Table - Uncorrected and corrected PPV and completeness of algorithms with most likely estimates (and possible ranges).

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
|  | Uncorrected |  | 74 |  | 328 |  |
|  | PPV, % | Completeness, % | PPV, % | Completeness, % | PPV, % | Completeness, % |
| 1 | 67.9 | 92.4 | 72.1 (67.9-73.5) | 91.2 (85.9-92.9) | 86.5 (67.9-92.3) | 88.3 (69.3-94.1) |
| 1a | 76.7 | 92.4 | 81.4 (76.7-83.0) | 91.2 (85.9-92.9) | 94.4 (76.7-94.4) | 85.3 (69.3-85.3) |
| 1b | 78.7 | 91.2 | 83.6 (78.7-85.2) | 90.1 (84.8-91.8) | 94.9 (78.7-94.9) | 82.5 (68.4-82.5) |
| 1c | 81.8 | 84.6 | 87.3 (81.8-89.1) | 83.9 (78.6-85.6) | 95.7 (81.8-95.7) | 74.2 (63.4-74.2) |
| 1d | 67.8 | 92.4 | 72.0 (67.8-73.3) | 91.2 (85.9-92.9) | 86.4 (67.8-92.2) | 88.3 (69.3-94.3) |
| 1e | 70.0 | 88.5 | 74.5 (70.0-75.9) | 87.6 (82.3-89.3) | 90.0 (70.0-92.8) | 85.4 (66.4-88.0) |
| 1f | 73.4 | 83.9 | 78.3 (73.4-79.9) | 83.4 (78.1-85.1) | 93.6 (73.4-93.6) | 80.3 (63.0-80.3) |
| 2 | 77.4 | 92.4 | 82.1 (77.4-83.7) | 91.2 (85.9-92.9) | 94.6 (77.4-94.6) | 84.7 (69.3-84.7) |
| 2a | 79.0 | 92.4 | 83.8 (79.0-85.4) | 91.2 (85.9-92.9) | 95.0 (79.0-95.0) | 83.3 (69.3-83.3) |
| 2b | 75.1 | 91.5 | 79.8 (75.1-81.3) | 90.4 (85.1-92.1) | 94.0 (75.1-94.0) | 85.8 (68.6-85.8) |
| 2c | 87.6 | 84.3 | 93.5 (87.6-95.4) | 83.7 (78.4-85.4) | 97.0 (87.6-97.0) | 70.1 (63.3-70.1) |
| 2d | 79.9 | 84.3 | 85.3 (79.9-87.0) | 83.7 (78.4-85.4) | 95.2 (79.9-95.2) | 75.4 (63.3-75.4) |
| 2e | 80.4 | 87.2 | 85.7 (80.4-87.3) | 86.4 (81.1-88.1) | 95.3 (80.4-95.3) | 77.5 (65.4-77.5) |
| 2f | 81.6 | 80.0 | 87.4 (81.6-89.3) | 79.7 (74.4-81.4) | 95.6 (81.6-95.6) | 70.3 (60.0-70.3) |
| 3 | 65.7 | 84.5 | 70.1 (65.7-71.5) | 83.8 (78.5-85.5) | 85.4 (65.7-91.6) | 82.3 (63.3-88.3) |
| 3a | 71.6 | 84.5 | 76.4 (71.6-78.0) | 83.8 (78.5-85.5) | 93.0 (71.6-93.2) | 82.3 (63.3-82.5) |
| 3b | 74.3 | 83.3 | 79.3 (74.3-81.0) | 82.8 (77.5-84.5) | 93.8 (74.3-93.8) | 79.0 (62.5-79.0) |
| 3c | 79.7 | 76.3 | 85.7 (79.7-87.6) | 76.3 (71.0-78.0) | 95.1 (79.7-95.1) | 68.3 (57.2-68.3) |
| 3d | 74.4 | 76.3 | 80.0 (74.4-81.8) | 76.3 (71.0-78.0) | 93.9 (74.4-93.9) | 72.2 (57.2-72.2) |
| 3e | 73.9 | 81.1 | 79.1 (73.9-80.7) | 80.7 (75.4-82.4) | 93.7 (73.9-93.7) | 77.1 (60.8-77.1) |
| 3f | 79.3 | 73.6 | 85.4 (79.3-87.4) | 73.7 (68.4-75.4) | 95.1 (79.3-95.1) | 66.2 (55.2-66.2) |

Notes: Most likely estimate is based on the assumption that the average (uncorrected) PPV of algorithms for T1DM patients in the EPICOM cohort applies to T1DM patients not included the EPICOM study. Ranges refers to range from worst possible case (0% of non-EPICOM T1DM patients are algorithm positive) to best possible case (up to 100% of non-EPICOM T1DM patients are algorithm positive).