Uganda results

TABLE 1 Uganda results: ME=0

		Linreg	MSS	LRSOE	MiniCov	Mini
Sensitivity	Mean (95% CI)	100% (95.3%, 100%)	100% (95.3%, 100%)	100% (95.3%, 100%)	100% (95.3%, 100%)	100% (95.3%, 100%)
Efficiency	Mean (95% CI)	76.8% (75.3%, 78.2%)	76.9% (75.5%, 78.4%)	76.5% (75.1%, 78%)	85.7% (84.4%, 86.8%)	76.8% (75.4%, 78.3%)
	Median (Q1, Q3)	77% (75%, 79%)	77% (76%, 79%)	76% (75%, 79%)	87% (84%, 88%)	77% (70%, 84%)
	Min, Max	71%, 80%	71%, 80%	70%, 80%	78%, 90%	61%, 90%
Rounds	Mean (95% CI)	2.6 (2.3, 2.9)	2.1 (1.8, 2.3)	1.9 (1.8, 2)	3.4 (2.7, 4.1)	7.8 (6.8, 8.9)
	Median (Q1, Q3)	3 (2, 3)	2 (2, 2)	2 (2, 2)	3 (2, 4)	9 (6, 10)
	Min, Max	1, 4	1, 4	1, 3	1, 9	1, 11

TABLE 2 Uganda results: ME=0.05

		Linreg	MSS	LRSOE	MiniCov	Mini
Sensitivity	Mean (95% CI)	96.1% (88.9%, 99.2%)	98.7% (92.9%, 100%)	97.4% (90.8%, 99.7%)	100% (95.3%, 100%)	100% (95.3%, 100%)
Efficiency	Mean (95% CI)	76.5% (75%, 77.9%)	76.3% (74.8%, 77.7%)	76.5% (75%, 78%)	79.1% (77.7%, 80.5%)	75.1% (73.6%, 76.6%)
	Median (Q1, Q3)	77% (76%, 79%)	76% (76%, 79%)	77% (75%, 79%)	80% (76%, 83%)	76% (70%, 80%)
	Min, Max	67%, 80%	65%, 80%	66%, 80%	64%, 90%	57%, 90%
Rounds	Mean (95% CI)	2.8 (2.4, 3.2)	2.2 (1.9, 2.5)	1.9 (1.8, 2.1)	8.2 (6.9, 9.5)	9.2 (8.2, 10.3)
	Median (Q1, Q3)	3 (2, 3)	2 (2, 2)	2 (2, 2)	11 (5, 11)	11 (8, 11)
	Min, Max	1, 5	1, 5	1, 3	1, 11	1, 11

TABLE 3 Uganda results: ME=0.12

		Linreg	MSS	LRSOE	MiniCov	Mini
Sensitivity	Mean (95% CI)	93.4% (85.3%, 97.8%)	94.7% (87.1%, 98.5%)	94.7% (87.1%, 98.5%)	100% (95.3%, 100%)	100% (95.3%, 100%)
Efficiency	Mean (95% CI)	76.4% (74.9%, 77.9%)	76.2% (74.8%, 77.7%)	76.7% (75.2%, 78.1%)	75.1% (73.5%, 76.5%)	72.5% (71%, 74%)
	Median (Q1, Q3)	77% (75%, 79%)	76% (76%, 79%)	77% (75%, 79%)	79% (68%, 81%)	73% (64%, 80%)
	Min, Max	67%, 80%	65%, 80%	66%, 80%	54%, 90%	52%, 90%
Rounds	Mean (95% CI)	2.9 (2.5, 3.4)	2.2 (1.9, 2.5)	1.9 (1.8, 2.1)	9 (7.8, 10.3)	9.7 (8.7, 10.6)
	Median (Q1, Q3)	3 (2, 4)	2 (2, 2)	2 (2, 2)	11 (8, 11)	11 (11, 11)
	Min, Max	1, 5	1, 5	1, 3	1, 11	1, 11

