

1 Introduction

Welcome to `posterdown` ! This is my attempt to provide a semi-smooth workflow for those who wish to take their R Markdown skills to the conference world. Most features from R Markdown are available in this package such as Markdown section notation, figure captioning, and even citations like this one (Allaire et al., 2024). The rest of this example poster will show how you can insert typical conference poster features into your own document.

1.1 Objectives

1. Easy to use reproducible poster design.
2. Integration with R Markdown.
3. Easy transition from `posterdown` to `pagedown` report or manuscript documents (Xie et al., 2024).

2 Methods

This package uses the same workflow approach as the R Markdown you know and love. Basically it goes from RMarkdown > Knitr > Markdown > Pandoc > HTML/CSS > PDF. You can even use the bibliography the same way (Thorne, 2019).

Maybe you want to show off some of that fancy code you spent so much time on to make that figure, well you can do that too! Just use the `echo=TRUE` option in the `r` code chunk options, Figure 2.1!

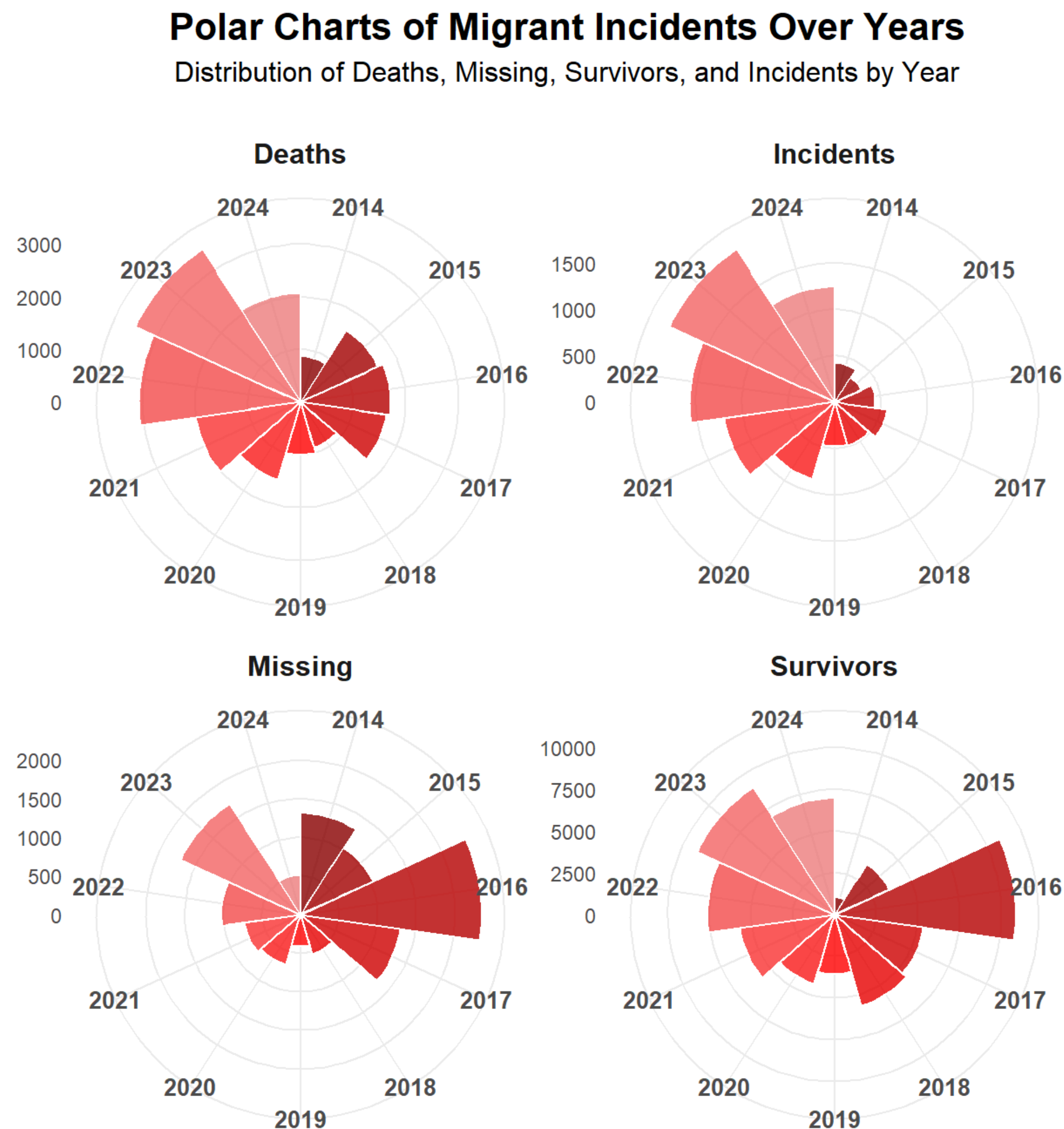
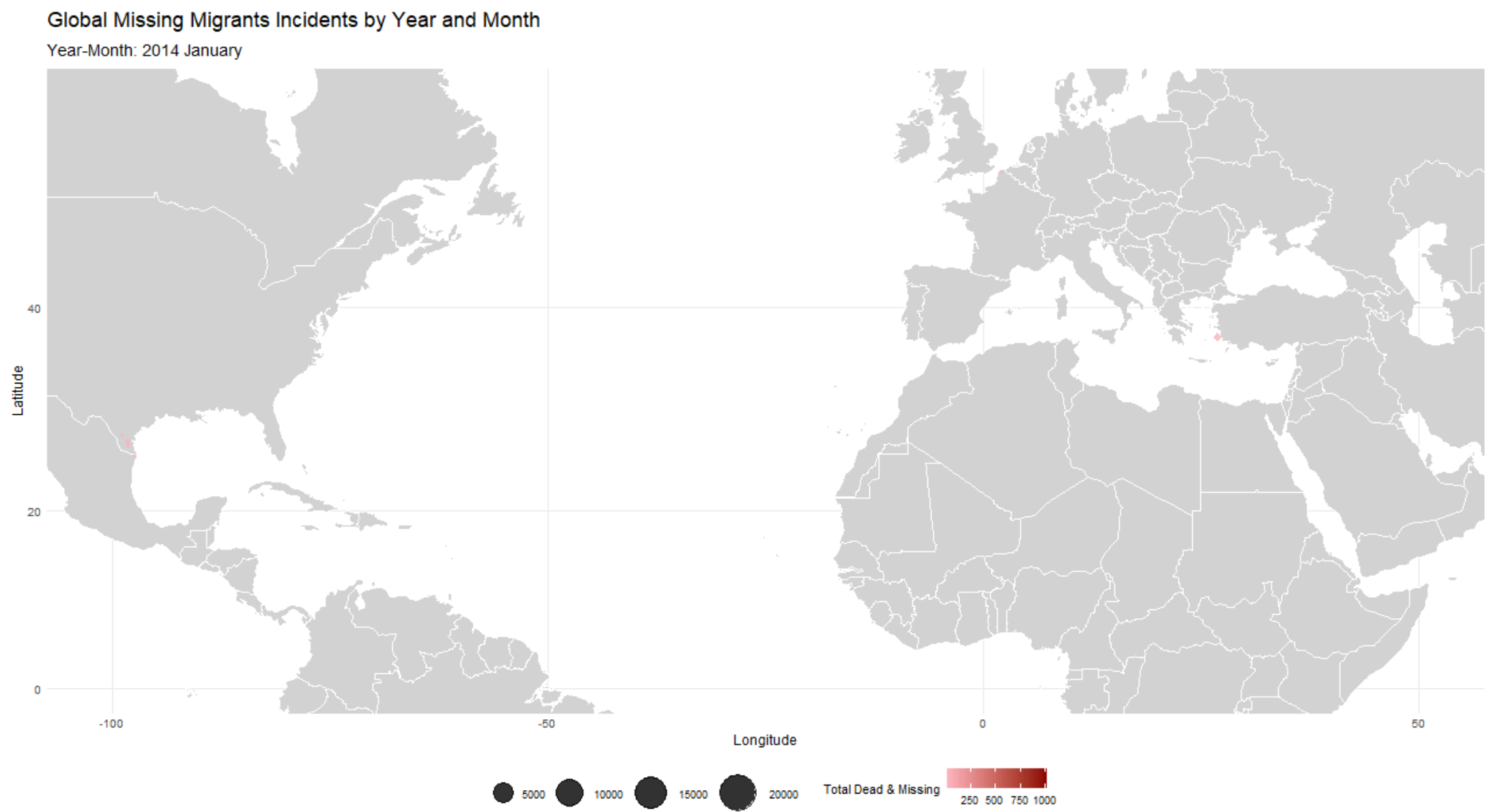


