

# Generate Reproducible & Live HTML and PDF Conference Posters Using RMarkdown



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<sup>1</sup> Student Number: 0000000

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## 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 [R-rmarkdown]. The rest of this example poster will show how you can insert typical conference poster features into your own document.

This is your general overview of

### Objectives

1. Easy to use reproducible poster design.
2. Integration with R Markdown.
3. Easy transition from **posterdown** to **pagedown** report or manuscript documents [R-pagedown].

## 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 [R-posterdown].

## 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 [1](#). 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 1: Table caption.

Organ Donor	Math Grade	Income	Risk	Travel Time
0	3.60	1242.28	6.55	35.53
1	3.73	963.01	6.72	41.03
NA	3.32	891.67	7.42	38.58

Or with figures: Figure [1](#), or Figure [2](#).

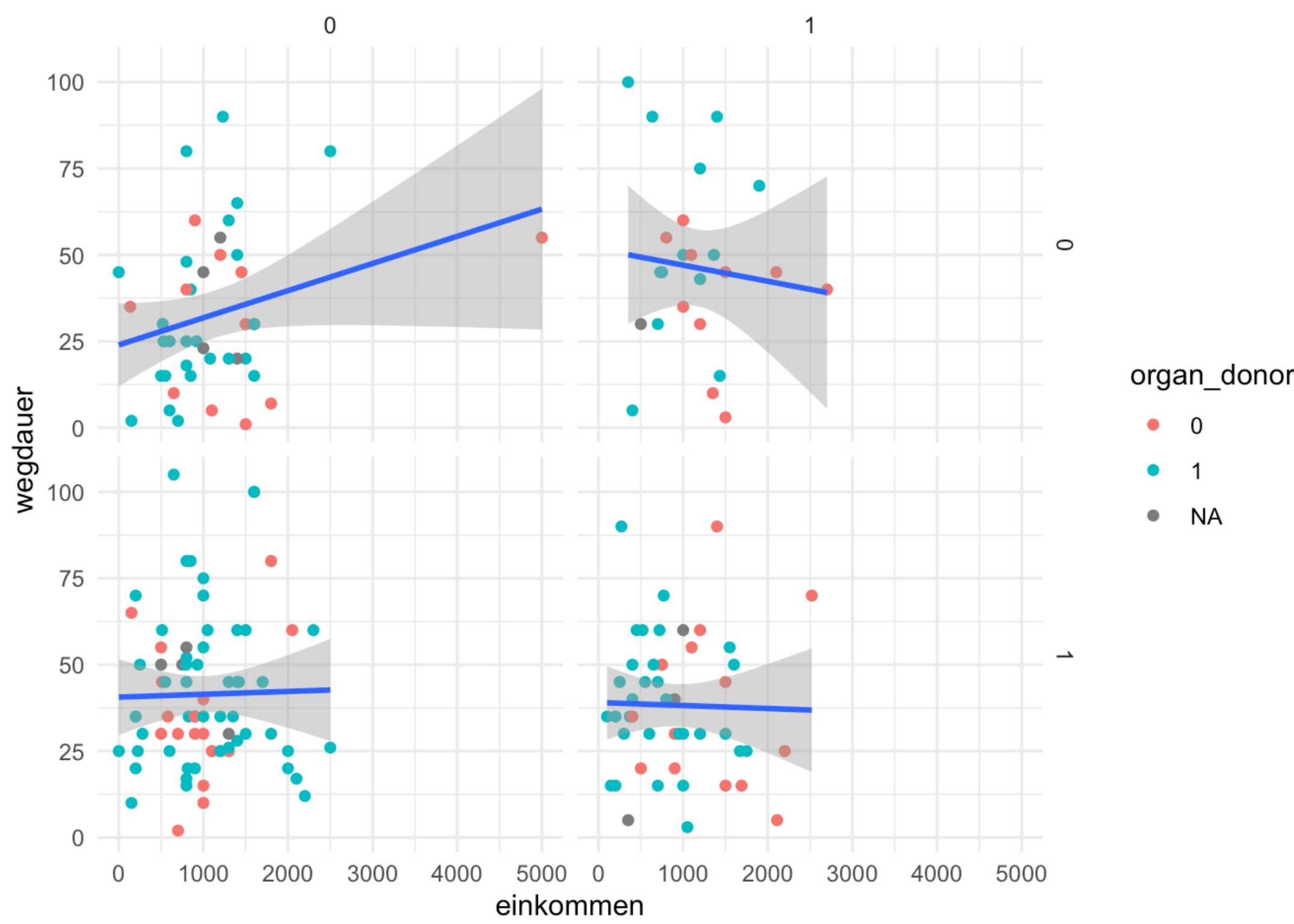


Figure 1: Commuting distance and monthly income by gender - Linear fit

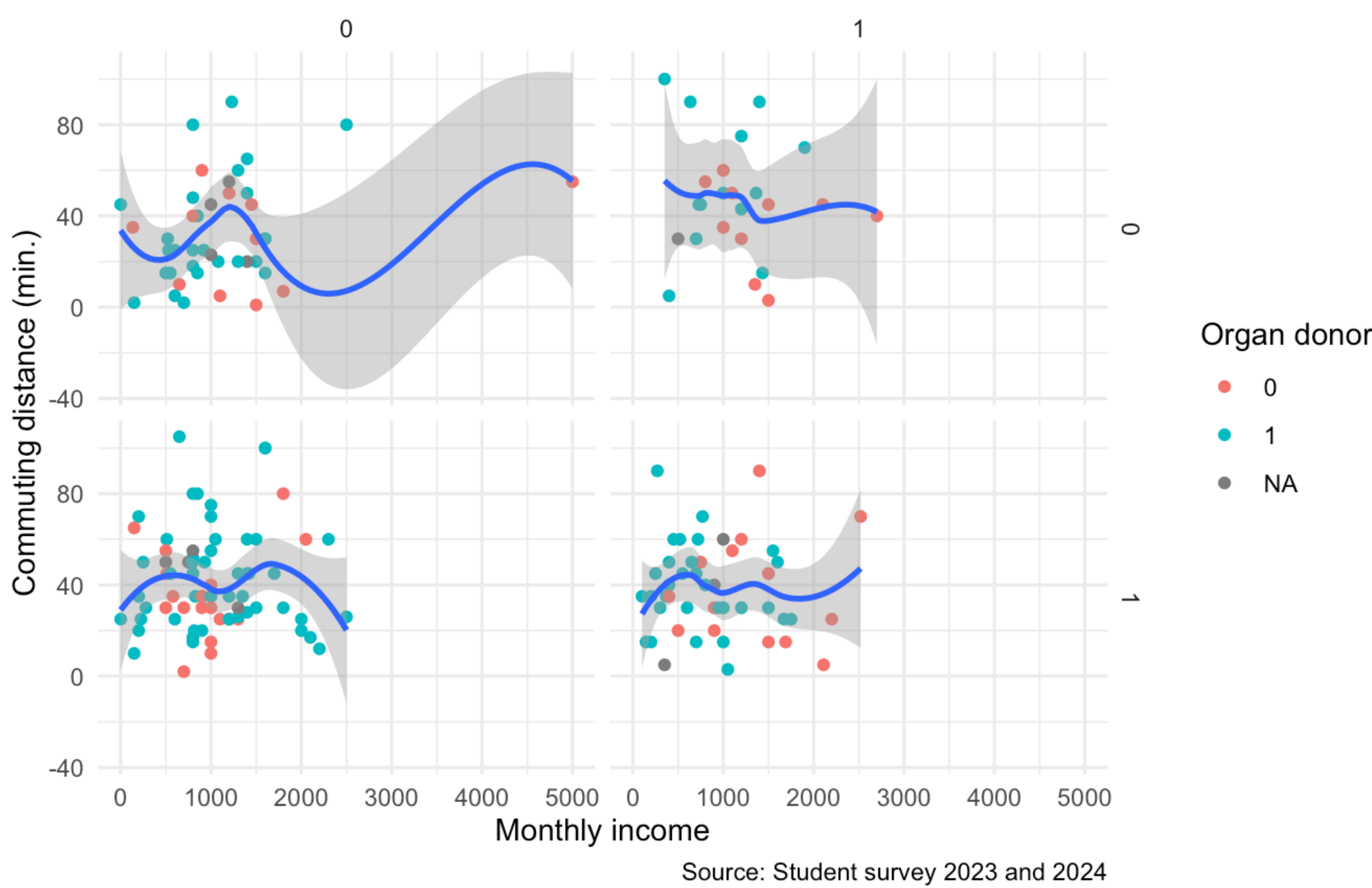


Figure 2: Commuting distance and monthly income by gender - Polynomial fit

## Next Steps

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## Conclusion

Try **posterdown** out! Hopefully you like it!

## References