

Table S1—MAP index for OSA across AHI criteria by BMI.

	BMI	Sensitivity (95% CI)	Specificity (95% CI)	PPV (95% CI)	NPV (95% CI)	LR+ (95% CI)	LR- (95% CI)	AUC (95% CI)
AHI ≥ 5 events/h	18.5 to < 25 (n=16)	–	90.0 (55.5-99.8)	–	60.0 (32.3-83.7)	–	–	0.73 (0.46-1.00)
	≥ 25 to < 30 (n=64)	52.5 (36.1-68.5)	66.7 (44.7-84.4)	72.4 (52.8-87.3)	45.7 (28.8-63.4)	1.58 (0.55-2.60)	0.71 (0.40-1.03)	0.63 (0.49-0.78)
	≥ 30 (n=184)	89.7 (83.6-94.1)	31.6 (17.5-48.7)	83.4 (76.7-88.9)	44.4 (25.5-64.7)	1.31 (1.02-1.61)	0.33 (0.11-0.54)	0.71 (0.62-0.81)
AHI ≥ 15 events/h	18.5 to < 25 (n=16)	–	93.3 (68.1-99.8)	–	93.3 (68.1-99.8)	–	–	0.93 (0.80-1.00)
	≥ 25 to < 30 (n=64)	63.0 (42.4-80.6)	67.6 (50.2-82.0)	58.6 (38.9-76.5)	71.4 (53.7-85.4)	1.94 (0.86-3.03)	0.55 (0.25-0.85)	0.73 (0.60-0.85)
	≥30 (n=184)	92.0 (84.8-96.5)	22.6 (14.2-33.1)	58.6 (50.5-66.4)	70.4 (49.8-86.3)	1.19 (1.03-1.34)	0.35 (0.08-0.63)	0.70 (0.63-0.78)
AHI ≥ 30 events/h	18.5 to < 25 (n=16)	–	93.8 (69.8-99.8)	–	100 (78.2-100)	8.00 (-8.61-24.6)	0.53 (0.46-0.60)	–
	≥ 25 to < 30 (n=64)	66.7 (34.9-90.1)	59.6 (45.1-73.0)	27.6 (12.7-47.2)	88.6 (73.3-96.8)	1.65 (0.78-2.52)	0.56 (0.09-1.03)	0.70 (0.54-0.86)
	≥ 30 (n=184)	89.4 (79.4-95.6)	17.0 (10.7-25.0)	37.6 (30.0-45.7)	74.1 (53.7-88.9)	1.08 (0.95-1.20)	0.63 (0.12-1.13)	0.69 (0.60-0.77)

AHI = apnea-hypopnea index, AUC = area under the ROC curve, BMI = body mass index, CI = confidence interval, LR+ = positive likelihood ratio, LR- = negative likelihood ratio, MAP = Multivariable Apnea Prediction, NPV = negative predictive value, OSA = obstructive sleep apnea, PPV = positive predictive value, ROC = receiver operating characteristic.