

These are the Uganda results. Results are presented in order of increasing ME. There is no ME on individual tests, because we have the observed VL information already. The ME is applied to the row and column pool averages.

**TABLE 1** Uganda results: ME=0

	Linreg	MSS	LRSOE	MiniCov	Mini
Sensitivity	100% (96.5%, 100%)	100% (96.5%, 100%)	100% (96.5%, 100%)	100% (96.5%, 100%)	100% (96.5%, 100%)
Efficiency	76% (74.5%, 77.4%)	75.5% (74%, 76.9%)	75.4% (74%, 76.8%)	84.6% (83.4%, 85.8%)	72.8% (71.3%, 74.2%)
	76% (74.8%, 78%)	76% (74%, 77%)	75.5% (74%, 77.2%)	86% (82%, 87%)	72% (69%, 80%)
	67%, 80%	66%, 80%	65%, 80%	73%, 90%	50%, 90%
Rounds	2.9 (2.6, 3.3)	2.4 (2.1, 2.6)	2.1 (1.9, 2.2)	3.7 (3, 4.5)	8.8 (7.8, 9.8)
	3 (2, 3.25)	2 (2, 3)	2 (2, 2)	3 (2, 5)	10 (8, 11)
	1, 5	1, 4	1, 3	1, 9	1, 11

**TABLE 2** Uganda results: ME=0.05

	Linreg	MSS	LRSOE	MiniCov	Mini
Sensitivity	95.2% (89.1%, 98.4%)	94.2% (87.9%, 97.9%)	96.2% (90.4%, 98.9%)	100% (96.5%, 100%)	100% (96.5%, 100%)
Efficiency	75.9% (74.4%, 77.3%)	75% (73.5%, 76.4%)	75.6% (74.1%, 77%)	76.3% (74.9%, 77.7%)	69.9% (68.4%, 71.4%)
	77% (74%, 78.2%)	76% (74%, 77.2%)	76% (74%, 78%)	76% (69.7%, 85%)	70.5% (62.8%, 77.5%)
	65%, 80%	62%, 80%	66%, 80%	52%, 90%	44%, 90%
Rounds	3 (2.6, 3.4)	2.4 (2.1, 2.8)	2.1 (1.9, 2.2)	8 (6.7, 9.3)	9.6 (8.6, 10.5)
	3 (2, 3)	2 (2, 3)	2 (2, 2)	11 (5, 11)	11 (9.75, 11)
	1, 7	1, 5	1, 3	1, 11	1, 11

**TABLE 3** Uganda results: ME=0.12

	<b>Linreg</b>	<b>MSS</b>	<b>LRSOE</b>	<b>MiniCov</b>	<b>Mini</b>
Sensitivity	90.4% (83%, 95.3%)	90.4% (83%, 95.3%)	93.3% (86.6%, 97.3%)	100% (96.5%, 100%)	100% (96.5%, 100%)
Efficiency	76% (74.5%, 77.4%)	75.1% (73.6%, 76.5%)	75.7% (74.3%, 77.1%)	71% (69.5%, 72.5%)	66.7% (65.2%, 68.3%)
	77% (74%, 78.2%)	75.5% (74.8%, 77.2%)	76% (74%, 78%)	73% (66.8%, 78.2%)	69.5% (59.5%, 76.2%)
	63%, 80%	62%, 80%	66%, 80%	42%, 90%	39%, 90%
Rounds	3.1 (2.6, 3.6)	2.4 (2, 2.7)	2 (1.9, 2.2)	9.7 (8.6, 10.8)	10.2 (9.4, 11)
	3 (2, 4)	2 (2, 3)	2 (2, 2)	11 (11, 11)	11 (11, 11)
	1, 9	1, 5	1, 3	1, 11	1, 11

**TABLE 4** Uganda results: ME=0.25

	<b>Linreg</b>	<b>MSS</b>	<b>LRSOE</b>	<b>MiniCov</b>	<b>Mini</b>
Sensitivity	82.7% (74%, 89.4%)	85.6% (77.3%, 91.7%)	87.5% (79.6%, 93.2%)	100% (96.5%, 100%)	100% (96.5%, 100%)
Efficiency	75.8% (74.3%, 77.2%)	75.1% (73.7%, 76.5%)	75.8% (74.4%, 77.2%)	68% (66.4%, 69.5%)	64.8% (63.2%, 66.3%)
	76% (74.5%, 79%)	76% (73.8%, 77.2%)	77% (74.8%, 78.2%)	69% (60%, 76.8%)	65.5% (58.2%, 75.2%)
	62%, 80%	62%, 80%	65%, 80%	35%, 90%	35%, 90%
Rounds	3.3 (2.7, 3.8)	2.3 (2, 2.7)	2 (1.8, 2.2)	9.9 (8.9, 10.9)	10.2 (9.4, 11)
	3.5 (2, 4)	2 (2, 3)	2 (2, 2)	11 (11, 11)	11 (11, 11)
	1, 8	1, 5	1, 3	1, 11	1, 11

TABLE 5 Uganda results: ME=0.5

	Linreg	MSS	LRSOE	MiniCov	Mini
Sensitivity	73.1% (63.5%, 81.3%)	73.1% (63.5%, 81.3%)	76.9% (67.6%, 84.6%)	100% (96.5%, 100%)	100% (96.5%, 100%)
Efficiency	76.4% (75%, 77.8%)	75.8% (74.3%, 77.1%)	76.2% (74.8%, 77.6%)	62.7% (61.1%, 64.3%)	62.2% (60.6%, 63.8%)
	77% (75%, 79%)	76% (74.8%, 78%)	77% (75%, 79%)	61% (55.5%, 70.5%)	61% (53%, 70.5%)
	66%, 80%	64%, 80%	66%, 80%	30%, 90%	30%, 90%
Rounds	3.1 (2.5, 3.7)	2.2 (1.9, 2.4)	1.9 (1.8, 2.1)	10.2 (9.4, 11.1)	10.2 (9.4, 11.1)
	2.5 (2, 4)	2 (2, 2.25)	2 (2, 2)	11 (11, 11)	11 (11, 11)
	1, 7	1, 5	1, 3	1, 11	1, 11

TABLE 6 Uganda results: ME=0.75

	Linreg	MSS	LRSOE	MiniCov	Mini
Sensitivity	67.3% (57.4%, 76.2%)	66.3% (56.4%, 75.3%)	70.2% (60.4%, 78.8%)	100% (96.5%, 100%)	100% (96.5%, 100%)
Efficiency	76.6% (75.2%, 78%)	76.1% (74.7%, 77.5%)	76.5% (75.1%, 77.9%)	60.4% (58.8%, 62%)	60.4% (58.7%, 62%)
	78% (74.8%, 79%)	76% (75%, 78%)	77% (75%, 79%)	60% (50%, 70%)	60% (50%, 70%)
	66%, 80%	71%, 80%	70%, 80%	30%, 90%	30%, 90%
Rounds	3.1 (2.5, 3.6)	2.1 (1.9, 2.3)	1.9 (1.8, 2)	10.4 (9.7, 11.2)	10.4 (9.7, 11.2)
	2 (2, 4)	2 (2, 2)	2 (2, 2)	11 (11, 11)	11 (11, 11)
	1, 7	1, 3	1, 3	1, 11	1, 11

