

Resource Summary Report

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Cogent 2000

RRID:SCR_015672

Type: Tool

Proper Citation

Cogent 2000 (RRID:SCR_015672)

Resource Information

URL: http://www.vislab.ucl.ac.uk/cogent_2000.php

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Description: MATLAB Toolbox for presenting stimuli and recording responses with precise timing. It also provides additional utilities for the manipulation of sound, keyboard, mouse, joystick, serial port, parallel port, subject responses and physiological monitoring hardware.

Synonyms: Cogent

Resource Type: signal processing software, data processing software, software application, software toolkit, software resource

Keywords: matlab, timing, physiological monitoring, subject response, stimulus presenting, response recording

Funding:

Availability: Free, Available for download, Acknowledgment requested, Account required, Demo available

Resource Name: Cogent 2000

Resource ID: SCR_015672

License URLs: http://www.vislab.ucl.ac.uk/cogent_2000_terms_and_conditions.php

Record Creation Time: 20220129T080327+0000

Record Last Update: 20250421T054102+0000

Ratings and Alerts

No rating or validation information has been found for Cogent 2000.

No alerts have been found for Cogent 2000.

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We found 220 mentions in open access literature.

Listed below are recent publications. The full list is available at [FDI Lab - SciCrunch.org](#).

Soto V, et al. (2024) Take it sitting down: the effect of body posture on cortical potentials during free viewing-A mobile EEG recording study. *Frontiers in neuroscience*, 18, 1492427.

Tüscher O, et al. (2024) Altered cortical synaptic lipid signaling leads to intermediate phenotypes of mental disorders. *Molecular psychiatry*, 29(11), 3537.

Tolkacheva V, et al. (2024) Perceiving and misperceiving speech: lexical and sublexical processing in the superior temporal lobes. *Cerebral cortex* (New York, N.Y. : 1991), 34(3).

Borot L, et al. (2024) Prefrontal cortex activity and functional organisation in dual-task ocular pursuit is affected by concurrent upper limb movement. *Scientific reports*, 14(1), 9996.

Choi TJ, et al. (2024) Differences in alternative splicing events in the adaptive strategies of two *Daphnia galeata* genotypes induced by fish kairomones. *BMC genomics*, 25(1), 725.

Zimmermann B, et al. (2023) Topological structures and syntenic conservation in sea anemone genomes. *Nature communications*, 14(1), 8270.

Chen X, et al. (2023) Chronic stability of a neuroprosthesis comprising multiple adjacent Utah arrays in monkeys. *Journal of neural engineering*, 20(3), 036039.

Cui J, et al. (2023) De novo full-length transcriptome analysis of two ecotypes of *Phragmites australis* (swamp reed and dune reed) provides new insights into the transcriptomic complexity of dune reed and its long-term adaptation to desert environments. *BMC genomics*, 24(1), 180.

Strike LT, et al. (2023) The Queensland Twin Adolescent Brain Project, a longitudinal study of adolescent brain development. *Scientific data*, 10(1), 195.

Renner E, et al. (2023) Are there dedicated neural mechanisms for imitation? A study of grist and mills. *PloS one*, 18(9), e0291771.

Chen X, et al. (2023) Deciphering triterpenoid saponin biosynthesis by leveraging transcriptome response to methyl jasmonate elicitation in *Saponaria vaccaria*. *Nature communications*, 14(1), 7101.

Xiao F, et al. (2023) Full-length transcriptome characterization and comparative analysis of *Gleditsia sinensis*. *BMC genomics*, 24(1), 757.

Kim JS, et al. (2023) Hippocampal orchestration of associative and sequential memory networks for episodic retrieval. *Cell reports*, 42(8), 112989.

Schill J, et al. (2023) Parkinson's disease speech production network as determined by graph-theoretical network analysis. *Network neuroscience (Cambridge, Mass.)*, 7(2), 712.

Minenkova O, et al. (2022) Human inhalable antibody fragments neutralizing SARS-CoV-2 variants for COVID-19 therapy. *Molecular therapy : the journal of the American Society of Gene Therapy*, 30(5), 1979.

Elder GJ, et al. (2022) Quantifying test-retest reliability of repeated objective attentional measures in Lewy body dementia. *Journal of neurology*, 269(7), 3605.

Loayza FR, et al. (2022) The motor inhibitory network in patients with asymmetrical Parkinson's disease: An fMRI study. *Brain imaging and behavior*, 16(3), 1349.

King BR, et al. (2022) Persistence of hippocampal and striatal multivoxel patterns during awake rest after motor sequence learning. *iScience*, 25(12), 105498.

Koshikawa Y, et al. (2022) Disentangling cognitive inflexibility in major depressive disorder: A transcranial direct current stimulation study. *Psychiatry and clinical neurosciences*, 76(7), 329.

Chiappini E, et al. (2022) Anticipatory and Consummatory Responses to Touch and Food Rewards: A Protocol for Human Research. *Bio-protocol*, 12(4), e4325.