TABLE 4 Uganda results: ME=0.25

		Linreg	MSS	LRSOE	MiniCov	Mini
Sensitivity	Mean (95% CI)	84.2% (74%, 91.6%)	86.8% (77.1%, 93.5%)	89.5% (80.3%, 95.3%)	100% (95.3%, 100%)	100% (95.3%, 100%)
Efficiency	Mean (95% CI)	76.7% (75.2%, 78.2%)	76.5% (75%, 78%)	76.8% (75.3%, 78.2%)	71.8% (70.3%, 73.4%)	70.6% (69%, 72.1%)
	Median (Q1, Q3)	78% (76%, 79%)	77% (75%, 79%)	77% (75%, 79%)	73% (65%, 80%)	72% (63%, 80%)
	Min, Max	67%, 80%	65%, 80%	66%, 80%	48%, 90%	49%, 90%
Rounds	Mean (95% CI)	2.9 (2.4, 3.4)	2.2 (1.9, 2.4)	1.9 (1.8, 2.1)	9.8 (8.8, 10.8)	10.1 (9.2, 10.9)
	Median (Q1, Q3)	2 (2, 4)	2 (2, 2)	2 (2, 2)	11 (11, 11)	11 (11, 11)
	Min, Max	1, 6	1, 5	1, 3	1, 11	1, 11

TABLE 5 Uganda results: ME=0.5

		Linreg	MSS	LRSOE	MiniCov	Mini
Sensitivity	Mean (95% CI)	73.7% (62.3%, 83.1%)	76.3% (65.2%, 85.3%)	77.6% (66.6%, 86.4%)	100% (95.3%, 100%)	100% (95.3%, 100%)
Efficiency	Mean (95% CI)	77.2% (75.7%, 78.6%)	77% (75.6%, 78.5%)	77.3% (75.8%, 78.7%)	68.4% (66.7%, 69.9%)	68.2% (66.6%, 69.8%)
	Median (Q1, Q3)	79% (76%, 79%)	78% (75%, 79%)	78% (76%, 79%)	70% (60%, 80%)	70% (60%, 80%)
	Min, Max	67%, 80%	71%, 80%	72%, 80%	44%, 90%	44%, 90%
Rounds	Mean (95% CI)	2.7 (2.1, 3.2)	2 (1.8, 2.2)	1.9 (1.7, 2)	10.5 (9.9, 11.2)	10.5 (9.9, 11.2)
	Median (Q1, Q3)	2 (2, 4)	2 (2, 2)	2 (2, 2)	11 (11, 11)	11 (11, 11)
	Min, Max	1, 6	1, 4	1, 3	1, 11	1, 11

TABLE 6 Uganda results: ME=0.75

		Linreg	MSS	LRSOE	MiniCov	Mini
Sensitivity	Mean (95% CI)	63.2% (51.3%, 73.9%)	65.8% (54%, 76.3%)	67.1% (55.4%, 77.5%)	100% (95.3%, 100%)	100% (95.3%, 100%)
Efficiency	Mean (95% CI)	77.8% (76.3%, 79.2%)	77.2% (75.8%, 78.7%)	77.5% (76.1%, 78.9%)	66.5% (64.8%, 68.1%)	66.5% (64.8%, 68.1%)
	Median (Q1, Q3)	79% (77%, 79%)	78% (75%, 79%)	79% (76%, 79%)	70% (60%, 80%)	70% (60%, 80%)
	Min, Max	72%, 80%	72%, 80%	73%, 80%	40%, 90%	40%, 90%
Rounds	Mean (95% CI)	2.3 (1.9, 2.8)	1.9 (1.7, 2.1)	1.8 (1.7, 2)	10.7 (10, 11.3)	10.7 (10, 11.3)
	Median (Q1, Q3)	2 (2, 2)	2 (2, 2)	2 (2, 2)	11 (11, 11)	11 (11, 11)
	Min, Max	1, 5	1, 3	1, 3	1, 11	1, 11

