

Resource Summary Report

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WinBUGS

RRID:SCR_018516

Type: Tool

Proper Citation

WinBUGS (RRID:SCR_018516)

Resource Information

URL: <https://www.mrc-bsu.cam.ac.uk/software/bugs/the-bugs-project-winbugs/>

Proper Citation: WinBUGS (RRID:SCR_018516)

Description: Software package for Bayesian analysis of complex statistical models using Markov chain Monte Carlo methods.

Synonyms: Win Bayesian inference Using Gibbs Sampling

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

Keywords: Bayesian analysis, statistical model analysis, Markov chain Monte Carlo, data analysis

Availability: Restricted

Resource Name: WinBUGS

Resource ID: SCR_018516

License URLs: <https://www.mrc-bsu.cam.ac.uk/software/bugs/the-bugs-project-winbugs/winbugs-license-agreement/>

Record Creation Time: 20220129T080340+0000

Record Last Update: 20260803T040749+0000

Ratings and Alerts

No rating or validation information has been found for WinBUGS.

No alerts have been found for WinBUGS.

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We found 215 mentions in open access literature.

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

Ren S, et al. (2026) Evaluating amyloid-beta as a surrogate endpoint in trials of anti-amyloid-beta drugs in Alzheimer's disease: a Bayesian meta-analysis. *Journal of comparative effectiveness research*, 15(1), e250095.

Castro E, et al. (2025) Comparative efficacy and safety of talazoparib plus enzalutamide and other first-line treatments for metastatic castration-resistant prostate cancer. *The oncologist*, 30(3).

Yu J, et al. (2025) A comprehensive comparison of third generation epidermal growth factor receptor tyrosine kinase inhibitors in the treatment efficacy and adverse events: A Bayesian meta-analysis. *Global medical genetics*, 12(3), 100064.

Jin Z, et al. (2025) Diverging trends in the global burden of ischemic heart disease attributable to non-optimal temperatures: a historical analysis (1990-2021) and 2050 projections. *Frontiers in public health*, 13, 1593346.

Huang Y, et al. (2025) Comparing the biopsy strategies of prostate cancer: a systematic review and network meta-analysis. *BMC cancer*, 25(1), 786.

Ostuni A, et al. (2025) Comparative Evaluation of a Multistrain Indirect ELISA Targeting Anti- p26 and gp45 Antibodies for EIAV Detection. *Pathogens (Basel, Switzerland)*, 14(6).

Pouchin P, et al. (2025) Geographical variability in cancer incidence explained by the socioeconomic environment: an example of lung cancer in northwestern France. *Journal of epidemiology and community health*, 79(3), 200.

Jinks RC, et al. (2025) Evaluating sensitivity and specificity of the DPP Vet TB assay in badgers using Bayesian latent class models. *PloS one*, 20(3), e0313825.

Liu J, et al. (2025) Efficacy and Safety of Non-Pharmacological Therapies for Primary Dysmenorrhea: A Network Meta-Analysis. *Journal of pain research*, 18, 975.

Saramago P, et al. (2025) Negative pressure wound therapy for surgical wounds healing by secondary intention is not cost-effective. *The British journal of surgery*, 112(5).

Withrow DR, et al. (2025) Determinants of geographic variation in the incidence of adult nonmalignant meningioma in the United States, 2010-2019. *Cancer*, 131(18), e70042.

Shi R, et al. (2025) Clinical Assessment of Common Medications for Nonalcoholic Fatty Liver Disease: A Systematic Review and Bayesian Network Meta-Analysis. *Journal of evidence-based medicine*, 18(1), e70002.

Xu J, et al. (2025) Spatiotemporal Dynamics of Relative Grip Strength in China: Comprehensive Analysis from 2000 to 2020 National Surveys. *Sports medicine - open*, 11(1), 137.

Schettini F, et al. (2025) Identifying the best treatment choice for relapsing/refractory glioblastoma: a systematic review with multiple Bayesian network meta-analyses. *The oncologist*, 30(7).

Stacey D, et al. (2025) The Effect of Patient Decision Aid Attributes on Patient Outcomes: A Network Meta-Analysis of a Systematic Review. *Medical decision making : an international journal of the Society for Medical Decision Making*, 45(4), 437.

Kang Y, et al. (2025) Efficacy and safety of first-line CDK4/6 inhibitors plus AI therapy for patients with HR +/HER2- advanced breast cancer: a network meta-analysis. *BMC cancer*, 25(1), 843.

Wojciechowski P, et al. (2025) Efficacy, Safety, and Injection Frequency with Novel Aflibercept 8 mg in Neovascular Age-Related Macular Degeneration: A Comparison with Existing Anti-VEGF Regimens Using a Bayesian Network Meta-Analysis. *Ophthalmology and therapy*, 14(4), 733.

Shan Z, et al. (2025) Analysis of the burden of disease for male infertility globally and in China from 1990 to 2021. *Translational andrology and urology*, 14(5), 1363.

Walsh S, et al. (2025) Network Meta-Analysis of Pharmacological Therapies for Long-Term Prophylactic Treatment of Patients with Hereditary Angioedema. *Drugs in R&D*, 25(2), 161.

Arik A, et al. (2025) Cancer disparities: Projection, COVID-19, and scenario-based diagnosis delay impact. *PloS one*, 20(9), e0330752.