

Resource Summary Report

Generated by [nidm-terms](#) on Jul 28, 2026

COsleep

RRID:SCR_017053

Type: Tool

Proper Citation

COsleep (RRID:SCR_017053)

Resource Information

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

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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: software application, software resource, data processing software, data analysis software

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: 20260728T043524+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 [nidm-terms](#) .

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.