

Table S8. Epoch-by-epoch agreement: subgroup analysis of AHI (Macro F1 Score)

Device	AHI		AHI	
	≤ 5	> 5	≤ 30	> 30
Airable				
SleepRoutine (67)	0.6317	0.7073	0.6773	0.7119
SleepScore (38)	0.3489	0.4234	0.4099	0.3870
Pillow (74)	0.2731	0.2526	0.2632	0.2398
Nearable				
Withings Sleep Tracking Mat (75)	0.4623	0.4434	0.4642	0.3883
Google Nest Hub 2 (33)	0.3505	0.2815	0.3078	0.2564
Amazon Halo Rise (28)	0.6337	0.6192	0.6162	0.6567
Wearable				
Google Pixel Watch (30)	0.5972	0.5559	0.5529	0.6141
Galaxy Watch 5 (22)	0.5803	0.5741	0.5753	0.5868
Fitbit Sense 2 (26)	0.6216	0.5611	0.5721	0.6179
Apple Watch 8 (26)	0.4303	0.5290	0.5279	0.2170
Oura Ring 3 (53)	0.5506	0.5097	0.5165	0.5261

Values of the top-performing CSTs are shown in bold. Abbreviations: *AHI*, apnea-hypopnea index; *CST*, consumer sleep tracker.