AGAIG

TABLE 1 AGAIG, SD=0, ME=0, est betas

		Linreg	MSS	LRSOE	MiniCov	Mini
Sensitivity	Mean (95% CI)	94.6% (93.7%, 95.4%)	94.9% (94.1%, 95.7%)	97.5% (96.8%, 98%)	100% (99.9%, 100%)	100% (99.9%, 100%)
Efficiency	Mean (95% CI)	74% (73.6%, 74.4%)	70.1% (69.7%, 70.5%)	70.8% (70.4%, 71.2%)	83.3% (83%, 83.6%)	61% (60.5%, 61.4%)
	Median (Q1, Q3)	74% (73%, 76%)	71% (67%, 74%)	71% (69%, 73%)	83% (82%, 85%)	62% (54%, 69%)
	Min, Max	65%, 79%	50%, 79%	60%, 79%	75%, 89%	27%, 88%
Rounds	Mean (95% CI)	3.1 (3, 3.1)	3.6 (3.5, 3.7)	2.3 (2.3, 2.3)	3 (3, 3.1)	9.9 (9.8, 10)
	Median (Q1, Q3)	3 (3, 3)	4 (3, 4)	2 (2, 3)	3 (3, 3)	10 (9, 11)
	Min, Max	2, 5	2, 8	2, 3	2, 6	3, 11

TABLE 2 AGAIG, SD=0, ME=0.25, est betas

		Linreg	MSS	LRSOE	MiniCov	Mini
Sensitivity	Mean (95% CI)	84.2% (82.9%, 85.5%)	82% (80.5%, 83.3%)	88% (86.8%, 89.2%)	93.2% (92.2%, 94.1%)	94.5% (93.7%, 95.3%)
Efficiency	Mean (95% CI)	68.6% (68.2%, 69%)	65.1% (64.7%, 65.5%)	67.7% (67.3%, 68.1%)	64.1% (63.7%, 64.5%)	49.3% (48.9%, 49.8%)
	Median (Q1, Q3)	70.5% (65%, 74%)	67% (59%, 72%)	69% (64.8%, 72%)	65.5% (56%, 74%)	50% (40%, 58%)
	Min, Max	28%, 79%	29%, 79%	40%, 79%	18%, 88%	9%, 85%
Rounds	Mean (95% CI)	5.2 (5, 5.4)	4.8 (4.7, 5)	3.1 (3, 3.2)	10.2 (10, 10.4)	10.8 (10.8, 10.9)
	Median (Q1, Q3)	5 (4, 6)	5 (3, 6)	3 (2, 4)	11 (11, 11)	11 (11, 11)
	Min, Max	2, 13	2, 12	2, 7	2, 11	4, 11

Reverse.

TABLE 3 AGAIG, SD=0, ME=0.5, est betas

		Linreg	MSS	LRSOE	MiniCov	Mini
Sensitivity	Mean (95% CI)	80.1% (78.6%, 81.6%)	76.3% (74.6%, 77.8%)	84.5% (83.1%, 85.8%)	90.9% (89.7%, 91.9%)	91.8% (90.7%, 92.8%)
Efficiency	Mean (95% CI)	64.9% (64.5%, 65.3%)	62.5% (62.1%, 63%)	64.5% (64%, 64.9%)	55.4% (55%, 55.8%)	43.3% (42.9%, 43.8%)
	Median (Q1, Q3)	67% (59.7%, 72%)	64.5% (56%, 70%)	66% (60%, 70.2%)	56% (47%, 65%)	43% (34%, 53%)
	Min, Max	24%, 79%	16%, 79%	30%, 79%	9%, 87%	1%, 84%
Rounds	Mean (95% CI)	6.5 (6.3, 6.7)	5.4 (5.2, 5.6)	3.7 (3.6, 3.8)	10.8 (10.7, 10.9)	10.9 (10.9, 11)
	Median (Q1, Q3)	7 (5, 8)	5 (4, 7)	4 (3, 5)	11 (11, 11)	11 (11, 11)
	Min, Max	2, 15	2, 14	2, 8	2, 11	4, 11