TABLE 7 Uganda results - Hypred mid tier: ME=0

		Linreg	MSS	LRSOE	MiniPred	Mini.alg
Sensitivity	Mean (95% CI)	100% (66.4%, 100%)	100% (66.4%, 100%)	100% (66.4%, 100%)	100% (66.4%, 100%)	100% (66.4%, 100%)
Efficiency	Mean (95% CI)	79% (76.3%, 81.5%)	78.8% (76.1%, 81.3%)	79% (76.3%, 81.5%)	86.2% (83.9%, 88.3%)	86.4% (84.1%, 88.5%)
	Median (Q1, Q3)	79% (79%, 79%)	79% (79%, 79%)	79% (79%, 79%)	86% (85.2%, 88.5%)	88% (83.5%, 89%)
	Min, Max	77%, 80%	76%, 80%	77%, 80%	79%, 90%	80%, 90%
Rounds	Mean (95% CI)	1.9 (1.5, 2.3)	1.8 (1.5, 2.1)	1.8 (1.5, 2.1)	4.5 (2.5, 6.5)	4.3 (1.8, 6.8)
	Median (Q1, Q3)	2 (2, 2)	2 (2, 2)	2 (2, 2)	5 (2.5, 5)	3 (2, 5.75)
	Min, Max	1, 3	1, 2	1, 2	1, 10	1, 11

TABLE 8 Uganda results - Hypred mid tier: ME=0.05

		Linreg	MSS	LRSOE	MiniPred	Mini.alg
Sensitivity	Mean (95% CI)	100% (66.4%, 100%)	100% (66.4%, 100%)	100% (66.4%, 100%)	100% (66.4%, 100%)	100% (66.4%, 100%)
Efficiency	Mean (95% CI)	79.1% (76.4%, 81.6%)	79% (76.3%, 81.5%)	79.1% (76.4%, 81.6%)	84.2% (81.8%, 86.4%)	83.5% (81.1%, 85.7%)
	Median (Q1, Q3)	79% (79%, 79%)	79% (79%, 79%)	79% (79%, 79%)	84.5% (80%, 87.5%)	82.5% (80%, 85.8%)
	Min, Max	78%, 80%	78%, 80%	78%, 80%	80%, 90%	80%, 90%
Rounds	Mean (95% CI)	1.9 (1.5, 2.3)	1.8 (1.5, 2.1)	1.8 (1.5, 2.1)	6.6 (3.6, 9.6)	7.3 (4.6, 10)
	Median (Q1, Q3)	2 (2, 2)	2 (2, 2)	2 (2, 2)	6.5 (3, 11)	7.5 (5.25, 11)
	Min, Max	1, 3	1, 2	1, 2	1, 11	1, 11

TABLE 9 Uganda results - Hypred mid tier: ME=0.12

		Linreg	MSS	LRSOE	MiniPred	Mini.alg
Sensitivity	Mean (95% CI)	100% (66.4%, 100%)	100% (66.4%, 100%)	100% (66.4%, 100%)	100% (66.4%, 100%)	100% (66.4%, 100%)
Efficiency	Mean (95% CI)	79.1% (76.4%, 81.6%)	79% (76.3%, 81.5%)	79.1% (76.4%, 81.6%)	83% (80.5%, 85.3%)	82.1% (79.6%, 84.4%)
	Median (Q1, Q3)	79% (79%, 79%)	79% (79%, 79%)	79% (79%, 79%)	80% (80%, 86.5%)	80% (80%, 82.5%)
	Min, Max	78%, 80%	78%, 80%	78%, 80%	80%, 90%	80%, 90%
Rounds	Mean (95% CI)	1.9 (1.5, 2.3)	1.8 (1.5, 2.1)	1.8 (1.5, 2.1)	7.8 (4.8, 10.8)	8.6 (6, 11.2)
	Median (Q1, Q3)	2 (2, 2)	2 (2, 2)	2 (2, 2)	11 (4, 11)	11 (7.25, 11)
	Min, Max	1, 3	1, 2	1, 2	1, 11	1, 11

