

# Review of the micromaps R package

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To address:

- Do you find the syntax of the micromap package easy to understand?
- Could the main functions of the package, `create_map_table`, `mmplot`, and `mmgroupedplot`, be improved?
- Is there anything about the structure of micromap objects that could be improved for instance, in order to use micromap objects in R Shiny, or to make setting micromap plot options more expressive (such as adding plotting elements to a geom in `ggplot2`)?
- Is there some functionality of the package that you think is missing?
- Is the documentation in the Introduction Guide, which comes with the package, and the JSS article helpful?

Ideas:

- Data input that is linked to the map data could be provided in raw format, with a user-supplied summary function to improve flexibility and reduce burden on the user, e.g., additional arguments passed to `mmplot` or `mmgroupedplot`
- Similarly, polygon simplification could be incorporated into the package
- The multiplot function shown in figure 3 of the JSS article could be incorporated directly in the package
- From JSS manuscript - add histograms, ts, symbol plots, etc. and incorporate interactivity (via shiny)