This fall, I worked with professor Sarah Harmon on a project pushing forward analysis of a X September Computer I nacetivelty 2001 in) ng VSI Edgal-BIEscol cylindressi involuteradia pusy physical digical c allev tvi

oscillations, including body movement: this can be tracked using actigraphy (watch-measured) data, which is what we used for analysis. We examined whether di erences in ultradian cycling over the course of a night exist across age, sex, and particularly disease etiology.

We used an existing python package, called pyActigraphy, which provided built-in functionality. However, we expanded on some of that functionality to try to improve the best-fit period detection. At the moment, we are working tfs^V ^{Oreover}, we are connecting with researchers and code developers to push forward the period detection issue, including some from universities in the UK and Munich.



Normalized cycles of mover at initiation of Human

Sleep in Real Life. Curr Biol. 2018 Jan 8,28(1):49-59.e5. doi: 10.1016/j.cub.2017.11.063. Epub 2017 Dec 28. PIVIID: 29290561.