

TABLE 3 No continuous, SD=0, ME=0.5, est betas

	Linreg	MSS	LRSOE	MiniCov	Mini
Sensitivity					
Mean (95% CI)	80.6% (79%, 82%)	76.3% (74.7%, 77.9%)	84.6% (83.2%, 85.9%)	92.6% (91.6%, 93.6%)	91.8% (90.7%, 92.7%)
Efficiency					
Mean (95% CI)	64.8% (64.3%, 65.2%)	62.5% (62.1%, 63%)	64.9% (64.5%, 65.3%)	54.8% (54.4%, 55.2%)	43.3% (42.9%, 43.8%)
Median (Q1, Q3)	66% (59%, 72%)	64.5% (56%, 70%)	66% (60%, 71%)	56% (46%, 65%)	43% (34%, 53%)
Min, Max	25%, 79%	16%, 79%	26%, 79%	8%, 87%	1%, 84%
Rounds					
Mean (95% CI)	6.5 (6.3, 6.8)	5.4 (5.2, 5.6)	4.4 (4.3, 4.6)	10.8 (10.7, 10.9)	10.9 (10.9, 11)
Median (Q1, Q3)	7 (5, 8)	5 (4, 7)	4 (3, 6)	11 (11, 11)	11 (11, 11)
Min, Max	2, 15	2, 14	2, 9	2, 11	4, 11

TABLE 4 No continuous, SD=0, ME=0.75, est betas

	Linreg	MSS	LRSOE	MiniCov	Mini
Sensitivity					
Mean (95% CI)	76.6% (75%, 78.2%)	71.6% (69.9%, 73.3%)	80.9% (79.4%, 82.4%)	90.9% (89.8%, 92%)	90.2% (89%, 91.3%)
Efficiency					
Mean (95% CI)	62.9% (62.4%, 63.3%)	61.2% (60.7%, 61.6%)	62.8% (62.4%, 63.3%)	49.8% (49.4%, 50.3%)	39.7% (39.3%, 40.2%)
Median (Q1, Q3)	64% (57%, 70.2%)	63% (55%, 70%)	64% (57.7%, 69%)	50% (39%, 59%)	40% (30%, 50%)
Min, Max	28%, 79%	16%, 78%	26%, 78%	0%, 87%	0%, 82%
Rounds					
Mean (95% CI)	7.2 (7, 7.4)	5.7 (5.5, 5.9)	4.9 (4.7, 5)	10.9 (10.8, 11)	11 (10.9, 11)
Median (Q1, Q3)	7 (6, 9)	6 (4, 7)	5 (4, 6)	11 (11, 11)	11 (11, 11)
Min, Max	2, 15	2, 15	2, 10	2, 11	4, 11

TABLE 5 No continuous, SD=1.0, ME=0.05, est betas

	Linreg	MSS	LRSOE	MiniCov	Mini
Sensitivity	94.7% (93.8%, 95.5%)	93.4% (92.4%, 94.3%)	96.3% (95.6%, 97%)	98.6% (98.1%, 99%)	98.8% (98.3%, 99.1%)
Efficiency	69.7% (69.3%, 70.1%)	67.7% (67.3%, 68.1%)	68.9% (68.5%, 69.3%)	66.9% (66.5%, 67.4%)	55.6% (55.2%, 56%)
	71% (67%, 75%)	70% (63.7%, 73%)	70% (66%, 73%)	67% (60%, 74%)	56% (47.8%, 64%)
	37%, 80%	35%, 80%	45%, 80%	34%, 89%	17%, 87%
Rounds	4.6 (4.4, 4.8)	4.2 (4, 4.3)	3.1 (3, 3.2)	9.8 (9.6, 10)	10.6 (10.5, 10.7)
	4 (3, 6)	4 (3, 5)	3 (2, 4)	11 (10, 11)	11 (11, 11)
	1, 14	1, 11	1, 7	2, 11	3, 11

