



# Mathematics and statistics support beyond the timetabled hours: Results from a scoping review

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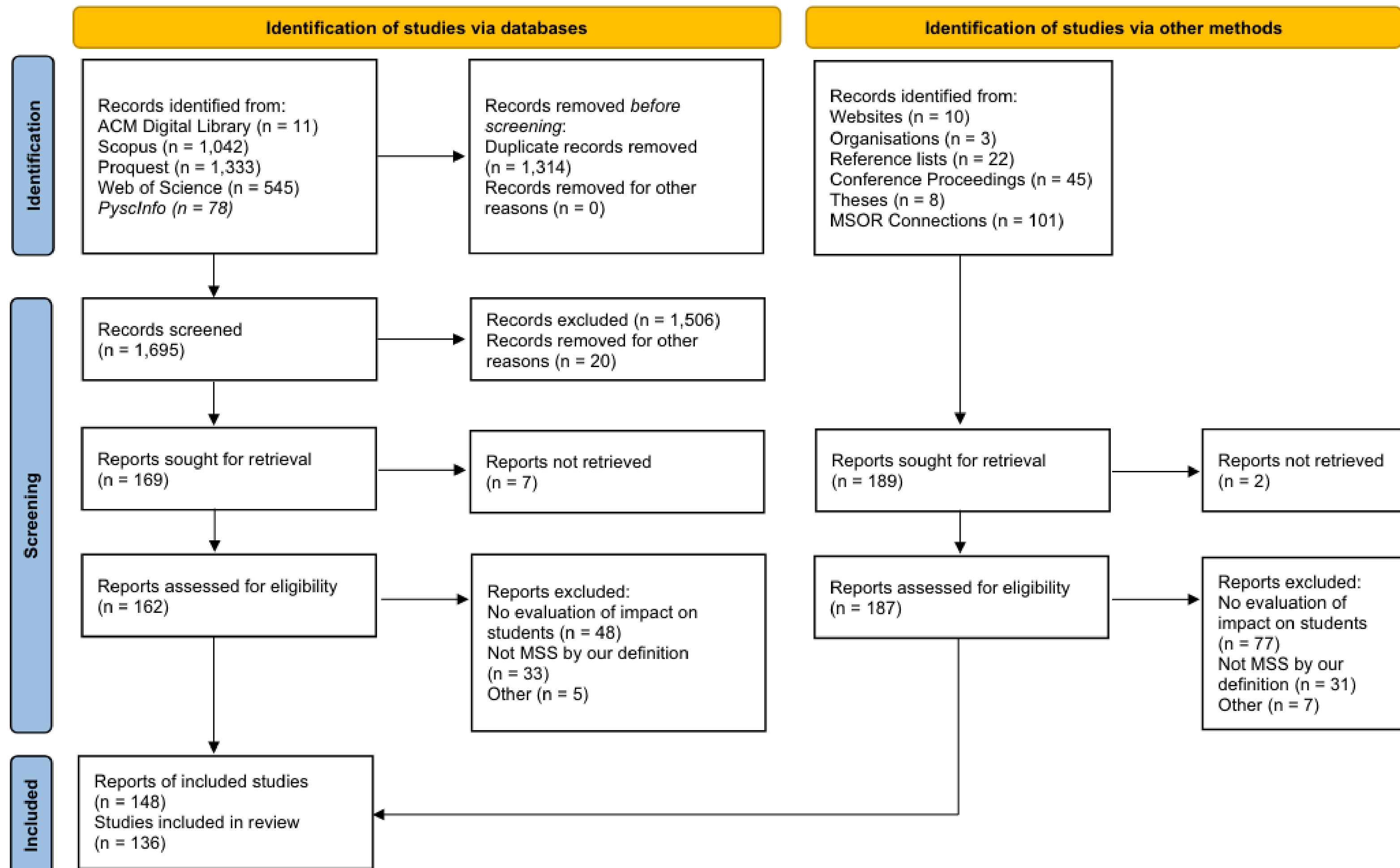
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**Mullen, C., Howard, E., & Cronin, A. (2024). A scoping literature review of the impact and evaluation of mathematics and statistics support in higher education. *Educational Studies in Mathematics*, <https://doi.org/10.1007/s10649-024-10332-6>.**

**Haddaway, N. R., Feierman, A., Grainger, M., Gray, C., Tanriver-Ayder, E., Dhaubanjhar, S., & Westgate, M. (2019). EviAtlas: a tool for visualising evidence synthesis databases, *Environmental Evidence*, 8(22).**

# MATHEMATICS AND STATISTICS SUPPORT

Any additional organised mathematical and/or statistical aid offered to higher education students, outside of their regular programme of teaching, by parties within the students' institution specifically assigned to give mathematical and/or statistical support.



<https://estech.shinyapps.io/eviatlas/>

EviAtlas

?

About EviAtlas

📖

Evidence Atlas

🗄️

Map Database

🏠

Descriptive Plots

🔥

Heatmap

☰

Resources

🔗

View Code

About EviAtlas

About Systematic Maps

How to Use EviAtlas

How to Cite EviAtlas

## About EviAtlas

EviAtlas is an Open Source tool for creating and hosting visualisations from databases of studies created within systematic maps and systematic reviews. The tool was created as part of the ongoing Evidence Synthesis Hackathon series of events ([www.evidencesynthesishackathon.com](http://www.evidencesynthesishackathon.com)) aimed at producing free-to-use tools to support systematic reviews and maps across disciplines.

EviAtlas allows users to create a suite of visualisations from a database of studies, including Evidence Atlases (interactive geographical maps showing studies and their details over space), Heat Maps (cross tabulations of categorical variables that highlight clusters and gaps in the evidence), descriptive plots that help to visualise the evidence base (e.g. the number of publications per year), and human-readable databases that are easily filterable.

EviAtlas is built on coding written in R (<https://www.r-project.org>) and uses a Shiny App to provide a web-based user interface. As we develop the app further, we will provide source code to allow R users to further refine their visualisations.

EviAtlas is currently in a testing phase but is fully functional. We intend to add further options and functionality in the near future. If you have any feedback, please contact Neal Haddaway (Research Fellow at the Stockholm Environment Institute): [neal.haddaway@sei.org](mailto:neal.haddaway@sei.org).

Upload Data

### Which Data to Use?

☐ Sample Data

☒ Upload from .csv format (spreadsheet)

☐ Upload from .shp format (shapefile)

#### Choose CSV File

Browse...

Systematic Map Data (100 MB Limi

#### CSV Properties

☒ Header row?

#### Select File Encoding

Default

#### Field Separator