772
NN matching on covs, $M = 4$	87	707	744
NN matching on covs, bias-adj., $M = 1$	128	815	841
NN matching on covs, bias-adj., $M = 2$	115	754	778
NN matching on covs, bias-adj., $M = 4$	113	717	749
NN matching on pscore, $M = 1$	72	807	850
NN matching on pscore, $M = 2$	77	734	771
NN matching on pscore, $M = 4$	73	696	739
NN matching on pscore, bias-adj., $M = 1$	96	794	833
NN matching on pscore, bias-adj., $M = 2$	93	725	758
NN matching on pscore, bias-adj., $M = 4$	92	693	733
Normalized reweighting	86	641	680
Normalized reweighting, overlap corr.	115	645	680
Efficient reweighting	87	641	679
Efficient reweighting, overlap corr.	103	640	677
Doubly robust regression, linear	106	639	674
Doubly robust regression, linear, overlap corr.	119	638	672

Note: "Overlap corr." denotes the estimates which are obtained after removing all the treated observations from outside the overlap region. Codebook for numbering the simulation studies is provided in Tables 2–3.

Table 266: Results of Simulation #37

	Mean bias	RMSE	SD
LPM	1,700	1,840	771
LPM, overlap corr.	1,629	1,787	794
OB LPM	1,727	1,865	768
OB LPM, overlap corr.	1,650	1,805	792
Kernel matching, uniform	1,052	1,418	994
Kernel matching, Gaussian	1,253	1,659	1,085
Kernel matching, Epanechnikov	1,089	1,449	996
Local linear regression	1,051	1,433	1,015
NN matching on covs, $M = 1$	1,720	2,000	1,028
NN matching on covs, $M = 2$	1,709	1,933	915
NN matching on covs, $M = 4$	1,688	1,887	861
NN matching on covs, bias-adj., $M = 1$	1,653	1,957	1,055
NN matching on covs, bias-adj., $M = 2$	1,626	1,885	965
NN matching on covs, bias-adj., $M = 4$	1,622	1,847	906
NN matching on pscore, $M = 1$	1,610	1,989	1,172
NN matching on pscore, $M = 2$	1,617	1,915	1,039
NN matching on pscore, $M = 4$	1,548	1,831	1,001
NN matching on pscore, bias-adj., $M = 1$	1,639	1,952	1,066
NN matching on pscore, bias-adj., $M = 2$	1,654	1,916	984
NN matching on pscore, bias-adj., $M = 4$	1,602	1,860	965
Normalized reweighting	1,623	1,867	954
Normalized reweighting, overlap corr.	1,701	1,943	965
Efficient reweighting	1,627	1,865	941
Efficient reweighting, overlap corr.	1,591	1,819	913
Doubly robust regression, linear	1,636	1,854	895
Doubly robust regression, linear, overlap corr.	1,564	1,783	880

Note: "Overlap corr." denotes the estimates which are obtained after removing all the treated observations from outside the overlap region. Codebook for numbering the simulation studies is provided in Tables 2–3.

Table 267: Results of Simulation #38

	Mean bias	RMSE	SD
LPM	2,192	2,495	1,241
LPM, overlap corr.	2,116	2,440	1,262
OB LPM	2,237	2,536	1,244
OB LPM, overlap corr.	2,156	2,476	1,266
Kernel matching, uniform	1,434	1,954	1,369
Kernel matching, Gaussian	1,632	2,084	1,351
Kernel matching, Epanechnikov	1,491	1,997	1,370
Local linear regression	1,784	2,176	1,297
NN matching on covs, $M = 1$	2,209	2,588	1,399
NN matching on covs, $M = 2$	2,183	2,527	1,300
NN matching on covs, $M = 4$	2,150	2,481	1,275
NN matching on covs, bias-adj., $M = 1$	2,243	2,633	1,431
NN matching on covs, bias-adj., $M = 2$	2,228	2,583	1,339
NN matching on covs, bias-adj., $M = 4$	2,220	2,551	1,298
NN matching on pscore, $M = 1$	2,184	2,576	1,420
NN matching on pscore, $M = 2$	2,232	2,592	1,370
NN matching on pscore, $M = 4$	2,210	2,549	1,322
NN matching on pscore, bias-adj., $M = 1$	2,183	2,572	1,409
NN matching on pscore, bias-adj., $M = 2$	2,248	2,599	1,349
NN matching on pscore, bias-adj., $M = 4$	2,220	2,552	1,311
Normalized reweighting	2,213	2,529	1,276
Normalized reweighting, overlap corr.	2,181	2,511	1,294
Efficient reweighting	2,221	2,537	1,276
Efficient reweighting, overlap corr.	2,148	2,483	1,293
Doubly robust regression, linear	2,213	2,529	1,273
Doubly robust regression, linear, overlap corr.	2,134	2,470	1,293

Note: "Overlap corr." denotes the estimates which are obtained after removing all the treated observations from outside the overlap region. Codebook for numbering the simulation studies is provided in Tables 2–3.

Table 268: Results of Simulation #39

	Mean bias	RMSE	SD
LPM	1,075	1,240	679
LPM, overlap corr.	1,075	1,242	683
OB LPM	1,080	1,243	676
OB LPM, overlap corr.	1,079	1,245	680
Kernel matching, uniform	650	978	755
Kernel matching, Gaussian	513	864	723
Kernel matching, Epanechnikov	719	1,024	756
Local linear regression	807	1,071	747
NN matching on covs, $M = 1$	1,035	1,332	867
NN matching on covs, $M = 2$	1,031	1,278	792
NN matching on covs, $M = 4$	1,028	1,248	746
NN matching on covs, bias-adj., $M = 1$	1,038	1,341	885
NN matching on covs, bias-adj., $M = 2$	1,035	1,288	812
NN matching on covs, bias-adj., $M = 4$	1,037	1,262	765
NN matching on pscore, $M = 1$	1,075	1,367	884
NN matching on pscore, $M = 2$	1,054	1,299	797
NN matching on pscore, $M = 4$	1,050	1,273	759
NN matching on pscore, bias-adj., $M = 1$	1,037	1,323	863
NN matching on pscore, bias-adj., $M = 2$	1,026	1,261	773
NN matching on pscore, bias-adj., $M = 4$	1,024	1,242	747
Normalized reweighting	1,059	1,251	715
Normalized reweighting, overlap corr.	1,068	1,262	720
Efficient reweighting	1,054	1,247	715
Efficient reweighting, overlap corr.	1,052	1,248	719
Doubly robust regression, linear	1,048	1,240	711
Doubly robust regression, linear, overlap corr.	1,048	1,242	714

Note: "Overlap corr." denotes the estimates which are obtained after removing all the treated observations from outside the overlap region. Codebook for numbering the simulation studies is provided in Tables 2–3.

Table 269: Results of Simulation #40

	Mean bias	RMSE	SD
LPM	304	751	778
LPM, overlap corr.	303	750	776
OB LPM	337	765	781
OB LPM, overlap corr.	335	763	779
Kernel matching, uniform	–110	775	857
Kernel matching, Gaussian	–277	791	823
Kernel matching, Epanechnikov	–32	774	861
Local linear regression	230	790	838
NN matching on covs, $M = 1$	314	983	1,004
NN matching on covs, $M = 2$	303	863	875
NN matching on covs, $M = 4$	285	814	842
NN matching on covs, bias-adj., $M = 1$	358	1,006	1,009
NN matching on covs, bias-adj., $M = 2$	349	886	879
NN matching on covs, bias-adj., $M = 4$	345	840	844
NN matching on pscore, $M = 1$	481	1,041	991
NN matching on pscore, $M = 2$	470	955	905
NN matching on pscore, $M = 4$	462	906	857
NN matching on pscore, bias-adj., $M = 1$	359	974	983
NN matching on pscore, bias-adj., $M = 2$	355	893	893
NN matching on pscore, bias-adj., $M = 4$	349	838	840
Normalized reweighting	363	803	806
Normalized reweighting, overlap corr.	363	803	807
Efficient reweighting	356	799	805
Efficient reweighting, overlap corr.	352	798	805
Doubly robust regression, linear	343	791	804
Doubly robust regression, linear, overlap corr.	341	789	802

Note: "Overlap corr." denotes the estimates which are obtained after removing all the treated observations from outside the overlap region. Codebook for numbering the simulation studies is provided in Tables 2–3.

Table 270: Results of Simulation #41

	Mean bias	RMSE	SD
LPM	–0.0301	0.0439	0.0350
LPM, overlap corr.	–0.0240	0.0417	0.0376
Logit	–0.0027	0.0344	0.0375
Logit, overlap corr.	–0.0034	0.0355	0.0389
Probit	0.0086	0.0339	0.0360
Probit, overlap corr.	0.0106	0.0355	0.0374
Complementary log-log	–0.0227	0.0375	0.0325
Complementary log-log, overlap corr.	–0.0260	0.0396	0.0328
OB LPM	–0.0326	0.0458	0.0352
OB LPM, overlap corr.	–0.0252	0.0428	0.0380
OB logit	0.0007	0.0353	0.0383
OB logit, overlap corr.	–0.0011	0.0363	0.0398
OB probit	–0.0066	0.0352	0.0376
OB probit, overlap corr.	–0.0064	0.0365	0.0395
Kernel matching, uniform	0.0103	0.0667	0.0685
Kernel matching, Gaussian	0.0109	0.1031	0.1042
Kernel matching, Epanechnikov	0.0106	0.0749	0.0766
Local linear regression	0.0181	0.0907	0.0901
Local logit	0.0092	0.1064	0.1078
NN matching on covs, $M = 1$	–0.0153	0.0982	0.0986
NN matching on covs, $M = 2$	–0.0190	0.0818	0.0818
NN matching on covs, $M = 4$	–0.0193	0.0705	0.0701
NN matching on covs, bias-adj., $M = 1$	–0.0037	0.0941	0.0955
NN matching on covs, bias-adj., $M = 2$	–0.0052	0.0824	0.0839
NN matching on covs, bias-adj., $M = 4$	–0.0057	0.0744	0.0761
NN matching on pscore, $M = 1$	0.0050	0.1057	0.1073
NN matching on pscore, $M = 2$	0.0009	0.0898	0.0916
NN matching on pscore, $M = 4$	0.0045	0.0789	0.0809
NN matching on pscore, bias-adj., $M = 1$	0.0026	0.0869	0.0884
NN matching on pscore, bias-adj., $M = 2$	–0.0021	0.0811	0.0826
NN matching on pscore, bias-adj., $M = 4$	–0.0012	0.0744	0.0759
Normalized reweighting	0.0058	0.0861	0.0876
Normalized reweighting, overlap corr.	–0.0023	0.0867	0.0885
Efficient reweighting	0.0031	0.0859	0.0878
Efficient reweighting, overlap corr.	0.0051	0.0699	0.0721
Doubly robust regression, linear	–0.0009	0.0780	0.0793
Doubly robust regression, linear, overlap corr.	0.0010	0.0667	0.0688
Doubly robust regression, logistic	–0.0027	0.0810	0.0824
Doubly robust regression, logistic, overlap corr.	–0.0029	0.0675	0.0696

Note: "Overlap corr." denotes the estimates which are obtained after removing all the treated observations from outside the overlap region. Codebook for numbering the simulation studies is provided in Tables 2–3.

Table 271: Results of Simulation #42

	Mean bias	RMSE	SD
LPM	–0.0164	0.0346	0.0355
LPM, overlap corr.	–0.0168	0.0352	0.0366
Logit	0.0295	0.0360	0.0240
Logit, overlap corr.	0.0286	0.0349	0.0236
Probit	0.0375	0.0441	0.0274
Probit, overlap corr.	0.0373	0.0438	0.0274
Complementary log-log	0.0398	0.0437	0.0189
Complementary log-log, overlap corr.	0.0391	0.0428	0.0183
OB LPM	–0.0189	0.0361	0.0359
OB LPM, overlap corr.	–0.0192	0.0367	0.0370
OB logit	0.0017	0.0323	0.0375
OB logit, overlap corr.	–0.0023	0.0328	0.0386
OB probit	–0.0028	0.0321	0.0373
OB probit, overlap corr.	–0.0061	0.0329	0.0383
Kernel matching, uniform	0.0176	0.0522	0.0524
Kernel matching, Gaussian	0.0225	0.0689	0.0681
Kernel matching, Epanechnikov	0.0201	0.0537	0.0531
Local linear regression	0.0210	0.0599	0.0586
Local logit	0.0190	0.0705	0.0709
NN matching on covs, $M = 1$	–0.0026	0.0645	0.0676
NN matching on covs, $M = 2$	–0.0045	0.0568	0.0591
NN matching on covs, $M = 4$	–0.0061	0.0498	0.0521
NN matching on covs, bias-adj., $M = 1$	–0.0006	0.0635	0.0667
NN matching on covs, bias-adj., $M = 2$	–0.0015	0.0573	0.0600
NN matching on covs, bias-adj., $M = 4$	–0.0016	0.0509	0.0539
NN matching on pscore, $M = 1$	0.0128	0.0738	0.0760
NN matching on pscore, $M = 2$	0.0115	0.0640	0.0660
NN matching on pscore, $M = 4$	0.0105	0.0573	0.0594
NN matching on pscore, bias-adj., $M = 1$	0.0073	0.0672	0.0698
NN matching on pscore, bias-adj., $M = 2$	0.0058	0.0589	0.0614
NN matching on pscore, bias-adj., $M = 4$	0.0042	0.0541	0.0572
Normalized reweighting	0.0122	0.0557	0.0581
Normalized reweighting, overlap corr.	0.0050	0.0556	0.0594
Efficient reweighting	0.0110	0.0550	0.0575
Efficient reweighting, overlap corr.	0.0074	0.0518	0.0553
Doubly robust regression, linear	0.0045	0.0516	0.0552
Doubly robust regression, linear, overlap corr.	0.0020	0.0492	0.0535
Doubly robust regression, logistic	0.0019	0.0527	0.0566
Doubly robust regression, logistic, overlap corr.	–0.0018	0.0498	0.0542

Note: "Overlap corr." denotes the estimates which are obtained after removing all the treated observations from outside the overlap region. Codebook for numbering the simulation studies is provided in Tables 2–3.

Table 272: Results of Simulation #43

	Mean bias	RMSE	SD
LPM	–0.0278	0.0420	0.0339
LPM, overlap corr.	–0.0268	0.0420	0.0348
Logit	–0.0010	0.0330	0.0353
Logit, overlap corr.	–0.0016	0.0336	0.0359
Probit	0.0091	0.0335	0.0347
Probit, overlap corr.	0.0091	0.0341	0.0353
Complementary log-log	–0.0117	0.0315	0.0310
Complementary log-log, overlap corr.	–0.0127	0.0321	0.0313
OB LPM	–0.0311	0.0445	0.0341
OB LPM, overlap corr.	–0.0300	0.0443	0.0350
OB logit	–0.0003	0.0342	0.0364
OB logit, overlap corr.	–0.0010	0.0348	0.0370
OB probit	–0.0074	0.0345	0.0359
OB probit, overlap corr.	–0.0077	0.0352	0.0366
Kernel matching, uniform	0.0184	0.0528	0.0519
Kernel matching, Gaussian	0.0168	0.0582	0.0576
Kernel matching, Epanechnikov	0.0170	0.0529	0.0524
Local linear regression	0.0178	0.0550	0.0542
Local logit	0.0120	0.0626	0.0633
NN matching on covs, $M = 1$	–0.0065	0.0636	0.0646
NN matching on covs, $M = 2$	–0.0057	0.0575	0.0591
NN matching on covs, $M = 4$	–0.0071	0.0536	0.0550
NN matching on covs, bias-adj., $M = 1$	–0.0034	0.0647	0.0659
NN matching on covs, bias-adj., $M = 2$	–0.0012	0.0586	0.0603
NN matching on covs, bias-adj., $M = 4$	–0.0004	0.0547	0.0565
NN matching on pscore, $M = 1$	0.0087	0.0655	0.0665
NN matching on pscore, $M = 2$	0.0090	0.0557	0.0573
NN matching on pscore, $M = 4$	0.0099	0.0513	0.0526
NN matching on pscore, bias-adj., $M = 1$	0.0007	0.0622	0.0637
NN matching on pscore, bias-adj., $M = 2$	0.0007	0.0534	0.0554
NN matching on pscore, bias-adj., $M = 4$	0.0021	0.0495	0.0515
Normalized reweighting	0.0106	0.0504	0.0517
Normalized reweighting, overlap corr.	0.0103	0.0509	0.0522
Efficient reweighting	0.0106	0.0501	0.0514
Efficient reweighting, overlap corr.	0.0114	0.0500	0.0511
Doubly robust regression, linear	0.0026	0.0478	0.0500
Doubly robust regression, linear, overlap corr.	0.0025	0.0475	0.0497
Doubly robust regression, logistic	–0.0003	0.0489	0.0512
Doubly robust regression, logistic, overlap corr.	–0.0009	0.0485	0.0507

Note: "Overlap corr." denotes the estimates which are obtained after removing all the treated observations from outside the overlap region. Codebook for numbering the simulation studies is provided in Tables 2–3.

Table 273: Results of Simulation #44

	Mean bias	RMSE	SD
LPM	–0.0142	0.0353	0.0372
LPM, overlap corr.	–0.0145	0.0353	0.0372
Logit	0.0174	0.0306	0.0294
Logit, overlap corr.	0.0163	0.0298	0.0293
Probit	0.0303	0.0409	0.0321
Probit, overlap corr.	0.0296	0.0403	0.0321
Complementary log-log	0.0190	0.0280	0.0231
Complementary log-log, overlap corr.	0.0180	0.0272	0.0229
OB LPM	–0.0172	0.0369	0.0375
OB LPM, overlap corr.	–0.0175	0.0369	0.0375
OB logit	0.0027	0.0342	0.0390
OB logit, overlap corr.	0.0011	0.0339	0.0390
OB probit	–0.0018	0.0338	0.0386
OB probit, overlap corr.	–0.0031	0.0338	0.0386
Kernel matching, uniform	0.0182	0.0516	0.0525
Kernel matching, Gaussian	0.0243	0.0558	0.0537
Kernel matching, Epanechnikov	0.0169	0.0518	0.0529
Local linear regression	0.0207	0.0520	0.0507
Local logit	0.0181	0.0578	0.0583
NN matching on covs, $M = 1$	0.0026	0.0576	0.0606
NN matching on covs, $M = 2$	0.0024	0.0520	0.0548
NN matching on covs, $M = 4$	–0.0009	0.0490	0.0517
NN matching on covs, bias-adj., $M = 1$	0.0036	0.0584	0.0613
NN matching on covs, bias-adj., $M = 2$	0.0042	0.0528	0.0555
NN matching on covs, bias-adj., $M = 4$	0.0024	0.0499	0.0526
NN matching on pscore, $M = 1$	0.0136	0.0618	0.0630
NN matching on pscore, $M = 2$	0.0117	0.0556	0.0577
NN matching on pscore, $M = 4$	0.0123	0.0502	0.0523
NN matching on pscore, bias-adj., $M = 1$	0.0061	0.0582	0.0609
NN matching on pscore, bias-adj., $M = 2$	0.0046	0.0523	0.0557
NN matching on pscore, bias-adj., $M = 4$	0.0054	0.0474	0.0510
Normalized reweighting	0.0139	0.0456	0.0474
Normalized reweighting, overlap corr.	0.0124	0.0450	0.0473
Efficient reweighting	0.0138	0.0455	0.0473
Efficient reweighting, overlap corr.	0.0130	0.0449	0.0471
Doubly robust regression, linear	0.0064	0.0437	0.0472
Doubly robust regression, linear, overlap corr.	0.0052	0.0430	0.0469
Doubly robust regression, logistic	0.0029	0.0442	0.0481
Doubly robust regression, logistic, overlap corr.	0.0013	0.0436	0.0477

Note: "Overlap corr." denotes the estimates which are obtained after removing all the treated observations from outside the overlap region. Codebook for numbering the simulation studies is provided in Tables 2–3.

