

# Resource Summary Report

Generated by [Kravitz](#) on Sep 10, 2026

## COsleep

RRID:SCR\_017053

Type: Tool

---

### Proper Citation

COsleep (RRID:SCR\_017053)

---

### Resource Information

**URL:** <https://github.com/Frederik-D-Weber/cosleep>

**Proper Citation:** COsleep (RRID:SCR\_017053)

**Description:** Software Python tool for sleep EEG analysis. Used for Closed and Open loop in Slow Oscillations, Sleep Stimulation in Auditory or Recording in full PSG using OpenBCI Cyton.

**Abbreviations:** cosleep

**Synonyms:** Closed- and Open-loop Sleep Stimulations with Auditory Stimuli, Closed and Open loop sleep

**Resource Type:** data analysis software, data processing software, software application, software resource

**Keywords:** SpiSOP, OpenBCI, sleep, EEG, analysis, electroencephalogram, electrical, activity, brain, wave, pattern, disorder

**Availability:** Free, Available for download, Freely available

**Resource Name:** COsleep

**Resource ID:** SCR\_017053

**Alternate URLs:** <http://www.spisop.org/cosleep>

**License:** MIT

**Record Creation Time:** 20220129T080333+0000

**Record Last Update:** 20260905T132817+0000

---

### Ratings and Alerts

No rating or validation information has been found for COsleep.

No alerts have been found for COsleep.

---

## Data and Source Information

**Source:** [SciCrunch Registry](#)

---

## Usage and Citation Metrics

We found 1 mentions in open access literature.

**Listed below are recent publications.** The full list is available at [Kravitz](#) .

Barnes CM, et al. (2023) Using wearable technology (closed loop acoustic stimulation) to improve sleep quality and work outcomes. The Journal of applied psychology, 108(8), 1391.