TABLE 10 Uganda results - Hypred mid tier: ME=0.25

		Linreg	MSS	LRSOE	MiniPred	Mini.alg
Sensitivity	Mean (95% CI)	77.8% (40%, 97.2%)	77.8% (40%, 97.2%)	77.8% (40%, 97.2%)	100% (66.4%, 100%)	100% (66.4%, 100%)
Efficiency	Mean (95% CI)	79.3% (76.7%, 81.8%)	79.22% (76.6%, 81.7%)	79.3% (76.7%, 81.8%)	82.3% (79.8%, 84.6%)	81.6% (79.1%, 84%)
	Median (Q1, Q3)	79% (79%, 79.8%)	79% (79%, 79.8%)	79% (79%, 79.8%)	80% (80%, 84.2%)	80% (80%, 82.2%)
	Min, Max	79%, 80%	78%, 80%	79%, 80%	80%, 90%	78%, 90%
Rounds	Mean (95% CI)	1.7 (1.4, 2)	1.7 (1.4, 2)	1.7 (1.4, 2)	8.4 (5.8, 11)	8.8 (6.4, 11.2)
	Median (Q1, Q3)	2 (1.25, 2)	2 (1.25, 2)	2 (1.25, 2)	11 (6, 11)	11 (7.25, 11)
	Min, Max	1, 2	1, 2	1, 2	1, 11	1, 11

TABLE 11 Uganda results - Hypred mid tier: ME=0.5

		Linreg	MSS	LRSOE	MiniPred	Mini.alg
Sensitivity	Mean (95% CI)	55.6% (21.2%, 86.3%)	55.6% (21.2%, 86.3%)	55.6% (21.2%, 86.3%)	100% (66.4%, 100%)	100% (66.4%, 100%)
Efficiency	Mean (95% CI)	79.5% (76.9%, 82%)	79.5% (76.9%, 82%)	79.5% (76.9%, 82%)	81% (78.4%, 83.4%)	80.1% (77.5%, 82.5%)
	Median (Q1, Q3)	79.5% (79%, 80%)	79.5% (79%, 80%)	79.5% (79%, 80%)	80% (80%, 80%)	80% (80%, 80%)
	Min, Max	79%, 80%	79%, 80%	79%, 80%	75%, 90%	70%, 90%
Rounds	Mean (95% CI)	1.5 (1.1, 1.9)	1.5 (1.1, 1.9)	1.5 (1.1, 1.9)	9.5 (7.1, 11.9)	9.9 (7.7, 12.1)
	Median (Q1, Q3)	1.5 (1, 2)	1.5 (1, 2)	1.5 (1, 2)	11 (11, 11)	11 (11, 11)
	Min, Max	1, 2	1, 2	1, 2	1, 11	1, 11

TABLE 12 Uganda results - Hypred mid tier: ME=0.75

		Linreg	MSS	LRSOE	MiniPred	Mini.alg
Sensitivity	Mean (95% CI)	55.6% (21.2%, 86.3%)	55.6% (21.2%, 86.3%)	55.6% (21.2%, 86.3%)	100% (66.4%, 100%)	100% (66.4%, 100%)
Efficiency	Mean (95% CI)	79.5% (76.9%, 82%)	79.5% (76.9%, 82%)	79.5% (76.9%, 82%)	80% (77.4%, 82.4%)	80% (77.4%, 82.4%)
	Median (Q1, Q3)	79.5% (79%, 80%)	79.5% (79%, 80%)	79.5% (79%, 80%)	80% (80%, 80%)	80% (80%, 80%)
	Min, Max	79%, 80%	79%, 80%	79%, 80%	70%, 90%	70%, 90%
Rounds	Mean (95% CI)	1.5 (1.1, 1.9)	1.5 (1.1, 1.9)	1.5 (1.1, 1.9)	10 (7.7, 12.3)	10 (7.7, 12.3)
	Median (Q1, Q3)	1.5 (1, 2)	1.5 (1, 2)	1.5 (1, 2)	11 (11, 11)	11 (11, 11)
	Min, Max	1, 2	1, 2	1, 2	1, 11	1, 11

