This page presents all results from the low tier of the Hypred in the AGAIG scenario. Included are the results for each of the 8 different combinations of SD and ME using betas estimated from a training set of 5,000 obs. Only the random matrix fill method is shown.

TABLE 1 Hypred low Tier, AGAIG, SD=0 ME=0, est betas

		Linreg	**MSS**	**LRSOE**	**MiniCov**	**Mini**
Sensitivity						
	Mean (95% CI)	NaN% (0%, 100%)	NaN% (0%, 100%)	NaN% (0%, 100%)	NaN% (0%, 100%)	NaN% (0%, 100%)
Efficiency						
	Mean (95% CI)	80% (79.5%, 80.5%)	80% (79.5%, 80.5%)	80% (79.5%, 80.5%)	90% (89.7%, 90.3%)	90% (89.7%, 90.3%)
	Median (Q1, Q3)	80% (80%, 80%)	80% (80%, 80%)	80% (80%, 80%)	90% (90%, 90%)	90% (90%, 90%)
	Min, Max	80%, 80%	80%, 80%	80%, 80%	90%, 90%	90%, 90%
Rounds						
	Mean (95% CI)	1 (1, 1)	1 (1, 1)	1 (1, 1)	1 (1, 1)	1 (1, 1)
	Median (Q1, Q3)	1 (1, 1)	1 (1, 1)	1 (1, 1)	1 (1, 1)	1 (1, 1)
	Min, Max	1, 1	1, 1	1, 1	1, 1	1, 1

TABLE 2 Hypred low Tier, AGAIG, SD=0 ME=0.25, est betas

		Linreg	**MSS**	**LRSOE**	**MiniCov**	**Mini**
Sensitivity						
	Mean (95% CI)	NaN% (0%, 100%)	NaN% (0%, 100%)	NaN% (0%, 100%)	NaN% (0%, 100%)	NaN% (0%, 100%)
Efficiency						
	Mean (95% CI)	80% (79.5%, 80.5%)	80% (79.5%, 80.5%)	80% (79.5%, 80.5%)	90% (89.7%, 90.3%)	90% (89.7%, 90.3%)
	Median (Q1, Q3)	80% (80%, 80%)	80% (80%, 80%)	80% (80%, 80%)	90% (90%, 90%)	90% (90%, 90%)
	Min, Max	80%, 80%	80%, 80%	80%, 80%	90%, 90%	90%, 90%
Rounds						
	Mean (95% CI)	1 (1, 1)	1 (1, 1)	1 (1, 1)	1 (1, 1)	1 (1, 1)
	Median (Q1, Q3)	1 (1, 1)	1 (1, 1)	1 (1, 1)	1 (1, 1)	1 (1, 1)
	Min, Max	1, 1	1, 1	1, 1	1, 1	1, 1

TABLE 3 Hypred low Tier, AGAIG, SD=0 ME=0.5, est betas

		Linreg	MSS	LRSOE	MiniCov	Mini
Sensitivity						
	Mean (95% CI)	NaN% (0%, 100%)	NaN% (0%, 100%)	NaN% (0%, 100%)	NaN% (0%, 100%)	NaN% (0%, 100%)
Efficiency						
	Mean (95% CI)	80% (79.5%, 80.5%)	80% (79.5%, 80.5%)	80% (79.5%, 80.5%)	90% (89.7%, 90.3%)	90% (89.7%, 90.3%)
	Median (Q1, Q3)	80% (80%, 80%)	80% (80%, 80%)	80% (80%, 80%)	90% (90%, 90%)	90% (90%, 90%)
	Min, Max	80%, 80%	80%, 80%	80%, 80%	90%, 90%	90%, 90%
Rounds						
	Mean (95% CI)	1 (1, 1)	1 (1, 1)	1 (1, 1)	1 (1, 1)	1 (1, 1)
	Median (Q1, Q3)	1 (1, 1)	1 (1, 1)	1 (1, 1)	1 (1, 1)	1 (1, 1)
	Min, Max	1, 1	1, 1	1, 1	1, 1	1, 1

TABLE 4 Hypred low Tier, AGAIG, SD=0 ME=0.75, est betas

		Linreg	MSS	LRSOE	MiniCov	Mini
Sensitivity						
	Mean (95% CI)	NaN% (0%, 100%)	NaN% (0%, 100%)	NaN% (0%, 100%)	NaN% (0%, 100%)	NaN% (0%, 100%)
Efficiency						
	Mean (95% CI)	80% (79.5%, 80.5%)	80% (79.5%, 80.5%)	80% (79.5%, 80.5%)	90% (89.7%, 90.3%)	90% (89.7%, 90.3%)
	Median (Q1, Q3)	80% (80%, 80%)	80% (80%, 80%)	80% (80%, 80%)	90% (90%, 90%)	90% (90%, 90%)
	Min, Max	80%, 80%	80%, 80%	80%, 80%	90%, 90%	90%, 90%
Rounds						
	Mean (95% CI)	1 (1, 1)	1 (1, 1)	1 (1, 1)	1 (1, 1)	1 (1, 1)
	Median (Q1, Q3)	1 (1, 1)	1 (1, 1)	1 (1, 1)	1 (1, 1)	1 (1, 1)
	Min, Max	1, 1	1, 1	1, 1	1, 1	1, 1

