

Supplementary

Table S1 Performance of the final model

| Variable | AUC (95% CI) | Sensitivity (%) | Specificity (%) | PPV (%) | NPV (%) | +LR | -LR |
|----------|---------------------|-------------------|-------------------|------------------|------------------|----------------|----------------|
| OSA | 0.926 (0.904–0.943) | 82.59 (79.1–85.7) | 87.32 (82.1–91.5) | 94.3 (91.8–96.2) | 66.4 (60.6–71.9) | 6.52 (6.1–6.9) | 0.20 (0.1–0.3) |
| Mild OSA | 0.771 (0.721–0.815) | 84.48 (76.6–90.5) | 62.44 (55.6–69.0) | 55.1 (47.4–62.5) | 88.1 (81.8–92.8) | 2.25 (2.0–2.6) | 0.25 (0.2–0.4) |

AUC, area under the curve; CI, confidence interval; PPV, positive predictive value; NPV, negative predictive value; +LR, positive likelihood ratio; -LR, negative likelihood ratio.