

Resource Summary Report

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THetA

RRID:SCR_001860

Type: Tool

Proper Citation

THetA (RRID:SCR_001860)

Resource Information

URL: <https://github.com/raphael-group/THetA>

Proper Citation: THetA (RRID:SCR_001860)

Description: An algorithm that estimates the tumor purity and clonal / subclonal copy number aberrations directly from high-throughput DNA sequencing data.

Synonyms: THetA: Tumor Heterogeneity Analysis, Tumor Heterogeneity Analysis, Tumor Heterogeneity Analysis (THetA)

Resource Type: software resource

Defining Citation: [PMID:23895164](#)

Keywords: standalone software

Availability: Free, Available for download, Freely available

Resource Name: THetA

Resource ID: SCR_001860

Alternate IDs: OMICS_03562

Alternate URLs: <http://compbio.cs.brown.edu/projects/theta/>

Record Creation Time: 20220129T080210+0000

Record Last Update: 20260801T190152+0000

Ratings and Alerts

No rating or validation information has been found for THetA.

No alerts have been found for THetA.

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We found 204 mentions in open access literature.

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

Tharawadeepimuk K, et al. (2025) Characterizing psychological states in professional athletes through EEG: sex-based differences. EXCLI journal, 24, 1.

Liyanagedera ND, et al. (2025) Novel machine learning-driven comparative analysis of CSP, STFT, and CSP-STFT fusion for EEG data classification across multiple meditation and non-meditation sessions in BCI pipeline. Brain informatics, 12(1), 4.

Shabestari PS, et al. (2025) Prediction of acoustic tinnitus suppression using resting-state EEG via explainable AI approach. Scientific reports, 15(1), 10968.

Ferrari T, et al. (2025) Parameter Scaling in Population Genetics Simulations may Introduce Unintended Background Selection: Considerations for Scaled Simulation Design. Genome biology and evolution, 17(6).

Shukla PK, et al. (2025) Salt rock creep deformation forecasting using deep neural networks and analytical models for subsurface energy storage applications. Scientific reports, 15(1), 34560.

Abramyan J, et al. (2025) Reduction of Tooth Replacement Disproportionately Affects the Evolution of Enamel Matrix Proteins. Journal of molecular evolution, 93(4), 494.

Habibi Asgarabad M, et al. (2025) Personal growth initiative: confirmatory factor analysis, gender invariance, and external validity of the Persian version. Frontiers in psychology, 16, 1576783.

Porter BS, et al. (2025) Adapt-A-Maze: An Open-Source Adaptable and Automated Rodent Behavior Maze System. eNeuro, 12(7).

Main RM, et al. (2025) Dual-Action NO Delivery from One Mixed Metal Metal-Organic Framework. Inorganic chemistry, 64(9), 4399.

Krumm G, et al. (2025) Exploring the neural basis of creativity: EEG analysis of power spectrum and functional connectivity during creative tasks in school-aged children. Frontiers in computational neuroscience, 19, 1548620.

O'Reilly D, et al. (2025) Quantifying the diverse contributions of hierarchical muscle interactions to motor function. iScience, 28(1), 111613.

Dong W, et al. (2025) Effect of Bone Microstructure Derived From CBCT on the Accuracy of Robot-Assisted Implant Surgery: A Retrospective Study. *Clinical oral implants research*, 36(6), 673.

Awashra M, et al. (2025) Stable Air Plastron Prolongs Biofluid Repellency of Submerged Superhydrophobic Surfaces. *Langmuir : the ACS journal of surfaces and colloids*, 41(3), 1807.

Richardson S, et al. (2025) A machine learning approach to population pharmacokinetic modelling automation. *Communications medicine*, 5(1), 327.

Ronca V, et al. (2025) A Multimodal Neurophysiological Approach to Evaluate Educational Contents in Terms of Cognitive Processes and Engagement. *Bioengineering (Basel, Switzerland)*, 12(6).

de Beurs E, et al. (2025) Community Norms for the Symptom Questionnaire (SQ-48): Normalised T-Scores and Percentile Rank Order Scores. *Clinical psychology & psychotherapy*, 32(2), e70056.

Moraes Dos Santos L, et al. (2024) Deep learning for discriminating non-trivial conformational changes in molecular dynamics simulations of SARS-CoV-2 spike-ACE2. *Scientific reports*, 14(1), 22639.

Halamov?? J, et al. (2024) The development of the Compassion Satisfaction and Compassion Fatigue scale. *Frontiers in public health*, 12, 1406467.

Cortes DRE, et al. (2024) Modeling Normal Mouse Uterine Contraction and Placental Perfusion with Non-invasive Longitudinal Dynamic Contrast Enhancement MRI. *bioRxiv : the preprint server for biology*.

Acedo Reina E, et al. (2024) Vagus nerve electroneurogram-based detection of acute kainic acid induced seizures. *Frontiers in neuroscience*, 18, 1427308.