TABLE 13 Uganda results - Hypred low tier: ME=0

		Linreg	MSS	LRSOE	MiniPred	Mini.alg
Sensitivity	Mean (95% CI)	100% (59%, 100%)	100% (59%, 100%)	100% (59%, 100%)	100% (59%, 100%)	100% (59%, 100%)
Efficiency	Mean (95% CI)	79.7% (77.8%, 81.4%)	79.7% (77.8%, 81.4%)	79.7% (77.8%, 81.4%)	88.4% (87%, 89.8%)	87.8% (86.3%, 89.2%)
	Median (Q1, Q3)	80% (79%, 80%)	80% (79%, 80%)	80% (79%, 80%)	90% (88%, 90%)	90% (85%, 90%)
	Min, Max	79%, 80%	79%, 80%	79%, 80%	82%, 90%	81%, 90%
Rounds	Mean (95% CI)	1.4 (1.1, 1.6)	1.4 (1.1, 1.6)	1.4 (1.1, 1.6)	2.5 (1.4, 3.7)	3.2 (1.6, 4.8)
	Median (Q1, Q3)	1 (1, 2)	1 (1, 2)	1 (1, 2)	1 (1, 3)	1 (1, 6)
	Min, Max	1, 2	1, 2	1, 2	1, 9	1, 10

TABLE 14 Uganda results - Hypred low tier: ME=0.05

		Linreg	MSS	LRSOE	MiniPred	Mini.alg
Sensitivity	Mean (95% CI)	85.7% (42.1%, 99.6%)	85.7% (42.1%, 99.6%)	85.7% (42.1%, 99.6%)	100% (59%, 100%)	100% (59%, 100%)
Efficiency	Mean (95% CI)	79.7% (77.8%, 81.4%)	79.6% (77.8%, 81.3%)	79.7% (77.8%, 81.4%)	88.1% (86.6%, 89.5%)	87.5% (86%, 88.9%)
	Median (Q1, Q3)	80% (79.8%, 80%)	80% (79.8%, 80%)	80% (79.8%, 80%)	90% (87%, 90%)	90% (86%, 90%)
	Min, Max	77%, 80%	76%, 80%	77%, 80%	80%, 90%	78%, 90%
Rounds	Mean (95% CI)	1.3 (1, 1.6)	1.2 (1, 1.5)	1.2 (1, 1.5)	2.8 (1.3, 4.3)	3.2 (1.5, 4.9)
	Median (Q1, Q3)	1 (1, 1.25)	1 (1, 1.25)	1 (1, 1.25)	1 (1, 3.25)	1 (1, 5)
	Min, Max	1, 3	1, 2	1, 2	1, 11	1, 11

TABLE 15 Uganda results - Hypred low tier: ME=0.12

		Linreg	MSS	LRSOE	MiniPred	Mini.alg
Sensitivity	Mean (95% CI)	85.7% (42.1%, 99.6%)	85.7% (42.1%, 99.6%)	85.7% (42.1%, 99.6%)	100% (59%, 100%)	100% (59%, 100%)
Efficiency	Mean (95% CI)	79.7% (77.8%, 81.4%)	79.6% (77.8%, 81.3%)	79.7% (77.8%, 81.4%)	88% (86.5%, 89.4%)	87.4% (85.9%, 88.8%)
	Median (Q1, Q3)	80% (79.8%, 80%)	80% (79.8%, 80%)	80% (79.8%, 80%)	90% (87%, 90%)	90% (86%, 90%)
	Min, Max	77%, 80%	76%, 80%	77%, 80%	80%, 90%	78%, 90%
Rounds	Mean (95% CI)	1.3 (1, 1.6)	1.2 (1, 1.5)	1.2 (1, 1.5)	2.8 (1.3, 4.4)	3.3 (1.6, 5)
	Median (Q1, Q3)	1 (1, 1.25)	1 (1, 1.25)	1 (1, 1.25)	1 (1, 3.25)	1 (1, 5)
	Min, Max	1, 3	1, 2	1, 2	1, 11	1, 11