Table 274: Results of Simulation #45

	Mean bias	RMSE	SD
LPM	–0.0196	0.0436	0.0429
LPM, overlap corr.	–0.0257	0.0474	0.0437
Logit	–0.0050	0.0415	0.0462
Logit, overlap corr.	–0.0145	0.0443	0.0467
Probit	0.0019	0.0385	0.0429
Probit, overlap corr.	–0.0054	0.0394	0.0432
Complementary log-log	–0.0460	0.0577	0.0391
Complementary log-log, overlap corr.	–0.0556	0.0654	0.0385
OB LPM	–0.0162	0.0425	0.0434
OB LPM, overlap corr.	–0.0227	0.0462	0.0442
OB logit	–0.0005	0.0406	0.0453
OB logit, overlap corr.	–0.0113	0.0427	0.0458
OB probit	–0.0040	0.0405	0.0449
OB probit, overlap corr.	–0.0138	0.0432	0.0454
Kernel matching, uniform	–0.0274	0.0639	0.0600
Kernel matching, Gaussian	0.0121	0.0805	0.0819
Kernel matching, Epanechnikov	–0.0236	0.0624	0.0604
Local linear regression	0.0204	0.0706	0.0698
Local logit	0.0106	0.0814	0.0832
NN matching on covs, $M = 1$	–0.0037	0.0755	0.0772
NN matching on covs, $M = 2$	–0.0058	0.0645	0.0670
NN matching on covs, $M = 4$	–0.0055	0.0576	0.0603
NN matching on covs, bias-adj., $M = 1$	–0.0028	0.0751	0.0773
NN matching on covs, bias-adj., $M = 2$	–0.0040	0.0657	0.0686
NN matching on covs, bias-adj., $M = 4$	–0.0040	0.0602	0.0635
NN matching on pscore, $M = 1$	0.0027	0.0859	0.0883
NN matching on pscore, $M = 2$	0.0028	0.0755	0.0778
NN matching on pscore, $M = 4$	0.0070	0.0677	0.0701
NN matching on pscore, bias-adj., $M = 1$	0.0016	0.0772	0.0803
NN matching on pscore, bias-adj., $M = 2$	0.0000	0.0701	0.0734
NN matching on pscore, bias-adj., $M = 4$	0.0006	0.0644	0.0679
Normalized reweighting	0.0050	0.0689	0.0716
Normalized reweighting, overlap corr.	–0.0155	0.0710	0.0721
Efficient reweighting	0.0044	0.0664	0.0692
Efficient reweighting, overlap corr.	–0.0103	0.0610	0.0634
Doubly robust regression, linear	0.0008	0.0625	0.0656
Doubly robust regression, linear, overlap corr.	–0.0078	0.0590	0.0618
Doubly robust regression, logistic	–0.0018	0.0632	0.0664
Doubly robust regression, logistic, overlap corr.	–0.0119	0.0591	0.0613

Note: "Overlap corr." denotes the estimates which are obtained after removing all the treated observations from outside the overlap region. Codebook for numbering the simulation studies is provided in Tables 2–3.

Table 275: Results of Simulation #46

	Mean bias	RMSE	SD
LPM	–0.0083	0.0340	0.0441
LPM, overlap corr.	–0.0046	0.0341	0.0448
Logit	0.0168	0.0296	0.0319
Logit, overlap corr.	0.0184	0.0310	0.0328
Probit	0.0257	0.0360	0.0331
Probit, overlap corr.	0.0279	0.0380	0.0339
Complementary log-log	0.0135	0.0255	0.0252
Complementary log-log, overlap corr.	0.0143	0.0261	0.0258
OB LPM	–0.0092	0.0344	0.0444
OB LPM, overlap corr.	–0.0053	0.0344	0.0452
OB logit	0.0008	0.0338	0.0448
OB logit, overlap corr.	0.0030	0.0346	0.0456
OB probit	–0.0012	0.0336	0.0446
OB probit, overlap corr.	0.0013	0.0343	0.0454
Kernel matching, uniform	0.0162	0.0494	0.0529
Kernel matching, Gaussian	0.0129	0.0563	0.0617
Kernel matching, Epanechnikov	0.0166	0.0495	0.0531
Local linear regression	0.0112	0.0504	0.0565
Local logit	0.0133	0.0571	0.0626
NN matching on covs, $M = 1$	0.0010	0.0611	0.0682
NN matching on covs, $M = 2$	–0.0006	0.0514	0.0593
NN matching on covs, $M = 4$	–0.0001	0.0466	0.0555
NN matching on covs, bias-adj., $M = 1$	0.0010	0.0633	0.0705
NN matching on covs, bias-adj., $M = 2$	–0.0004	0.0524	0.0603
NN matching on covs, bias-adj., $M = 4$	–0.0008	0.0472	0.0559
NN matching on pscore, $M = 1$	–0.0010	0.0688	0.0751
NN matching on pscore, $M = 2$	0.0006	0.0583	0.0659
NN matching on pscore, $M = 4$	0.0006	0.0518	0.0594
NN matching on pscore, bias-adj., $M = 1$	0.0022	0.0670	0.0733
NN matching on pscore, bias-adj., $M = 2$	0.0025	0.0551	0.0625
NN matching on pscore, bias-adj., $M = 4$	0.0027	0.0493	0.0571
Normalized reweighting	0.0025	0.0474	0.0558
Normalized reweighting, overlap corr.	0.0038	0.0481	0.0566
Efficient reweighting	0.0027	0.0469	0.0551
Efficient reweighting, overlap corr.	0.0053	0.0459	0.0543
Doubly robust regression, linear	0.0026	0.0451	0.0536
Doubly robust regression, linear, overlap corr.	0.0055	0.0446	0.0533
Doubly robust regression, logistic	0.0007	0.0446	0.0536
Doubly robust regression, logistic, overlap corr.	0.0028	0.0437	0.0531

Note: "Overlap corr." denotes the estimates which are obtained after removing all the treated observations from outside the overlap region. Codebook for numbering the simulation studies is provided in Tables 2–3.

Table 276: Results of Simulation #47

	Mean bias	RMSE	SD
LPM	–0.0205	0.0441	0.0425
LPM, overlap corr.	–0.0206	0.0444	0.0427
Logit	–0.0040	0.0413	0.0453
Logit, overlap corr.	–0.0046	0.0416	0.0455
Probit	0.0021	0.0386	0.0423
Probit, overlap corr.	0.0017	0.0388	0.0424
Complementary log-log	–0.0378	0.0521	0.0394
Complementary log-log, overlap corr.	–0.0385	0.0528	0.0395
OB LPM	–0.0183	0.0436	0.0429
OB LPM, overlap corr.	–0.0184	0.0438	0.0431
OB logit	–0.0022	0.0401	0.0438
OB logit, overlap corr.	–0.0028	0.0404	0.0440
OB probit	–0.0057	0.0403	0.0436
OB probit, overlap corr.	–0.0063	0.0406	0.0438
Kernel matching, uniform	0.0038	0.0493	0.0517
Kernel matching, Gaussian	0.0138	0.0509	0.0516
Kernel matching, Epanechnikov	0.0026	0.0502	0.0526
Local linear regression	0.0070	0.0484	0.0506
Local logit	0.0085	0.0563	0.0583
NN matching on covs, $M = 1$	–0.0023	0.0600	0.0631
NN matching on covs, $M = 2$	–0.0041	0.0520	0.0555
NN matching on covs, $M = 4$	–0.0058	0.0490	0.0522
NN matching on covs, bias-adj., $M = 1$	–0.0006	0.0608	0.0638
NN matching on covs, bias-adj., $M = 2$	–0.0018	0.0522	0.0558
NN matching on covs, bias-adj., $M = 4$	–0.0022	0.0489	0.0525
NN matching on pscore, $M = 1$	0.0041	0.0635	0.0652
NN matching on pscore, $M = 2$	0.0016	0.0554	0.0576
NN matching on pscore, $M = 4$	0.0004	0.0495	0.0523
NN matching on pscore, bias-adj., $M = 1$	0.0023	0.0605	0.0624
NN matching on pscore, bias-adj., $M = 2$	–0.0001	0.0531	0.0553
NN matching on pscore, bias-adj., $M = 4$	–0.0009	0.0487	0.0512
Normalized reweighting	0.0023	0.0457	0.0491
Normalized reweighting, overlap corr.	0.0016	0.0460	0.0494
Efficient reweighting	0.0025	0.0455	0.0489
Efficient reweighting, overlap corr.	0.0022	0.0457	0.0491
Doubly robust regression, linear	–0.0002	0.0450	0.0484
Doubly robust regression, linear, overlap corr.	–0.0007	0.0451	0.0485
Doubly robust regression, logistic	–0.0029	0.0454	0.0489
Doubly robust regression, logistic, overlap corr.	–0.0035	0.0455	0.0490

Note: "Overlap corr." denotes the estimates which are obtained after removing all the treated observations from outside the overlap region. Codebook for numbering the simulation studies is provided in Tables 2–3.

Table 277: Results of Simulation #48

	Mean bias	RMSE	SD
LPM	–0.0132	0.0405	0.0467
LPM, overlap corr.	–0.0130	0.0405	0.0467
Logit	0.0006	0.0348	0.0421
Logit, overlap corr.	0.0007	0.0349	0.0422
Probit	0.0116	0.0366	0.0418
Probit, overlap corr.	0.0117	0.0367	0.0419
Complementary log-log	–0.0102	0.0309	0.0345
Complementary log-log, overlap corr.	–0.0101	0.0309	0.0346
OB LPM	–0.0137	0.0409	0.0471
OB LPM, overlap corr.	–0.0134	0.0409	0.0471
OB logit	–0.0035	0.0391	0.0469
OB logit, overlap corr.	–0.0033	0.0391	0.0470
OB probit	–0.0056	0.0392	0.0469
OB probit, overlap corr.	–0.0054	0.0393	0.0469
Kernel matching, uniform	0.0031	0.0479	0.0544
Kernel matching, Gaussian	0.0035	0.0451	0.0515
Kernel matching, Epanechnikov	0.0019	0.0486	0.0551
Local linear regression	–0.0069	0.0452	0.0516
Local logit	–0.0017	0.0517	0.0583
NN matching on covs, $M = 1$	–0.0037	0.0573	0.0633
NN matching on covs, $M = 2$	–0.0042	0.0499	0.0569
NN matching on covs, $M = 4$	–0.0038	0.0464	0.0542
NN matching on covs, bias-adj., $M = 1$	–0.0034	0.0573	0.0633
NN matching on covs, bias-adj., $M = 2$	–0.0037	0.0502	0.0571
NN matching on covs, bias-adj., $M = 4$	–0.0030	0.0465	0.0541
NN matching on pscore, $M = 1$	–0.0130	0.0618	0.0667
NN matching on pscore, $M = 2$	–0.0122	0.0537	0.0587
NN matching on pscore, $M = 4$	–0.0127	0.0503	0.0553
NN matching on pscore, bias-adj., $M = 1$	–0.0021	0.0580	0.0642
NN matching on pscore, bias-adj., $M = 2$	–0.0016	0.0501	0.0569
NN matching on pscore, bias-adj., $M = 4$	–0.0018	0.0457	0.0529
Normalized reweighting	–0.0002	0.0411	0.0489
Normalized reweighting, overlap corr.	0.0002	0.0412	0.0490
Efficient reweighting	–0.0002	0.0410	0.0488
Efficient reweighting, overlap corr.	0.0003	0.0411	0.0489
Doubly robust regression, linear	–0.0015	0.0410	0.0491
Doubly robust regression, linear, overlap corr.	–0.0014	0.0411	0.0492
Doubly robust regression, logistic	–0.0038	0.0411	0.0490
Doubly robust regression, logistic, overlap corr.	–0.0037	0.0412	0.0491

Note: "Overlap corr." denotes the estimates which are obtained after removing all the treated observations from outside the overlap region. Codebook for numbering the simulation studies is provided in Tables 2–3.

Table 278: Results of Simulation #49

	Mean bias	RMSE	SD
LPM	1,979	2,276	1,166
LPM, overlap corr.	1,894	2,263	1,283
OB LPM	2,716	3,001	1,304
OB LPM, overlap corr.	2,273	2,595	1,293
Kernel matching, uniform	1,515	3,455	3,138
Kernel matching, Gaussian	1,726	4,834	4,534
Kernel matching, Epanechnikov	1,521	3,457	3,138
Local linear regression	997	3,765	3,645
NN matching on covs, $M = 1$	1,987	2,905	2,137
NN matching on covs, $M = 2$	1,945	2,621	1,776
NN matching on covs, $M = 4$	1,858	2,382	1,511
NN matching on covs, bias-adj., $M = 1$	2,399	4,623	3,969
NN matching on covs, bias-adj., $M = 2$	2,404	4,211	3,478
NN matching on covs, bias-adj., $M = 4$	2,457	3,938	3,098
NN matching on pscore, $M = 1$	1,795	4,919	4,599
NN matching on pscore, $M = 2$	1,811	4,009	3,599
NN matching on pscore, $M = 4$	1,784	3,339	2,844
NN matching on pscore, bias-adj., $M = 1$	2,253	5,286	4,799
NN matching on pscore, bias-adj., $M = 2$	2,349	4,603	3,976
NN matching on pscore, bias-adj., $M = 4$	2,366	4,541	3,894
Normalized reweighting	1,808	3,813	3,379
Normalized reweighting, overlap corr.	2,300	4,104	3,421
Efficient reweighting	1,881	4,077	3,640
Efficient reweighting, overlap corr.	1,948	3,144	2,499
Doubly robust regression, linear	2,422	4,196	3,446
Doubly robust regression, linear, overlap corr.	1,998	2,895	2,125

Note: "Overlap corr." denotes the estimates which are obtained after removing all the treated observations from outside the overlap region. Codebook for numbering the simulation studies is provided in Tables 2–3.

Table 279: Results of Simulation #50

	Mean bias	RMSE	SD
LPM	2,463	2,796	1,331
LPM, overlap corr.	2,422	2,824	1,458
OB LPM	3,417	3,661	1,338
OB LPM, overlap corr.	2,901	3,246	1,461
Kernel matching, uniform	2,003	3,231	2,537
Kernel matching, Gaussian	2,774	4,374	3,392
Kernel matching, Epanechnikov	2,025	3,249	2,542
Local linear regression	2,080	3,491	2,816
NN matching on covs, $M = 1$	2,529	3,171	1,929
NN matching on covs, $M = 2$	2,439	2,968	1,711
NN matching on covs, $M = 4$	2,305	2,758	1,540
NN matching on covs, bias-adj., $M = 1$	3,129	4,283	2,923
NN matching on covs, bias-adj., $M = 2$	3,159	4,070	2,563
NN matching on covs, bias-adj., $M = 4$	3,169	3,925	2,318
NN matching on pscore, $M = 1$	2,927	4,499	3,426
NN matching on pscore, $M = 2$	2,880	4,065	2,875
NN matching on pscore, $M = 4$	2,816	3,779	2,535
NN matching on pscore, bias-adj., $M = 1$	3,163	4,844	3,678
NN matching on pscore, bias-adj., $M = 2$	3,153	4,413	3,099
NN matching on pscore, bias-adj., $M = 4$	3,131	4,274	2,922
Normalized reweighting	2,825	3,960	2,784
Normalized reweighting, overlap corr.	2,833	4,037	2,880
Efficient reweighting	2,925	4,032	2,784
Efficient reweighting, overlap corr.	2,594	3,442	2,266
Doubly robust regression, linear	3,211	4,124	2,596
Doubly robust regression, linear, overlap corr.	2,662	3,359	2,047

Note: "Overlap corr." denotes the estimates which are obtained after removing all the treated observations from outside the overlap region. Codebook for numbering the simulation studies is provided in Tables 2–3.

Table 280: Results of Simulation #51

	Mean bias	RMSE	SD
LPM	1,718	1,941	946
LPM, overlap corr.	1,644	1,902	1,003
OB LPM	2,149	2,330	927
OB LPM, overlap corr.	1,993	2,208	990
Kernel matching, uniform	1,095	2,241	1,986
Kernel matching, Gaussian	1,598	3,144	2,723
Kernel matching, Epanechnikov	1,111	2,252	1,988
Local linear regression	1,039	2,608	2,410
NN matching on covs, $M = 1$	1,212	2,378	2,061
NN matching on covs, $M = 2$	1,160	2,105	1,773
NN matching on covs, $M = 4$	1,071	1,806	1,472
NN matching on covs, bias-adj., $M = 1$	1,750	3,072	2,538
NN matching on covs, bias-adj., $M = 2$	1,762	2,917	2,341
NN matching on covs, bias-adj., $M = 4$	1,787	2,779	2,146
NN matching on pscore, $M = 1$	1,728	3,258	2,777
NN matching on pscore, $M = 2$	1,688	2,892	2,363
NN matching on pscore, $M = 4$	1,657	2,594	2,010
NN matching on pscore, bias-adj., $M = 1$	1,781	3,121	2,575
NN matching on pscore, bias-adj., $M = 2$	1,764	2,970	2,402
NN matching on pscore, bias-adj., $M = 4$	1,755	2,845	2,252
Normalized reweighting	1,624	2,870	2,389
Normalized reweighting, overlap corr.	1,852	3,023	2,413
Efficient reweighting	1,733	2,909	2,355
Efficient reweighting, overlap corr.	1,655	2,483	1,881
Doubly robust regression, linear	1,755	2,826	2,230
Doubly robust regression, linear, overlap corr.	1,612	2,313	1,686

Note: "Overlap corr." denotes the estimates which are obtained after removing all the treated observations from outside the overlap region. Codebook for numbering the simulation studies is provided in Tables 2–3.

Table 281: Results of Simulation #52

	Mean bias	RMSE	SD
LPM	368	966	917
LPM, overlap corr.	246	985	977
OB LPM	785	1,198	924
OB LPM, overlap corr.	581	1,126	986
Kernel matching, uniform	–451	1,756	1,715
Kernel matching, Gaussian	278	2,358	2,348
Kernel matching, Epanechnikov	–434	1,758	1,720
Local linear regression	–329	2,059	2,047
NN matching on covs, $M = 1$	–159	1,937	1,936
NN matching on covs, $M = 2$	–256	1,696	1,683
NN matching on covs, $M = 4$	–381	1,471	1,432
NN matching on covs, bias-adj., $M = 1$	494	2,338	2,290
NN matching on covs, bias-adj., $M = 2$	480	2,120	2,071
NN matching on covs, bias-adj., $M = 4$	478	1,933	1,879
NN matching on pscore, $M = 1$	457	2,437	2,398
NN matching on pscore, $M = 2$	398	2,149	2,117
NN matching on pscore, $M = 4$	343	1,923	1,901
NN matching on pscore, bias-adj., $M = 1$	476	2,295	2,244
NN matching on pscore, bias-adj., $M = 2$	450	2,167	2,121
NN matching on pscore, bias-adj., $M = 4$	423	2,020	1,980
Normalized reweighting	292	2,211	2,205
Normalized reweighting, overlap corr.	319	2,254	2,243
Efficient reweighting	376	2,154	2,128
Efficient reweighting, overlap corr.	176	1,813	1,817
Doubly robust regression, linear	438	2,025	1,982
Doubly robust regression, linear, overlap corr.	221	1,649	1,646

Note: "Overlap corr." denotes the estimates which are obtained after removing all the treated observations from outside the overlap region. Codebook for numbering the simulation studies is provided in Tables 2–3.

Table 282: Results of Simulation #53

	Mean bias	RMSE	SD
LPM	2,325	2,624	1,264
LPM, overlap corr.	2,200	2,575	1,399
OB LPM	2,917	3,158	1,245
OB LPM, overlap corr.	2,451	2,785	1,383
Kernel matching, uniform	1,163	2,830	2,615
Kernel matching, Gaussian	1,900	4,446	4,033
Kernel matching, Epanechnikov	1,190	2,837	2,609
Local linear regression	1,099	3,048	2,876
NN matching on covs, $M = 1$	1,642	2,669	2,111
NN matching on covs, $M = 2$	1,545	2,342	1,774
NN matching on covs, $M = 4$	1,399	2,066	1,542
NN matching on covs, bias-adj., $M = 1$	2,522	4,457	3,677
NN matching on covs, bias-adj., $M = 2$	2,584	4,061	3,140
NN matching on covs, bias-adj., $M = 4$	2,636	3,811	2,765
NN matching on pscore, $M = 1$	2,085	4,570	4,080
NN matching on pscore, $M = 2$	2,060	3,867	3,291
NN matching on pscore, $M = 4$	1,976	3,368	2,747
NN matching on pscore, bias-adj., $M = 1$	2,634	5,570	4,919
NN matching on pscore, bias-adj., $M = 2$	2,506	4,444	3,684
NN matching on pscore, bias-adj., $M = 4$	2,567	4,245	3,392
Normalized reweighting	2,056	3,639	3,027
Normalized reweighting, overlap corr.	2,311	3,839	3,094
Efficient reweighting	2,092	3,856	3,258
Efficient reweighting, overlap corr.	1,995	3,097	2,409
Doubly robust regression, linear	2,709	3,946	2,880
Doubly robust regression, linear, overlap corr.	2,206	3,004	2,071

Note: "Overlap corr." denotes the estimates which are obtained after removing all the treated observations from outside the overlap region. Codebook for numbering the simulation studies is provided in Tables 2–3.

Table 283: Results of Simulation #54

	Mean bias	RMSE	SD
LPM	1,988	2,590	1,626
LPM, overlap corr.	1,860	2,619	1,819
OB LPM	2,821	3,250	1,625
OB LPM, overlap corr.	2,190	2,865	1,838
Kernel matching, uniform	645	2,861	2,776
Kernel matching, Gaussian	1,722	3,904	3,487
Kernel matching, Epanechnikov	689	2,880	2,784
Local linear regression	926	2,898	2,734
NN matching on covs, $M = 1$	1,055	2,448	2,214
NN matching on covs, $M = 2$	931	2,158	1,962
NN matching on covs, $M = 4$	796	1,957	1,813
NN matching on covs, bias-adj., $M = 1$	2,359	4,153	3,405
NN matching on covs, bias-adj., $M = 2$	2,354	3,777	2,951
NN matching on covs, bias-adj., $M = 4$	2,355	3,542	2,644
NN matching on pscore, $M = 1$	2,020	4,089	3,539
NN matching on pscore, $M = 2$	2,001	3,634	3,022
NN matching on pscore, $M = 4$	1,985	3,295	2,634
NN matching on pscore, bias-adj., $M = 1$	2,289	6,153	5,725
NN matching on pscore, bias-adj., $M = 2$	2,392	4,314	3,605
NN matching on pscore, bias-adj., $M = 4$	2,420	4,054	3,262
Normalized reweighting	2,025	3,485	2,823
Normalized reweighting, overlap corr.	1,871	3,537	2,983
Efficient reweighting	2,078	3,619	2,944
Efficient reweighting, overlap corr.	1,662	3,014	2,496
Doubly robust regression, linear	2,499	3,634	2,626
Doubly robust regression, linear, overlap corr.	1,871	2,937	2,243

Note: "Overlap corr." denotes the estimates which are obtained after removing all the treated observations from outside the overlap region. Codebook for numbering the simulation studies is provided in Tables 2–3.

