

Resource Summary Report

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CATS

RRID:SCR_009139

Type: Tool

Proper Citation

CATS (RRID:SCR_009139)

Resource Information

URL: <http://www.sph.umich.edu/csg/abecasis/CaTS/>

Proper Citation: CATS (RRID:SCR_009139)

Description: Software application that calculates the power and other useful quantities for two-stage genome-wide association studies (entry from Genetic Analysis Software)

Abbreviations: CATS

Synonyms: power Calculator for Association with Two Stage design

Resource Type: software application, software resource

Keywords: gene, genetic, genomic, c++, unix, linux, ms-windows, macos

Resource Name: CATS

Resource ID: SCR_009139

Alternate IDs: nlx_154258

Record Creation Time: 20220129T080251+0000

Record Last Update: 20260903T235003+0000

Ratings and Alerts

No rating or validation information has been found for CATS.

No alerts have been found for CATS.

Data and Source Information

Usage and Citation Metrics

We found 246 mentions in open access literature.

Listed below are recent publications. The full list is available at [kravitz2](#) .

Strauven S, et al. (2025) A pilot study of a brief and scalable psychosocial intervention for children and adolescents following disasters. The British journal of clinical psychology, 64(1), 6.

Gaeckle N, et al. (2025) Real-World Evaluation of an EHR-Enabled Chronic Obstructive Pulmonary Disease Assessment Test. International journal of chronic obstructive pulmonary disease, 20, 325.

Payne R, et al. (2025) Transitioning between clinical and academic practice from the perspectives of clinical academic trainees, academic training programme directors and academic supervisors: a mixed methods study. BMC medical education, 25(1), 236.

Colledani D, et al. (2025) Fast, smart, and adaptive: using machine learning to optimize mental health assessment and monitor change over time. Scientific reports, 15(1), 6492.

Harerimana E, et al. (2025) Family correlates of behavioral problems among adolescents in Rwanda. PloS one, 20(2), e0314507.

Fenwick EK, et al. (2024) Efficiency, Precision, Validity, and Reliability of GlauCAT-Asian Computerized Adaptive Tests in Measuring Glaucoma-Related Quality of Life. Translational vision science & technology, 13(2), 6.

Seigler SW, et al. (2023) A single-center, nonblinded, clinical trial comparing blood pressures before and after tourniquet application in healthy humans: A study protocol. PloS one, 18(1), e0280139.

Pennock RL, et al. (2023) Afferent convergence to a shared population of interneuron AMPA receptors. Nature communications, 14(1), 3113.

van der Willik EM, et al. (2023) Validity and reliability of the Patient-Reported Outcomes Measurement Information System (PROMIS®) using computerized adaptive testing in patients with advanced chronic kidney disease. Nephrology, dialysis, transplantation : official publication of the European Dialysis and Transplant Association - European Renal Association, 38(5), 1158.

Terwee CB, et al. (2023) Responsiveness and minimal important change of seven PROMIS computerized adaptive tests (CAT) in patients with advanced chronic kidney disease. Journal of patient-reported outcomes, 7(1), 35.

Kanaporis G, et al. (2023) Calcium- and voltage-driven atrial alternans: Insight from [Ca]²⁺ and V_m asynchrony. Physiological reports, 11(10), e15703.

Ghorbel M, et al. (2023) Catalase Gene Family in Durum Wheat: Genome-Wide Analysis and Expression Profiling in Response to Multiple Abiotic Stress Conditions. *Plants (Basel, Switzerland)*, 12(14).

Ahmed S, et al. (2022) Biomedical Research and Informatics Living Laboratory for Innovative Advances of New Technologies in Community Mobility Rehabilitation: Protocol for Evaluation and Rehabilitation of Mobility Across Continuums of Care. *JMIR research protocols*, 11(6), e12506.

Harrison CJ, et al. (2022) Computerized adaptive testing for the Oxford Hip, Knee, Shoulder, and Elbow scores : accurate measurement from fewer, and more patient-focused, questions. *Bone & joint open*, 3(10), 786.

Rausch-Koster TP, et al. (2022) Optimizing Computer Adaptive Test Performance: A Hybrid Simulation Study to Customize the Administration Rules of the CAT-EyeQ in Macular Edema Patients. *Translational vision science & technology*, 11(11), 14.

Halldórsson SA, et al. (2022) Rapid shifting of a deep magmatic source at Fagradalsfjall volcano, Iceland. *Nature*, 609(7927), 529.

Kurian SM, et al. (2022) Ca²⁺ Signalling Differentially Regulates Germ-Tube Formation and Cell Fusion in *Fusarium oxysporum*. *Journal of fungi (Basel, Switzerland)*, 8(1).

Martinez-Hernandez E, et al. (2022) Mechanism of carvedilol induced action potential and calcium alternans. *Channels (Austin, Tex.)*, 16(1), 97.

Heise TL, et al. (2022) CAT HPPR: a critical appraisal tool to assess the quality of systematic, rapid, and scoping reviews investigating interventions in health promotion and prevention. *BMC medical research methodology*, 22(1), 334.

Graf J, et al. (2022) Network instability dynamics drive a transient bursting period in the developing hippocampus in vivo. *eLife*, 11.