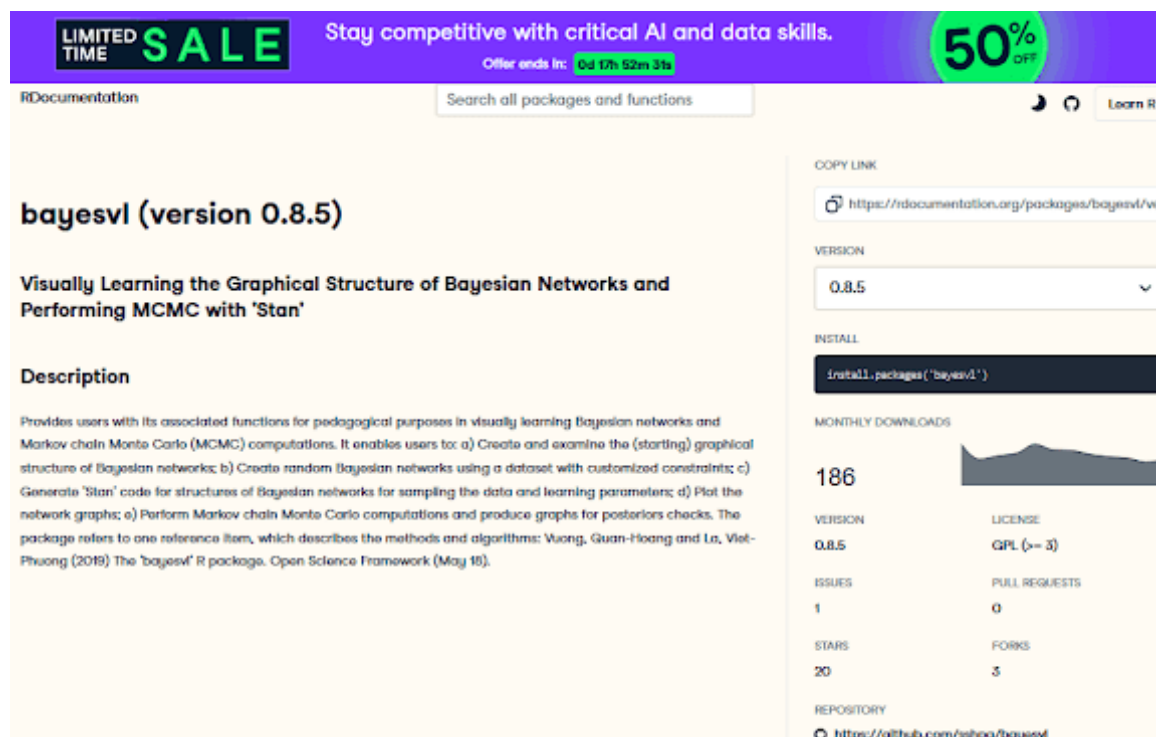


186 downloads of bayesvl in October

November 3, 2023

By the end of October 2023, data from The Comprehensive R Archive Network (CRAN) showed that there were 186 downloads of the *bayesvl* program running on the R and Stan languages [1].



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bayesvl (version 0.8.5)

Visually Learning the Graphical Structure of Bayesian Networks and Performing MCMC with 'Stan'

Description

Provides users with its associated functions for pedagogical purposes in visually learning Bayesian networks and Markov chain Monte Carlo (MCMC) computations. It enables users to: a) Create and examine the (starting) graphical structure of Bayesian networks; b) Create random Bayesian networks using a dataset with customized constraints; c) Generate 'Stan' code for structures of Bayesian networks for sampling the data and learning parameters; d) Plot the network graphs; e) Perform Markov chain Monte Carlo computations and produce graphs for posteriors checks. The package refers to one reference item, which describes the methods and algorithms: Vuong, Guan-Hoang and Lu, Viet-Phuong (2019) The 'bayesvl' R package. Open Science Framework (May 16).

COPY LINK <https://rdocumentation.org/packages/bayesvl/vi>

VERSION 0.8.5

INSTALL `install.packages("bayesvl")`

MONTHLY DOWNLOADS 186

VERSION	LICENSE
0.8.5	GPL (>= 3)

ISSUES	PULL REQUESTS
1	0

STARS	FORKS
20	3

REPOSITORY <https://github.com/sahpa/bayesvl>

Thus, statistics summarizing the number of downloads from July 2021 to October 2023 tell that *bayesvl* has been downloaded 8681 times from CRAN servers. Still, data about downloads in the period from May 2019 to June 2021 are not available. In addition, the numbers of downloads of *bayesvl* from GitHub are also missing.

Work results have been significantly improved with the help of *bayesvl*. The improvement helps researchers avoid sleepless nights due to a lack of food like Mr. Kingfisher [2].

References

- [1] La, V. P., & Vuong, Q. H. (2019). *bayesvl*: Visually learning the graphical structure of Bayesian networks and performing MCMC with 'Stan'. <https://cran.r-project.org/package=bayesvl>
- [2] Vuong, Q. H. (2022). *The Kingfisher Story Collection*. <https://www.amazon.com/dp/BoBG2NNHY6>