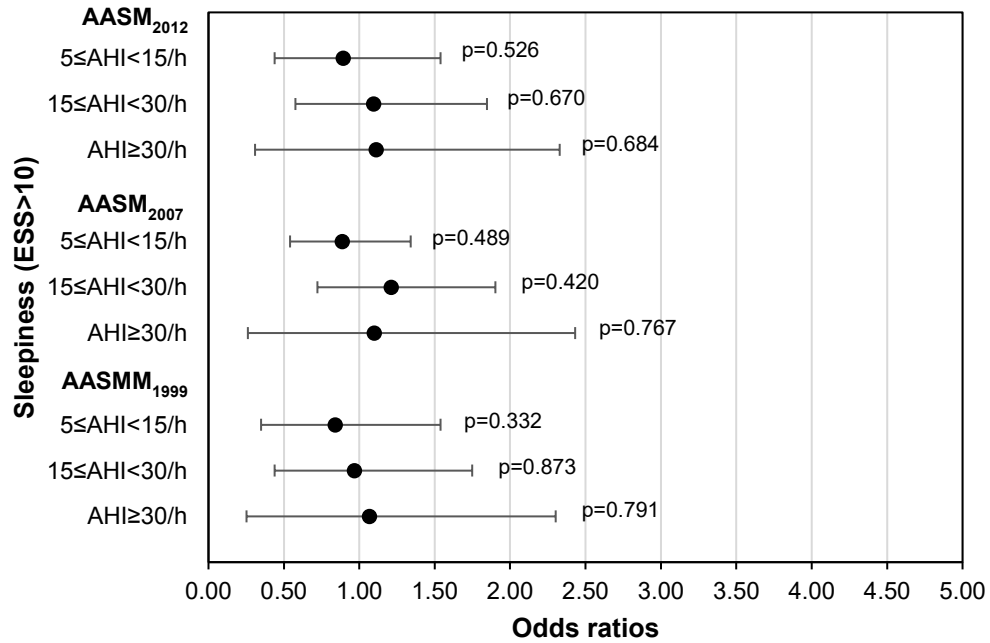


**Figure S1 - Lack of association between AHIs and subjective sleepiness.**



Odds ratio and 95% confidence intervals of the association between apnea-hypopnea index (AHI) categories (15 < AHI ≤ 5/h, 30 < AHI ≤ 15/h and AHI ≥ 30/h compared to AHI < 5/h) derived from three different recommended AASM criteria (1999, 2007 and 2012) and the presence of sleepiness assessed by Epworth Sleepiness Score (ESS) (n=1,982) in the HypnoLaus cohort. Data analyzed with multivariable logistic regression adjusted for age, body mass index and sex.

**Table S1 - Summary of the hypopnea scoring criteria considered in the study.**

	<b>Airflow changes</b>	<b>EEG arousal</b>	<b>Oxygen desaturation</b>
AASM <sub>1999</sub>	≥50% reduction without consequence	-	-
	<50% reduction with 1 consequence	+	≥3%
AASM <sub>2007</sub>	≥30% reduction with 1 consequence	-	≥4%
AASM <sub>2012</sub>	≥30% reduction with 1 consequence	+	≥3%

AASM: American Academy of Sleep Medicine, EEG: electroencephalogram.

**Table S2 - Lack of association between subjective sleepiness (ESS>10) and different polysomnographic parameters in the HypnoLaus cohort.**

Variable	p-value	AUC	95% CI		
			Lower	Upper	
<b>AHI</b>	AASM <sub>2012</sub>	0.433	0.485	0.447	0.523
	AASM <sub>2007</sub>	0.262	0.478	0.440	0.517
	AASM <sub>1999</sub>	0.412	0.484	0.446	0.522
<b>3% ODI</b>		0.412	0.484	0.446	0.523
<b>4% ODI</b>		0.372	0.483	0.444	0.521
<b>Arousal index</b>		0.826	0.496	0.458	0.534

AASM: American Academy of Sleep Medicine, AASM<sub>1999</sub>: "Chicago criteria" hypopnea definition, AASM<sub>2007</sub>: 2007 AASM recommended hypopnea definitions, AASM<sub>2012</sub>: 2012 AASM recommended hypopnea definitions, AHI: apnea-hypopnea index, AUC: area under the curve, CI: confidence interval, ODI: oxygen desaturation index. Data expressed as AUC, 95% CI, and analyzed using receiver operating characteristic (ROC) operating curve.