TABLE 6 No continuous, SD=1.0, ME=0.12, est betas

	Linreg	MSS	LRSOE	MiniCov	Mini
Sensitivity	91.6% (90.6%, 92.6%)	89.5% (88.3%, 90.6%)	94.2% (93.3%, 95%)	97% (96.3%, 97.6%)	97.2% (96.6%, 97.8%)
Efficiency	67.4% (67%, 67.8%)	65.8% (65.4%, 66.3%)	67.3% (66.9%, 67.7%)	61.7% (61.3%, 62.1%)	52.2% (51.8%, 52.6%)
	69% (63%, 74%)	68% (61.7%, 73%)	69% (64%, 72%)	63% (54%, 70%)	52% (44%, 62%)
	30%, 80%	31%, 80%	30%, 80%	20%, 89%	15%, 87%
Rounds	5.4 (5.2, 5.6)	4.6 (4.5, 4.8)	3.6 (3.5, 3.7)	10.5 (10.3, 10.6)	10.8 (10.7, 10.9)
	5 (4, 7)	4 (3, 6)	3 (2, 4)	11 (11, 11)	11 (11, 11)
	1, 17	1, 12	1, 9	2, 11	4, 11

TABLE 7 No continuous, SD=1.0, ME=0.25, est betas

	Linreg	MSS	LRSOE	MiniCov	Mini
Sensitivity					
Mean (95% CI)	87.4% (86.2%, 88.6%)	84.6% (83.3%, 85.9%)	90.1% (89%, 91.2%)	94.8% (93.9%, 95.6%)	94.8% (94%, 95.6%)
Efficiency					
Mean (95% CI)	65% (64.6%, 65.4%)	63.8% (63.4%, 64.2%)	65.1% (64.7%, 65.5%)	55.4% (54.9%, 55.8%)	47.6% (47.1%, 48%)
Median (Q1, Q3)	67% (59%, 72%)	66% (58%, 72%)	67% (60%, 71%)	56% (47%, 65%)	48% (38%, 57%)
Min, Max	22%, 80%	23%, 80%	22%, 80%	18%, 89%	3%, 86%
Rounds					
Mean (95% CI)	6.3 (6, 6.5)	5.1 (4.9, 5.3)	4.2 (4, 4.3)	10.8 (10.7, 10.9)	10.9 (10.8, 10.9)
Median (Q1, Q3)	6 (5, 8)	5 (3, 6)	4 (3, 5)	11 (11, 11)	11 (11, 11)
Min, Max	1, 18	1, 14	1, 9	2, 11	4, 11

TABLE 8 No continuous, SD=1.0, ME=0.5, est betas

	Linreg	MSS	LRSOE	MiniCov	Mini
Sensitivity					
Mean (95% CI)	77.1% (75.6%, 78.5%)	74% (72.5%, 75.5%)	79.4% (77.9%, 80.8%)	88.2% (87%, 89.3%)	88.7% (87.6%, 89.8%)
Efficiency					
Mean (95% CI)	62.1% (61.6%, 62.5%)	61% (60.6%, 61.4%)	62.2% (61.7%, 62.6%)	48.8% (48.4%, 49.3%)	42.2% (41.7%, 42.6%)
Median (Q1, Q3)	64% (56%, 71%)	63% (54%, 70%)	64% (57%, 69%)	48% (39%, 59%)	42% (33%, 52%)
Min, Max	14%, 80%	15%, 80%	21%, 80%	10%, 84%	2%, 83%
Rounds					
Mean (95% CI)	7.3 (7, 7.5)	5.7 (5.5, 5.9)	4.8 (4.7, 5)	11 (10.9, 11)	11 (10.9, 11)
Median (Q1, Q3)	7 (6, 9)	6 (4, 7)	5 (4, 6)	11 (11, 11)	11 (11, 11)
Min, Max	1, 19	1, 15	1, 10	5, 11	6, 11

