

TABLE 1 Uganda results: ME=0

|             | Linreg   | MSS  | LRSOE  | MiniCov  | Mini   |
|-------------|--|--|--|--|--|
| Sensitivity | 100% (95.3%, 100%)                                 | 100% (95.3%, 100%)                                 | 100% (95.3%, 100%)                                 | 100% (95.3%, 100%)                                 | 100% (95.3%, 100%)                                 |
| Efficiency  | 76.8% (75.3%, 78.2%)<br>77% (75%, 79%)<br>71%, 80% | 76.9% (75.5%, 78.4%)<br>77% (76%, 79%)<br>71%, 80% | 76.2% (74.8%, 77.7%)<br>76% (74%, 79%)<br>70%, 80% | 85.7% (84.4%, 86.8%)<br>87% (84%, 88%)<br>78%, 90% | 76.8% (75.4%, 78.3%)<br>77% (70%, 84%)<br>61%, 90% |
| Rounds      | 2.6 (2.3, 2.9)<br>3 (2, 3)<br>1, 4                 | 2.1 (1.8, 2.3)<br>2 (2, 2)<br>1, 4                 | 1.9 (1.8, 2)<br>2 (2, 2)<br>1, 3                   | 3.4 (2.7, 4.1)<br>3 (2, 4)<br>1, 9                 | 7.8 (6.8, 8.9)<br>9 (6, 10)<br>1, 11               |

TABLE 2 Uganda results: ME=0.05

|             | Linreg   | MSS  | LRSOE  | MiniCov  | Mini   |
|-------------|--|--|--|--|--|
| Sensitivity | 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  | 76.5% (75%, 77.9%)<br>77% (76%, 79%)<br>67%, 80% | 76.3% (74.8%, 77.7%)<br>76% (76%, 79%)<br>65%, 80% | 76.3% (74.8%, 77.8%)<br>77% (75%, 79%)<br>65%, 80% | 79.1% (77.7%, 80.5%)<br>80% (76%, 83%)<br>64%, 90% | 75.1% (73.6%, 76.6%)<br>76% (70%, 80%)<br>57%, 90% |
| Rounds      | 2.8 (2.4, 3.2)<br>3 (2, 3)<br>1, 5               | 2.2 (1.9, 2.5)<br>2 (2, 2)<br>1, 5                 | 1.9 (1.8, 2.1)<br>2 (2, 2)<br>1, 3                 | 8.2 (6.9, 9.5)<br>11 (5, 11)<br>1, 11              | 9.2 (8.2, 10.3)<br>11 (8, 11)<br>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%) | 76.4% (74.9%, 77.9%) | 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%             | 65%, 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%)     | 76.5% (75%, 78%)     | 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%             | 65%, 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%)   | 76.9% (75.4%, 78.3%) | 68.4% (66.7%, 69.9%) | 68.2% (66.6%, 69.8%) |
| Median (Q1, Q3) | 79% (76%, 79%)       | 78% (75%, 79%)       | 78% (75%, 79%)       | 70% (60%, 80%)       | 70% (60%, 80%)       |
| Min, Max        | 67%, 80%             | 71%, 80%             | 71%, 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%)   | 65.8% (54%, 76.3%)   | 100% (95.3%, 100%)   | 100% (95.3%, 100%)   |
| Efficiency      |                      |                      |                      |                      |                      |
| Mean (95% CI)   | 77.8% (76.3%, 79.2%) | 77.2% (75.8%, 78.7%) | 77.2% (75.8%, 78.7%) | 66.5% (64.8%, 68.1%) | 66.5% (64.8%, 68.1%) |
| Median (Q1, Q3) | 79% (77%, 79%)       | 78% (75%, 79%)       | 78% (75%, 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 (1.6, 1.9)       | 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, 2                 | 1, 11                | 1, 11                |

