Sleep Tools Demo

IEEE CBMS 2017: Skyline Paper (Special Track 3)
Title: 360QS Toolkit for Sleep and Physical Activity Analysis based on Wearables
Paper ID: 113

Working System URL: http://ehealth.qcri.org/SleepTools
Select “Screening” from the Home page to run prediction models for sleep screening
Sleep Screening - Select Subject to view time series data
Sleep Screening - View time series data

Time Series for Subject: BC_43

Annotate Sleep
Sleep Screening - using Deep Learning models

Time Series for Subject: BC_43

Select Subject ▼ Submit

Predict Sleep Quality

The graph shows a time series plot of activity level over time for Subject BC_43. The activity level is measured on the y-axis, and time is on the x-axis. The plot includes a blue area indicating sleep periods.
Sleep Screening - using Deep Learning models\(^1\)

Sleep Diagnosis - using RAHAR (Robust Automated Human Activity Recognition)
Sleep Analysis - Sleep Duration vs Sleep Efficiency