TABLE 16 Uganda results - Hypred low tier: ME=0.25

		Linreg	MSS	LRSOE	MiniPred	Mini.alg
Sensitivity	Mean (95% CI)	71.4% (29%, 96.3%)	71.4% (29%, 96.3%)	71.4% (29%, 96.3%)	100% (59%, 100%)	100% (59%, 100%)
Efficiency	Mean (95% CI)	79.7% (77.9%, 81.4%)	79.7% (77.8%, 81.4%)	79.7% (77.9%, 81.4%)	86.8% (85.2%, 88.3%)	86.9% (85.3%, 88.3%)
	Median (Q1, Q3)	80% (80%, 80%)	80% (80%, 80%)	80% (80%, 80%)	90% (82%, 90%)	90% (86%, 90%)
	Min, Max	77%, 80%	76%, 80%	77%, 80%	77%, 90%	73%, 90%
Rounds	Mean (95% CI)	1.2 (1, 1.5)	1.2 (1, 1.4)	1.2 (1, 1.4)	3.9 (2, 5.8)	3.7 (1.8, 5.6)
	Median (Q1, Q3)	1 (1, 1)	1 (1, 1)	1 (1, 1)	1 (1, 6.75)	1 (1, 5)
	Min, Max	1, 3	1, 2	1, 2	1, 11	1, 11

TABLE 17 Uganda results - Hypred low tier: ME=0.5

		Linreg	MSS	LRSOE	MiniPred	Mini.alg
Sensitivity	Mean (95% CI)	42.9% (9.9%, 81.6%)	42.9% (9.9%, 81.6%)	42.9% (9.9%, 81.6%)	100% (59%, 100%)	100% (59%, 100%)
Efficiency	Mean (95% CI)	79.8% (78%, 81.6%)	79.8% (78%, 81.5%)	79.8% (78%, 81.6%)	85.5% (83.8%, 87%)	85.9% (84.2%, 87.3%)
	Median (Q1, Q3)	80% (80%, 80%)	80% (80%, 80%)	80% (80%, 80%)	90% (80%, 90%)	90% (80.8%, 90%)
	Min, Max	79%, 80%	78%, 80%	79%, 80%	70%, 90%	70%, 90%
Rounds	Mean (95% CI)	1.1 (1, 1.3)	1.1 (1, 1.3)	1.1 (1, 1.3)	4.8 (2.6, 7)	4.5 (2.4, 6.7)
	Median (Q1, Q3)	1 (1, 1)	1 (1, 1)	1 (1, 1)	1 (1, 10.25)	1 (1, 10.25)
	Min, Max	1, 2	1, 2	1, 2	1, 11	1, 11

TABLE 18 Uganda results - Hypred low tier: ME=0.75

		Linreg	MSS	LRSOE	MiniPred	Mini.alg
Sensitivity	Mean (95% CI)	14.3% (0.4%, 57.9%)	14.3% (0.4%, 57.9%)	14.3% (0.4%, 57.9%)	100% (59%, 100%)	100% (59%, 100%)
Efficiency	Mean (95% CI)	80% (78.1%, 81.7%)	80% (78.1%, 81.7%)	80% (78.1%, 81.7%)	85% (83.4%, 86.6%)	85% (83.4%, 86.6%)
	Median (Q1, Q3)	80% (80%, 80%)	80% (80%, 80%)	80% (80%, 80%)	90% (80%, 90%)	90% (80%, 90%)
	Min, Max	79%, 80%	79%, 80%	79%, 80%	70%, 90%	70%, 90%
Rounds	Mean (95% CI)	1.1 (0.9, 1.2)	1.1 (0.9, 1.2)	1.1 (0.9, 1.2)	5 (2.6, 7.3)	5 (2.6, 7.3)
	Median (Q1, Q3)	1 (1, 1)	1 (1, 1)	1 (1, 1)	1 (1, 11)	1 (1, 11)
	Min, Max	1, 2	1, 2	1, 2	1, 11	1, 11