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

|             | Linreg             | MSS                  | LRSOE                | MiniPred             | Mini.alg             |
|-------------|--------------------|----------------------|----------------------|----------------------|----------------------|
| Sensitivity | 100% (66.4%, 100%) | 100% (66.4%, 100%)   | 100% (66.4%, 100%)   | 100% (66.4%, 100%)   | 100% (66.4%, 100%)   |
| Efficiency  | 79% (76.3%, 81.5%) | 78.8% (76.1%, 81.3%) | 78.9% (76.2%, 81.4%) | 86.2% (83.9%, 88.3%) | 86.4% (84.1%, 88.5%) |
|             | 79% (79%, 79%)     | 79% (79%, 79%)       | 79% (79%, 79%)       | 86% (85.2%, 88.5%)   | 88% (83.5%, 89%)     |
|             | 77%, 80%           | 76%, 80%             | 77%, 80%             | 79%, 90%             | 80%, 90%             |
| Rounds      | 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)       |
|             | 2 (2, 2)           | 2 (2, 2)             | 2 (2, 2)             | 5 (2.5, 5)           | 3 (2, 5.75)          |
|             | 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 | 100% (66.4%, 100%)   | 100% (66.4%, 100%) | 100% (66.4%, 100%) | 100% (66.4%, 100%)   | 100% (66.4%, 100%)   |
| Efficiency  | 79.1% (76.4%, 81.6%) | 79% (76.3%, 81.5%) | 79% (76.3%, 81.5%) | 84.2% (81.8%, 86.4%) | 83.5% (81.1%, 85.7%) |
|             | 79% (79%, 79%)       | 79% (79%, 79%)     | 79% (79%, 79%)     | 84.5% (80%, 87.5%)   | 82.5% (80%, 85.8%)   |
|             | 78%, 80%             | 78%, 80%           | 78%, 80%           | 80%, 90%             | 80%, 90%             |
| Rounds      | 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)        |
|             | 2 (2, 2)             | 2 (2, 2)           | 2 (2, 2)           | 6.5 (3, 11)          | 7.5 (5.25, 11)       |
|             | 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 | 100% (66.4%, 100%)   | 100% (66.4%, 100%) | 100% (66.4%, 100%) | 100% (66.4%, 100%) | 100% (66.4%, 100%)   |
| Efficiency  | 79.1% (76.4%, 81.6%) | 79% (76.3%, 81.5%) | 79% (76.3%, 81.5%) | 83% (80.5%, 85.3%) | 82.1% (79.6%, 84.4%) |
|             | 79% (79%, 79%)       | 79% (79%, 79%)     | 79% (79%, 79%)     | 80% (80%, 86.5%)   | 80% (80%, 82.5%)     |
|             | 78%, 80%             | 78%, 80%           | 78%, 80%           | 80%, 90%           | 80%, 90%             |
| Rounds      | 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)        |
|             | 2 (2, 2)             | 2 (2, 2)           | 2 (2, 2)           | 11 (4, 11)         | 11 (7.25, 11)        |
|             | 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 | 77.8% (40%, 97.2%)   | 77.8% (40%, 97.2%)   | 77.8% (40%, 97.2%)   | 100% (66.4%, 100%)   | 100% (66.4%, 100%) |
| Efficiency  | 79.3% (76.7%, 81.8%) | 79.2% (76.6%, 81.7%) | 79.2% (76.6%, 81.7%) | 82.3% (79.8%, 84.6%) | 81.6% (79.1%, 84%) |
|             | 79% (79%, 79.8%)     | 79% (79%, 79.8%)     | 79% (79%, 79.8%)     | 80% (80%, 84.2%)     | 80% (80%, 82.2%)   |
|             | 79%, 80%             | 78%, 80%             | 78%, 80%             | 80%, 90%             | 78%, 90%           |
| Rounds      | 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)    |
|             | 2 (1.25, 2)          | 2 (1.25, 2)          | 2 (1.25, 2)          | 11 (6, 11)           | 11 (7.25, 11)      |
|             | 1, 2                 | 1, 2                 | 1, 2                 | 1, 11                | 1, 11              |

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

|             | <b>Linreg</b>        | <b>MSS</b>           | <b>LRSOE</b>         | <b>MiniPred</b>    | <b>Mini.alg</b>      |
|-------------|----------------------|----------------------|----------------------|--------------------|----------------------|
| Sensitivity | 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  | 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%) |
|             | 79.5% (79%, 80%)     | 79.5% (79%, 80%)     | 79.5% (79%, 80%)     | 80% (80%, 80%)     | 80% (80%, 80%)       |
|             | 79%, 80%             | 79%, 80%             | 79%, 80%             | 75%, 90%           | 70%, 90%             |
| Rounds      | 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)      |
|             | 1.5 (1, 2)           | 1.5 (1, 2)           | 1.5 (1, 2)           | 11 (11, 11)        | 11 (11, 11)          |
|             | 1, 2                 | 1, 2                 | 1, 2                 | 1, 11              | 1, 11                |

