

Resource Summary Report

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kruX

RRID:SCR_012076

Type: Tool

Proper Citation

kruX (RRID:SCR_012076)

Resource Information

URL: <https://code.google.com/p/kruX/>

Proper Citation: kruX (RRID:SCR_012076)

Description: An algorithm implemented in Matlab, Python and R that uses matrix multiplications to simultaneously calculate the Kruskal-Wallis test statistic for several millions of marker-trait combinations at once.

Resource Type: software resource

Defining Citation: [PMID:24423115](#)

Keywords: standalone software, matlab, python, r

Funding:

Availability: GNU General Public License

Resource Name: kruX

Resource ID: SCR_012076

Alternate IDs: OMICS_04593

Record Creation Time: 20220129T080308+0000

Record Last Update: 20250410T070228+0000

Ratings and Alerts

No rating or validation information has been found for kruX.

No alerts have been found for kruX.

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We found 4 mentions in open access literature.

Listed below are recent publications. The full list is available at [FDI Lab - SciCrunch.org](#).

Crawford AA, et al. (2021) Variation in the SERPINA6/SERPINA1 locus alters morning plasma cortisol, hepatic corticosteroid binding globulin expression, gene expression in peripheral tissues, and risk of cardiovascular disease. *Journal of human genetics*, 66(6), 625.

Wang L, et al. (2017) Efficient and accurate causal inference with hidden confounders from genome-transcriptome variation data. *PLoS computational biology*, 13(8), e1005703.

Sun Y, et al. (2016) Fine-mapping analysis revealed complex pleiotropic effect and tissue-specific regulatory mechanism of TNFSF15 in primary biliary cholangitis, Crohn's disease and leprosy. *Scientific reports*, 6, 31429.

van der Laan SW, et al. (2015) Variants in ALOX5, ALOX5AP and LTA4H are not associated with atherosclerotic plaque phenotypes: the Athero-Express Genomics Study. *Atherosclerosis*, 239(2), 528.