

Table S1. Diagnostic accuracy of the overall Berlin Questionnaire Score and individual categories, AHI \geq 5.

	Sensitivity	Specificity	PPV	NPV	Positive Likelihood Ratio	Negative Likelihood Ratio
AHI \geq 5						
Overall Berlin Questionnaire index	36.2% [28.6%, 44.4%]	75.2% [66.4%, 82.7%]	65.5% [54.3%, 75.5%]	47.6% [40.2%, 55.0%]	1.46 [0.999, 2.13]	0.85 [0.72, 0.99]
Category 1: Snoring	38.8% [31.0%, 47.0%]	76.9% [68.2%, 84.2%]	68.6% [57.7%, 78.2%]	49.2% [41.7%, 56.7%]	1.68 [1.14, 2.48]	0.80 [0.68, 0.93]
Category 2: Sleepiness	11.8% [7.2%, 18.1%]	84.6% [76.8%, 90.6%]	50.0% [32.9%, 67.1%]	42.5% [36.1%, 49.1%]	0.77 [0.42, 1.41]	1.04 [0.95, 1.15]
Category 3: BMI or High Blood Pressure	80.9% [73.8%, 86.8%]	34.2% [25.7%, 43.5%]	61.5% [54.4%, 68.3%]	58.0% [45.5%, 69.8%]	1.23 [1.06, 1.43]	0.56 [0.37, 0.84]

Table S2. Diagnostic accuracy of the overall Berlin Questionnaire Score and individual categories by gender, AHI ≥ 5 .

	Sensitivity	Specificity	PPV	NPV	Positive Likelihood Ratio	Negative Likelihood Ratio
Women (n=214)						
Overall Berlin Questionnaire index	39.1% [30.2%, 48.7%]	74.7% [65.0%, 82.9%]	64.3% [51.9%, 75.4%]	51.4% [42.9%, 59.8%]	1.55 [1.03, 2.33]	0.81 [0.68, 0.98]
Category 1: Snoring	40.0% [31.0%, 49.6%]	75.8% [66.1%, 83.8%]	65.7% [53.4%, 76.7%]	52.1% [43.6%, 60.5%]	1.65 [1.09, 2.50]	0.79 [0.66, 0.95]
Category 2: Sleepiness	13.0% [7.5%, 20.6%]	83.8% [75.1%, 90.5%]	48.4% [30.2%, 66.9%]	45.4% [38.0%, 52.9%]	0.81 [0.42, 1.55]	1.04 [0.93, 1.16]
Category 3: BMI or High Blood Pressure	84.3% [76.4%, 90.5%]	29.3%* [20.6%, 39.3%]	58.1% * [50.2%, 65.7%]	61.7% [46.4%, 75.5%]	1.19 [1.03, 1.38]	0.53 [0.32, 0.90]
Men (n=55)						
Overall Berlin Questionnaire index	27.0% [13.8%, 44.1%]	77.8% [52.4%, 93.6%]	71.4% [41.9%, 91.6%]	34.1% [20.1%, 50.6%]	1.22 [0.44, 3.35]	0.94 [0.68, 1.29]
Category 1: Snoring	35.1% [20.2%, 52.5%]	83.3% [58.6%, 96.4%]	81.3% [54.4%, 96.0%]	38.5% [23.4%, 55.4%]	2.11 [0.69, 6.47]	0.78 [0.57, 1.07]
Category 2: Sleepiness	8.1% [1.7%, 21.9%]	88.9% [65.3%, 98.6%]	60.0% [14.7%, 94.7%]	32.0% [19.5%, 46.7%]	0.73 [0.13, 3.99]	1.03 [0.86, 1.25]
Category 3: BMI or High Blood Pressure	70.3% [53.0%, 84.1%]	61.1% [35.7%, 82.7%]	78.8% [61.1%, 91.0%]	50.0% [28.2%, 71.8%]	1.81 [0.98, 3.35]	0.49 [0.26, 0.90]

* Indicates that the value is significantly different for females compared to males, $p < .05$

Note: Numbers in parentheses reflect 95% confidence intervals for each estimate. Sensitivity indicates percentage of those with the condition who are correctly classified as having the condition. Specificity indicates the percentage of those without the condition who are correctly classified as *not* having the condition. PPV indicates the percentage of those classified as having the condition who actually have the condition. NPV indicates the percentage of those classified as not having the condition who actually do not have the

condition. The Positive Likelihood Ratio indicates the probability of a person who has the disease testing positive divided by the probability of a person who does not have the disease testing positive. The Negative Likelihood Ratio indicates the probability of a person who has the disease testing negative divided by the probability of a person who does not have the disease testing negative.