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

|             | <b>Linreg</b>        | <b>MSS</b>           | <b>LRSOE</b>         | <b>MiniPred</b>    | <b>Mini.alg</b>    |
|-------------|----------------------|----------------------|----------------------|--------------------|--------------------|
| Sensitivity | 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  | 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%) |
|             | 79.5% (79%, 80%)     | 79.5% (79%, 80%)     | 79.5% (79%, 80%)     | 80% (80%, 80%)     | 80% (80%, 80%)     |
|             | 79%, 80%             | 79%, 80%             | 79%, 80%             | 70%, 90%           | 70%, 90%           |
| Rounds      | 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)     |
|             | 1.5 (1, 2)           | 1.5 (1, 2)           | 1.5 (1, 2)           | 11 (11, 11)        | 11 (11, 11)        |
|             | 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 | 100% (59%, 100%)     | 100% (59%, 100%)     | 100% (59%, 100%)     | 100% (59%, 100%)   | 100% (59%, 100%)     |
| Efficiency  | 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%) |
|             | 80% (79%, 80%)       | 80% (79%, 80%)       | 80% (79%, 80%)       | 90% (88%, 90%)     | 90% (85%, 90%)       |
|             | 79%, 80%             | 79%, 80%             | 79%, 80%             | 82%, 90%           | 81%, 90%             |
| Rounds      | 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)       |
|             | 1 (1, 2)             | 1 (1, 2)             | 1 (1, 2)             | 1 (1, 3)           | 1 (1, 6)             |
|             | 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 | 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  | 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%) |
|             | 80% (79.8%, 80%)     | 80% (79.8%, 80%)     | 80% (79.8%, 80%)     | 90% (87%, 90%)       | 90% (86%, 90%)     |
|             | 77%, 80%             | 76%, 80%             | 77%, 80%             | 80%, 90%             | 78%, 90%           |
| Rounds      | 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)     |
|             | 1 (1, 1.25)          | 1 (1, 1.25)          | 1 (1, 1.25)          | 1 (1, 3.25)          | 1 (1, 5)           |
|             | 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 | 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  | 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%) |
|             | 80% (79.8%, 80%)     | 80% (79.8%, 80%)     | 80% (79.8%, 80%)     | 90% (87%, 90%)     | 90% (86%, 90%)       |
|             | 77%, 80%             | 76%, 80%             | 77%, 80%             | 80%, 90%           | 78%, 90%             |
| Rounds      | 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)         |
|             | 1 (1, 1.25)          | 1 (1, 1.25)          | 1 (1, 1.25)          | 1 (1, 3.25)        | 1 (1, 5)             |
|             | 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 | 71.4% (29%, 96.3%)   | 71.4% (29%, 96.3%)   | 71.4% (29%, 96.3%)   | 100% (59%, 100%)     | 100% (59%, 100%)     |
| Efficiency  | 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%) |
|             | 80% (80%, 80%)       | 80% (80%, 80%)       | 80% (80%, 80%)       | 90% (82%, 90%)       | 90% (86%, 90%)       |
|             | 77%, 80%             | 76%, 80%             | 77%, 80%             | 77%, 90%             | 73%, 90%             |
| Rounds      | 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)       |
|             | 1 (1, 1)             | 1 (1, 1)             | 1 (1, 1)             | 1 (1, 6.75)          | 1 (1, 5)             |
|             | 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 | 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  | 79.8% (78%, 81.6%)  | 79.8% (78%, 81.5%)  | 79.8% (78%, 81.5%)  | 85.5% (83.8%, 87%) | 85.9% (84.2%, 87.3%) |
|             | 80% (80%, 80%)      | 80% (80%, 80%)      | 80% (80%, 80%)      | 90% (80%, 90%)     | 90% (80.8%, 90%)     |
|             | 79%, 80%            | 78%, 80%            | 78%, 80%            | 70%, 90%           | 70%, 90%             |
| Rounds      | 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)       |
|             | 1 (1, 1)            | 1 (1, 1)            | 1 (1, 1)            | 1 (1, 10.25)       | 1 (1, 10.25)         |
|             | 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 | 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  | 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%) |
|             | 80% (80%, 80%)      | 80% (80%, 80%)      | 80% (80%, 80%)      | 90% (80%, 90%)     | 90% (80%, 90%)     |
|             | 79%, 80%            | 79%, 80%            | 79%, 80%            | 70%, 90%           | 70%, 90%           |
| Rounds      | 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)       |
|             | 1 (1, 1)            | 1 (1, 1)            | 1 (1, 1)            | 1 (1, 11)          | 1 (1, 11)          |
|             | 1, 2                | 1, 2                | 1, 2                | 1, 11              | 1, 11              |