TABLE 5 Hypred low Tier, AGAIG, SD=1 ME=0.05, est betas

		Linreg	MSS	LRSOE	MiniCov	Mini
Sensitivity						
	Mean (95% CI)	88.8% (84.5%, 92.3%)	90.7% (86.6%, 93.9%)	91.4% (87.4%, 94.5%)	97.8% (95.2%, 99.2%)	97.4% (94.7%, 98.9%)
Efficiency						
	Mean (95% CI)	78.8% (78.3%, 79.3%)	78.5% (78.1%, 79%)	78.7% (78.2%, 79.1%)	83.8% (83.3%, 84.2%)	83.2% (82.8%, 83.6%)
	Median (Q1, Q3)	79% (79%, 80%)	79% (78%, 80%)	79% (78%, 80%)	85% (80%, 90%)	85% (80%, 90%)
	Min, Max	69%, 80%	72%, 80%	68%, 80%	62%, 90%	59%, 90%
Rounds						
	Mean (95% CI)	1.9 (1.8, 2)	1.7 (1.6, 1.7)	1.7 (1.6, 1.7)	5.4 (5, 5.9)	5.8 (5.4, 6.2)
	Median (Q1, Q3)	2 (1, 2)	2 (1, 2)	2 (1, 2)	5 (1, 9)	6 (1, 9)
	Min, Max	1, 5	1, 3	1, 3	1, 11	1, 11

TABLE 6 Hypred low Tier, AGAIG, SD=1 ME=0.12, est betas

		Linreg	MSS	LRSOE	MiniCov	Mini
Sensitivity						
	Mean (95% CI)	83.8% (78.8%, 87.9%)	86.3% (81.7%, 90.2%)	87.5% (82.9%, 91.2%)	95.9% (92.9%, 98%)	97.4% (94.8%, 99%)
Efficiency						
	Mean (95% CI)	78.8% (78.3%, 79.2%)	78.4% (78%, 78.9%)	78.6% (78.1%, 79.1%)	82.8% (82.3%, 83.2%)	82% (81.6%, 82.5%)
	Median (Q1, Q3)	79% (79%, 80%)	79% (78%, 80%)	79% (78%, 80%)	84% (78.8%, 89%)	83% (77.8%, 89%)
	Min, Max	69%, 80%	68%, 80%	68%, 80%	62%, 90%	58%, 90%
Rounds						
	Mean (95% CI)	1.9 (1.8, 2)	1.7 (1.6, 1.7)	1.7 (1.6, 1.7)	6 (5.6, 6.5)	6.3 (5.9, 6.8)
	Median (Q1, Q3)	2 (1, 2)	2 (1, 2)	2 (1, 2)	6 (2, 10)	7 (2, 10)
	Min, Max	1, 5	1, 5	1, 4	1, 11	1, 11

TABLE 7 Hypred low Tier, AGAIG, SD=1 ME=0.25, est betas

		Linreg	MSS	LRSOE	MiniCov	Mini
Sensitivity						
	Mean (95% CI)	67.6% (62.1%, 72.8%)	71.2% (65.8%, 76.2%)	71.2% (65.8%, 76.2%)	83.8% (79.2%, 87.7%)	84.8% (80.3%, 88.6%)
Efficiency						
	Mean (95% CI)	78.7% (78.2%, 79.1%)	78.3% (77.8%, 78.7%)	78.5% (78%, 79%)	80.4% (79.9%, 80.8%)	79.8% (79.3%, 80.2%)
	Median (Q1, Q3)	79% (79%, 80%)	79% (77%, 80%)	79% (78%, 80%)	81% (75%, 88%)	81% (73.8%, 87%)
	Min, Max	67%, 80%	68%, 80%	67%, 80%	46%, 90%	49%, 90%
Rounds						
	Mean (95% CI)	1.9 (1.8, 2.1)	1.7 (1.6, 1.7)	1.7 (1.6, 1.8)	7.1 (6.6, 7.5)	7.2 (6.7, 7.6)
	Median (Q1, Q3)	2 (1, 2)	2 (1, 2)	2 (1, 2)	8 (3, 11)	8 (4, 11)
	Min, Max	1, 7	1, 5	1, 5	1, 11	1, 11

TABLE 8 Hypred low Tier, AGAIG, SD=1 ME=0.5, est betas

		Linreg	MSS	LRSOE	MiniCov	Mini
Sensitivity						
	Mean (95% CI)	38.1% (33.7%, 42.5%)	40.5% (36.1%, 45%)	40.7% (36.3%, 45.3%)	64% (59.5%, 68.3%)	64.8% (60.4%, 69.1%)
Efficiency						
	Mean (95% CI)	78.5% (78.1%, 79%)	77.9% (77.4%, 78.4%)	78.1% (77.6%, 78.6%)	75.8% (75.3%, 76.3%)	75.5% (75%, 76%)
	Median (Q1, Q3)	79% (78%, 80%)	78% (76.8%, 80%)	79% (77%, 80%)	76% (69%, 83%)	77% (69%, 83.2%)
	Min, Max	68%, 80%	65%, 80%	64%, 80%	44%, 90%	43%, 90%
Rounds						
	Mean (95% CI)	2.1 (1.9, 2.2)	1.7 (1.6, 1.8)	1.8 (1.7, 1.9)	8.5 (8.1, 8.9)	8.6 (8.1, 9)
	Median (Q1, Q3)	2 (1, 3)	2 (1, 2)	2 (1, 2)	11 (7, 11)	11 (6, 11)
	Min, Max	1, 6	1, 5	1, 5	1, 11	1, 11