

Resource Summary Report

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POWER

RRID:SCR_009057

Type: Tool

Proper Citation

POWER (RRID:SCR_009057)

Resource Information

URL: <http://dceg.cancer.gov/tools/design/power>

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Description: Windows-based program for computation of sample size and power for binary outcome studies (case-control and cohort studies) based on a logistic-like regression model with one covariate or two covariates (e.g., gene-exposure interactions). (entry from Genetic Analysis Software)

Abbreviations: POWER

Resource Type: software application, software resource

Keywords: gene, genetic, genomic, ms-window

Resource Name: POWER

Resource ID: SCR_009057

Alternate IDs: nlx_154038

Old URLs: <http://dceg.cancer.gov/POWER/>

Record Creation Time: 20220129T080250+0000

Record Last Update: 20260905T133242+0000

Ratings and Alerts

No rating or validation information has been found for POWER.

No alerts have been found for POWER.

Data and Source Information

Usage and Citation Metrics

We found 602 mentions in open access literature.

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

Uma U, et al. (2026) Analyzing Color, Surface Roughness, and Microhardness on the Unpolished and Polished Surfaces of Occlusal Splint Materials From Conventional and CAD-CAM Fabrication Methods. International journal of dentistry, 2026, 9002663.

Yousef EM, et al. (2026) Dexmedetomidine and Apigenin Combination Mitigates Memory Deficits Caused by Microglial Activation and Hippocampal Neurogenesis Impairment in Methotrexate-Induced Chemo-Brain in Rats. Neural plasticity, 2026(1), e9434180.

Zhou M, et al. (2026) The Impact of Peer Stress on Disordered Eating Behaviors in Youths With Type 1 Diabetes: A Parallel Mediation Effect of Dual-Mode Self-Control. Journal of diabetes research, 2026(1), e9964884.

Badr BM, et al. (2026) Evaluation of GCF Adiponectin and Resistin Expression Level as an Indicator in Periodontal Staging and Grading After Periodontal Therapy in Class III Obese Patients. International journal of dentistry, 2026, 6645532.

Penz E, et al. (2026) Early and Sustained Asthma Control and Remission in Real-World Patients With Severe Eosinophilic Asthma Treated With Benralizumab: XALOC-2. Clinical and experimental allergy : journal of the British Society for Allergy and Clinical Immunology, 56(3), 212.

Liu Y, et al. (2026) Nasolabial morphological changes following anterior vs. subapical maxillary segmental osteotomy: a comparative study. Head & face medicine, 22(1).

Porojan L, et al. (2026) Tribological Performance of CAM-Processed Interim Dental Restoration Materials: Effects of 3D Printing, Milling, and Post-Processing on Wear and Surface Topography. Journal of functional biomaterials, 17(3).

Sabine SS, et al. (2026) Heat Shock Proteins 60 and 70, Ki67 and Caspase 3 Are Differentially Expressed in the Canine Pregnant and Non-Pregnant Uterus and Ovaries. Veterinary sciences, 13(5).

Hussain S, et al. (2026) GWAS on yield-related traits of Pakistani wheat under post-anthesis heat stress. BMC genomics, 27(1).

Xu G, et al. (2026) Comparison of procedural efficiency and safety between transradial and transfemoral approaches in elective diagnostic cerebral angiography: A retrospective cohort study. Medicine, 105(21), e48967.

Snobar AM, et al. (2026) Effectiveness of Thumb Sleeve Distraction and Pop-It Therapeutic Play in Reducing Dental Anxiety and Pain in Children Aged 4-6 Years Undergoing Mandibular Alveolar Nerve Block: A Randomized Controlled Trial. International journal of dentistry, 2026, 9319639.

Batterton C, et al. (2026) On a neural phonon model of EEG brain dynamics. *Journal of computational neuroscience*, 54(2), 177.

Kalokhe AS, et al. (2026) 'Ghya Bharaari Ekatra': study protocol for a cluster randomized trial to evaluate a couples-based intervention for the primary prevention of intimate partner violence in India. *BMC public health*, 26(1).

Alsaber A, et al. (2025) Optimizing potato yield predictions in Uttar Pradesh, India: a comparative analysis of machine learning models. *Scientific reports*, 15(1), 26897.

Bourdier P, et al. (2025) Energy balance in women during polar trekking-The POWER study. *Physiological reports*, 13(13), e70443.

Wei R, et al. (2025) Developmental validation of a novel multiple genotyping assay with 23 pigeon STR loci. *Forensic sciences research*, 10(4), owaf037.

Hosack GR, et al. (2025) Prediction of mosquito vector abundance for three species in the *Anopheles gambiae* complex. *Parasites & vectors*, 18(1), 497.

Mahmoud HMM, et al. (2025) Evaluation of collagen sponge and xenografts versus collagen sponge alone in alveolar ridge preservation: a randomized controlled clinical trial. *Scientific reports*, 15(1), 43286.

Chambers TL, et al. (2025) Methylome-proteome integration after late-life voluntary exercise training reveals regulation and target information for improved skeletal muscle health. *The Journal of physiology*, 603(1), 211.

Kargar S, et al. (2025) Pasteurized waste milk vs. milk replacer at the same crude protein:metabolizable energy ratio with different energy sources (fat vs. lactose) to pre-weaning Holstein calves: Effects on growth performance, feeding behavior, and health. *PloS one*, 20(1), e0317405.