

Resource Summary Report

Generated by PRECISE-TBI on Sep 19, 2026

SleepTrip

RRID:SCR_017318

Type: Tool

Proper Citation

SleepTrip (RRID:SCR_017318)

Resource Information

URL: <https://sleeptrip.org>

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Description: Software as branch of FieldTrip with added functionality for sleep analyses, like calculating sleep tables, descriptives, plotting hypnograms, detecting slow waves, sleep spindles, REMS and their cooccurrence etc., THIS RESOURCE IS NO LONGER IN SERVICE. Documented on September 16,2025.

Synonyms: SpiSOP

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

Keywords: slow, wave, oscillation, spindle, cooccurrence, rapid, eye, movements, sleep table, hypnogram

Availability: THIS RESOURCE IS NO LONGER IN SERVICE

Resource Name: SleepTrip

Resource ID: SCR_017318

Alternate URLs: <https://github.com/Frederik-D-Weber/sleeptrip>

License: GNU GPL

License URLs: <https://github.com/Frederik-D-Weber/sleeptrip/blob/master/COPYING>

Record Creation Time: 20220129T080334+0000

Record Last Update: 20260919T195338+0000

Ratings and Alerts

No rating or validation information has been found for SleepTrip.

No alerts have been found for SleepTrip.

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We found 16 mentions in open access literature.

Listed below are recent publications. The full list is available at [PRECISE-TBI](#) .

Tomassini A, et al. (2026) Alpha and Beta Corticomotor Phase Dynamics Shape Visuomotor Control on a Single-Trial Basis. The Journal of neuroscience : the official journal of the Society for Neuroscience, 46(7).

Mazzoni N, et al. (2026) Aperiodic and periodic neural activity during sleep in autism spectrum disorders. BMC medicine, 24(1).

Baselgia S, et al. (2025) Anticipation of Stress and Relaxation Dynamically Impacts Sleep. Clocks & sleep, 7(4).

Champetier P, et al. (2025) EEG Brain Rhythms During Resting-State Wakefulness and Sleep in Elderly Expert Meditators. Journal of sleep research, e70161.

Kurz EM, et al. (2024) Development of slow oscillation-spindle coupling from infancy to toddlerhood. Sleep advances : a journal of the Sleep Research Society, 5(1), zpae084.

Champetier P, et al. (2024) Multimodal neuroimaging correlates of spectral power in NREM sleep delta sub-bands in cognitively unimpaired older adults. Sleep.

Boon ME, et al. (2024) The daily reciprocal associations between electroencephalography measured sleep and affect. Journal of sleep research, e14258.

Hanert A, et al. (2024) Reduced overnight memory consolidation and associated alterations in sleep spindles and slow oscillations in early Alzheimer's disease. Neurobiology of disease, 190, 106378.

Bastian L, et al. (2024) Long-term memory formation for voices during sleep in three-month-old infants. Neurobiology of learning and memory, 215, 107987.

Senno S, et al. (2024) Investigation of the influence of 45-minute pre-sleep social media use on sleep quality and memory consolidation in adolescents. Sleep medicine, 124, 299.

Miao X, et al. (2023) Sleep consolidates stimulus-response learning. Learning & memory (Cold Spring Harbor, N.Y.), 30(9), 175.

Champetier P, et al. (2023) Age-related changes in fast spindle clustering during non-rapid eye movement sleep and their relevance for memory consolidation. *Sleep*, 46(5).

Beck J, et al. (2022) Stress dynamically reduces sleep depth: temporal proximity to the stressor is crucial. *Cerebral cortex* (New York, N.Y. : 1991), 33(1), 96.

Bastian L, et al. (2022) Spindle-slow oscillation coupling correlates with memory performance and connectivity changes in a hippocampal network after sleep. *Human brain mapping*, 43(13), 3923.

Weber FD, et al. (2021) Coupling of gamma band activity to sleep spindle oscillations - a combined EEG/MEG study. *NeuroImage*, 224, 117452.

Span?? G, et al. (2020) Sleeping with Hippocampal Damage. *Current biology : CB*, 30(3), 523.