Table 284: Results of Simulation #55

	Mean bias	RMSE	SD
LPM	2,190	2,404	1,040
LPM, overlap corr.	2,104	2,350	1,102
OB LPM	2,395	2,592	1,026
OB LPM, overlap corr.	2,277	2,506	1,097
Kernel matching, uniform	874	1,840	1,662
Kernel matching, Gaussian	1,582	2,711	2,223
Kernel matching, Epanechnikov	906	1,864	1,671
Local linear regression	824	1,996	1,854
NN matching on covs, $M = 1$	1,132	2,094	1,772
NN matching on covs, $M = 2$	1,037	1,848	1,543
NN matching on covs, $M = 4$	896	1,616	1,363
NN matching on covs, bias-adj., $M = 1$	1,949	2,804	2,030
NN matching on covs, bias-adj., $M = 2$	1,998	2,688	1,814
NN matching on covs, bias-adj., $M = 4$	2,023	2,585	1,632
NN matching on pscore, $M = 1$	1,844	2,925	2,290
NN matching on pscore, $M = 2$	1,841	2,682	1,972
NN matching on pscore, $M = 4$	1,797	2,520	1,791
NN matching on pscore, bias-adj., $M = 1$	1,943	2,835	2,078
NN matching on pscore, bias-adj., $M = 2$	1,938	2,712	1,913
NN matching on pscore, bias-adj., $M = 4$	1,930	2,641	1,817
Normalized reweighting	1,768	2,497	1,791
Normalized reweighting, overlap corr.	1,970	2,664	1,824
Efficient reweighting	1,879	2,634	1,868
Efficient reweighting, overlap corr.	1,858	2,465	1,652
Doubly robust regression, linear	1,947	2,560	1,677
Doubly robust regression, linear, overlap corr.	1,854	2,364	1,494

Note: "Overlap corr." denotes the estimates which are obtained after removing all the treated observations from outside the overlap region. Codebook for numbering the simulation studies is provided in Tables 2–3.

Table 285: Results of Simulation #56

	Mean bias	RMSE	SD
LPM	714	1,307	1,111
LPM, overlap corr.	429	1,245	1,190
OB LPM	1,002	1,491	1,125
OB LPM, overlap corr.	607	1,325	1,204
Kernel matching, uniform	–947	2,037	1,822
Kernel matching, Gaussian	122	2,331	2,329
Kernel matching, Epanechnikov	–901	2,015	1,822
Local linear regression	–793	2,078	1,941
NN matching on covs, $M = 1$	–498	1,870	1,796
NN matching on covs, $M = 2$	–668	1,708	1,568
NN matching on covs, $M = 4$	–884	1,660	1,408
NN matching on covs, bias-adj., $M = 1$	595	2,178	2,087
NN matching on covs, bias-adj., $M = 2$	561	1,957	1,868
NN matching on covs, bias-adj., $M = 4$	556	1,784	1,691
NN matching on pscore, $M = 1$	495	2,446	2,393
NN matching on pscore, $M = 2$	434	2,173	2,134
NN matching on pscore, $M = 4$	397	1,964	1,932
NN matching on pscore, bias-adj., $M = 1$	554	2,304	2,234
NN matching on pscore, bias-adj., $M = 2$	511	2,122	2,057
NN matching on pscore, bias-adj., $M = 4$	521	2,029	1,962
Normalized reweighting	315	1,971	1,947
Normalized reweighting, overlap corr.	186	2,000	1,990
Efficient reweighting	453	2,002	1,948
Efficient reweighting, overlap corr.	117	1,756	1,752
Doubly robust regression, linear	536	1,861	1,780
Doubly robust regression, linear, overlap corr.	170	1,591	1,588

Note: "Overlap corr." denotes the estimates which are obtained after removing all the treated observations from outside the overlap region. Codebook for numbering the simulation studies is provided in Tables 2–3.

Table 286: Results of Simulation #57

	Mean bias	RMSE	SD
LPM	–0.0075	0.0409	0.0433
LPM, overlap corr.	–0.0078	0.0461	0.0489
Logit	–0.0501	0.0784	0.0635
Logit, overlap corr.	–0.0187	0.0558	0.0560
Probit	–0.0183	0.0587	0.0590
Probit, overlap corr.	0.0077	0.0511	0.0540
Complementary log-log	–0.0531	0.0752	0.0554
Complementary log-log, overlap corr.	–0.0191	0.0468	0.0453
OB LPM	–0.0296	0.0725	0.0675
OB LPM, overlap corr.	–0.0328	0.0616	0.0551
OB logit	0.0009	0.0820	0.0831
OB logit, overlap corr.	–0.0225	0.0618	0.0603
OB probit	–0.0065	0.0784	0.0793
OB probit, overlap corr.	–0.0250	0.0613	0.0589
Kernel matching, uniform	–0.0117	0.2007	0.2010
Kernel matching, Gaussian	0.0031	0.2498	0.2505
Kernel matching, Epanechnikov	–0.0106	0.2041	0.2044
Local linear regression	0.0139	0.2412	0.2415
Local logit	–0.0098	0.2848	0.2852
NN matching on covs, $M = 1$	–0.0303	0.1384	0.1355
NN matching on covs, $M = 2$	–0.0328	0.1119	0.1077
NN matching on covs, $M = 4$	–0.0350	0.0946	0.0888
NN matching on covs, bias-adj., $M = 1$	–0.0084	0.2236	0.2240
NN matching on covs, bias-adj., $M = 2$	–0.0100	0.2022	0.2024
NN matching on covs, bias-adj., $M = 4$	–0.0143	0.1819	0.1817
NN matching on pscore, $M = 1$	–0.0040	0.2855	0.2861
NN matching on pscore, $M = 2$	0.0052	0.2242	0.2248
NN matching on pscore, $M = 4$	0.0127	0.1765	0.1771
NN matching on pscore, bias-adj., $M = 1$	–0.0056	0.2674	0.2676
NN matching on pscore, bias-adj., $M = 2$	–0.0038	0.2418	0.2424
NN matching on pscore, bias-adj., $M = 4$	–0.0050	0.2342	0.2349
Normalized reweighting	0.0122	0.2202	0.2204
Normalized reweighting, overlap corr.	–0.0560	0.2262	0.2197
Efficient reweighting	0.0025	0.2305	0.2312
Efficient reweighting, overlap corr.	–0.0321	0.1548	0.1524
Doubly robust regression, linear	–0.0024	0.2099	0.2104
Doubly robust regression, linear, overlap corr.	–0.0170	0.1145	0.1146
Doubly robust regression, logistic	–0.0109	0.1903	0.1904
Doubly robust regression, logistic, overlap corr.	–0.0335	0.1196	0.1160

Note: "Overlap corr." denotes the estimates which are obtained after removing all the treated observations from outside the overlap region. Codebook for numbering the simulation studies is provided in Tables 2–3.

Table 287: Results of Simulation #58

	Mean bias	RMSE	SD
LPM	0.0427	0.0571	0.0449
LPM, overlap corr.	0.0376	0.0568	0.0489
Logit	0.0497	0.0632	0.0442
Logit, overlap corr.	0.0573	0.0676	0.0398
Probit	0.0803	0.0894	0.0449
Probit, overlap corr.	0.0853	0.0936	0.0436
Complementary log-log	0.0611	0.0699	0.0357
Complementary log-log, overlap corr.	0.0702	0.0765	0.0308
OB LPM	–0.0215	0.0526	0.0538
OB LPM, overlap corr.	–0.0027	0.0458	0.0528
OB logit	–0.0026	0.0599	0.0646
OB logit, overlap corr.	0.0032	0.0508	0.0573
OB probit	–0.0077	0.0574	0.0619
OB probit, overlap corr.	0.0011	0.0493	0.0560
Kernel matching, uniform	0.0035	0.1274	0.1287
Kernel matching, Gaussian	–0.0111	0.1976	0.1988
Kernel matching, Epanechnikov	0.0010	0.1307	0.1323
Local linear regression	–0.0029	0.1831	0.1849
Local logit	–0.0175	0.2101	0.2109
NN matching on covs, $M = 1$	–0.0199	0.0979	0.0988
NN matching on covs, $M = 2$	–0.0233	0.0833	0.0836
NN matching on covs, $M = 4$	–0.0257	0.0712	0.0707
NN matching on covs, bias-adj., $M = 1$	–0.0088	0.1519	0.1535
NN matching on covs, bias-adj., $M = 2$	–0.0117	0.1341	0.1356
NN matching on covs, bias-adj., $M = 4$	–0.0122	0.1190	0.1207
NN matching on pscore, $M = 1$	–0.0136	0.2090	0.2100
NN matching on pscore, $M = 2$	–0.0140	0.1710	0.1721
NN matching on pscore, $M = 4$	–0.0100	0.1392	0.1412
NN matching on pscore, bias-adj., $M = 1$	0.0017	0.3338	0.3352
NN matching on pscore, bias-adj., $M = 2$	0.0046	0.1652	0.1670
NN matching on pscore, bias-adj., $M = 4$	0.0025	0.1571	0.1591
Normalized reweighting	0.0012	0.1675	0.1689
Normalized reweighting, overlap corr.	–0.0176	0.1680	0.1687
Efficient reweighting	–0.0090	0.1694	0.1709
Efficient reweighting, overlap corr.	–0.0058	0.1205	0.1228
Doubly robust regression, linear	0.0022	0.1420	0.1440
Doubly robust regression, linear, overlap corr.	0.0131	0.0952	0.0977
Doubly robust regression, logistic	–0.0073	0.1365	0.1382
Doubly robust regression, logistic, overlap corr.	–0.0019	0.0969	0.0998

Note: "Overlap corr." denotes the estimates which are obtained after removing all the treated observations from outside the overlap region. Codebook for numbering the simulation studies is provided in Tables 2–3.

Table 288: Results of Simulation #59

	Mean bias	RMSE	SD
LPM	0.0564	0.0680	0.0419
LPM, overlap corr.	0.0672	0.0791	0.0453
Logit	0.0385	0.0636	0.0541
Logit, overlap corr.	0.0509	0.0706	0.0524
Probit	0.0767	0.0901	0.0507
Probit, overlap corr.	0.0892	0.1004	0.0495
Complementary log-log	0.0183	0.0484	0.0470
Complementary log-log, overlap corr.	0.0290	0.0506	0.0438
OB LPM	–0.0117	0.0405	0.0430
OB LPM, overlap corr.	0.0172	0.0487	0.0496
OB logit	0.0010	0.0508	0.0540
OB logit, overlap corr.	0.0196	0.0543	0.0542
OB probit	–0.0025	0.0477	0.0510
OB probit, overlap corr.	0.0184	0.0526	0.0530
Kernel matching, uniform	0.0065	0.1303	0.1315
Kernel matching, Gaussian	–0.0098	0.1666	0.1679
Kernel matching, Epanechnikov	0.0025	0.1349	0.1364
Local linear regression	–0.0120	0.1612	0.1620
Local logit	–0.0197	0.1834	0.1839
NN matching on covs, $M = 1$	–0.0141	0.1245	0.1256
NN matching on covs, $M = 2$	–0.0154	0.1049	0.1060
NN matching on covs, $M = 4$	–0.0181	0.0857	0.0866
NN matching on covs, bias-adj., $M = 1$	–0.0087	0.1546	0.1558
NN matching on covs, bias-adj., $M = 2$	–0.0098	0.1398	0.1411
NN matching on covs, bias-adj., $M = 4$	–0.0112	0.1251	0.1264
NN matching on pscore, $M = 1$	–0.0159	0.1829	0.1836
NN matching on pscore, $M = 2$	–0.0119	0.1531	0.1540
NN matching on pscore, $M = 4$	–0.0068	0.1339	0.1354
NN matching on pscore, bias-adj., $M = 1$	–0.0020	0.1577	0.1596
NN matching on pscore, bias-adj., $M = 2$	0.0003	0.1460	0.1477
NN matching on pscore, bias-adj., $M = 4$	0.0014	0.1362	0.1377
Normalized reweighting	–0.0034	0.1569	0.1575
Normalized reweighting, overlap corr.	–0.0220	0.1576	0.1567
Efficient reweighting	–0.0133	0.1532	0.1537
Efficient reweighting, overlap corr.	–0.0028	0.1167	0.1179
Doubly robust regression, linear	–0.0006	0.1362	0.1376
Doubly robust regression, linear, overlap corr.	0.0229	0.1018	0.1013
Doubly robust regression, logistic	–0.0139	0.1422	0.1428
Doubly robust regression, logistic, overlap corr.	0.0036	0.1024	0.1042

Note: "Overlap corr." denotes the estimates which are obtained after removing all the treated observations from outside the overlap region. Codebook for numbering the simulation studies is provided in Tables 2–3.

Table 289: Results of Simulation #60

	Mean bias	RMSE	SD
LPM	0.0501	0.0624	0.0446
LPM, overlap corr.	0.0625	0.0745	0.0482
Logit	0.0497	0.0623	0.0430
Logit, overlap corr.	0.0621	0.0720	0.0425
Probit	0.0871	0.0954	0.0450
Probit, overlap corr.	0.1008	0.1082	0.0456
Complementary log-log	0.0577	0.0658	0.0333
Complementary log-log, overlap corr.	0.0674	0.0737	0.0317
OB LPM	–0.0071	0.0389	0.0454
OB LPM, overlap corr.	0.0179	0.0471	0.0519
OB logit	0.0007	0.0485	0.0542
OB logit, overlap corr.	0.0171	0.0512	0.0557
OB probit	–0.0020	0.0458	0.0518
OB probit, overlap corr.	0.0163	0.0497	0.0546
Kernel matching, uniform	0.0058	0.1044	0.1060
Kernel matching, Gaussian	–0.0148	0.1468	0.1473
Kernel matching, Epanechnikov	0.0024	0.1076	0.1096
Local linear regression	–0.0151	0.1423	0.1428
Local logit	–0.0234	0.1563	0.1558
NN matching on covs, $M = 1$	–0.0070	0.1057	0.1085
NN matching on covs, $M = 2$	–0.0084	0.0898	0.0930
NN matching on covs, $M = 4$	–0.0108	0.0753	0.0785
NN matching on covs, bias-adj., $M = 1$	–0.0029	0.1272	0.1293
NN matching on covs, bias-adj., $M = 2$	–0.0035	0.1140	0.1163
NN matching on covs, bias-adj., $M = 4$	–0.0045	0.1020	0.1046
NN matching on pscore, $M = 1$	–0.0195	0.1560	0.1561
NN matching on pscore, $M = 2$	–0.0208	0.1334	0.1331
NN matching on pscore, $M = 4$	–0.0186	0.1169	0.1175
NN matching on pscore, bias-adj., $M = 1$	0.0063	0.1324	0.1344
NN matching on pscore, bias-adj., $M = 2$	0.0056	0.1235	0.1254
NN matching on pscore, bias-adj., $M = 4$	0.0064	0.1125	0.1148
Normalized reweighting	–0.0061	0.1360	0.1375
Normalized reweighting, overlap corr.	–0.0139	0.1364	0.1376
Efficient reweighting	–0.0165	0.1354	0.1357
Efficient reweighting, overlap corr.	–0.0030	0.1076	0.1097
Doubly robust regression, linear	0.0059	0.1144	0.1168
Doubly robust regression, linear, overlap corr.	0.0257	0.0933	0.0939
Doubly robust regression, logistic	–0.0098	0.1178	0.1197
Doubly robust regression, logistic, overlap corr.	0.0061	0.0903	0.0943

Note: "Overlap corr." denotes the estimates which are obtained after removing all the treated observations from outside the overlap region. Codebook for numbering the simulation studies is provided in Tables 2–3.

Table 290: Results of Simulation #61

	Mean bias	RMSE	SD
LPM	–0.0273	0.0496	0.0458
LPM, overlap corr.	–0.0436	0.0652	0.0532
Logit	–0.0404	0.0669	0.0587
Logit, overlap corr.	–0.0434	0.0668	0.0559
Probit	–0.0214	0.0524	0.0526
Probit, overlap corr.	–0.0237	0.0526	0.0516
Complementary log-log	–0.0618	0.0781	0.0517
Complementary log-log, overlap corr.	–0.0577	0.0709	0.0450
OB LPM	–0.0177	0.0576	0.0586
OB LPM, overlap corr.	–0.0554	0.0761	0.0570
OB logit	–0.0001	0.0642	0.0677
OB logit, overlap corr.	–0.0467	0.0730	0.0610
OB probit	–0.0043	0.0622	0.0656
OB probit, overlap corr.	–0.0488	0.0737	0.0602
Kernel matching, uniform	–0.0416	0.1401	0.1354
Kernel matching, Gaussian	0.0023	0.2104	0.2123
Kernel matching, Epanechnikov	–0.0411	0.1424	0.1380
Local linear regression	0.0116	0.1941	0.1956
Local logit	–0.0037	0.2274	0.2291
NN matching on covs, $M = 1$	–0.0126	0.0941	0.0957
NN matching on covs, $M = 2$	–0.0167	0.0794	0.0804
NN matching on covs, $M = 4$	–0.0206	0.0698	0.0695
NN matching on covs, bias-adj., $M = 1$	0.0004	0.1551	0.1563
NN matching on covs, bias-adj., $M = 2$	–0.0040	0.1340	0.1356
NN matching on covs, bias-adj., $M = 4$	–0.0076	0.1173	0.1189
NN matching on pscore, $M = 1$	–0.0036	0.2277	0.2293
NN matching on pscore, $M = 2$	–0.0008	0.1809	0.1831
NN matching on pscore, $M = 4$	0.0032	0.1483	0.1508
NN matching on pscore, bias-adj., $M = 1$	0.0072	0.2070	0.2084
NN matching on pscore, bias-adj., $M = 2$	0.0064	0.1678	0.1694
NN matching on pscore, bias-adj., $M = 4$	0.0077	0.1594	0.1609
Normalized reweighting	0.0046	0.1738	0.1753
Normalized reweighting, overlap corr.	–0.0641	0.1857	0.1757
Efficient reweighting	–0.0000	0.1803	0.1820
Efficient reweighting, overlap corr.	–0.0523	0.1337	0.1252
Doubly robust regression, linear	0.0040	0.1338	0.1354
Doubly robust regression, linear, overlap corr.	–0.0399	0.0958	0.0898
Doubly robust regression, logistic	–0.0061	0.1269	0.1287
Doubly robust regression, logistic, overlap corr.	–0.0515	0.1045	0.0939

Note: "Overlap corr." denotes the estimates which are obtained after removing all the treated observations from outside the overlap region. Codebook for numbering the simulation studies is provided in Tables 2–3.

Table 291: Results of Simulation #62

	Mean bias	RMSE	SD
LPM	0.0351	0.0553	0.0521
LPM, overlap corr.	0.0317	0.0590	0.0569
Logit	0.0425	0.0587	0.0472
Logit, overlap corr.	0.0374	0.0582	0.0503
Probit	0.0662	0.0774	0.0462
Probit, overlap corr.	0.0634	0.0772	0.0488
Complementary log-log	0.0306	0.0471	0.0373
Complementary log-log, overlap corr.	0.0247	0.0447	0.0379
OB LPM	–0.0085	0.0465	0.0570
OB LPM, overlap corr.	0.0116	0.0526	0.0601
OB logit	–0.0025	0.0538	0.0633
OB logit, overlap corr.	0.0117	0.0553	0.0627
OB probit	–0.0047	0.0522	0.0618
OB probit, overlap corr.	0.0109	0.0543	0.0619
Kernel matching, uniform	0.0147	0.1052	0.1075
Kernel matching, Gaussian	–0.0199	0.1789	0.1807
Kernel matching, Epanechnikov	0.0129	0.1071	0.1098
Local linear regression	–0.0086	0.1566	0.1599
Local logit	–0.0258	0.1902	0.1913
NN matching on covs, $M = 1$	–0.0084	0.0780	0.0844
NN matching on covs, $M = 2$	–0.0139	0.0653	0.0723
NN matching on covs, $M = 4$	–0.0176	0.0574	0.0646
NN matching on covs, bias-adj., $M = 1$	–0.0069	0.1385	0.1422
NN matching on covs, bias-adj., $M = 2$	–0.0105	0.1121	0.1162
NN matching on covs, bias-adj., $M = 4$	–0.0120	0.0961	0.1008
NN matching on pscore, $M = 1$	–0.0274	0.1904	0.1911
NN matching on pscore, $M = 2$	–0.0235	0.1550	0.1571
NN matching on pscore, $M = 4$	–0.0192	0.1265	0.1294
NN matching on pscore, bias-adj., $M = 1$	0.0062	0.2032	0.2052
NN matching on pscore, bias-adj., $M = 2$	0.0030	0.1504	0.1530
NN matching on pscore, bias-adj., $M = 4$	0.0049	0.1352	0.1383
Normalized reweighting	–0.0185	0.1481	0.1514
Normalized reweighting, overlap corr.	–0.0075	0.1491	0.1534
Efficient reweighting	–0.0247	0.1518	0.1537
Efficient reweighting, overlap corr.	0.0002	0.1093	0.1144
Doubly robust regression, linear	0.0033	0.1088	0.1132
Doubly robust regression, linear, overlap corr.	0.0189	0.0827	0.0861
Doubly robust regression, logistic	–0.0096	0.1085	0.1127
Doubly robust regression, logistic, overlap corr.	0.0032	0.0866	0.0920

Note: "Overlap corr." denotes the estimates which are obtained after removing all the treated observations from outside the overlap region. Codebook for numbering the simulation studies is provided in Tables 2–3.

