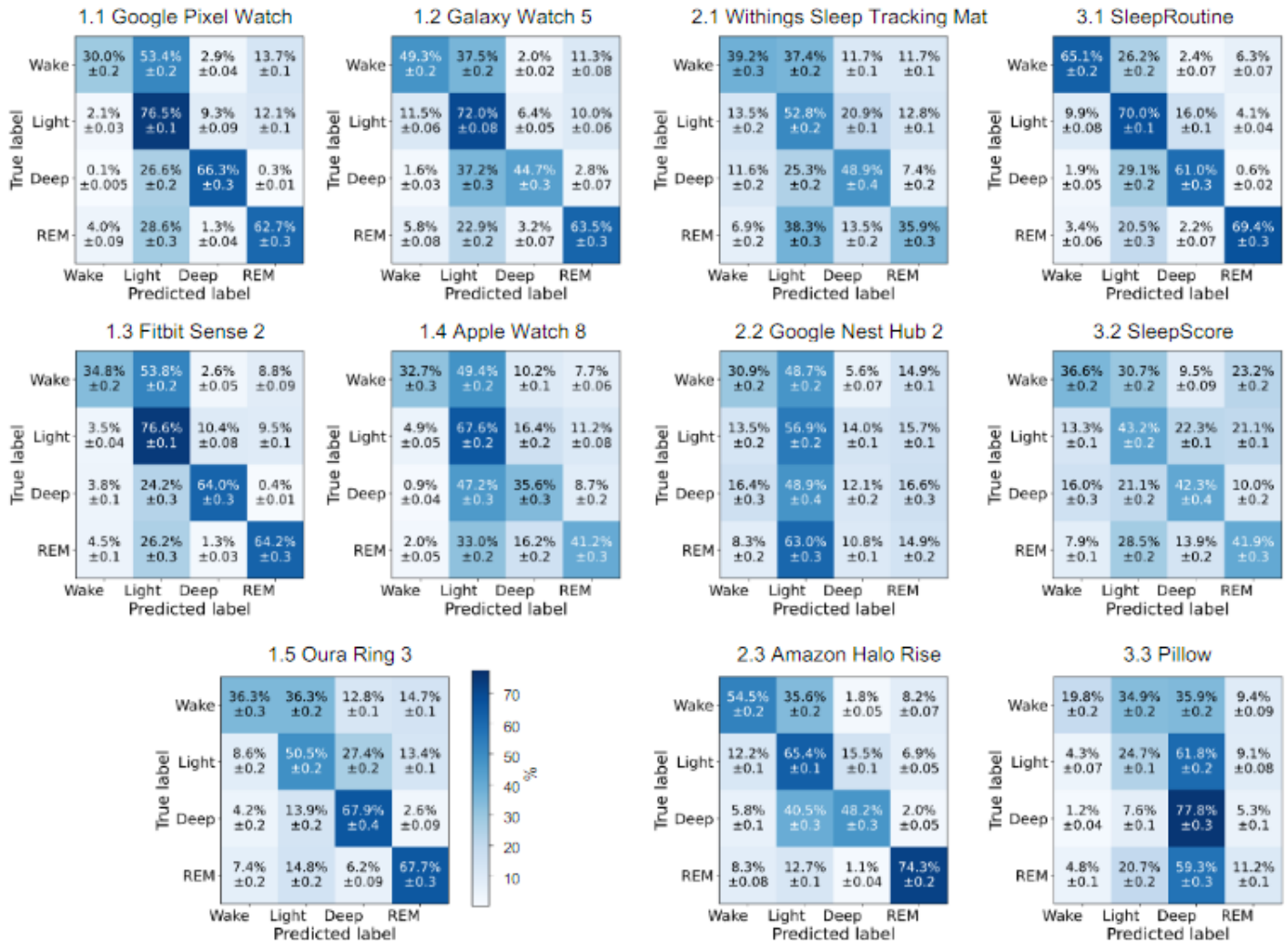


1. Wearable

2. Nearable

3. Airable



Multimedia Appendix 7. Normalized confusion matrices: mean and variance of predicted values across participants. The mean and variance of 4-stage sleep classification confusion matrices across participants are presented, with comparison of consumer sleep trackers (CSTs). Each row in the confusion matrix is the sleep stage annotated by polysomnography, while each column represents the sleep stage annotated by the CST. REM: rapid eye movement.