Resource Summary Report

Generated by dkNET on May 23, 2025

BOOST

RRID:SCR_013133

Type: Tool

Proper Citation

BOOST (RRID:SCR_013133)

Resource Information

URL: http://bioinformatics.ust.hk/BOOST.html

Proper Citation: BOOST (RRID:SCR_013133)

Description: Software application (entry from Genetic Analysis Software) for a method for detecting gene-gene interactions. It allows examining all pairwise interactions in genomewide case-control studies.

Abbreviations: BOOST

Synonyms: BOolean Operation based Screening and Testing

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

analysis software

Keywords: gene, genetic, genomic, logistic regression model, gene-gene interactions

Funding:

Availability: Free, Available for download

Resource Name: BOOST

Resource ID: SCR_013133

Alternate IDs: nlx_154249

Record Creation Time: 20220129T080314+0000

Record Last Update: 20250523T054958+0000

Ratings and Alerts

No rating or validation information has been found for BOOST.

No alerts have been found for BOOST.

Data and Source Information

Source: SciCrunch Registry

Usage and Citation Metrics

We found 30 mentions in open access literature.

Listed below are recent publications. The full list is available at dkNET.

Lee YC, et al. (2024) Enhancing COVID-19 booster vaccination among the elderly through text message reminders. Human vaccines & immunotherapeutics, 20(1), 2375665.

Qayoom A, et al. (2024) A novel approach for credit card fraud transaction detection using deep reinforcement learning scheme. PeerJ. Computer science, 10, e1998.

Collett BR, et al. (2024) Book-Sharing for Toddlers with Clefts (BOOST): Protocol for a randomized controlled trial of a remote intervention to promote language development in children with cleft palate. PloS one, 19(6), e0304630.

Luboeinski J, et al. (2023) Stabilization through self-coupling in networks of small-world and scale-free topology. Scientific reports, 13(1), 1089.

Karkaria BD, et al. (2022) Chaos in synthetic microbial communities. PLoS computational biology, 18(10), e1010548.

Comellas M, et al. (2022) A Dynamic Wheelchair Armrest for Promoting Arm Exercise and Mobility After Stroke. IEEE transactions on neural systems and rehabilitation engineering: a publication of the IEEE Engineering in Medicine and Biology Society, 30, 1829.

Williamson E, et al. (2022) The Clinical Effectiveness of a Physiotherapy Delivered Physical and Psychological Group Intervention for Older Adults With Neurogenic Claudication: The BOOST Randomized Controlled Trial. The journals of gerontology. Series A, Biological sciences and medical sciences, 77(8), 1654.

van Dijk LV, et al. (2022) Proton Image-guided Radiation Assignment for Therapeutic Escalation via Selection of locally advanced head and neck cancer patients [PIRATES]: A Phase I safety and feasibility trial of MRI-guided adaptive particle radiotherapy. Clinical and translational radiation oncology, 32, 35.

Hung KL, et al. (2022) Targeted profiling of human extrachromosomal DNA by CRISPR-

CATCH. Nature genetics, 54(11), 1746.

López C, et al. (2022) The key role of differential broad H3K4me3 and H3K4ac domains in breast cancer. Gene, 826, 146463.

Librado P, et al. (2021) The origins and spread of domestic horses from the Western Eurasian steppes. Nature, 598(7882), 634.

Basu S, et al. (2021) Plausible blockers of Spike RBD in SARS-CoV2-molecular design and underlying interaction dynamics from high-level structural descriptors. Journal of molecular modeling, 27(6), 191.

van Driessche A, et al. (2021) Advance care planning for adolescents with cancer and their parents: study protocol of the BOOST pACP multi-centre randomised controlled trial and process evaluation. BMC pediatrics, 21(1), 376.

Rizvi SFJ, et al. (2021) Numerical Analysis of a Liquid Nitrogen (LN2) Engine for Efficient Energy Conversion. ACS omega, 6(24), 15663.

Creemers JHA, et al. (2021) A tipping point in cancer-immune dynamics leads to divergent immunotherapy responses and hampers biomarker discovery. Journal for immunotherapy of cancer, 9(5).

Luboeinski J, et al. (2021) Memory consolidation and improvement by synaptic tagging and capture in recurrent neural networks. Communications biology, 4(1), 275.

Evans S, et al. (2020) Systems biology predicts that fibrosis in tuberculous granulomas may arise through macrophage-to-myofibroblast transformation. PLoS computational biology, 16(12), e1008520.

Correia T, et al. (2020) Accelerated high-resolution free-breathing 3D whole-heart T2-prepared black-blood and bright-blood cardiovascular magnetic resonance. Journal of cardiovascular magnetic resonance: official journal of the Society for Cardiovascular Magnetic Resonance, 22(1), 88.

Gustavsen JA, et al. (2019) RCy3: Network biology using Cytoscape from within R. F1000Research, 8, 1774.

Zhang S, et al. (2019) Region-based interaction detection in genome-wide case-control studies. BMC medical genomics, 12(Suppl 7), 133.