Table 292: Results of Simulation #63

	Mean bias	RMSE	SD
LPM	0.0175	0.0457	0.0484
LPM, overlap corr.	0.0140	0.0469	0.0508
Logit	0.0055	0.0491	0.0553
Logit, overlap corr.	0.0028	0.0485	0.0547
Probit	0.0304	0.0537	0.0496
Probit, overlap corr.	0.0286	0.0524	0.0490
Complementary log-log	–0.0428	0.0603	0.0476
Complementary log-log, overlap corr.	–0.0440	0.0595	0.0449
OB LPM	–0.0018	0.0433	0.0506
OB LPM, overlap corr.	–0.0022	0.0457	0.0529
OB logit	0.0021	0.0493	0.0559
OB logit, overlap corr.	–0.0030	0.0490	0.0559
OB probit	0.0003	0.0476	0.0544
OB probit, overlap corr.	–0.0037	0.0482	0.0551
Kernel matching, uniform	–0.0122	0.0869	0.0891
Kernel matching, Gaussian	–0.0186	0.1330	0.1336
Kernel matching, Epanechnikov	–0.0140	0.0900	0.0921
Local linear regression	–0.0102	0.1259	0.1282
Local logit	–0.0218	0.1391	0.1394
NN matching on covs, $M = 1$	0.0033	0.0877	0.0913
NN matching on covs, $M = 2$	0.0006	0.0738	0.0785
NN matching on covs, $M = 4$	–0.0019	0.0626	0.0682
NN matching on covs, bias-adj., $M = 1$	–0.0004	0.0999	0.1025
NN matching on covs, bias-adj., $M = 2$	–0.0025	0.0884	0.0915
NN matching on covs, bias-adj., $M = 4$	–0.0042	0.0787	0.0823
NN matching on pscore, $M = 1$	–0.0234	0.1396	0.1395
NN matching on pscore, $M = 2$	–0.0203	0.1231	0.1244
NN matching on pscore, $M = 4$	–0.0145	0.1056	0.1083
NN matching on pscore, bias-adj., $M = 1$	0.0079	0.1084	0.1109
NN matching on pscore, bias-adj., $M = 2$	0.0088	0.1003	0.1031
NN matching on pscore, bias-adj., $M = 4$	0.0078	0.0926	0.0958
Normalized reweighting	–0.0117	0.1114	0.1130
Normalized reweighting, overlap corr.	–0.0413	0.1175	0.1122
Efficient reweighting	–0.0212	0.1150	0.1150
Efficient reweighting, overlap corr.	–0.0333	0.1001	0.0970
Doubly robust regression, linear	0.0085	0.0907	0.0934
Doubly robust regression, linear, overlap corr.	0.0054	0.0763	0.0801
Doubly robust regression, logistic	–0.0042	0.0941	0.0971
Doubly robust regression, logistic, overlap corr.	–0.0097	0.0776	0.0811

Note: "Overlap corr." denotes the estimates which are obtained after removing all the treated observations from outside the overlap region. Codebook for numbering the simulation studies is provided in Tables 2–3.

Table 293: Results of Simulation #64

	Mean bias	RMSE	SD
LPM	0.0277	0.0497	0.0504
LPM, overlap corr.	0.0474	0.0665	0.0539
Logit	0.0276	0.0480	0.0464
Logit, overlap corr.	0.0411	0.0603	0.0504
Probit	0.0562	0.0688	0.0456
Probit, overlap corr.	0.0701	0.0823	0.0476
Complementary log-log	0.0159	0.0367	0.0355
Complementary log-log, overlap corr.	0.0217	0.0414	0.0376
OB LPM	0.0015	0.0412	0.0521
OB LPM, overlap corr.	0.0314	0.0575	0.0569
OB logit	–0.0012	0.0471	0.0567
OB logit, overlap corr.	0.0247	0.0567	0.0593
OB probit	–0.0019	0.0458	0.0557
OB probit, overlap corr.	0.0249	0.0563	0.0589
Kernel matching, uniform	0.0238	0.0854	0.0861
Kernel matching, Gaussian	–0.0340	0.1383	0.1376
Kernel matching, Epanechnikov	0.0209	0.0866	0.0881
Local linear regression	–0.0209	0.1226	0.1256
Local logit	–0.0349	0.1428	0.1420
NN matching on covs, $M = 1$	0.0036	0.0842	0.0903
NN matching on covs, $M = 2$	0.0016	0.0706	0.0775
NN matching on covs, $M = 4$	0.0003	0.0595	0.0677
NN matching on covs, bias-adj., $M = 1$	–0.0028	0.0979	0.1032
NN matching on covs, bias-adj., $M = 2$	–0.0059	0.0875	0.0925
NN matching on covs, bias-adj., $M = 4$	–0.0076	0.0774	0.0829
NN matching on pscore, $M = 1$	–0.0388	0.1445	0.1426
NN matching on pscore, $M = 2$	–0.0383	0.1260	0.1244
NN matching on pscore, $M = 4$	–0.0318	0.1072	0.1078
NN matching on pscore, bias-adj., $M = 1$	0.0034	0.1040	0.1090
NN matching on pscore, bias-adj., $M = 2$	0.0020	0.0962	0.1017
NN matching on pscore, bias-adj., $M = 4$	0.0014	0.0898	0.0952
Normalized reweighting	–0.0223	0.1105	0.1131
Normalized reweighting, overlap corr.	–0.0048	0.1102	0.1150
Efficient reweighting	–0.0330	0.1160	0.1154
Efficient reweighting, overlap corr.	–0.0030	0.0948	0.0994
Doubly robust regression, linear	0.0031	0.0877	0.0933
Doubly robust regression, linear, overlap corr.	0.0314	0.0810	0.0808
Doubly robust regression, logistic	–0.0139	0.0936	0.0981
Doubly robust regression, logistic, overlap corr.	0.0136	0.0786	0.0836

Note: "Overlap corr." denotes the estimates which are obtained after removing all the treated observations from outside the overlap region. Codebook for numbering the simulation studies is provided in Tables 2–3.

8 Study-Specific Correlations in Estimates and Biases

Table 294: Study-Specific Correlations (Placebo Design)

	Estimates—Mean estimates	Biases—Mean biases	Absolute biases—Absolute mean biases
Simulation #1	–0.051	–0.051	0.206
Simulation #2	0.116	0.116	–0.121
Simulation #3	–0.085	–0.085	–0.140
Simulation #4	–0.088	–0.088	–0.170
Simulation #5	–0.110	–0.110	–0.120
Simulation #6	–0.159	–0.159	–0.222
Simulation #7	0.031	0.031	0.037
Simulation #8	0.112	0.112	0.104
Simulation #9	0.344	0.344	0.109
Simulation #10	0.201	0.201	–0.048
Simulation #11	–0.125	–0.125	–0.272
Simulation #12	0.231	0.231	–0.169
Simulation #13	0.235	0.235	–0.177
Simulation #14	0.255	0.255	–0.162
Simulation #15	–0.442	–0.442	–0.403
Simulation #16	–0.396	–0.396	–0.193
Simulation #17	0.389	0.389	–0.158
Simulation #18	0.116	0.116	–0.332
Simulation #19	0.566	0.566	0.457
Simulation #20	0.378	0.378	–0.166
Simulation #21	0.226	0.226	–0.068
Simulation #22	–0.009	–0.009	–0.100
Simulation #23	0.355	0.355	–0.363
Simulation #24	0.181	0.181	–0.031
Simulation #25	–0.459	–0.459	0.213
Simulation #26	–0.443	–0.443	–0.011
Simulation #27	–0.401	–0.401	–0.065
Simulation #28	–0.271	–0.271	–0.193
Simulation #29	–0.375	–0.375	–0.461
Simulation #30	–0.211	–0.211	–0.000
Simulation #31	–0.316	–0.316	–0.478
Simulation #32	–0.280	–0.280	–0.053

Note: The values in each cell represent the pairwise correlation coefficients between the corresponding variables (listed in the column headings), for each combination of a simulation study and a set of nonexperimental estimates. Codebook for numbering the simulation studies is provided in Tables 2–3.

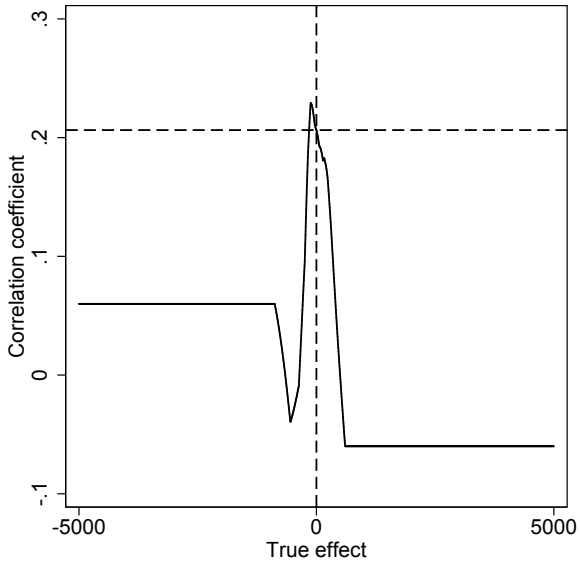
Table 295: Study-Specific Correlations (Structured Design)

	Estimates—Mean estimates	Biases—Mean biases	Absolute biases—Absolute mean biases
Simulation #33	–0.450	–0.450	–0.198
Simulation #34	0.311	0.311	–0.237
Simulation #35	0.078	0.078	–0.078
Simulation #36	0.063	0.063	–0.087
Simulation #37	0.031	0.031	–0.031
Simulation #38	0.197	0.197	–0.197
Simulation #39	0.343	0.343	–0.343
Simulation #40	0.046	0.046	–0.006
Simulation #41	0.549	0.549	0.428
Simulation #42	0.225	0.225	–0.022
Simulation #43	0.782	0.782	0.542
Simulation #44	0.674	0.674	0.305
Simulation #45	0.353	0.353	–0.225
Simulation #46	0.091	0.091	–0.009
Simulation #47	0.291	0.291	–0.220
Simulation #48	0.237	0.237	–0.113
Simulation #49	0.183	0.183	0.519
Simulation #50	0.050	0.050	0.002
Simulation #51	–0.051	–0.051	0.350
Simulation #52	0.156	0.156	–0.082
Simulation #53	0.366	0.366	–0.347
Simulation #54	0.011	0.011	–0.011
Simulation #55	0.196	0.196	–0.181
Simulation #56	0.047	0.047	–0.016
Simulation #57	0.237	0.237	0.198
Simulation #58	–0.134	–0.134	–0.000
Simulation #59	–0.320	–0.320	0.056
Simulation #60	–0.177	–0.177	–0.066
Simulation #61	0.283	0.283	–0.173
Simulation #62	0.076	0.076	0.116
Simulation #63	–0.234	–0.234	0.230
Simulation #64	0.012	0.012	–0.016

Note: The values in each cell represent the pairwise correlation coefficients between the corresponding variables (listed in the column headings), for each combination of a simulation study and a set of nonexperimental estimates. Codebook for numbering the simulation studies is provided in Tables 2–3.

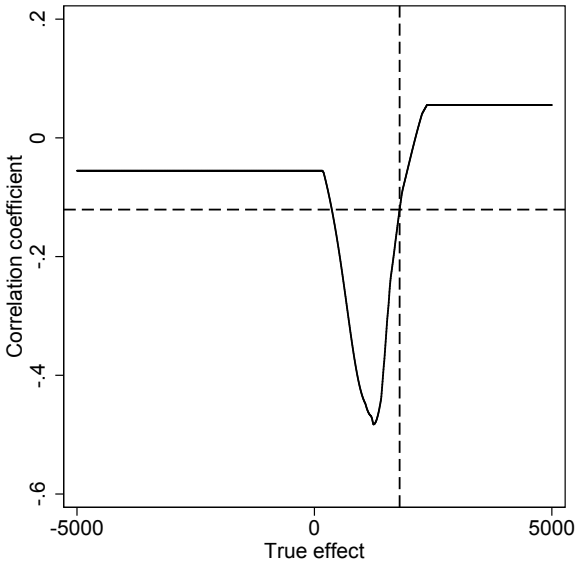
9 Effects of θ in the Simulation Studies

Figure 1: Effects of θ in Simulation #1



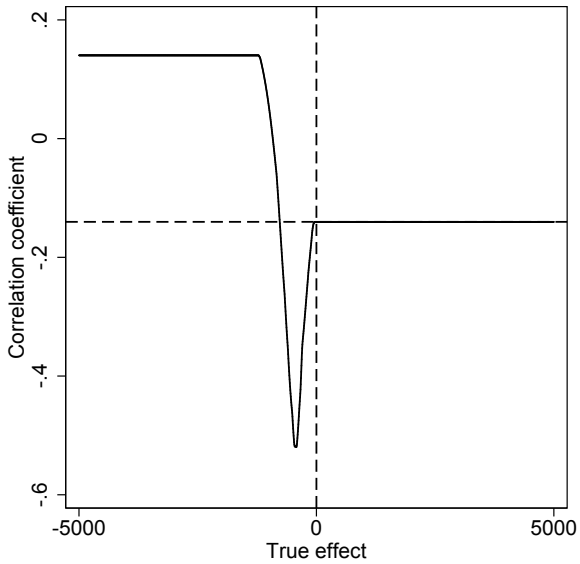
Note: This figure presents the dependence of $\text{Cor}(|\bar{b}_j|, |b_j^*|)$ on θ, holding $\bar{\tilde{\theta}}$ fixed at its actual value. Dashed lines represent the actual values of θ and $\text{Cor}(|\bar{b}_j|, |b_j^*|)$ in the simulation. Codebook for numbering the simulation studies is provided in Tables 2–3.

Figure 2: Effects of θ in Simulation #2



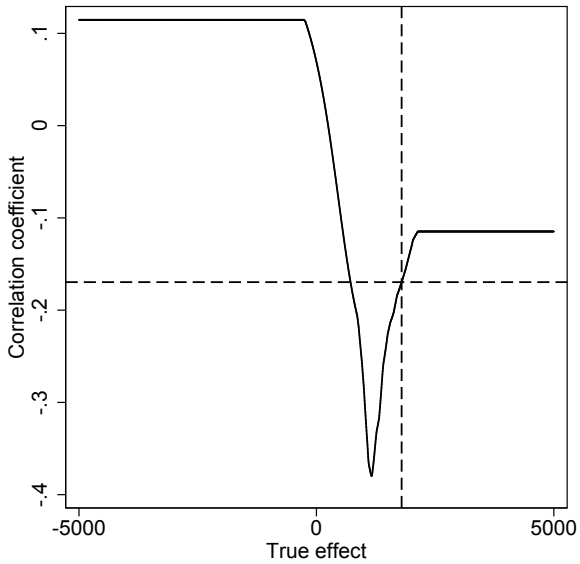
Note: This figure presents the dependence of $\text{Cor}(|\bar{b}_j|, |b_j^*|)$ on θ, holding $\bar{\bar{\theta}}$ fixed at its actual value. Dashed lines represent the actual values of θ and $\text{Cor}(|\bar{b}_j|, |b_j^*|)$ in the simulation. Codebook for numbering the simulation studies is provided in Tables 2–3.

Figure 3: Effects of θ in Simulation #3



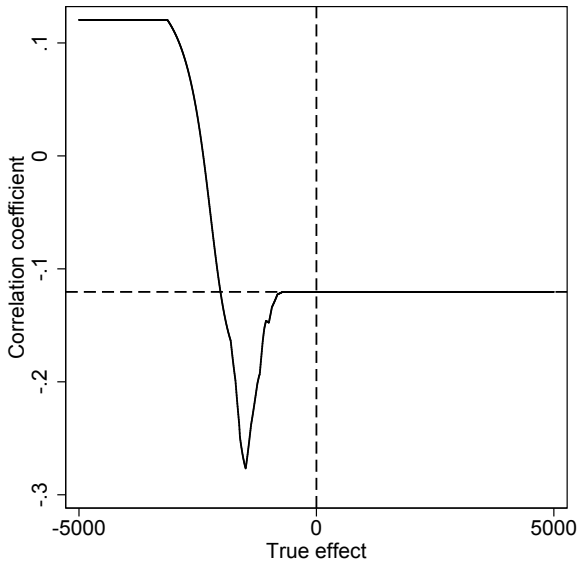
Note: This figure presents the dependence of $\text{Cor}(|\bar{b}_j|, |b_j^*|)$ on θ, holding $\bar{\bar{\theta}}$ fixed at its actual value. Dashed lines represent the actual values of θ and $\text{Cor}(|\bar{b}_j|, |b_j^*|)$ in the simulation. Codebook for numbering the simulation studies is provided in Tables 2–3.

Figure 4: Effects of θ in Simulation #4



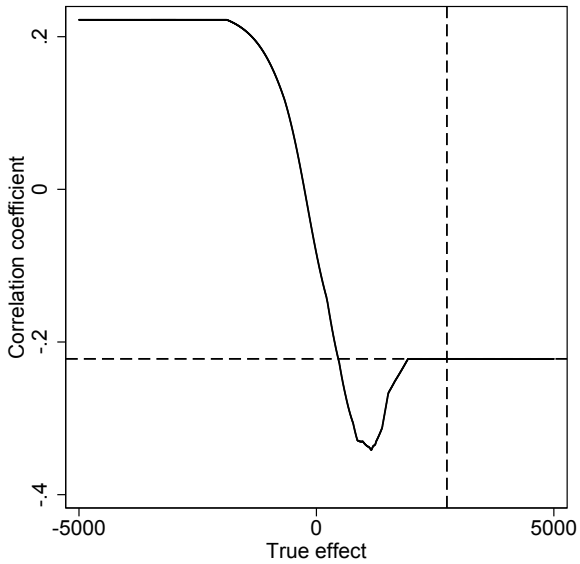
Note: This figure presents the dependence of $\text{Cor}(|\bar{b}_j|, |b_j^*|)$ on θ, holding $\bar{\bar{\theta}}$ fixed at its actual value. Dashed lines represent the actual values of θ and $\text{Cor}(|\bar{b}_j|, |b_j^*|)$ in the simulation. Codebook for numbering the simulation studies is provided in Tables 2–3.

Figure 5: Effects of θ in Simulation #5



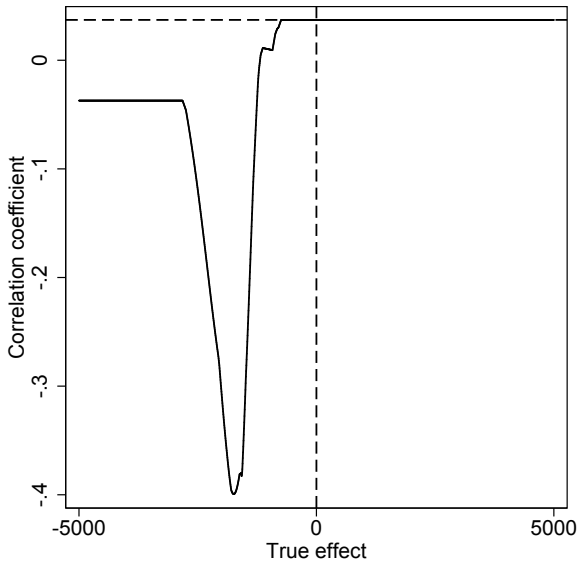
Note: This figure presents the dependence of $\text{Cor}(|\bar{b}_j|, |b_j^*|)$ on θ, holding $\bar{\bar{\theta}}$ fixed at its actual value. Dashed lines represent the actual values of θ and $\text{Cor}(|\bar{b}_j|, |b_j^*|)$ in the simulation. Codebook for numbering the simulation studies is provided in Tables 2–3.

Figure 6: Effects of θ in Simulation #6



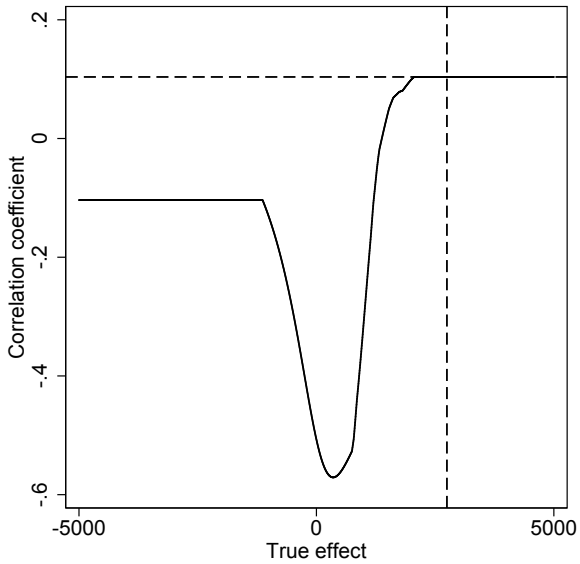
Note: This figure presents the dependence of $\text{Cor}(|\bar{b}_j|, |b_j^*|)$ on θ, holding $\bar{\bar{\theta}}$ fixed at its actual value. Dashed lines represent the actual values of θ and $\text{Cor}(|\bar{b}_j|, |b_j^*|)$ in the simulation. Codebook for numbering the simulation studies is provided in Tables 2–3.

