|  |  |  |
| --- | --- | --- |
| **Supplementary Table 1. Performance of machine learning approaches on depression training dataset (1993 records).** | | |
|  | **Approach 1** | **Approach 2** |
| **Training Set Size** | **1993** | **1993** |
| **Optimal Cut-Off Score** | **0.25** | **-0.5** |
| **Sensitivity** | **99.2%** | **89.3%** |
| **Upper 95% CI** | **0.940** | **0.819** |
| **Lower 95% CI** | **0.995** | **0.939** |
| **Specificity** | **77.9%** | **89.0%** |

*Supplementary table 1 shows the performance of the two machine learning approaches trained on 1993 records.*

|  |  |
| --- | --- |
| **Supplementary Table 2. Performance of machine learning approaches on depression training dataset (2989 records).** | |
|  | **Approach 1** | |
| **Training Set Size** | **2989** | |
| **Optimal Cut-Off Score** | **0.25** | |
| **Sensitivity** | **96.2%** | |
| **Upper 95% CI** | **0.910** | |
| **Lower 95% CI** | **0.986** | |
| **Specificity** | **84.3%** | |

*Supplementary table 2 shows the performance of one machine learning approach trained on 2989 records.*