Something about cetacean heart rates and ballistocardiograms

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Text of abstract

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Keywords: keyword 1; keyword 2; keyword 3

Highlights: These are the highlights.

## Loading required package: tidyverse

## ── Attaching packages ─────────────────────────────────────── tidyverse 1.3.1 ──

## ✓ ggplot2 3.3.3 ✓ purrr 0.3.4  
## ✓ tibble 3.1.2 ✓ dplyr 1.0.6  
## ✓ tidyr 1.1.3 ✓ stringr 1.4.0  
## ✓ readr 1.4.0 ✓ forcats 0.5.1

## ── Conflicts ────────────────────────────────────────── tidyverse\_conflicts() ──  
## x dplyr::filter() masks stats::filter()  
## x dplyr::lag() masks stats::lag()

# 1 Introduction

Here is a citation (Marwick, 2017)

# 2 Background

# 3 Methods

# 4 Results

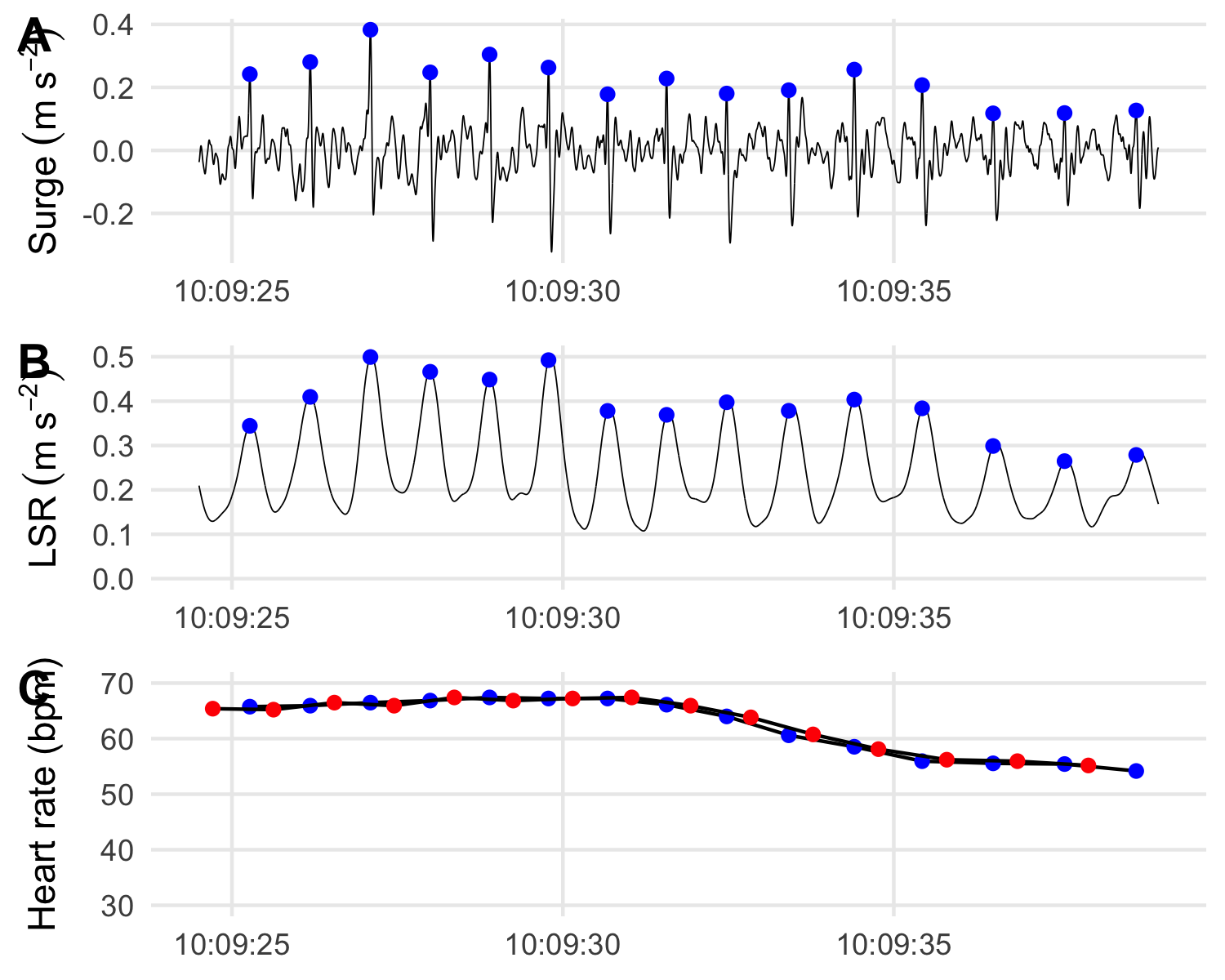


Figure 4.1: A. The J-K segment of the ballistocardiogram is visible in the filtered surge signal. Blue points indicate the peak of the J-wave. B. The local surge range (LSR) facilitates J-wave peak detection. C. Heart rates derived from the ECG (red) and BCG (blue) match. The time offset between ECG and BCG heart beats is due to the delay between the ECG R-wave and BCG J-wave, and clock misalignment between the ECG and accelerometer.