Figure 7: Effects of θ in Simulation #7



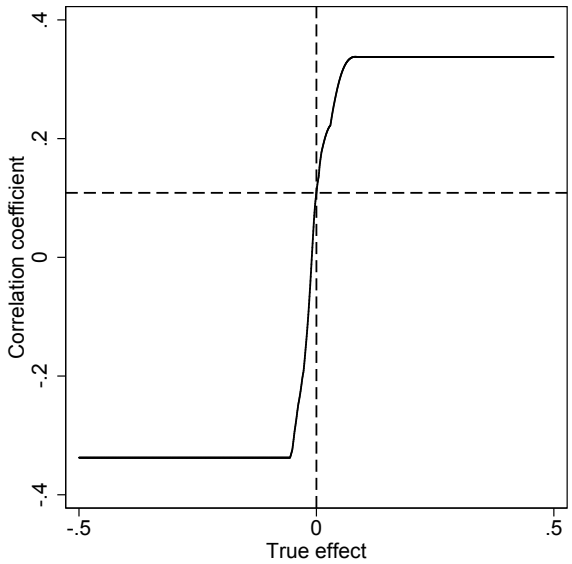
Note: This figure presents the dependence of $\text{Cor}(|\bar{b}_j|, |b_j^*|)$ on θ, holding $\bar{\bar{\theta}}$ fixed at its actual value. Dashed lines represent the actual values of θ and $\text{Cor}(|\bar{b}_j|, |b_j^*|)$ in the simulation. Codebook for numbering the simulation studies is provided in Tables 2–3.

Figure 8: Effects of θ in Simulation #8



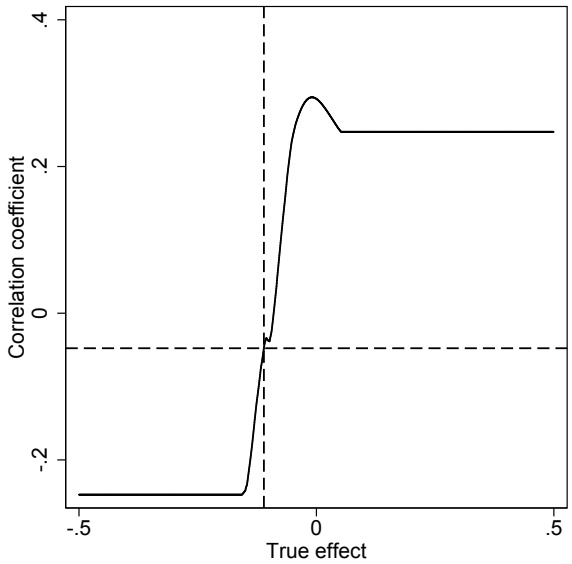
Note: This figure presents the dependence of $\text{Cor}(|\bar{b}_j|, |b_j^*|)$ on θ, holding $\bar{\bar{\theta}}$ fixed at its actual value. Dashed lines represent the actual values of θ and $\text{Cor}(|\bar{b}_j|, |b_j^*|)$ in the simulation. Codebook for numbering the simulation studies is provided in Tables 2–3.

Figure 9: Effects of θ in Simulation #9



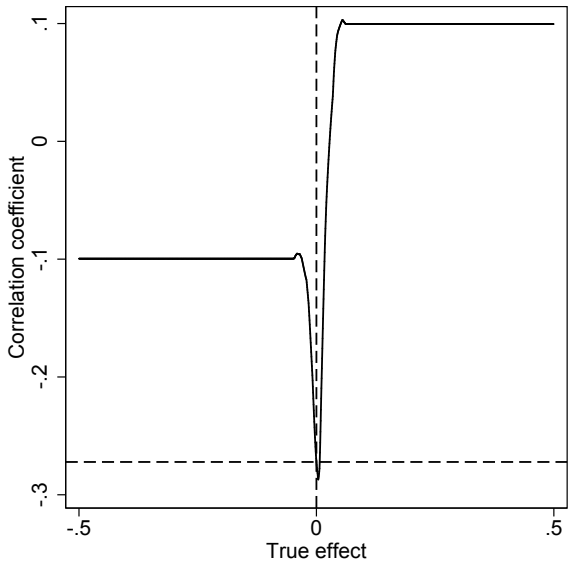
Note: This figure presents the dependence of $\text{Cor}(|\bar{b}_j|, |b_j^*|)$ on θ, holding $\bar{\bar{\theta}}$ fixed at its actual value. Dashed lines represent the actual values of θ and $\text{Cor}(|\bar{b}_j|, |b_j^*|)$ in the simulation. Codebook for numbering the simulation studies is provided in Tables 2–3.

Figure 10: Effects of θ in Simulation #10



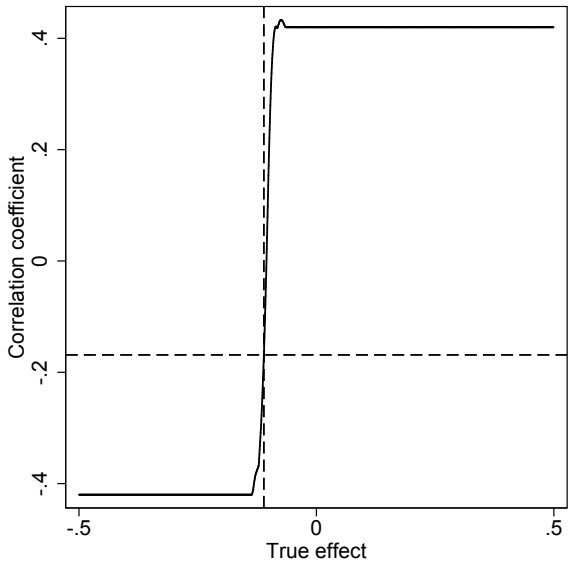
Note: This figure presents the dependence of $\text{Cor}(|\bar{b}_j|, |b_j^*|)$ on θ, holding $\bar{\bar{\theta}}$ fixed at its actual value. Dashed lines represent the actual values of θ and $\text{Cor}(|\bar{b}_j|, |b_j^*|)$ in the simulation. Codebook for numbering the simulation studies is provided in Tables 2–3.

Figure 11: Effects of θ in Simulation #11



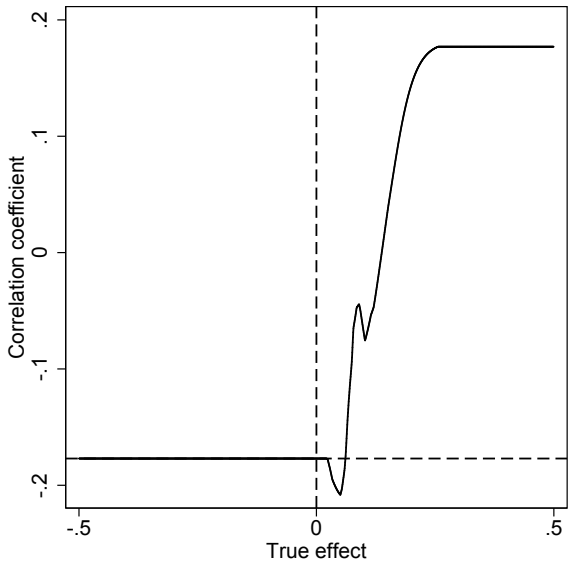
Note: This figure presents the dependence of $\text{Cor}(|\bar{b}_j|, |b_j^*|)$ on θ, holding $\bar{\tilde{\theta}}$ fixed at its actual value. Dashed lines represent the actual values of θ and $\text{Cor}(|\bar{b}_j|, |b_j^*|)$ in the simulation. Codebook for numbering the simulation studies is provided in Tables 2–3.

Figure 12: Effects of θ in Simulation #12



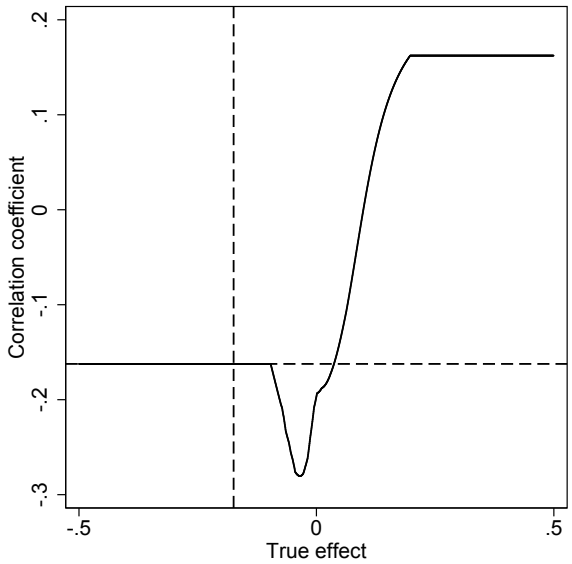
Note: This figure presents the dependence of $\text{Cor}(|\bar{b}_j|, |b_j^*|)$ on θ, holding $\bar{\tilde{\theta}}$ fixed at its actual value. Dashed lines represent the actual values of θ and $\text{Cor}(|\bar{b}_j|, |b_j^*|)$ in the simulation. Codebook for numbering the simulation studies is provided in Tables 2–3.

Figure 13: Effects of θ in Simulation #13



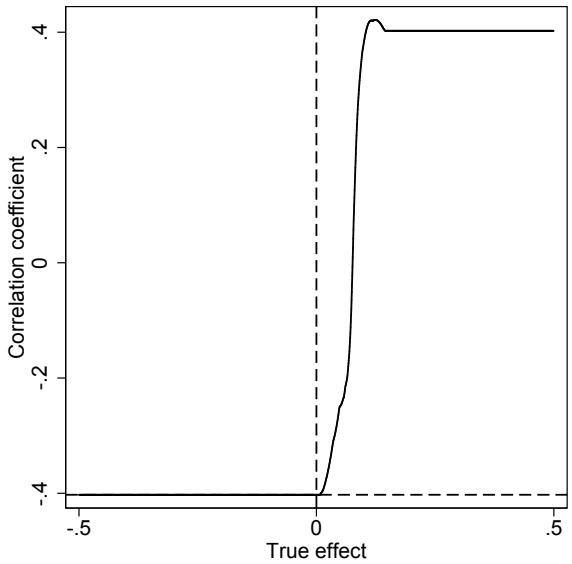
Note: This figure presents the dependence of $\text{Cor}(|\bar{b}_j|, |b_j^*|)$ on θ, holding $\bar{\bar{\theta}}$ fixed at its actual value. Dashed lines represent the actual values of θ and $\text{Cor}(|\bar{b}_j|, |b_j^*|)$ in the simulation. Codebook for numbering the simulation studies is provided in Tables 2–3.

Figure 14: Effects of θ in Simulation #14



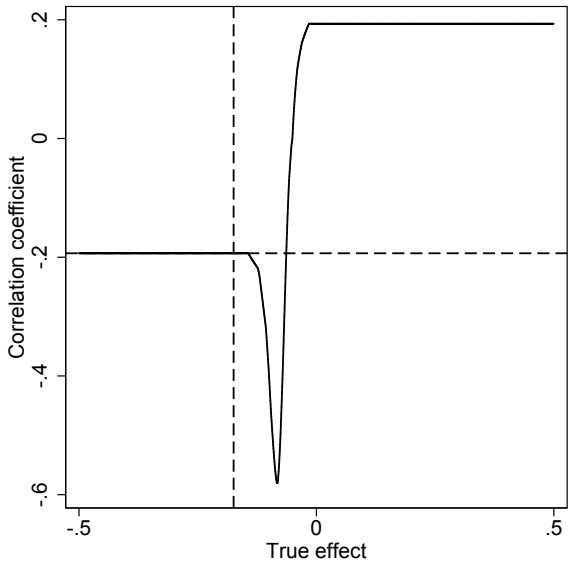
Note: This figure presents the dependence of $\text{Cor}(|\bar{b}_j|, |b_j^*|)$ on θ, holding $\bar{\bar{\theta}}$ fixed at its actual value. Dashed lines represent the actual values of θ and $\text{Cor}(|\bar{b}_j|, |b_j^*|)$ in the simulation. Codebook for numbering the simulation studies is provided in Tables 2–3.

Figure 15: Effects of θ in Simulation #15



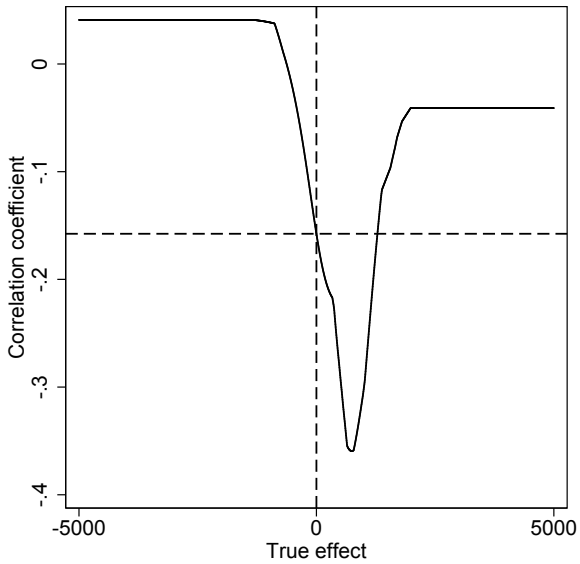
Note: This figure presents the dependence of $\text{Cor}(|\bar{b}_j|, |b_j^*|)$ on θ, holding $\bar{\bar{\theta}}$ fixed at its actual value. Dashed lines represent the actual values of θ and $\text{Cor}(|\bar{b}_j|, |b_j^*|)$ in the simulation. Codebook for numbering the simulation studies is provided in Tables 2–3.

Figure 16: Effects of θ in Simulation #16



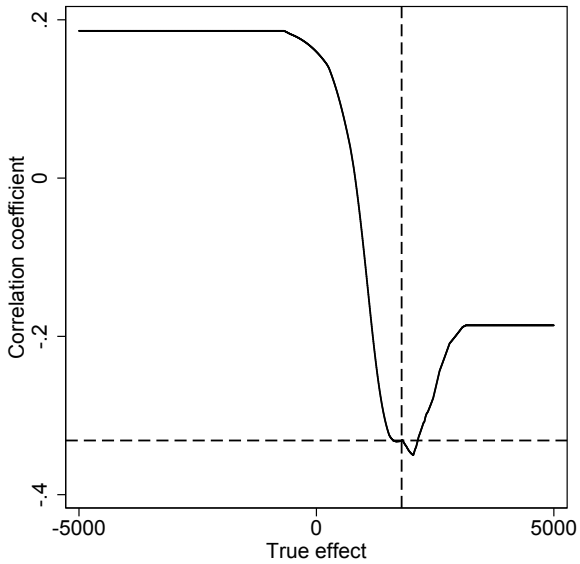
Note: This figure presents the dependence of $\text{Cor}(|\bar{b}_j|, |b_j^*|)$ on θ, holding $\bar{\bar{\theta}}$ fixed at its actual value. Dashed lines represent the actual values of θ and $\text{Cor}(|\bar{b}_j|, |b_j^*|)$ in the simulation. Codebook for numbering the simulation studies is provided in Tables 2–3.

Figure 17: Effects of θ in Simulation #17



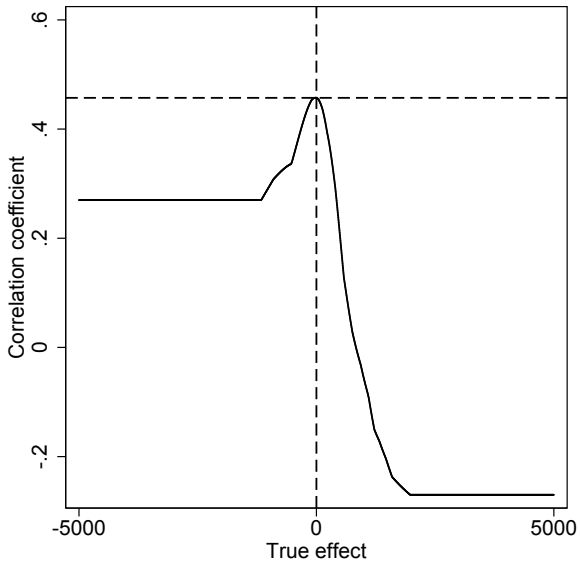
Note: This figure presents the dependence of $\text{Cor}(|\bar{b}_j|, |b_j^*|)$ on θ, holding $\bar{\bar{\theta}}$ fixed at its actual value. Dashed lines represent the actual values of θ and $\text{Cor}(|\bar{b}_j|, |b_j^*|)$ in the simulation. Codebook for numbering the simulation studies is provided in Tables 2–3.

Figure 18: Effects of θ in Simulation #18



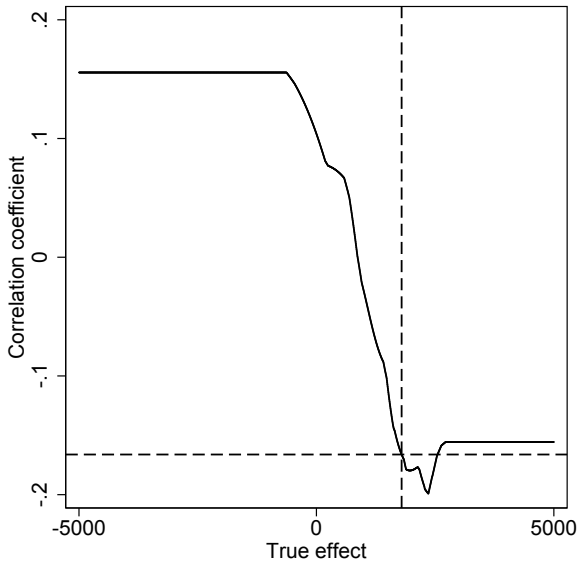
Note: This figure presents the dependence of $\text{Cor}(|\bar{b}_j|, |b_j^*|)$ on θ, holding $\bar{\bar{\theta}}$ fixed at its actual value. Dashed lines represent the actual values of θ and $\text{Cor}(|\bar{b}_j|, |b_j^*|)$ in the simulation. Codebook for numbering the simulation studies is provided in Tables 2–3.

Figure 19: Effects of θ in Simulation #19



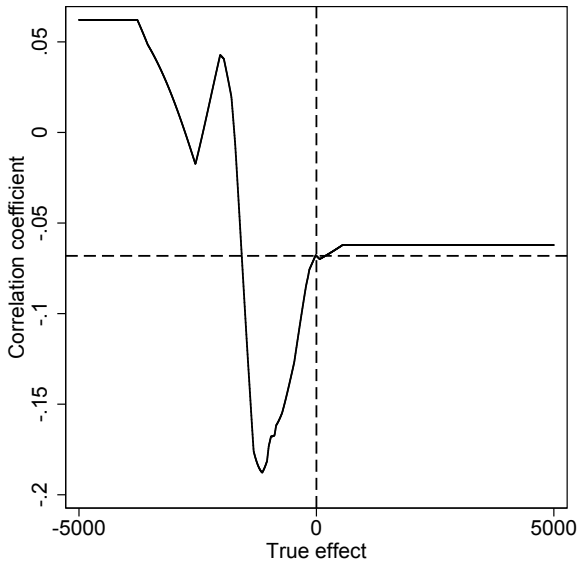
Note: This figure presents the dependence of $\text{Cor}(|\bar{b}_j|, |b_j^*|)$ on θ, holding $\bar{\bar{\theta}}$ fixed at its actual value. Dashed lines represent the actual values of θ and $\text{Cor}(|\bar{b}_j|, |b_j^*|)$ in the simulation. Codebook for numbering the simulation studies is provided in Tables 2–3.

Figure 20: Effects of θ in Simulation #20



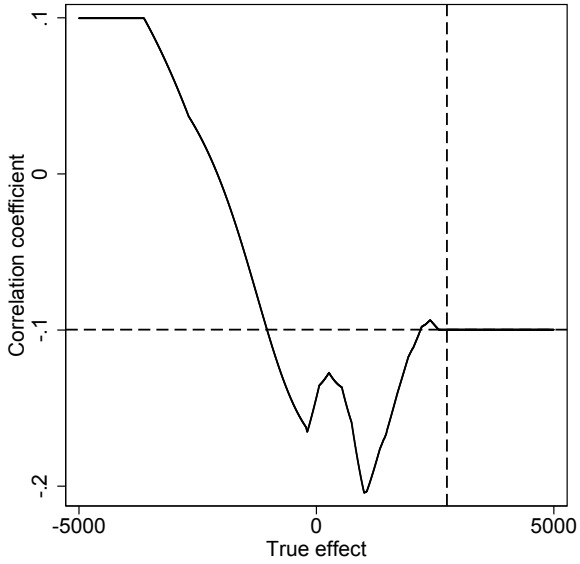
Note: This figure presents the dependence of $\text{Cor}(|\bar{b}_j|, |b_j^*|)$ on θ, holding $\bar{\bar{\theta}}$ fixed at its actual value. Dashed lines represent the actual values of θ and $\text{Cor}(|\bar{b}_j|, |b_j^*|)$ in the simulation. Codebook for numbering the simulation studies is provided in Tables 2–3.

Figure 21: Effects of θ in Simulation #21



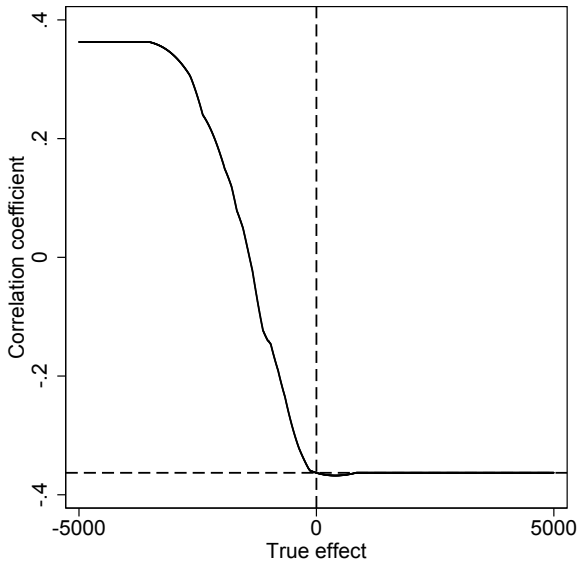
Note: This figure presents the dependence of $\text{Cor}(|\bar{b}_j|, |b_j^*|)$ on θ, holding $\bar{\bar{\theta}}$ fixed at its actual value. Dashed lines represent the actual values of θ and $\text{Cor}(|\bar{b}_j|, |b_j^*|)$ in the simulation. Codebook for numbering the simulation studies is provided in Tables 2–3.

Figure 22: Effects of θ in Simulation #22



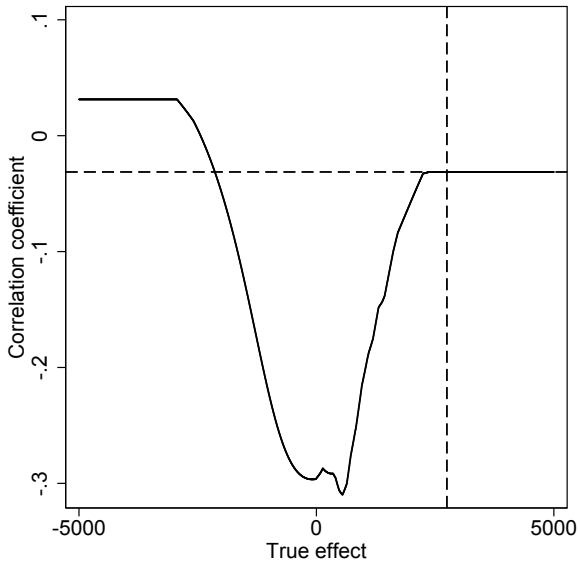
Note: This figure presents the dependence of $\text{Cor}(|\bar{b}_j|, |b_j^*|)$ on θ, holding $\bar{\bar{\theta}}$ fixed at its actual value. Dashed lines represent the actual values of θ and $\text{Cor}(|\bar{b}_j|, |b_j^*|)$ in the simulation. Codebook for numbering the simulation studies is provided in Tables 2–3.

Figure 23: Effects of θ in Simulation #23



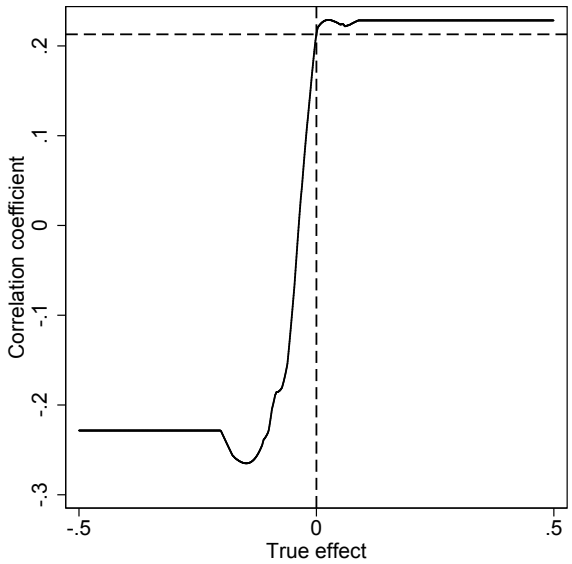
Note: This figure presents the dependence of $\text{Cor}(|\bar{b}_j|, |b_j^*|)$ on θ, holding $\bar{\bar{\theta}}$ fixed at its actual value. Dashed lines represent the actual values of θ and $\text{Cor}(|\bar{b}_j|, |b_j^*|)$ in the simulation. Codebook for numbering the simulation studies is provided in Tables 2–3.

Figure 24: Effects of θ in Simulation #24



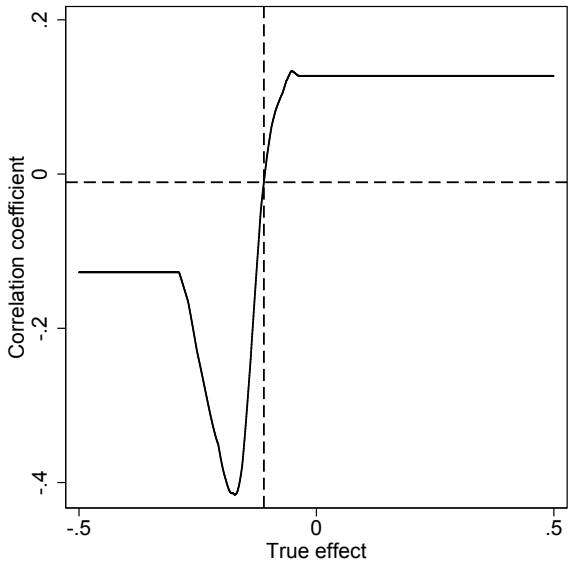
Note: This figure presents the dependence of $\text{Cor}(|\bar{b}_j|, |b_j^*|)$ on θ, holding $\bar{\bar{\theta}}$ fixed at its actual value. Dashed lines represent the actual values of θ and $\text{Cor}(|\bar{b}_j|, |b_j^*|)$ in the simulation. Codebook for numbering the simulation studies is provided in Tables 2–3.

Figure 25: Effects of θ in Simulation #25



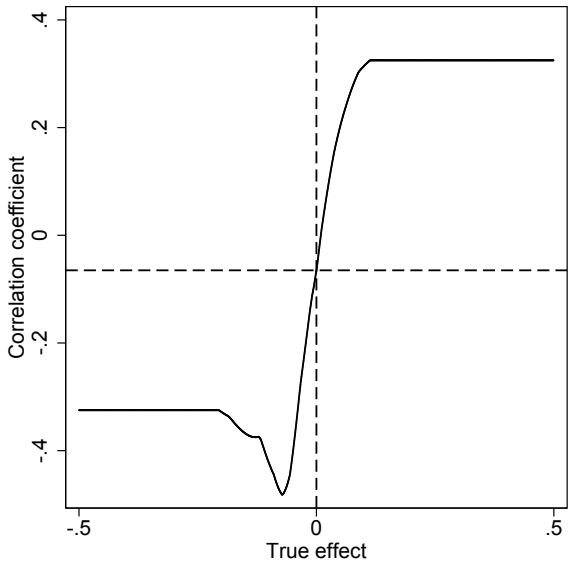
Note: This figure presents the dependence of $\text{Cor}(|\bar{b}_j|, |b_j^*|)$ on θ, holding $\bar{\bar{\theta}}$ fixed at its actual value. Dashed lines represent the actual values of θ and $\text{Cor}(|\bar{b}_j|, |b_j^*|)$ in the simulation. Codebook for numbering the simulation studies is provided in Tables 2–3.

Figure 26: Effects of θ in Simulation #26



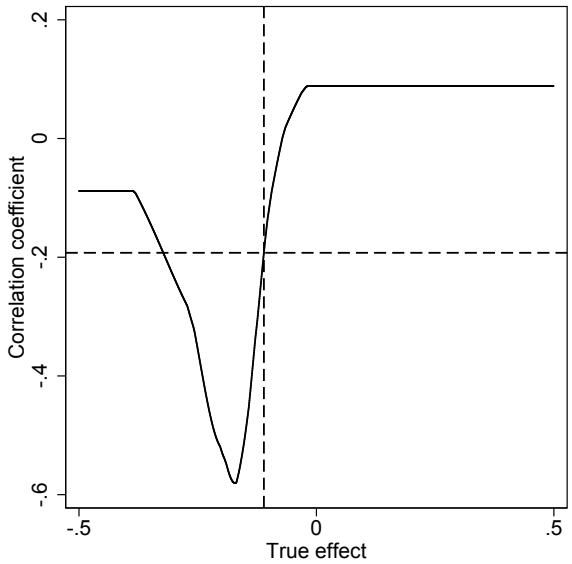
Note: This figure presents the dependence of $\text{Cor}(|\bar{b}_j|, |b_j^*|)$ on θ, holding $\bar{\bar{\theta}}$ fixed at its actual value. Dashed lines represent the actual values of θ and $\text{Cor}(|\bar{b}_j|, |b_j^*|)$ in the simulation. Codebook for numbering the simulation studies is provided in Tables 2–3.

Figure 27: Effects of θ in Simulation #27



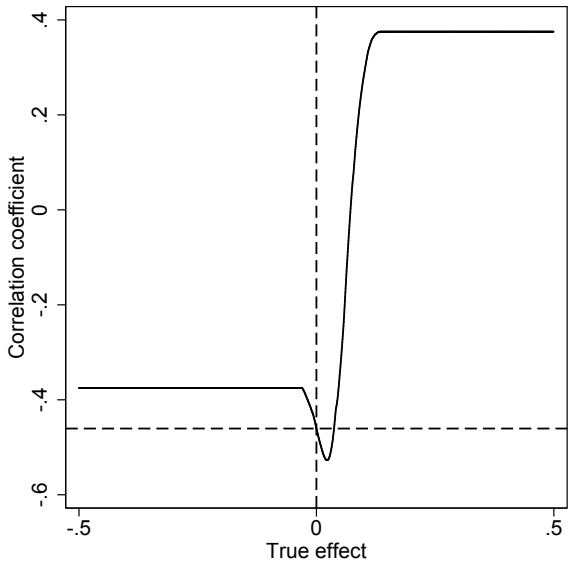
Note: This figure presents the dependence of $\text{Cor}(|\bar{b}_j|, |b_j^*|)$ on θ, holding $\bar{\bar{\theta}}$ fixed at its actual value. Dashed lines represent the actual values of θ and $\text{Cor}(|\bar{b}_j|, |b_j^*|)$ in the simulation. Codebook for numbering the simulation studies is provided in Tables 2–3.

Figure 28: Effects of θ in Simulation #28



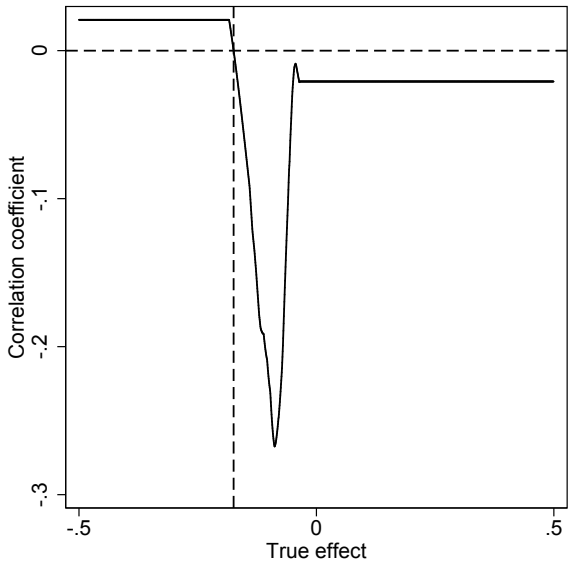
Note: This figure presents the dependence of $\text{Cor}(|\bar{b}_j|, |b_j^*|)$ on θ, holding $\bar{\bar{\theta}}$ fixed at its actual value. Dashed lines represent the actual values of θ and $\text{Cor}(|\bar{b}_j|, |b_j^*|)$ in the simulation. Codebook for numbering the simulation studies is provided in Tables 2–3.

Figure 29: Effects of θ in Simulation #29



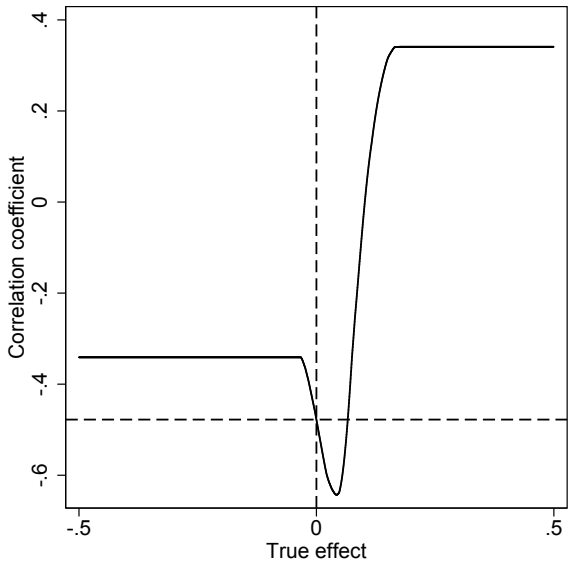
Note: This figure presents the dependence of $\text{Cor}(|\bar{b}_j|, |b_j^*|)$ on θ, holding $\bar{\tilde{\theta}}$ fixed at its actual value. Dashed lines represent the actual values of θ and $\text{Cor}(|\bar{b}_j|, |b_j^*|)$ in the simulation. Codebook for numbering the simulation studies is provided in Tables 2–3.

Figure 30: Effects of θ in Simulation #30



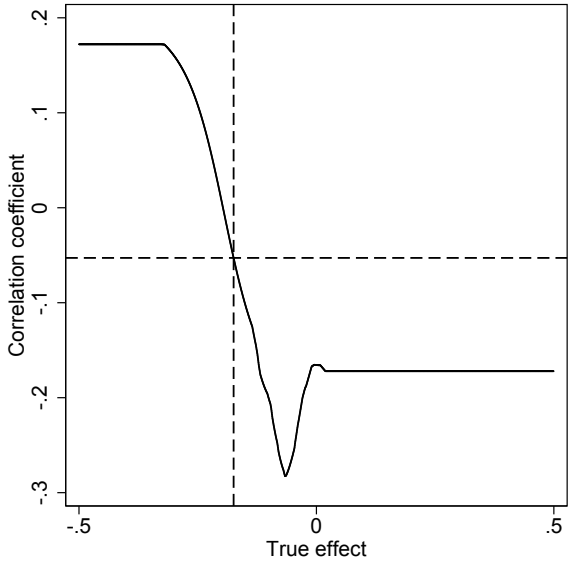
Note: This figure presents the dependence of $\text{Cor}(|\bar{b}_j|, |b_j^*|)$ on θ, holding $\bar{\tilde{\theta}}$ fixed at its actual value. Dashed lines represent the actual values of θ and $\text{Cor}(|\bar{b}_j|, |b_j^*|)$ in the simulation. Codebook for numbering the simulation studies is provided in Tables 2–3.

Figure 31: Effects of θ in Simulation #31



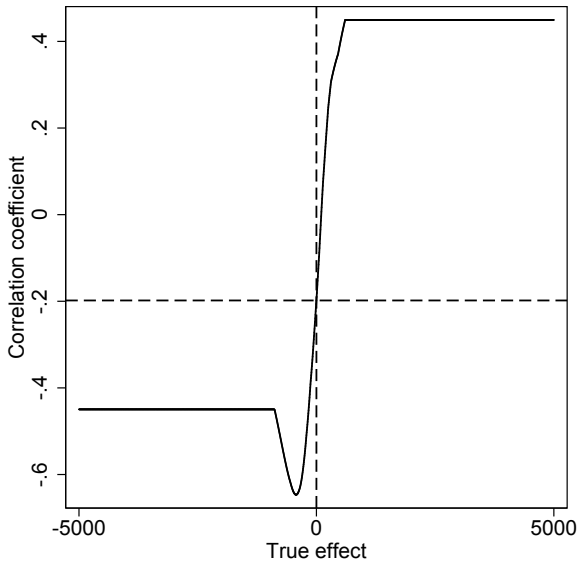
Note: This figure presents the dependence of $\text{Cor}(|\bar{b}_j|, |b_j^*|)$ on θ, holding $\bar{\bar{\theta}}$ fixed at its actual value. Dashed lines represent the actual values of θ and $\text{Cor}(|\bar{b}_j|, |b_j^*|)$ in the simulation. Codebook for numbering the simulation studies is provided in Tables 2–3.

Figure 32: Effects of θ in Simulation #32



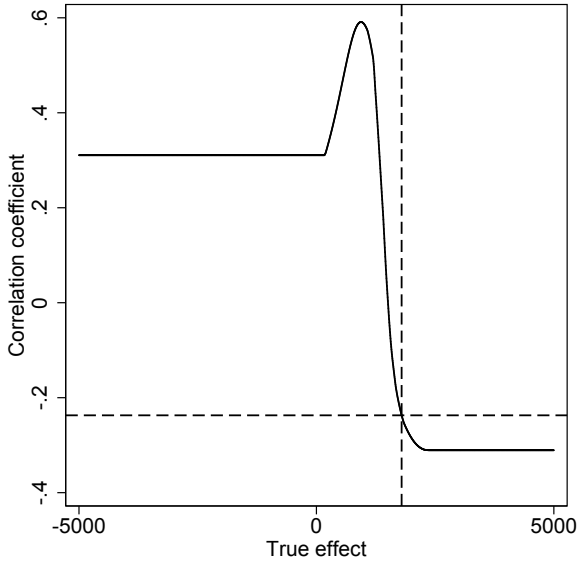
Note: This figure presents the dependence of $\text{Cor}(|\bar{b}_j|, |b_j^*|)$ on θ, holding $\bar{\bar{\theta}}$ fixed at its actual value. Dashed lines represent the actual values of θ and $\text{Cor}(|\bar{b}_j|, |b_j^*|)$ in the simulation. Codebook for numbering the simulation studies is provided in Tables 2–3.

Figure 33: Effects of θ in Simulation #33



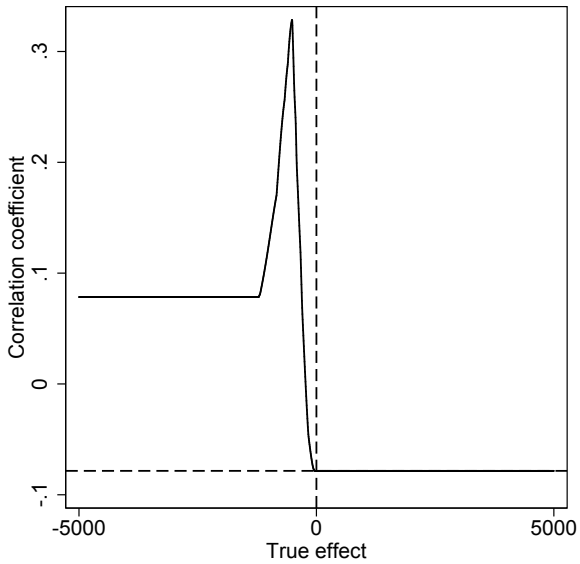
Note: This figure presents the dependence of $\text{Cor}(|\bar{b}_j|, |b_j^*|)$ on θ, holding $\bar{\bar{\theta}}$ fixed at its actual value. Dashed lines represent the actual values of θ and $\text{Cor}(|\bar{b}_j|, |b_j^*|)$ in the simulation. Codebook for numbering the simulation studies is provided in Tables 2–3.

Figure 34: Effects of θ in Simulation #34



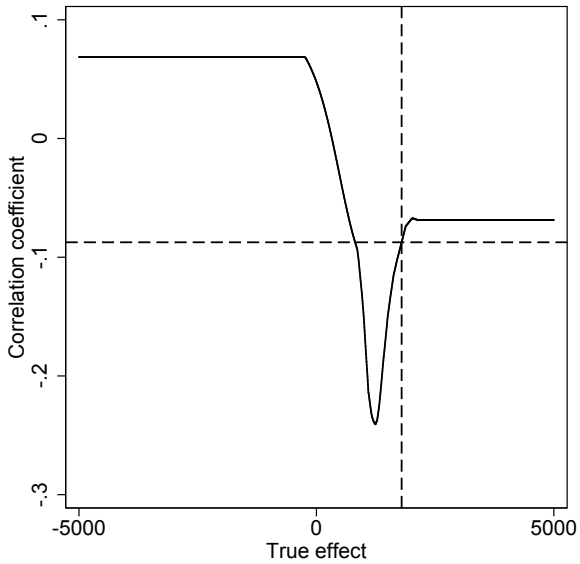
Note: This figure presents the dependence of $\text{Cor}(|\bar{b}_j|, |b_j^*|)$ on θ, holding $\bar{\bar{\theta}}$ fixed at its actual value. Dashed lines represent the actual values of θ and $\text{Cor}(|\bar{b}_j|, |b_j^*|)$ in the simulation. Codebook for numbering the simulation studies is provided in Tables 2–3.