TABLE 4 AGAIG, SD=0, ME=0.75, est betas

		Linreg	MSS	LRSOE	MiniCov	Mini
Sensitivity	Mean (95% CI)	76% (74.4%, 77.6%)	71.6% (69.9%, 73.3%)	80.8% (79.3%, 82.3%)	89.8% (88.6%, 90.9%)	90.2% (89%, 91.3%)
Efficiency	Mean (95% CI)	63% (62.6%, 63.4%)	61.2% (60.7%, 61.6%)	62.6% (62.1%, 63%)	50.4% (50%, 50.8%)	39.7% (39.3%, 40.1%)
	Median (Q1, Q3)	64% (57%, 71%)	63% (55%, 70%)	64% (57%, 69%)	52% (39%, 59%)	40% (30%, 50%)
	Min, Max	26%, 79%	16%, 78%	29%, 78%	0%, 87%	0%, 82%
Rounds	Mean (95% CI)	7.2 (6.9, 7.4)	5.7 (5.5, 5.9)	4 (3.9, 4.1)	10.9 (10.8, 11)	11 (10.9, 11)
	Median (Q1, Q3)	7 (5, 9)	6 (4, 7)	4 (3, 5)	11 (11, 11)	11 (11, 11)
	Min, Max	2, 15	2, 15	2, 8	2, 11	4, 11

TABLE 5 AGAIG, SD=1.0, ME=0.05, est betas

		Linreg	MSS	LRSOE	MiniCov	Mini
Sensitivity	Mean (95% CI)	95% (94.2%, 95.8%)	93.4% (92.5%, 94.3%)	96.6% (95.8%, 97.2%)	98.7% (98.2%, 99.1%)	98.8% (98.3%, 99.1%)
Efficiency	Mean (95% CI)	69.8% (69.4%, 70.2%)	67.7% (67.3%, 68.1%)	68.6% (68.2%, 69%)	68.2% (67.8%, 68.6%)	55.6% (55.1%, 56%)
	Median (Q1, Q3)	71.5% (67%, 75%)	70% (63.7%, 73%)	70% (66%, 73%)	69% (62%, 76%)	56% (47.8%, 64%)
	Min, Max	37%, 80%	35%, 80%	45%, 80%	30%, 89%	17%, 87%
Rounds	Mean (95% CI)	4.5 (4.4, 4.7)	4.2 (4, 4.3)	2.9 (2.8, 2.9)	9.6 (9.4, 9.9)	10.6 (10.5, 10.7)
	Median (Q1, Q3)	4 (3, 6)	4 (3, 5)	3 (2, 3)	11 (10, 11)	11 (11, 11)
	Min, Max	1, 14	1, 11	1, 6	2, 11	3, 11

TABLE 6 AGAIG, SD=1.0, ME=0.12, est betas

		Linreg	MSS	LRSOE	MiniCov	Mini
Sensitivity	Mean (95% CI)	91.9% (90.8%, 92.9%)	89.5% (88.3%, 90.6%)	94.1% (93.2%, 95%)	97.3% (96.6%, 97.9%)	97.2% (96.6%, 97.8%)
Efficiency	Mean (95% CI)	67.5% (67.1%, 67.9%)	65.8% (65.4%, 66.3%)	67% (66.5%, 67.4%)	62.8% (62.4%, 63.3%)	52.2% (51.8%, 52.6%)
	Median (Q1, Q3)	69% (63%, 74%)	68% (61.7%, 73%)	68% (63%, 72%)	64% (55%, 72%)	52% (44%, 62%)
	Min, Max	30%, 80%	31%, 80%	30%, 80%	26%, 89%	15%, 87%
Rounds	Mean (95% CI)	5.4 (5.2, 5.6)	4.6 (4.4, 4.8)	3.2 (3.1, 3.3)	10.3 (10.1, 10.5)	10.8 (10.7, 10.9)
	Median (Q1, Q3)	5 (4, 7)	4 (3, 6)	3 (2, 4)	11 (11, 11)	11 (11, 11)
	Min, Max	1, 17	1, 12	1, 7	2, 11	4, 11

