

Data for “Pathway-dependent regulation of sleep dynamics in a network model of the sleep-wake cycle”

This repository contains the following files to simulate the sleep-wake cycle and the manipulation of synaptic connections:

- manipulations.py
- sleepCompModel.py

The Python scripts allow to replicate all of the simulations which are provided in the manuscript. The detailed environment and formula has also been provided in the manuscript.

Please also see <https://github.com/Sakata-Lab/sleep-model>.

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