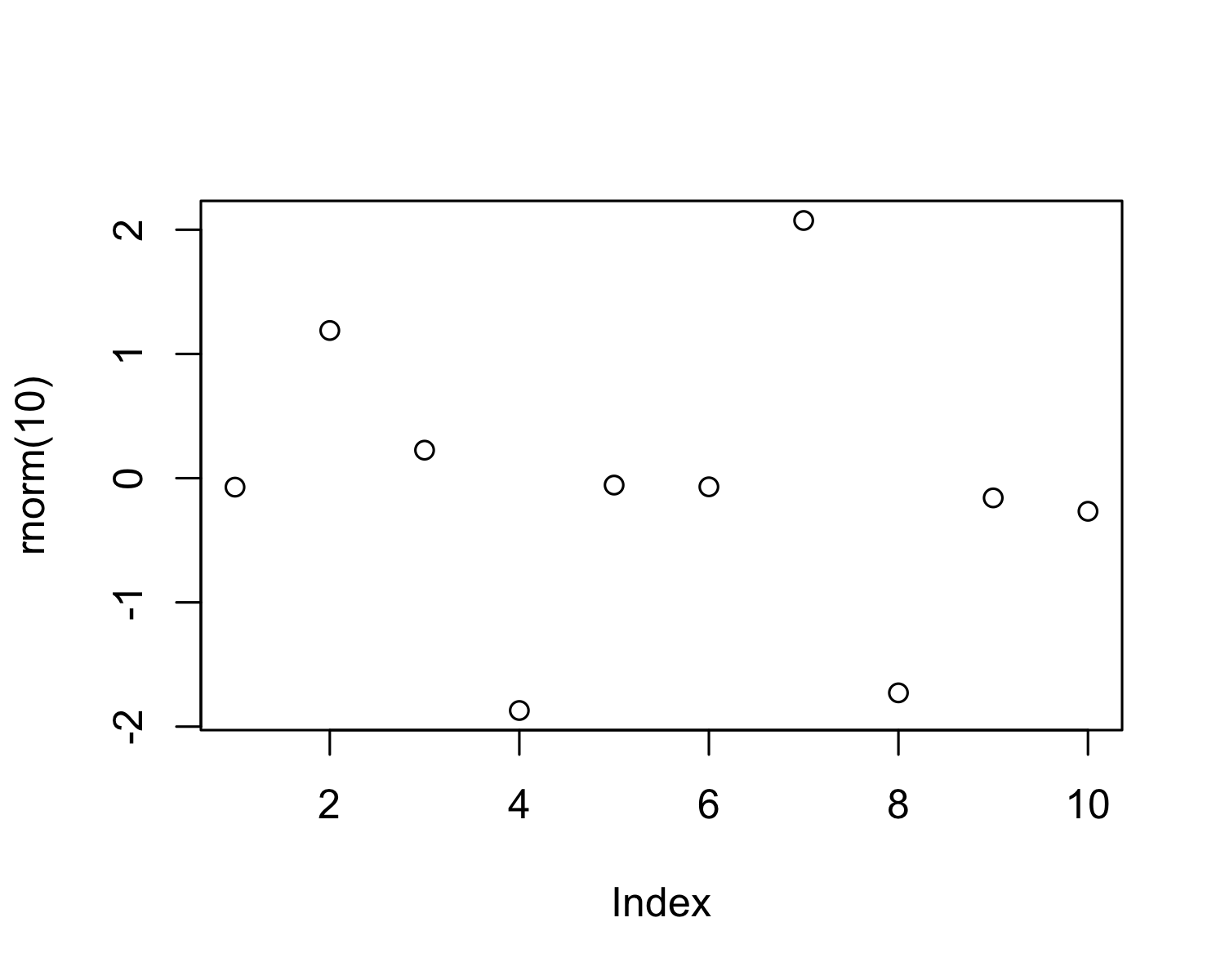


Figure 4.2: A plot of random numbers

Figure 4.2 shows how we can have a caption and cross-reference for a plot

Here is an example of inline code 3.14 in the middle of a sentence.

# 5 Discussion

# 6 Conclusion

# 7 Acknowledgements

# 8 References

Marwick, B., 2017. Computational reproducibility in archaeological research: Basic principles and a case study of their implementation. Journal of Archaeological Method and Theory 24, 424–450. <https://doi.org/10.1007/s10816-015-9272-9>

### 8.0.1 Colophon

This report was generated on 2021-08-21 23:07:01 using the following computational environment and dependencies:

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#> system x86\_64, darwin17.0   
#> ui X11   
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#> ctype en\_US.UTF-8   
#> tz America/Los\_Angeles   
#> date 2021-08-21   
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The current Git commit details are: