

Resource Summary Report

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Online Application for Survival Analysis (OASIS)

RRID:SCR_014450

Type: Tool

Proper Citation

Online Application for Survival Analysis (OASIS) (RRID:SCR_014450)

Resource Information

URL: <http://sbi.postech.ac.kr/oasis/introduction/>

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Description: A tool for various statistical tasks involved in analyzing survival data which provides a uniform platform to facilitate efficient statistical analyses of survival data in the aging field. The statistical features of OASIS include the calculation of Kaplan-Meier estimates, mean/median lifespan, mortality rate, Mantel-Cox Log-Rank test, Fishers exact test, weighted Log-Rank test, Kolmogorov-Smirnov test and Neymans smooth test. Moreover, OASIS generates survival and mortality curves that can be easily exported and modified by using common graphic softwares.

Abbreviations: OASIS

Synonyms: Online Application for Survival Analysis

Resource Type: software resource, web application

Defining Citation: [PMID:21858155](#)

Keywords: statistical analysis system, web application, survival data, data analysis, aging

Funding: POSTECH BRI Grant ;
National Core Research Center for Systems Bio-Dynamics 20090091509;
World Class University program R31-2010-000-10100-0

Availability: Source code is available, Acknowledgement required, Python must be installed

Resource Name: Online Application for Survival Analysis (OASIS)

Resource ID: SCR_014450

Record Creation Time: 20220129T080320+0000

Ratings and Alerts

No rating or validation information has been found for Online Application for Survival Analysis (OASIS).

No alerts have been found for Online Application for Survival Analysis (OASIS).

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We found 12 mentions in open access literature.

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

Ahsan FM, et al. (2026) Reductive death is averted by a conserved de novo lipogenic switch. *Molecular cell*, 86(13), 2539.

Tse-Kang SY, et al. (2024) Lysosome-related organelle integrity suppresses TIR-1 aggregation to restrain toxic propagation of p38 innate immunity. *Cell reports*, 43(9), 114674.

Tse-Kang SY, et al. (2024) Intestinal immunity in *C. elegans* is activated by pathogen effector-triggered aggregation of the guard protein TIR-1 on lysosome-related organelles. *Immunity*, 57(10), 2280.

Peterson ND, et al. (2023) Non-canonical pattern recognition of a pathogen-derived metabolite by a nuclear hormone receptor identifies virulent bacteria in *C. elegans*. *Immunity*, 56(4), 768.

Kallakuri S, et al. (2017) Neuronal Injury and Glial Changes Are Hallmarks of Open Field Blast Exposure in Swine Frontal Lobe. *PloS one*, 12(1), e0169239.

Singh A, et al. (2016) A chromatin modifier integrates insulin/IGF-1 signalling and dietary restriction to regulate longevity. *Aging cell*, 15(4), 694.

Ding W, et al. (2015) s-Adenosylmethionine Levels Govern Innate Immunity through Distinct Methylation-Dependent Pathways. *Cell metabolism*, 22(4), 633.

Kumar N, et al. (2015) Genome-wide endogenous DAF-16/FOXO recruitment dynamics during lowered insulin signalling in *C. elegans*. *Oncotarget*, 6(39), 41418.

Castro JJ, et al. (2014) Retinal-image quality and night-vision performance after alcohol consumption. *Journal of ophthalmology*, 2014, 704823.

Khalifa MA, et al. (2012) Visual outcome after correcting the refractive error of large pupil patients with wavefront-guided ablation. *Clinical ophthalmology (Auckland, N.Z.)*, 6, 2001.

Sann SB, et al. (2012) Rabx-5 regulates RAB-5 early endosomal compartments and synaptic vesicles in *C. elegans*. *PloS one*, 7(6), e37930.

Murtaugh CM, et al. (2007) Risk adjustment and public reporting on home health care. *Health care financing review*, 28(3), 77.