

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

Funding:

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: 20250420T015740+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

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We found 539 mentions in open access literature.

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

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.

Dunston ER, et al. (2025) Preliminary Effectiveness of a Telehealth-Delivered Exercise Program in Older Adults Living With and Beyond Cancer: Retrospective Study. *JMIR cancer*, 11, e56718.

Dorward J, et al. (2024) Urine tenofovir and dried blood spot tenofovir diphosphate concentrations and viraemia in people taking efavirenz and dolutegravir-based antiretroviral therapy. *AIDS (London, England)*, 38(5), 697.

Bara-Gaseni N, et al. (2024) Histological assessment of a novel de-epithelialization method for connective tissue grafts harvested from the palate. An experimental study in cadavers. *Clinical oral investigations*, 28(6), 343.

Rousseau E, et al. (2024) Exploring adolescent girls and young women's PrEP-user profiles: qualitative insights into differentiated PrEP delivery platform selection and engagement in Cape Town, South Africa. *Journal of the International AIDS Society*, 27(5), e26254.

Mhlanga B, et al. (2024) Understanding the interactions of genotype with environment and management (G×E×M) to maize productivity in Conservation Agriculture systems of Malawi. *PloS one*, 19(4), e0298009.

Kono S, et al. (2024) Transcanthal Canthopexy for Involutional Lower Eyelid Entropion Corrects Horizontal Laxity. *Journal of ophthalmology*, 2024, 4694296.

Kumar A, et al. (2024) Investigating the phenology and interactions of competitive plant species co-occurring with invasive *Lantana camara* in Indian Himalayan Region. *Scientific reports*, 14(1), 400.

Tamimi I, et al. (2024) The treatment of bacterial biofilms cultivated on knee arthroplasty implants using the bioelectric effect. *Frontiers in bioengineering and biotechnology*, 12, 1426388.

Kleih SC, et al. (2024) Post-stroke aphasia rehabilitation using an adapted visual P300 brain-computer interface training: improvement over time, but specificity remains undetermined. *Frontiers in human neuroscience*, 18, 1400336.

Sakr AH, et al. (2024) Amelogenin-inspired peptide, calcium phosphate solution, fluoride and their synergistic effect on enamel biomimetic remineralization: an in vitro pH-cycling model. *BMC oral health*, 24(1), 279.

Kc S, et al. (2024) Butterfly Diversity and Community Dynamics in the Central Himalayas: Species Composition, Richness, Abundance, and Seasonal Variation of Butterflies (Lepidoptera: Papilionoidea) in Bhorletar, Nepal. *Ecology and evolution*, 14(12), e70612.

Owumi SE, et al. (2024) An in vivo and in silico probing of the protective potential of betaine against sodium fluoride-induced neurotoxicity. *BMC pharmacology & toxicology*, 25(1), 87.

Sarmiento RJ, et al. (2024) Workflow and Short-Term Functional Outcomes in Simultaneous Acute Code Stroke Activation and Stroke Reperfusion Therapy. *NeuroSci*, 5(3), 291.

Deshahalli Divakara D, et al. (2024) Exploring genetic diversity of potential legume, *Vigna angularis* (Willd.) Ohwi and Ohashi through agro-morphological traits and SSR markers analysis. *PloS one*, 19(12), e0312845.

Padiyar S, et al. (2024) Maternal and infant microbiome and birth anthropometry. *iScience*, 27(10), 110312.

Thomas A, et al. (2024) Exploring malaria prediction models in Togo: a time series forecasting by health district and target group. *BMJ open*, 14(1), e066547.

Johannes N, et al. (2024) Impact of pH-adjusted fluoride and stannous solutions on the protective properties on the pellicle layer in vitro and in situ. *Scientific reports*, 14(1), 3378.

Kowal M, et al. (2024) Ebbing Strength, Fading Power: Unveiling the Impact of Persistent Fatigue on Muscle Performance in COVID-19 Survivors. *Sensors (Basel, Switzerland)*, 24(4).