

Supplementary Material 2.

Table: Sensitivity, Specificity, Positive Predictive Value, Negative Predictive Value, and Area Under the Curve for risk estimation models

| Model outcome | Risk cut-off value and associated risk category | | Sensitivity, % | Specificity, % | PPV, % | NPV, % | AUC |
|---|--|-----------|-----------------------|-----------------------|---------------|---------------|------------|
| One or more cardiovascular risk factors | 45.8* | High risk | 52.7 | 58.9 | 53.2 | 58.4 | 0.585 |
| | 39.5** | Low risk | 85.5 | 21.9 | 49.3 | 63.1 | |
| Emotional and behavioural difficulties | 20* | High risk | 23.3 | 94.9 | 36.2 | 90.8 | 0.712 |
| | 7** | Low risk | 89.0 | 28.0 | 13.4 | 95.3 | |

PPV: positive predictive value; NPV: negative predictive value; AUC: area under a receiver operating characteristic (ROC) curve.

* A child with a score higher than this would be classified as 'High risk' of having the outcome.

** A child with a score lower than this would be classified as 'Low risk' of having the outcome.