Figure 35: Effects of θ in Simulation #35



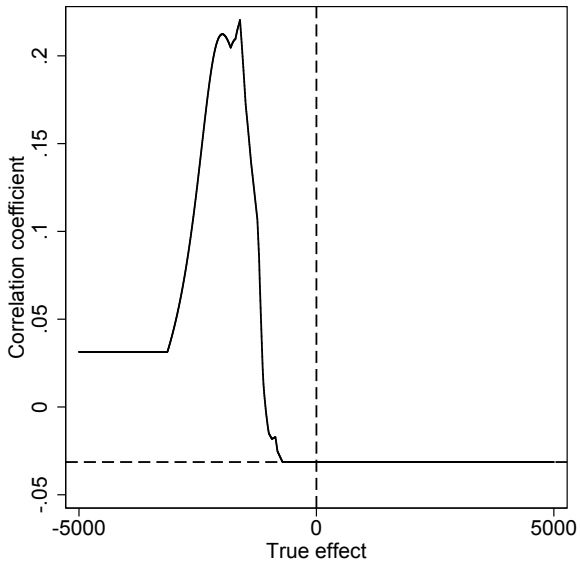
Note: This figure presents the dependence of $\text{Cor}(|\bar{b}_j|, |b_j^*|)$ on θ, holding $\bar{\bar{\theta}}$ fixed at its actual value. Dashed lines represent the actual values of θ and $\text{Cor}(|\bar{b}_j|, |b_j^*|)$ in the simulation. Codebook for numbering the simulation studies is provided in Tables 2–3.

Figure 36: Effects of θ in Simulation #36



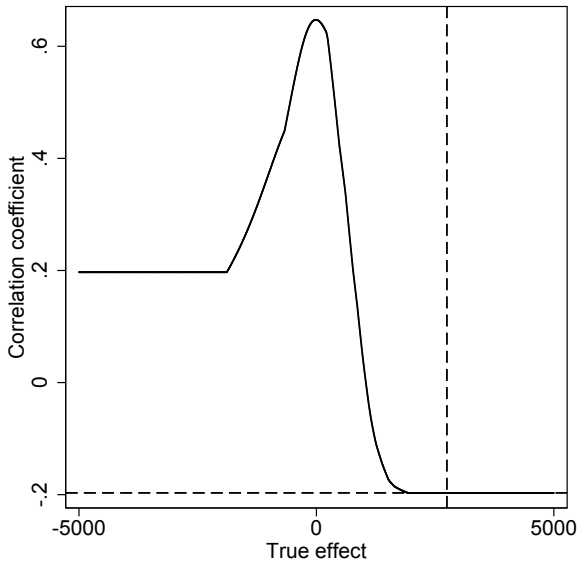
Note: This figure presents the dependence of $\text{Cor}(|\bar{b}_j|, |b_j^*|)$ on θ, holding $\bar{\bar{\theta}}$ fixed at its actual value. Dashed lines represent the actual values of θ and $\text{Cor}(|\bar{b}_j|, |b_j^*|)$ in the simulation. Codebook for numbering the simulation studies is provided in Tables 2–3.

Figure 37: Effects of θ in Simulation #37



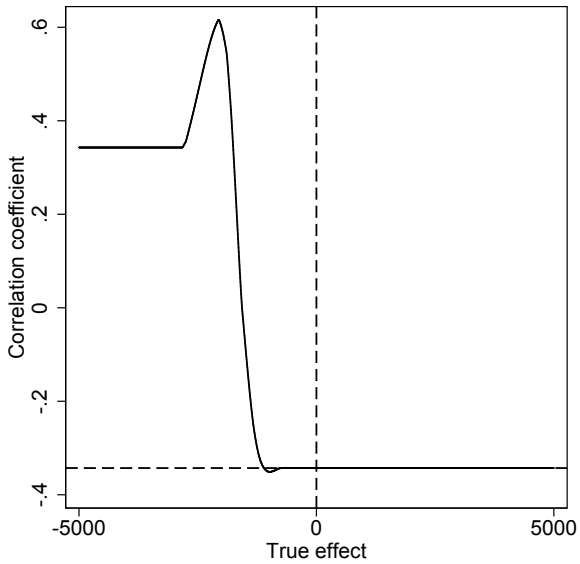
Note: This figure presents the dependence of $\text{Cor}(|\bar{b}_j|, |b_j^*|)$ on θ, holding $\bar{\bar{\theta}}$ fixed at its actual value. Dashed lines represent the actual values of θ and $\text{Cor}(|\bar{b}_j|, |b_j^*|)$ in the simulation. Codebook for numbering the simulation studies is provided in Tables 2–3.

Figure 38: Effects of θ in Simulation #38



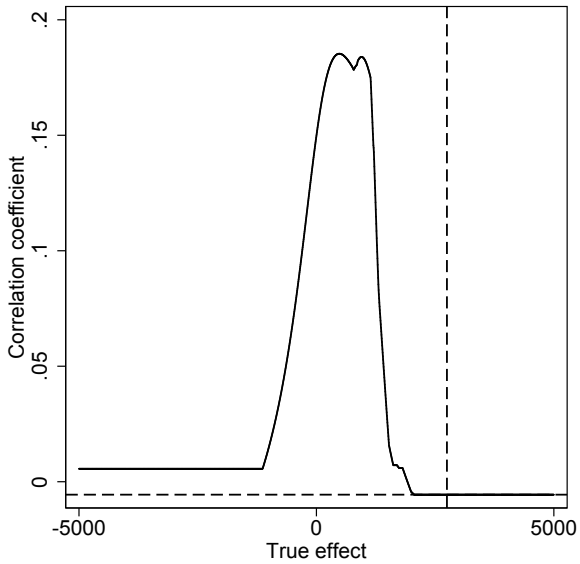
Note: This figure presents the dependence of $\text{Cor}(|\bar{b}_j|, |b_j^*|)$ on θ, holding $\bar{\bar{\theta}}$ fixed at its actual value. Dashed lines represent the actual values of θ and $\text{Cor}(|\bar{b}_j|, |b_j^*|)$ in the simulation. Codebook for numbering the simulation studies is provided in Tables 2–3.

Figure 39: Effects of θ in Simulation #39



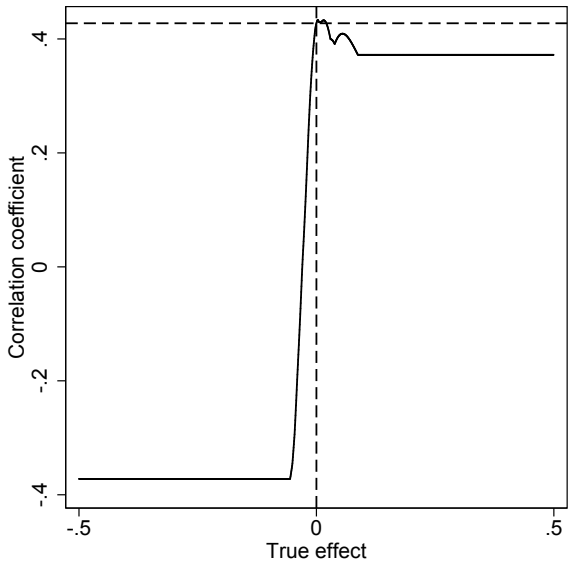
Note: This figure presents the dependence of $\text{Cor}(|\bar{b}_j|, |b_j^*|)$ on θ, holding $\bar{\bar{\theta}}$ fixed at its actual value. Dashed lines represent the actual values of θ and $\text{Cor}(|\bar{b}_j|, |b_j^*|)$ in the simulation. Codebook for numbering the simulation studies is provided in Tables 2–3.

Figure 40: Effects of θ in Simulation #40



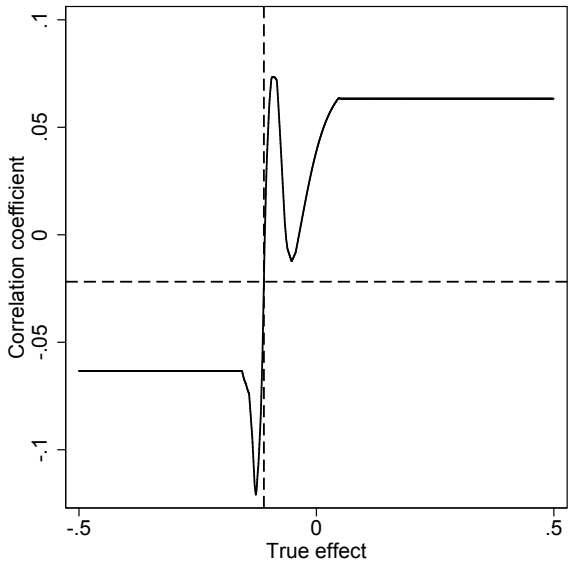
Note: This figure presents the dependence of $\text{Cor}(|\bar{b}_j|, |b_j^*|)$ on θ, holding $\bar{\bar{\theta}}$ fixed at its actual value. Dashed lines represent the actual values of θ and $\text{Cor}(|\bar{b}_j|, |b_j^*|)$ in the simulation. Codebook for numbering the simulation studies is provided in Tables 2–3.

Figure 41: Effects of θ in Simulation #41



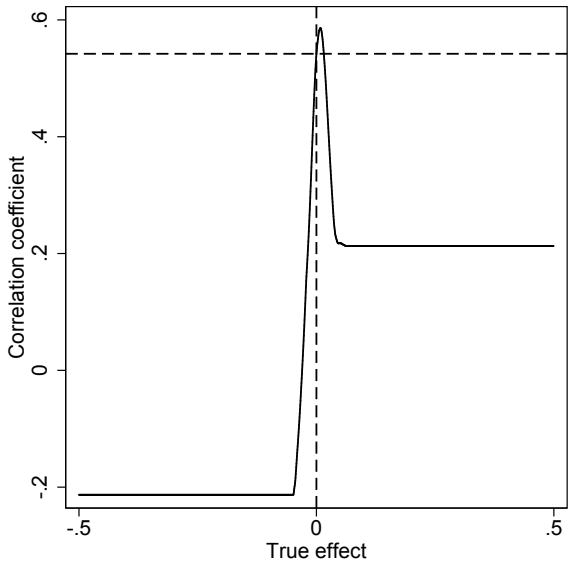
Note: This figure presents the dependence of $\text{Cor}(|\bar{b}_j|, |b_j^*|)$ on θ, holding $\bar{\bar{\theta}}$ fixed at its actual value. Dashed lines represent the actual values of θ and $\text{Cor}(|\bar{b}_j|, |b_j^*|)$ in the simulation. Codebook for numbering the simulation studies is provided in Tables 2–3.

Figure 42: Effects of θ in Simulation #42



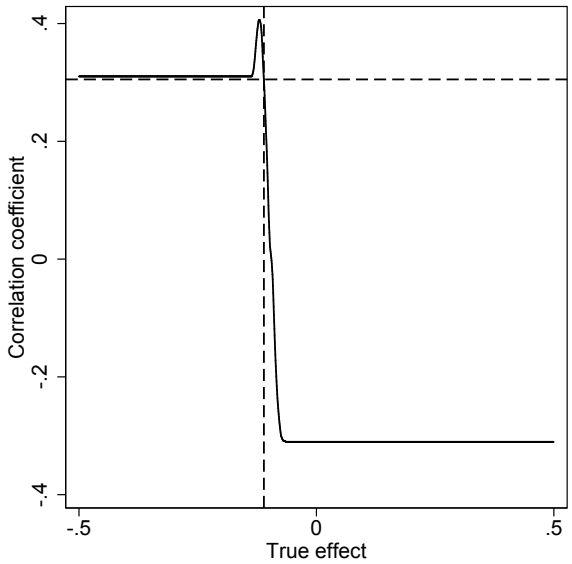
Note: This figure presents the dependence of $\text{Cor}(|\bar{b}_j|, |b_j^*|)$ on θ, holding $\bar{\bar{\theta}}$ fixed at its actual value. Dashed lines represent the actual values of θ and $\text{Cor}(|\bar{b}_j|, |b_j^*|)$ in the simulation. Codebook for numbering the simulation studies is provided in Tables 2–3.

Figure 43: Effects of θ in Simulation #43



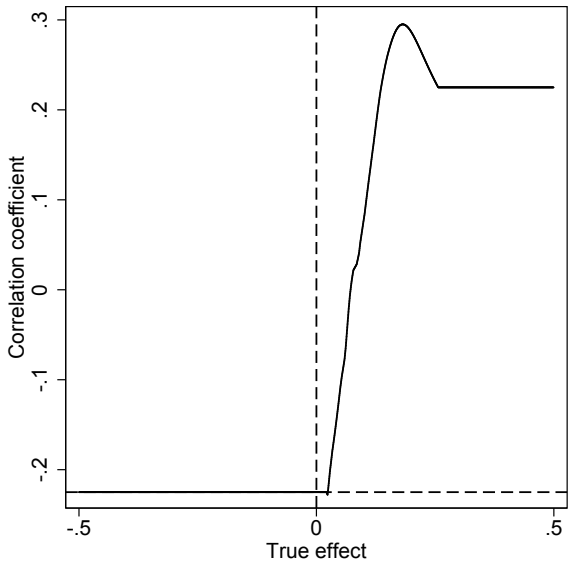
Note: This figure presents the dependence of $\text{Cor}(|\bar{b}_j|, |b_j^*|)$ on θ, holding $\bar{\bar{\theta}}$ fixed at its actual value. Dashed lines represent the actual values of θ and $\text{Cor}(|\bar{b}_j|, |b_j^*|)$ in the simulation. Codebook for numbering the simulation studies is provided in Tables 2–3.

Figure 44: Effects of θ in Simulation #44



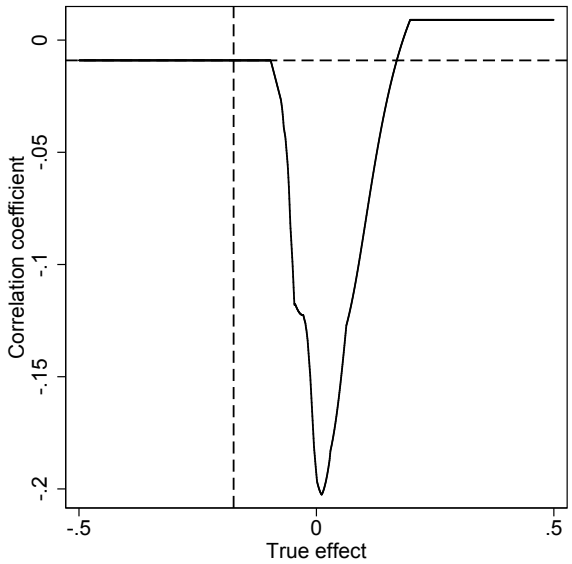
Note: This figure presents the dependence of $\text{Cor}(|\bar{b}_j|, |b_j^*|)$ on θ, holding $\bar{\bar{\theta}}$ fixed at its actual value. Dashed lines represent the actual values of θ and $\text{Cor}(|\bar{b}_j|, |b_j^*|)$ in the simulation. Codebook for numbering the simulation studies is provided in Tables 2–3.

Figure 45: Effects of θ in Simulation #45



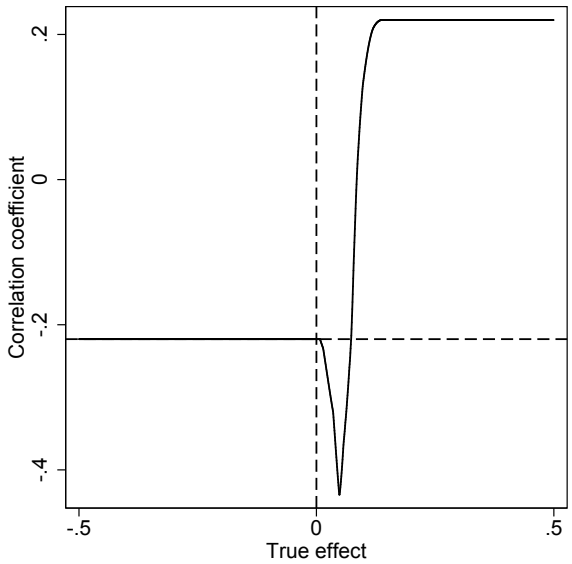
Note: This figure presents the dependence of $\text{Cor}(|\bar{b}_j|, |b_j^*|)$ on θ, holding $\bar{\bar{\theta}}$ fixed at its actual value. Dashed lines represent the actual values of θ and $\text{Cor}(|\bar{b}_j|, |b_j^*|)$ in the simulation. Codebook for numbering the simulation studies is provided in Tables 2–3.

Figure 46: Effects of θ in Simulation #46



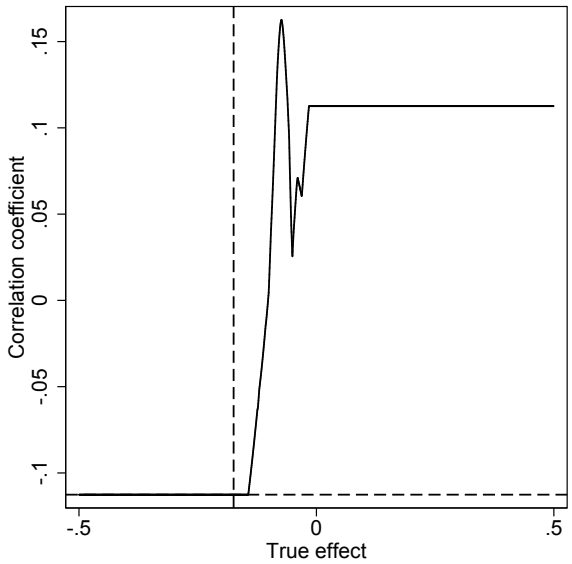
Note: This figure presents the dependence of $\text{Cor}(|\bar{b}_j|, |b_j^*|)$ on θ, holding $\bar{\bar{\theta}}$ fixed at its actual value. Dashed lines represent the actual values of θ and $\text{Cor}(|\bar{b}_j|, |b_j^*|)$ in the simulation. Codebook for numbering the simulation studies is provided in Tables 2–3.

Figure 47: Effects of θ in Simulation #47



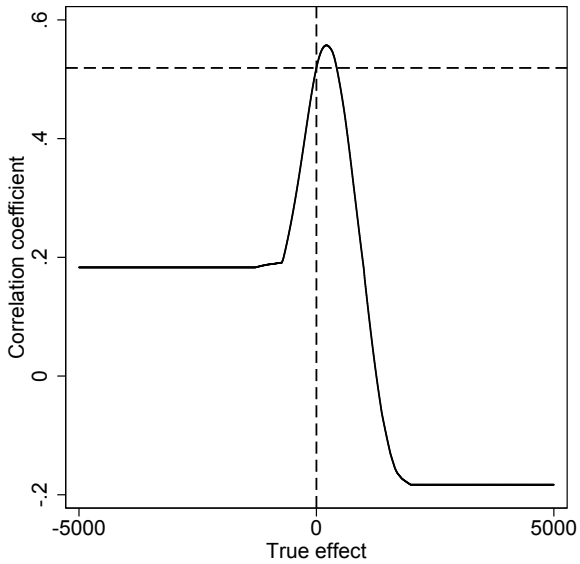
Note: This figure presents the dependence of $\text{Cor}(|\bar{b}_j|, |b_j^*|)$ on θ, holding $\bar{\bar{\theta}}$ fixed at its actual value. Dashed lines represent the actual values of θ and $\text{Cor}(|\bar{b}_j|, |b_j^*|)$ in the simulation. Codebook for numbering the simulation studies is provided in Tables 2–3.

Figure 48: Effects of θ in Simulation #48



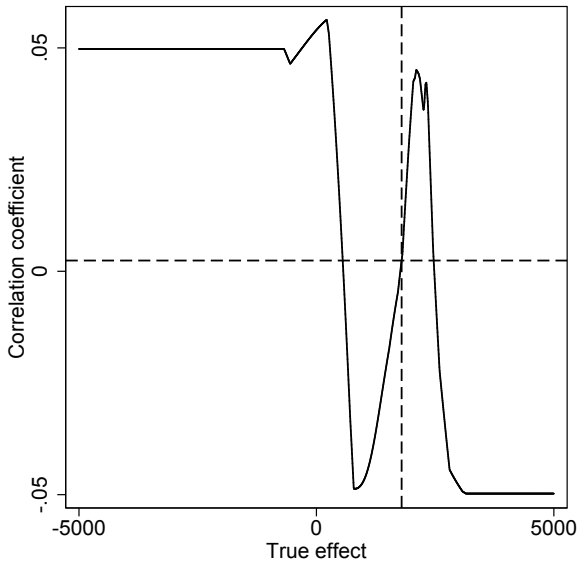
Note: This figure presents the dependence of $\text{Cor}(|\bar{b}_j|, |b_j^*|)$ on θ, holding $\bar{\bar{\theta}}$ fixed at its actual value. Dashed lines represent the actual values of θ and $\text{Cor}(|\bar{b}_j|, |b_j^*|)$ in the simulation. Codebook for numbering the simulation studies is provided in Tables 2–3.

