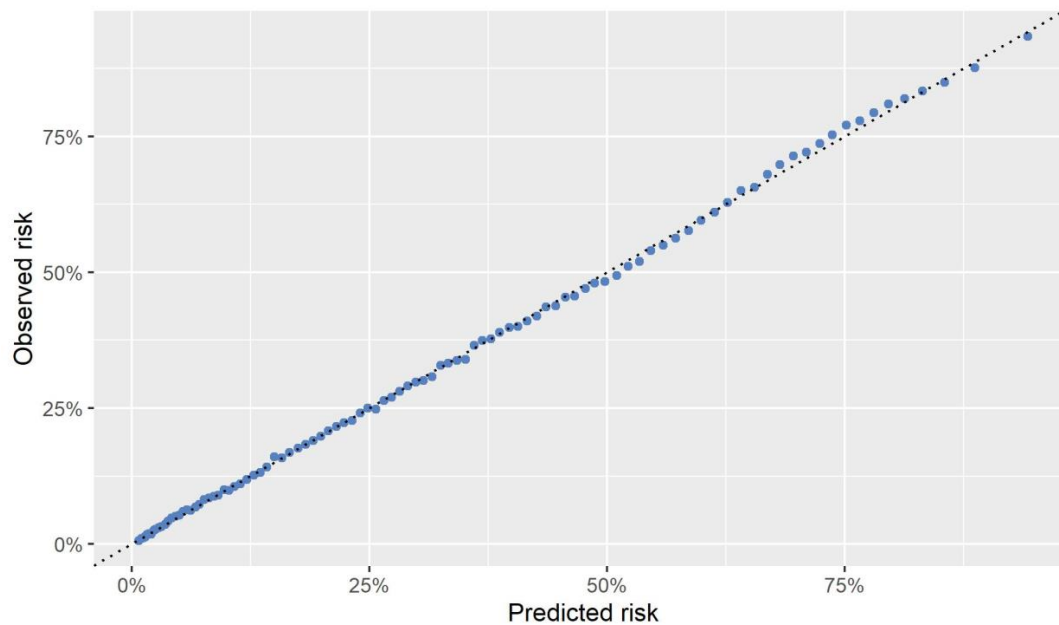


**Supplementary file 4***Figure 4 - Calibration plot – Logistic general additive model**Figure 5: Receiver Operating Characteristic Curve – Logistic general additive model*