

The UTx000 Study: An Ecologically Valid, Multimodal Dataset

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Motivation

Collect **meaningful** data
unobstrusively

Provide a **holistic** view of the participants

Background

“Natural” settings > Lab settings

Remote and mobile sensing technologies on the rise

Study Details

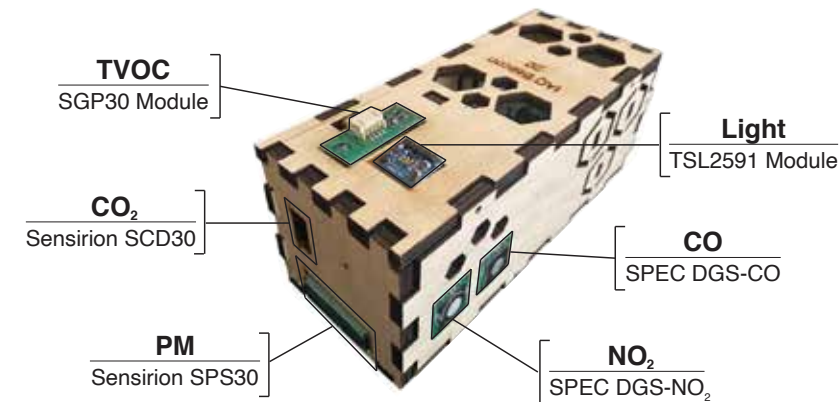
3 Months

3 Primary Modalities

70 Participants

100,000 Hours of Data

Methods



Building EnVironment and Occupancy Beacon

Activity Tracking

Passively monitors activity

Sleep Tracking

Sleep periods/stages estimated by heart rate/movement



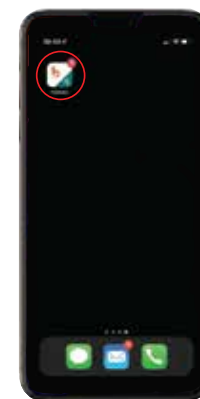
Fitbit Inspire HR

Sleep/Mood

Regular EMAs

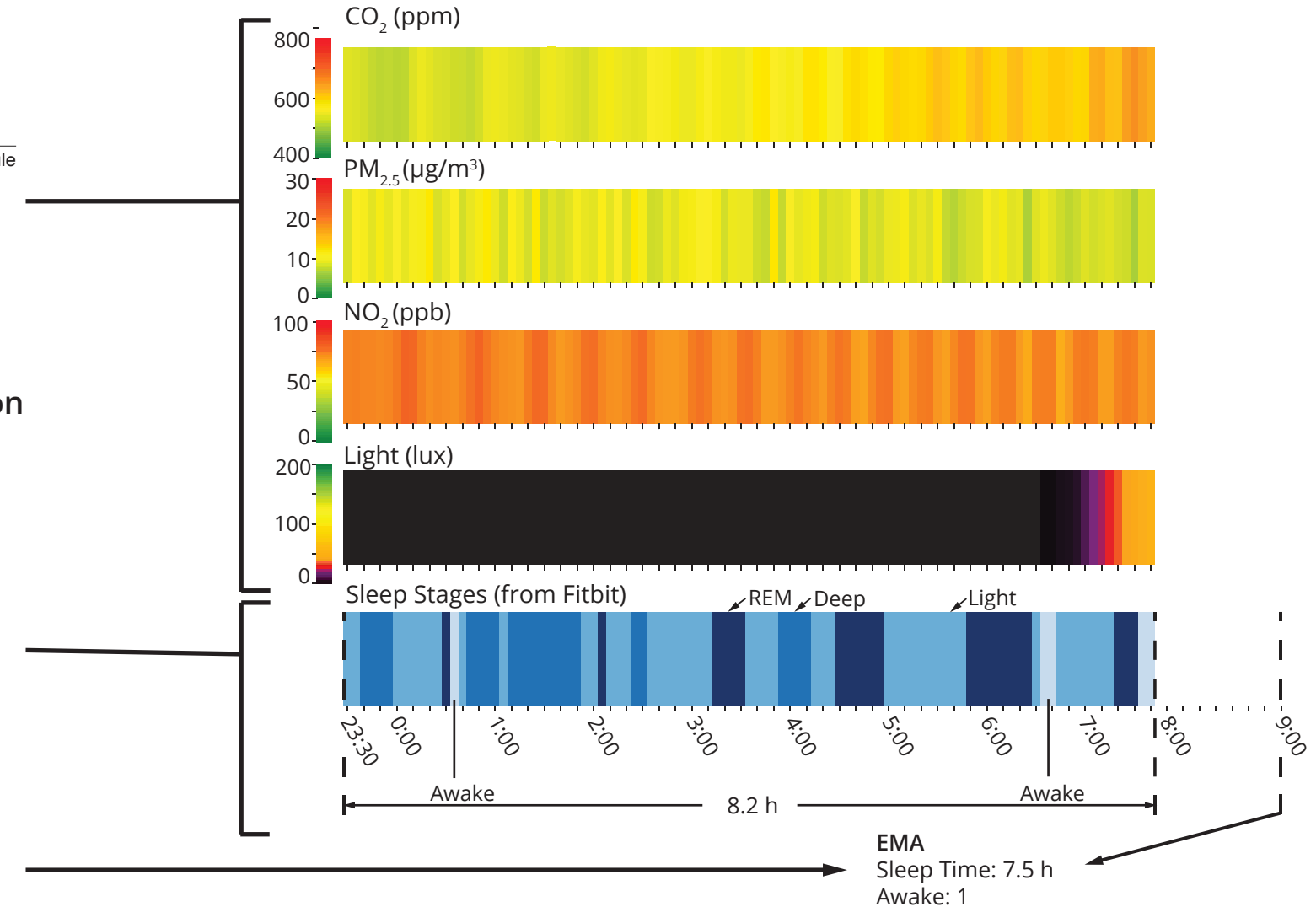
Screen Time

Use data from phone



Beiwe App

Results



Example of how modalities can be seamlessly integrated

Acknowledgement and Contact

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