

Resource Summary Report

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imDEV

RRID:SCR_014674

Type: Tool

Proper Citation

imDEV (RRID:SCR_014674)

Resource Information

URL: <https://imdevsoftware.wordpress.com/imdev/>

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Description: A software application of RExcel that integrates R into Excel as an embedded additon for omics tasks and analysis. It can be used specifically for tasks concerning multivariate data visualization, exploration, and analysis. imDev has interactive modules for dimensional reduction, prediction, feature selection, analysis of correlation, and generation of networked structures, all of which provide an integrated environment for systems level analysis of multivariate data.

Synonyms: Interactive modules for Data Exploration and Visualization, Interactive modules for Data Exploration and Visualization (imDEV)

Resource Type: software application, software resource, systems interoperability software

Defining Citation: [DOI:10.1093/bioinformatics/bts439](https://doi.org/10.1093/bioinformatics/bts439)

Keywords: statistical analysis, statistical analysis package, r, r package, excel, data visualization, feature selection, omics, systems interoperability, software, metabolomics, bio.tools

Availability: Supports Microsoft Excel versions 2003-2010

Resource Name: imDEV

Resource ID: SCR_014674

Alternate IDs: biotools:imdev

Alternate URLs: <https://sourceforge.net/projects/imdev/>, <https://bio.tools/imdev>

Record Creation Time: 20220129T080321+0000

Ratings and Alerts

No rating or validation information has been found for imDEV.

No alerts have been found for imDEV.

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We found 8 mentions in open access literature.

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

Aryaie A, et al. (2020) Actions of annatto-extracted tocotrienol supplementation on obese postmenopausal women: study protocol for a double-blinded, placebo-controlled, randomised trial. *BMJ open*, 10(3), e034338.

Walsh P, et al. (2016) A Randomized Placebo Controlled Trial of Ibuprofen for Respiratory Syncytial Virus Infection in a Bovine Model. *PloS one*, 11(4), e0152913.

Watkins BA, et al. (2016) Circulating levels of endocannabinoids and oxylipins altered by dietary lipids in older women are likely associated with previously identified gene targets. *Biochimica et biophysica acta*, 1861(11), 1693.

Midtb?? LK, et al. (2015) Intake of farmed Atlantic salmon fed soybean oil increases hepatic levels of arachidonic acid-derived oxylipins and ceramides in mice. *The Journal of nutritional biochemistry*, 26(6), 585.

Siegel MO, et al. (2015) HIV infection induces structural and functional changes in high density lipoproteins. *Atherosclerosis*, 243(1), 19.

Campbell C, et al. (2014) Improved metabolic health alters host metabolism in parallel with changes in systemic xeno-metabolites of gut origin. *PloS one*, 9(1), e84260.

La Merrill M, et al. (2014) Perinatal exposure of mice to the pesticide DDT impairs energy expenditure and metabolism in adult female offspring. *PloS one*, 9(7), e103337.

Hayashi G, et al. (2014) Frataxin deficiency increases cyclooxygenase 2 and prostaglandins in cell and animal models of Friedreich's ataxia. *Human molecular genetics*, 23(25), 6838.