Figure 49: Effects of θ in Simulation #49



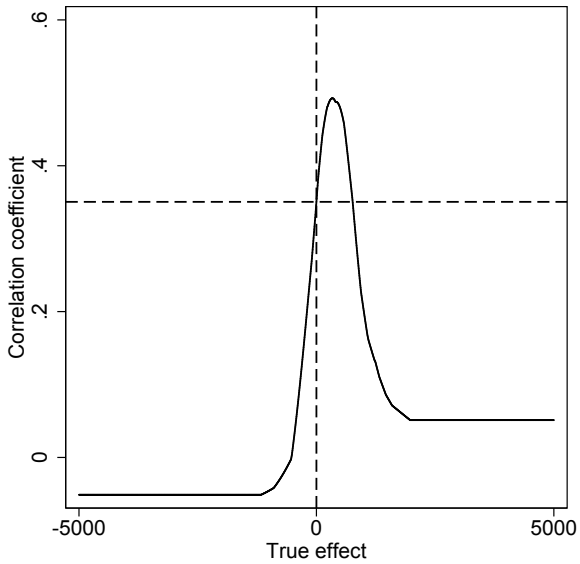
Note: This figure presents the dependence of $\text{Cor}(|\bar{b}_j|, |b_j^*|)$ on θ, holding $\bar{\bar{\theta}}$ fixed at its actual value. Dashed lines represent the actual values of θ and $\text{Cor}(|\bar{b}_j|, |b_j^*|)$ in the simulation. Codebook for numbering the simulation studies is provided in Tables 2–3.

Figure 50: Effects of θ in Simulation #50



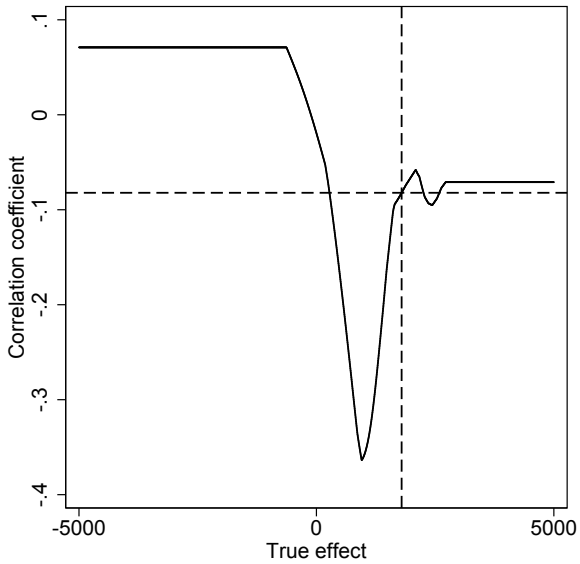
Note: This figure presents the dependence of $\text{Cor}(|\bar{b}_j|, |b_j^*|)$ on θ, holding $\bar{\bar{\theta}}$ fixed at its actual value. Dashed lines represent the actual values of θ and $\text{Cor}(|\bar{b}_j|, |b_j^*|)$ in the simulation. Codebook for numbering the simulation studies is provided in Tables 2–3.

Figure 51: Effects of θ in Simulation #51



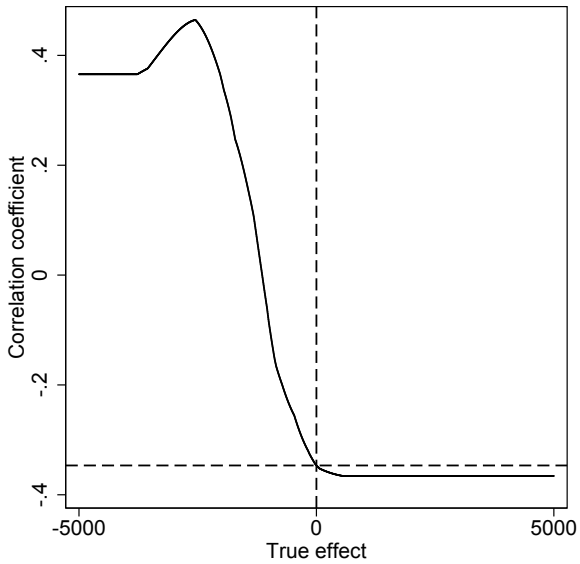
Note: This figure presents the dependence of $\text{Cor}(|\bar{b}_j|, |b_j^*|)$ on θ, holding $\bar{\bar{\theta}}$ fixed at its actual value. Dashed lines represent the actual values of θ and $\text{Cor}(|\bar{b}_j|, |b_j^*|)$ in the simulation. Codebook for numbering the simulation studies is provided in Tables 2–3.

Figure 52: Effects of θ in Simulation #52



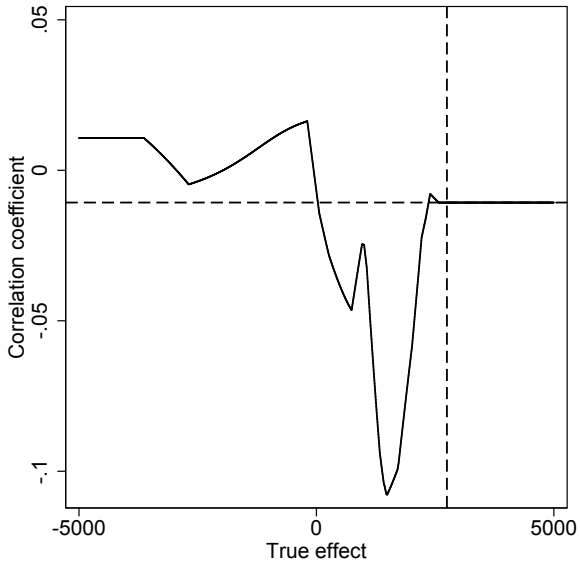
Note: This figure presents the dependence of $\text{Cor}(|\bar{b}_j|, |b_j^*|)$ on θ, holding $\bar{\bar{\theta}}$ fixed at its actual value. Dashed lines represent the actual values of θ and $\text{Cor}(|\bar{b}_j|, |b_j^*|)$ in the simulation. Codebook for numbering the simulation studies is provided in Tables 2–3.

Figure 53: Effects of θ in Simulation #53



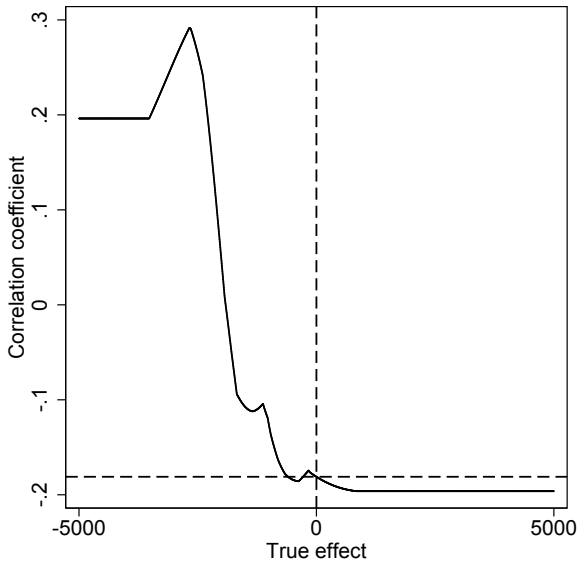
Note: This figure presents the dependence of $\text{Cor}(|\bar{b}_j|, |b_j^*|)$ on θ, holding $\bar{\bar{\theta}}$ fixed at its actual value. Dashed lines represent the actual values of θ and $\text{Cor}(|\bar{b}_j|, |b_j^*|)$ in the simulation. Codebook for numbering the simulation studies is provided in Tables 2–3.

Figure 54: Effects of θ in Simulation #54



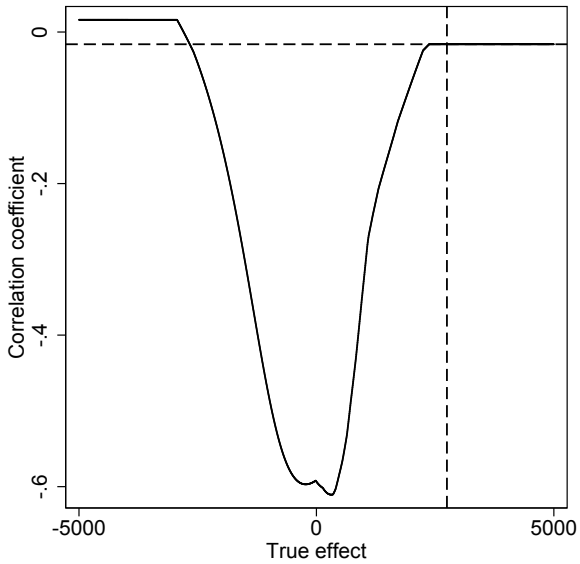
Note: This figure presents the dependence of $\text{Cor}(|\bar{b}_j|, |b_j^*|)$ on θ, holding $\bar{\bar{\theta}}$ fixed at its actual value. Dashed lines represent the actual values of θ and $\text{Cor}(|\bar{b}_j|, |b_j^*|)$ in the simulation. Codebook for numbering the simulation studies is provided in Tables 2–3.

Figure 55: Effects of θ in Simulation #55



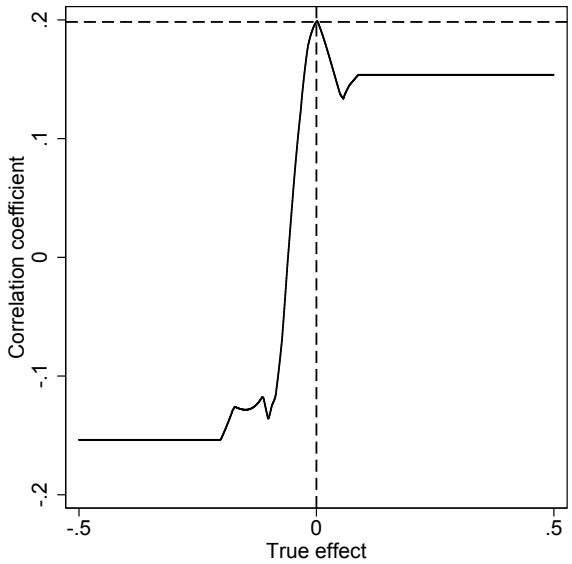
Note: This figure presents the dependence of $\text{Cor}(|\bar{b}_j|, |b_j^*|)$ on θ, holding $\bar{\bar{\theta}}$ fixed at its actual value. Dashed lines represent the actual values of θ and $\text{Cor}(|\bar{b}_j|, |b_j^*|)$ in the simulation. Codebook for numbering the simulation studies is provided in Tables 2–3.

Figure 56: Effects of θ in Simulation #56



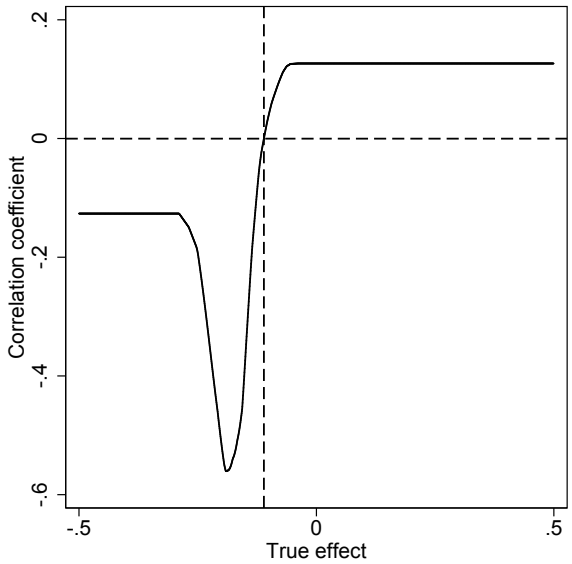
Note: This figure presents the dependence of $\text{Cor}(|\bar{b}_j|, |b_j^*|)$ on θ, holding $\bar{\bar{\theta}}$ fixed at its actual value. Dashed lines represent the actual values of θ and $\text{Cor}(|\bar{b}_j|, |b_j^*|)$ in the simulation. Codebook for numbering the simulation studies is provided in Tables 2–3.

Figure 57: Effects of θ in Simulation #57



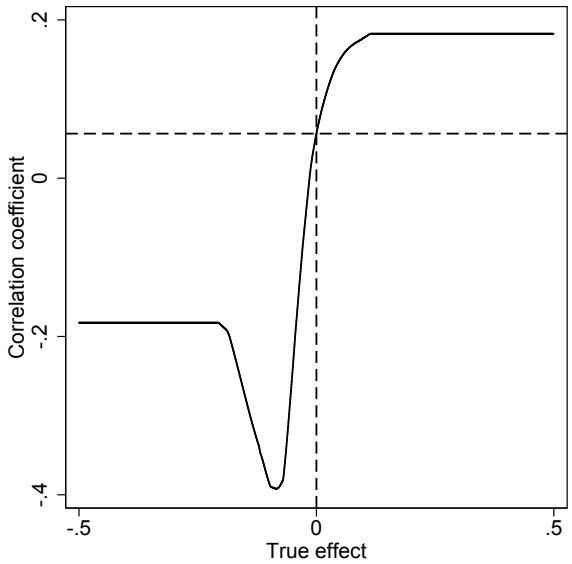
Note: This figure presents the dependence of $\text{Cor}(|\bar{b}_j|, |b_j^*|)$ on θ, holding $\bar{\bar{\theta}}$ fixed at its actual value. Dashed lines represent the actual values of θ and $\text{Cor}(|\bar{b}_j|, |b_j^*|)$ in the simulation. Codebook for numbering the simulation studies is provided in Tables 2–3.

Figure 58: Effects of θ in Simulation #58



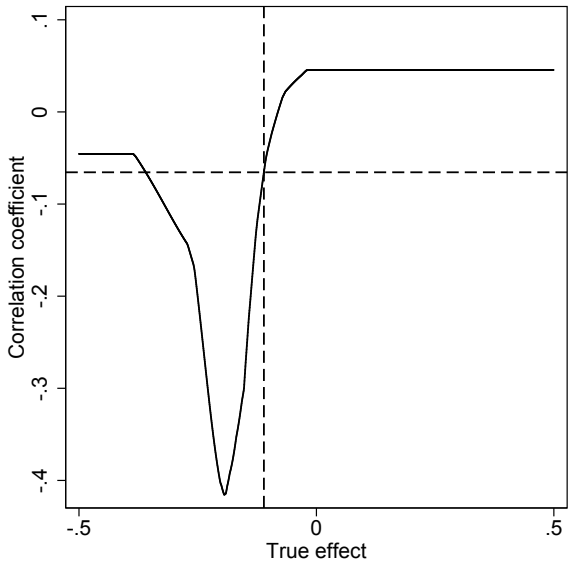
Note: This figure presents the dependence of $\text{Cor}(|\bar{b}_j|, |b_j^*|)$ on θ, holding $\bar{\bar{\theta}}$ fixed at its actual value. Dashed lines represent the actual values of θ and $\text{Cor}(|\bar{b}_j|, |b_j^*|)$ in the simulation. Codebook for numbering the simulation studies is provided in Tables 2–3.

Figure 59: Effects of θ in Simulation #59



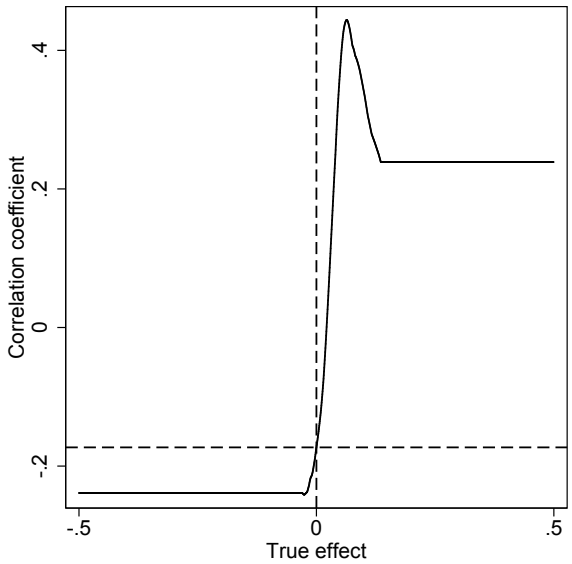
Note: This figure presents the dependence of $\text{Cor}(|\bar{b}_j|, |b_j^*|)$ on θ, holding $\bar{\bar{\theta}}$ fixed at its actual value. Dashed lines represent the actual values of θ and $\text{Cor}(|\bar{b}_j|, |b_j^*|)$ in the simulation. Codebook for numbering the simulation studies is provided in Tables 2–3.

Figure 60: Effects of θ in Simulation #60



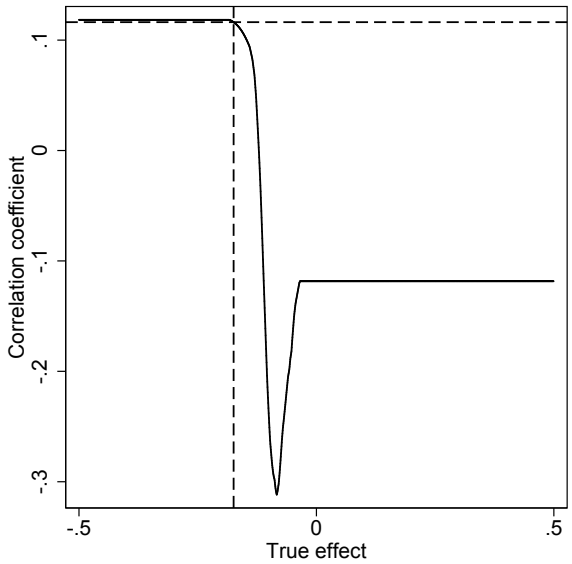
Note: This figure presents the dependence of $\text{Cor}(|\bar{b}_j|, |b_j^*|)$ on θ, holding $\bar{\bar{\theta}}$ fixed at its actual value. Dashed lines represent the actual values of θ and $\text{Cor}(|\bar{b}_j|, |b_j^*|)$ in the simulation. Codebook for numbering the simulation studies is provided in Tables 2–3.

Figure 61: Effects of θ in Simulation #61



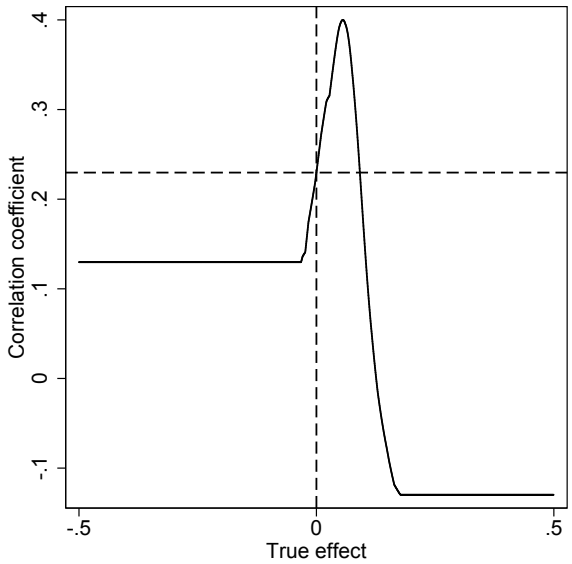
Note: This figure presents the dependence of $\text{Cor}(|\bar{b}_j|, |b_j^*|)$ on θ, holding $\bar{\bar{\theta}}$ fixed at its actual value. Dashed lines represent the actual values of θ and $\text{Cor}(|\bar{b}_j|, |b_j^*|)$ in the simulation. Codebook for numbering the simulation studies is provided in Tables 2–3.

Figure 62: Effects of θ in Simulation #62



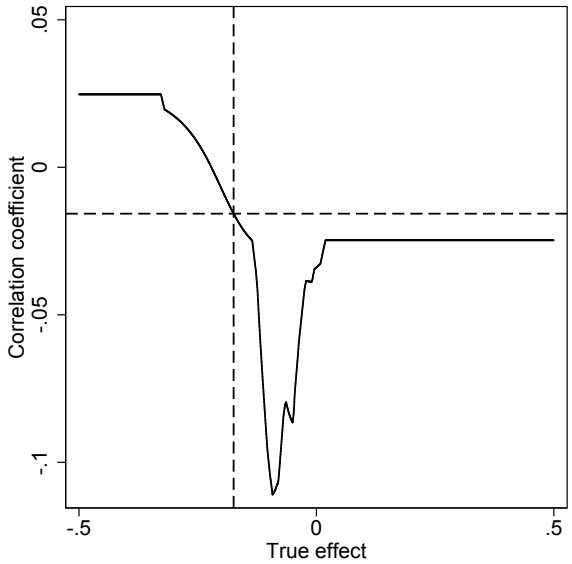
Note: This figure presents the dependence of $\text{Cor}(|\bar{b}_j|, |b_j^*|)$ on θ, holding $\bar{\bar{\theta}}$ fixed at its actual value. Dashed lines represent the actual values of θ and $\text{Cor}(|\bar{b}_j|, |b_j^*|)$ in the simulation. Codebook for numbering the simulation studies is provided in Tables 2–3.

Figure 63: Effects of θ in Simulation #63



Note: This figure presents the dependence of $\text{Cor}(|\bar{b}_j|, |b_j^*|)$ on θ, holding $\bar{\bar{\theta}}$ fixed at its actual value. Dashed lines represent the actual values of θ and $\text{Cor}(|\bar{b}_j|, |b_j^*|)$ in the simulation. Codebook for numbering the simulation studies is provided in Tables 2–3.

Figure 64: Effects of θ in Simulation #64



Note: This figure presents the dependence of $\text{Cor}(|\bar{b}_j|, |b_j^*|)$ on θ, holding $\bar{\bar{\theta}}$ fixed at its actual value. Dashed lines represent the actual values of θ and $\text{Cor}(|\bar{b}_j|, |b_j^*|)$ in the simulation. Codebook for numbering the simulation studies is provided in Tables 2–3.