TABLE 7 AGAIG, SD=1.0, ME=0.25, est betas

		Linreg	MSS	LRSOE	MiniCov	Mini
Sensitivity	Mean (95% CI)	87.2% (85.9%, 88.4%)	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)	65.1% (64.6%, 65.5%)	63.8% (63.4%, 64.2%)	64.8% (64.4%, 65.3%)	56.6% (56.1%, 57%)	47.6% (47.1%, 48%)
	Median (Q1, Q3)	67% (59.7%, 72%)	66% (58%, 72%)	67% (60%, 71%)	58% (47%, 66%)	48% (38%, 57%)
	Min, Max	22%, 80%	23%, 80%	22%, 80%	11%, 89%	3%, 86%
Rounds	Mean (95% CI)	6.2 (6, 6.5)	5.1 (4.9, 5.3)	3.6 (3.5, 3.7)	10.8 (10.7, 10.9)	10.9 (10.8, 10.9)
	Median (Q1, Q3)	6 (5, 8)	5 (3, 6)	4 (3, 4)	11 (11, 11)	11 (11, 11)
	Min, Max	1, 18	1, 14	1, 8	2, 11	4, 11

TABLE 8 AGAIG, SD=1.0, ME=0.5, est betas

		Linreg	MSS	LRSOE	MiniCov	Mini
Sensitivity	Mean (95% CI)	77.1% (75.6%, 78.5%)	74% (72.4%, 75.5%)	79.6% (78.2%, 81%)	88.9% (87.7%, 89.9%)	88.7% (87.6%, 89.8%)
Efficiency	Mean (95% CI)	62.1% (61.7%, 62.5%)	61% (60.6%, 61.4%)	62% (61.6%, 62.4%)	49.9% (49.4%, 50.3%)	42.2% (41.7%, 42.6%)
	Median (Q1, Q3)	64% (55%, 71%)	63% (54%, 70%)	64% (56%, 69%)	50% (40%, 60%)	42% (33%, 52%)
	Min, Max	14%, 80%	15%, 80%	21%, 80%	11%, 86%	2%, 83%
Rounds	Mean (95% CI)	7.2 (7, 7.5)	5.7 (5.5, 5.9)	4.1 (4, 4.2)	10.9 (10.9, 11)	11 (10.9, 11)
	Median (Q1, Q3)	7 (6, 9)	6 (4, 7)	4 (3, 5)	11 (11, 11)	11 (11, 11)
	Min, Max	1, 19	1, 15	1, 8	4, 11	6, 11

TABLE 9 Reverse, SD=0, ME=0, est betas

		Linreg	MSS	LRSOE	MiniCov	Mini
Sensitivity	Mean (95% CI)	94.7% (93.8%, 95.5%)	94.9% (94.1%, 95.7%)	96.2% (95.4%, 96.9%)	100% (99.9%, 100%)	100% (99.9%, 100%)
Efficiency	Mean (95% CI)	65% (64.5%, 65.4%)	70.1% (69.7%, 70.5%)	62.5% (62.1%, 63%)	41% (40.5%, 41.4%)	61% (60.5%, 61.4%)
	Median (Q1, Q3)	66% (60%, 71%)	71% (67%, 74%)	65% (57%, 70%)	40% (30%, 50%)	62% (54%, 69%)
	Min, Max	29%, 79%	50%, 79%	23%, 79%	1%, 80%	27%, 88%
Rounds	Mean (95% CI)	5.4 (5.2, 5.5)	3.6 (3.5, 3.7)	3.8 (3.7, 3.9)	11 (11, 11)	9.9 (9.8, 10)
	Median (Q1, Q3)	5 (4, 6)	4 (3, 4)	4 (3, 4)	11 (11, 11)	10 (9, 11)
	Min, Max	2, 12	2, 8	2, 6	11, 11	3, 11

TABLE 10 Reverse, SD=0, ME=0.25, est betas

		Linreg	MSS	LRSOE	MiniCov	Mini
Sensitivity	Mean (95% CI)	82.8% (81.4%, 84.2%)	82% (80.5%, 83.3%)	84.7% (83.3%, 86%)	95.8% (95%, 96.5%)	94.5% (93.7%, 95.3%)
Efficiency	Mean (95% CI)	61.8% (61.4%, 62.2%)	65.1% (64.7%, 65.5%)	59.3% (58.8%, 59.7%)	35.8% (35.4%, 36.3%)	49.3% (48.9%, 49.8%)
	Median (Q1, Q3)	63% (55%, 70%)	67% (59%, 72%)	61% (53%, 68%)	35% (22.8%, 50%)	50% (40%, 58%)
	Min, Max	18%, 79%	29%, 79%	13%, 79%	-10%, 80%	9%, 85%
Rounds	Mean (95% CI)	6.5 (6.3, 6.7)	4.8 (4.7, 5)	4.3 (4.2, 4.4)	11 (11, 11)	10.8 (10.8, 10.9)
	Median (Q1, Q3)	6 (5, 8)	5 (3, 6)	4 (4, 5)	11 (11, 11)	11 (11, 11)
	Min, Max	2, 16	2, 12	2, 8	11, 11	4, 11