Figure 2.1: Boxplots, `message=FALSE`, `warning=FALSE`, `out.width="95%"`, so hot right now!



Animated Map

How about a neat table of data? See, Table ??:

3 Results

Usually you want to have a nice table displaying some important results that you have calculated. In `posterdown` this is as easy as using the `kable` table formatting you are probably use to as per typical R Markdown formatting.

You can reference tables like so: Table ??. Lorem ipsum dolor sit amet, consectetur adipiscing elit. Aliquam placerat augue at velit tincidunt semper. Donec elementum porta posuere. Nullam interdum, odio at tincidunt feugiat, turpis nisi blandit eros, eu posuere risus felis non quam. Nam eget lorem odio. Duis et aliquet orci. Phasellus nec viverra est.

Table 3.1: Results of Statistical Tests			
Test	P_Value	H0	Conclusion
Robust Hausman	0.9976	use random effects	use random effects
Breusch Pagan (Pooled OLS, Homosk.)	4.52e-136	Homosk.	Heterosk.
Breusch Pagan (FE, Homosk.)	4.52e-136	Homosk.	Heterosk.
Breusch Pagan (RE, Homosk.)	4.52e-136	Homosk.	Heterosk.

Table 3.2: Results of Statistical Models				
Model	Females	Males	Survivors	Drowning
Pooled OLS	1.64e-163	1.39e-25	7.3e-15	1.38e-14
Fixed Effects	1.75e-163	6.66e-22	3.01e-08	0.000737
Random Effects	1.88e-175	4.59e-22	2.94e-08	0.000756
Robust Pooled	6.39e-36	4.41e-12	8.97e-09	1.86e-14
Robust Fixed Effects	9.18e-06	0.00767	0.00107	0.00348
Robust Random Effects	9.02e-06	0.0079	0.0011	0.00299

4 Next Steps

Aliquam sed faucibus risus, quis efficitur erat. Vestibulum semper mauris quis tempus eleifend. Aliquam sagittis dictum ipsum, quis viverra ligula eleifend ut. Curabitur sagittis vitae arcu eget faucibus. In non elementum felis. Duis et aliquam nunc. Nunc pulvinar sapien nunc, vel pretium nisi efficitur in. Fusce fringilla maximus leo et maximus. Fusce at ligula laoreet, iaculis mi at, auctor odio. Praesent sed elementum justo. Aenean consectetur risus rhoncus tincidunt efficitur. Praesent dictum mauris at diam maximus maximus (Thorne, 2019).

5 Conclusion

Try `posterdown` out! Hopefully you like it!

References

Allaire, J., Xie, Y., Dervieux, C., McPherson, J., Luraschi, J., Ushey, K., Atkins, A., Wickham, H., Cheng, J., Chang, W., & Iannone, R. (2024). *Rmarkdown: Dynamic documents for r*. <https://github.com/rstudio/rmarkdown>

Thorne, B. (2019). *Posterdown: Generate PDF conference posters using r markdown*. <https://github.com/brentthorne/posterdown>

Xie, Y., Lesur, R., Thorne, B., & Tan, X. (2024). *Pagedown: Paginate the HTML output of r markdown with CSS for print*. <https://github.com/rstudio/pagedown>