**Additional File 7: Summary of cause list matches between all algorithm results and the cause of death categories used in this study**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
|  | NBC | King-Lu | SmartVA | InSilicoVA | InSilicoVA-NT | InterVA-4 |
| Adults (N = 18) |
|  Cause list | 16 | 16 | 34 | 18 | 48 | 43 |
|  Final cause list | 16 | 16 | 17 | 16 | 17 | 18 |
| Children (N = 10) |
|  Cause list | 7 | 7 | 18 | 10 | 32 | 28 |
|  Final cause list | 7 | 7 | 7 | 7 | 8 | 8 |
| Neonates (N = 6) |
|  Cause list | 4 | 4 | 4 | 6 | 7 | 8 |
|  Final cause list | 4 | 4 | 4 | 4 | 5 | 5 |

Cause list denotes the total number of unique causes generated by each algorithm, whereas the final cause list refers to the total number of causes after mapping with the cause list categories outlined in web appendix Table 1 (N = total number of cause categories per age group).