TABLE 11 Reverse, SD=0, ME=0.5, est betas

		Linreg	MSS	LRSOE	MiniCov	Mini
Sensitivity	Mean (95% CI)	77.1% (75.5%, 78.7%)	76.3% (74.6%, 77.8%)	78.8% (77.2%, 80.3%)	93.6% (92.7%, 94.5%)	91.8% (90.7%, 92.8%)
Efficiency	Mean (95% CI)	59.8% (59.3%, 60.2%)	62.5% (62.1%, 63%)	57.3% (56.8%, 57.7%)	31.4% (31%, 31.8%)	43.3% (42.9%, 43.8%)
	Median (Q1, Q3)	61% (52%, 68%)	64.5% (56%, 70%)	59% (49.8%, 66%)	30% (20%, 41%)	43% (34%, 53%)
	Min, Max	19%, 79%	16%, 79%	12%, 79%	-10%, 80%	1%, 84%
Rounds	Mean (95% CI)	7.3 (7.1, 7.5)	5.4 (5.2, 5.6)	4.5 (4.4, 4.6)	11 (11, 11)	10.9 (10.9, 11)
	Median (Q1, Q3)	7 (5, 9)	5 (4, 7)	4 (4, 5)	11 (11, 11)	11 (11, 11)
	Min, Max	2, 15	2, 14	2, 8	11, 11	4, 11

TABLE 12 Reverse, SD=0, ME=0.75, est betas

		Linreg	MSS	LRSOE	MiniCov	Mini
Sensitivity	Mean (95% CI)	72.8% (71.1%, 74.5%)	71.6% (69.9%, 73.3%)	74.1% (72.4%, 75.7%)	91.4% (90.3%, 92.4%)	90.2% (89%, 91.3%)
Efficiency	Mean (95% CI)	58.5% (58%, 58.9%)	61.2% (60.7%, 61.6%)	56% (55.5%, 56.4%)	28.3% (27.9%, 28.7%)	39.7% (39.3%, 40.1%)
	Median (Q1, Q3)	59% (51%, 67%)	63% (55%, 70%)	58% (48%, 65.3%)	30% (20%, 40%)	40% (30%, 50%)
	Min, Max	14%, 79%	16%, 78%	10%, 78%	-10%, 70%	0%, 82%
Rounds	Mean (95% CI)	7.8 (7.6, 8)	5.7 (5.5, 5.9)	4.6 (4.5, 4.7)	11 (11, 11)	11 (10.9, 11)
	Median (Q1, Q3)	8 (6, 9)	6 (4, 7)	5 (4, 5)	11 (11, 11)	11 (11, 11)
	Min, Max	2, 17	2, 15	2, 8	11, 11	4, 11

TABLE 13 Reverse, SD=1.0, ME=0.05, est betas

		Linreg	MSS	LRSOE	MiniCov	Mini
Sensitivity	Mean (95% CI)	94.4% (93.4%, 95.2%)	93.4% (92.5%, 94.3%)	95% (94.2%, 95.8%)	98.9% (98.4%, 99.2%)	98.8% (98.3%, 99.1%)
Efficiency	Mean (95% CI)	63.4% (63%, 63.8%)	67.7% (67.3%, 68.1%)	61.7% (61.3%, 62.1%)	43.4% (42.9%, 43.8%)	55.6% (55.1%, 56%)
	Median (Q1, Q3)	65% (57%, 71%)	70% (63.7%, 73%)	64% (55%, 69%)	44% (32%, 53%)	56% (47.8%, 64%)
	Min, Max	27%, 80%	35%, 80%	22%, 80%	2%, 83%	17%, 87%
Rounds	Mean (95% CI)	6 (5.8, 6.2)	4.2 (4, 4.3)	4 (3.9, 4.1)	11 (10.9, 11)	10.6 (10.5, 10.7)
	Median (Q1, Q3)	6 (5, 7)	4 (3, 5)	4 (3, 5)	11 (11, 11)	11 (11, 11)
	Min, Max	1, 14	1, 11	1, 7	6, 11	3, 11

TABLE 14 Reverse, SD=1.0, ME=0.12, est betas

		Linreg	MSS	LRSOE	MiniCov	Mini
Sensitivity	Mean (95% CI)	91.3% (90.2%, 92.3%)	89.5% (88.3%, 90.6%)	91.9% (90.9%, 92.9%)	97.5% (96.9%, 98.1%)	97.2% (96.6%, 97.8%)
Efficiency	Mean (95% CI)	61.8% (61.4%, 62.3%)	65.8% (65.4%, 66.3%)	60.6% (60.1%, 61%)	41.6% (41.2%, 42.1%)	52.2% (51.8%, 52.6%)
	Median (Q1, Q3)	63% (55.8%, 70%)	68% (61.7%, 73%)	62% (54%, 69%)	41.5% (31%, 51%)	52% (44%, 62%)
	Min, Max	21%, 80%	31%, 80%	23%, 80%	2%, 80%	15%, 87%
Rounds	Mean (95% CI)	6.6 (6.4, 6.8)	4.6 (4.4, 4.8)	4.2 (4.1, 4.3)	11 (11, 11)	10.8 (10.7, 10.9)
	Median (Q1, Q3)	6 (5, 8)	4 (3, 6)	4 (3, 5)	11 (11, 11)	11 (11, 11)
	Min, Max	1, 15	1, 12	1, 7	7, 11	4, 11

TABLE 15 Reverse, SD=1.0, ME=0.25, est betas

		Linreg	MSS	LRSOE	MiniCov	Mini
Sensitivity						
	Mean (95% CI)	86.5% (85.2%, 87.7%)	84.6% (83.3%, 85.9%)	87.4% (86.2%, 88.6%)	95.1% (94.2%, 95.8%)	94.8% (94%, 95.6%)
Efficiency						
	Mean (95% CI)	60.3% (59.9%, 60.7%)	63.8% (63.4%, 64.2%)	59.2% (58.7%, 59.6%)	38.8% (38.4%, 39.2%)	47.6% (47.1%, 48%)
	Median (Q1, Q3)	62% (53%, 69%)	66% (58%, 72%)	61% (53%, 68%)	40% (30%, 50%)	48% (38%, 57%)
	Min, Max	15%, 80%	23%, 80%	16%, 80%	-1%, 80%	3%, 86%
Rounds						
	Mean (95% CI)	7.1 (6.9, 7.4)	5.1 (4.9, 5.3)	4.4 (4.3, 4.5)	11 (11, 11)	10.9 (10.8, 10.9)
	Median (Q1, Q3)	7 (5, 9)	5 (3, 6)	4 (4, 5)	11 (11, 11)	11 (11, 11)
	Min, Max	1, 18	1, 14	1, 7	11, 11	4, 11

TABLE 16 Reverse, SD=1.0, ME=0.5, est betas

		Linreg	MSS	LRSOE	MiniCov	Mini
Sensitivity						
	Mean (95% CI)	76% (74.5%, 77.4%)	74% (72.4%, 75.5%)	76.4% (74.9%, 77.9%)	89.2% (88.1%, 90.3%)	88.7% (87.6%, 89.8%)
Efficiency						
	Mean (95% CI)	58.3% (57.8%, 58.7%)	61% (60.6%, 61.4%)	57% (56.6%, 57.4%)	33.8% (33.4%, 34.2%)	42.2% (41.7%, 42.6%)
	Median (Q1, Q3)	60% (51%, 68%)	63% (54%, 70%)	59% (49%, 66%)	33% (23%, 43%)	42% (33%, 52%)
	Min, Max	13%, 80%	15%, 80%	19%, 80%	-2%, 80%	2%, 83%
Rounds						
	Mean (95% CI)	7.9 (7.6, 8.1)	5.7 (5.5, 5.9)	4.6 (4.5, 4.7)	11 (11, 11)	11 (10.9, 11)
	Median (Q1, Q3)	8 (6, 10)	6 (4, 7)	5 (4, 5)	11 (11, 11)	11 (11, 11)
	Min, Max	1, 18	1, 15	1, 7	11, 11	6, 11