

## SHORT TECHNICAL NOTE

### A new simplified manual tour, with examples in mathematica

Alex Aumann<sup>a</sup>, German Valencia<sup>a</sup>, Ursula Laa<sup>b</sup>, Dianne Cook<sup>c</sup>

<sup>a</sup>School of Physics and Astronomy, Monash University; <sup>b</sup>Institute of Statistics, University of Natural Resources and Life Sciences, Vienna; <sup>c</sup>Department of Econometrics and Business Statistics, Monash University

#### ARTICLE HISTORY

Compiled March 29, 2022

#### ABSTRACT

Something here

#### KEYWORDS

data visualisation; grand tour; statistical computing; statistical graphics;  
multivariate data; dynamic graphics

%# Introduction

## 1. Manual tour

### 1.1. *Background*

### 1.2. *New definition*

## 2. Implementation

## 3. Applications

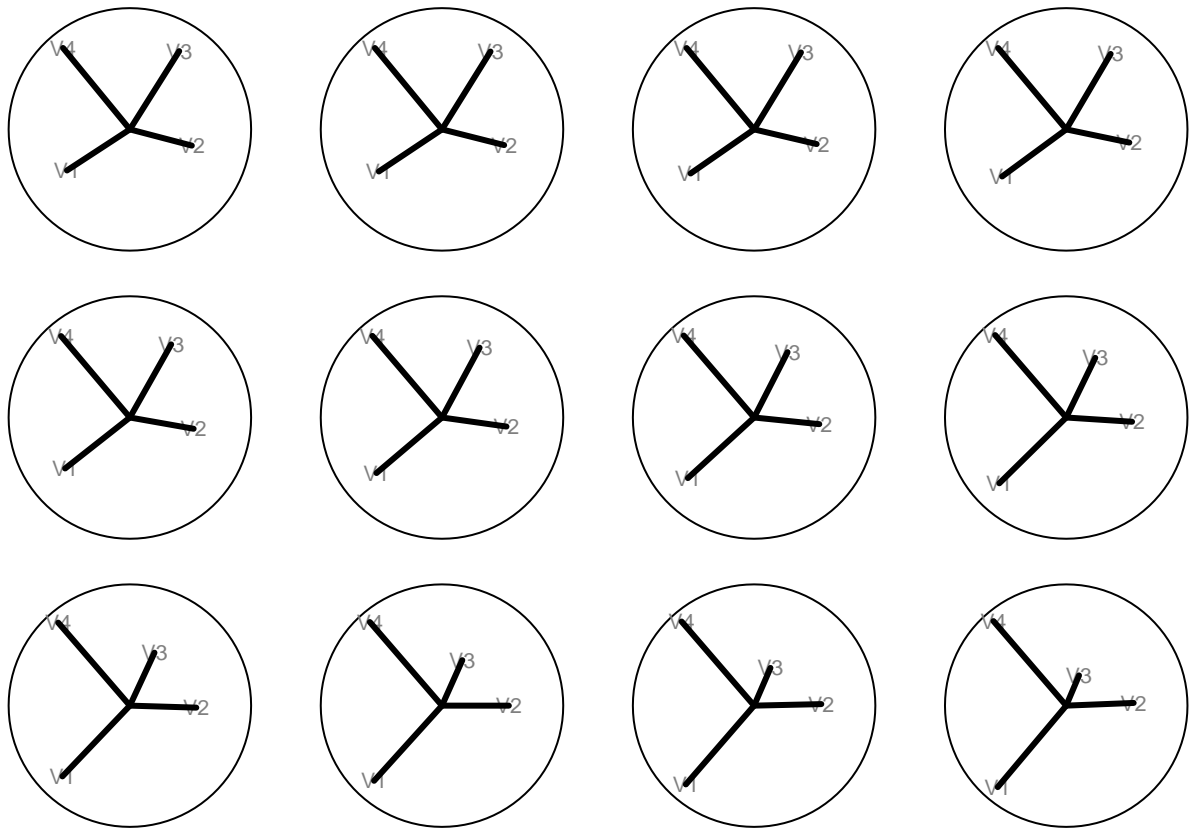
## 4. Discussion

### Acknowledgements

The authors gratefully acknowledge the support of the Australian Research Council. The paper was written in `rmarkdown` (Xie, Allaire, and Golemund 2018) using `knitr` (Xie 2015).

---

CONTACT Alex Aumann. Email: `aaum0002@student.monash.edu`, German Valencia. Email: `german.valencia@monash.edu`, Ursula Laa. Email: `ursula.laa@boku.ac.at`, Dianne Cook. Email: `dicook@monash.edu`



**Figure 1.** Sequence of projections where V3 contribution is changed.

## Supplementary material

The source material and animated gifs for this paper are available at

## References

- Xie, Yihui. 2015. *Dynamic Documents with R and knitr*. 2nd ed. Boca Raton, Florida: Chapman and Hall/CRC. <https://yihui.name/knitr/>.
- Xie, Yihui, Joseph J. Allaire, and Garrett Golemund. 2018. *R Markdown: The Definitive Guide*. Chapman and Hall/CRC. <https://bookdown.org/yihui/rmarkdown>.