Supplementary Table S1

Table S1. Feature importance of the different contextual modalities, activity, nutrition, and sleep, as well as the between-individual variation.

Feature	Weight
ee_last_24h	0.101717
acn_last_8h	0.084459
similarity_to_tno14	0.080656
ahr_last_24h	0.067866
acn_last_3h	0.065052
ahr_last_8h	0.062497
calories_last_3h	0.059207
subject_11 *	0.056915
subject_15 *	0.054008
deep_sleep	0.053423
sleep_duration	0.053098
calories_from_carbohydrate_last_3h	0.050084
subject_22 *	0.049044
calories_last_8h	0.047338
acn_last_24h	0.040274
calories_from_carbohydrate_last_24h	0.039837
ee_last_8h	0.034526

ee: energy expenditure, acn: acceleration, ahr: average heart rate. * Subject number was included as binary feature to account for unexplained subject-specific variance.