

Resource Summary Report

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G*Power

RRID:SCR_013726

Type: Tool

Proper Citation

G*Power (RRID:SCR_013726)

Resource Information

URL: <http://www.gpower.hhu.de/>

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Description: Data analytics software to compute statistical power analyses for many commonly used statistical tests in social and behavioral research. It can also be used to compute effect sizes and to graphically display the results of power analyses.

Synonyms: G Star Power, G Power, G*Power - Statistical Power Analyses for Windows and Mac

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

Defining Citation: [PMID:17695343](#)

Keywords: statistics, t-test, effect of size, power analysis

Availability: Free, Public

Resource Name: G*Power

Resource ID: SCR_013726

Record Creation Time: 20220129T080317+0000

Record Last Update: 20260905T133256+0000

Ratings and Alerts

No rating or validation information has been found for G*Power.

No alerts have been found for G*Power.

Data and Source Information

Usage and Citation Metrics

We found 18041 mentions in open access literature.

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

Kosmidis I, et al. (2026) Effects of a nutritional supplement containing fish protein, vitamin D, and ω 3 fatty acids, taken during high-intensity functional training, on physical performance in recreationally trained individuals: a randomized controlled trial. *European journal of nutrition*, 65(4).

Xu HZ, et al. (2026) Age differences in episodic memory for restructured novel objects: The effect of schema deviations. *Neurobiology of learning and memory*, 225, 108155.

Kondoh S, et al. (2026) A chill brain-music interface for enhancing music chills with personalized playlists. *iScience*, 29(1), 114508.

Lara Castillo NA, et al. (2026) Exercise beneficially reshapes fasted rat skeletal muscle involving the combined action of β -hydroxybutyrate and palmitoleic acid. *American journal of physiology. Cell physiology*, 330(4), C1006.

Apicella MCA, et al. (2026) Myofibrillar Protein Synthesis Rates Do not Differ With Low and High Estradiol Concentrations Across the Menstrual Cycle. *The Journal of clinical endocrinology and metabolism*, 111(2), e431.

D'Alessio A, et al. (2026) Neurometabolic adaptations to intestinal inflammation in a mouse model of colitis. *American journal of physiology. Gastrointestinal and liver physiology*, 330(2), G98.

Gracia G, et al. (2026) Removal of Interstitial Hyaluronan Facilitates Subcutaneous Administration and Lymphatic Delivery of Anti-CTLA4 and Improves Antitumor Efficacy. *Cancer immunology research*, 14(3), 450.

Veeckmans G, et al. (2026) Ferroptosis inhibition enhances liver and lung graft function. *Cell*, 189(13), 3991.

Wei Z, et al. (2026) Sleeve gastrectomy improves cognition by enhancing central ERK/CREB/BDNF pathway through increased GIP secretion. *iScience*, 29(7), 116292.

Liu J, et al. (2026) Synergistic Renoprotective Effects of Moderate-Intensity Resistance Training and Vitamin D Supplementation on a Type 2 Diabetic Nephropathy Rat Model. *FASEB journal : official publication of the Federation of American Societies for Experimental Biology*, 40(11), e71894.

Türüdü S, et al. (2026) Platform, modality, and gamification effects on digit span task performance. *iScience*, 29(6), 116018.

Kobayashi H, et al. (2026) Netrin-1 Promotes Pancreatic Tumorigenesis and Innervation through NEO1. *Cancer research*, 86(8), 1883.

Tang X, et al. (2026) Echoes of the mind's eye: Reciprocal crossmodal interaction between auditory and visual processing. *iScience*, 29(3), 114990.

Xu HZ, et al. (2026) Aging Weakens Memory for Schema-Deviant Objects and Decouples Gaze Sampling from Retrieval Decisions. *Brain sciences*, 16(3).

Kabbashi S, et al. (2026) Association of OPG, TNF- α , and IL-1B Gene Variants With Periodontitis in a South African Population. *International dental journal*, 76(4), 109606.

Filfilan WM, et al. (2026) Supra-additive neuroprotective effects of berberine-metformin combination in diabetic encephalopathy: Chou-Talalay synergy quantification, AMPK-Nrf2 axis modulation, and pharmacokinetic verification. *Metabolic brain disease*, 41(1).

Contreras-Altamirano M, et al. (2026) A portable solution for simultaneous human movement and mobile EEG acquisition: readiness potential for basketball free-throw shooting. *Experimental brain research*, 244(8).

Kobayashi H, et al. (2026) A self-amplifying nerve-fibroblast circuit drives colorectal cancer progression. *Cancer cell*.

D'Andrea G, et al. (2026) Hydroxytyrosol Mitigates Anxiety-Like Behaviors After a Traumatic Experience in Aged Mice in Parallel With Increased Neurogenesis in the Ventral and Dorsal Dentate Gyrus, and Preservation of Gut Microbiota Composition. *Journal of neurochemistry*, 170(5), e70448.

Zhang Q, et al. (2026) Exploring the relationship between lower-limb strength and neuromuscular activation in running: Insights from integrated EMG. *iScience*, 29(4), 115232.