Respiratory Rate Determination by Non-Invasive Means

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1 Introduction

1.1 Background

(Penzel et al., 2000).
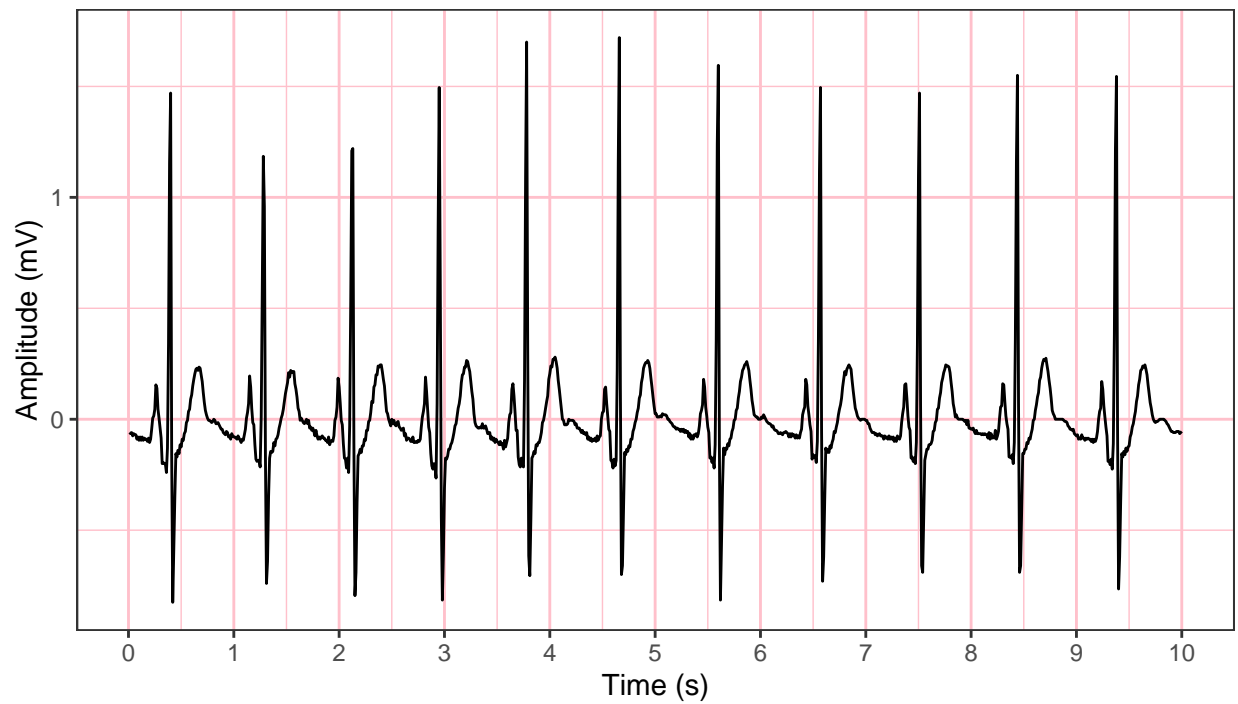
2 The data

2.1 Data source
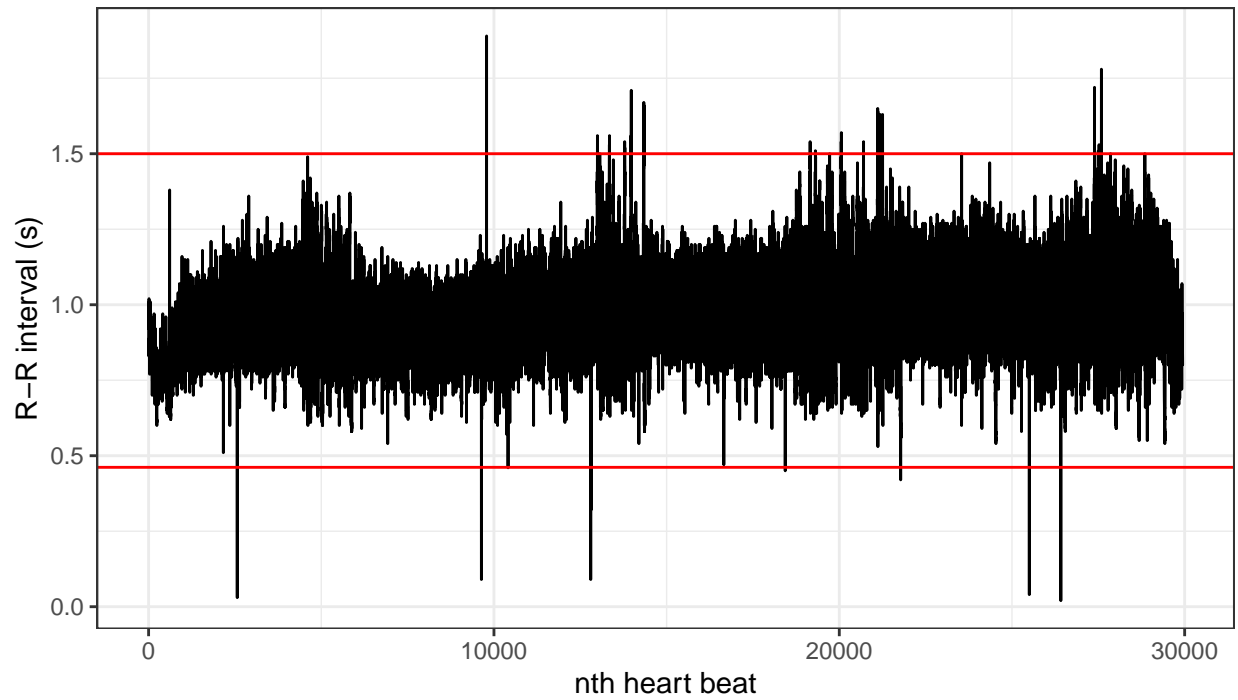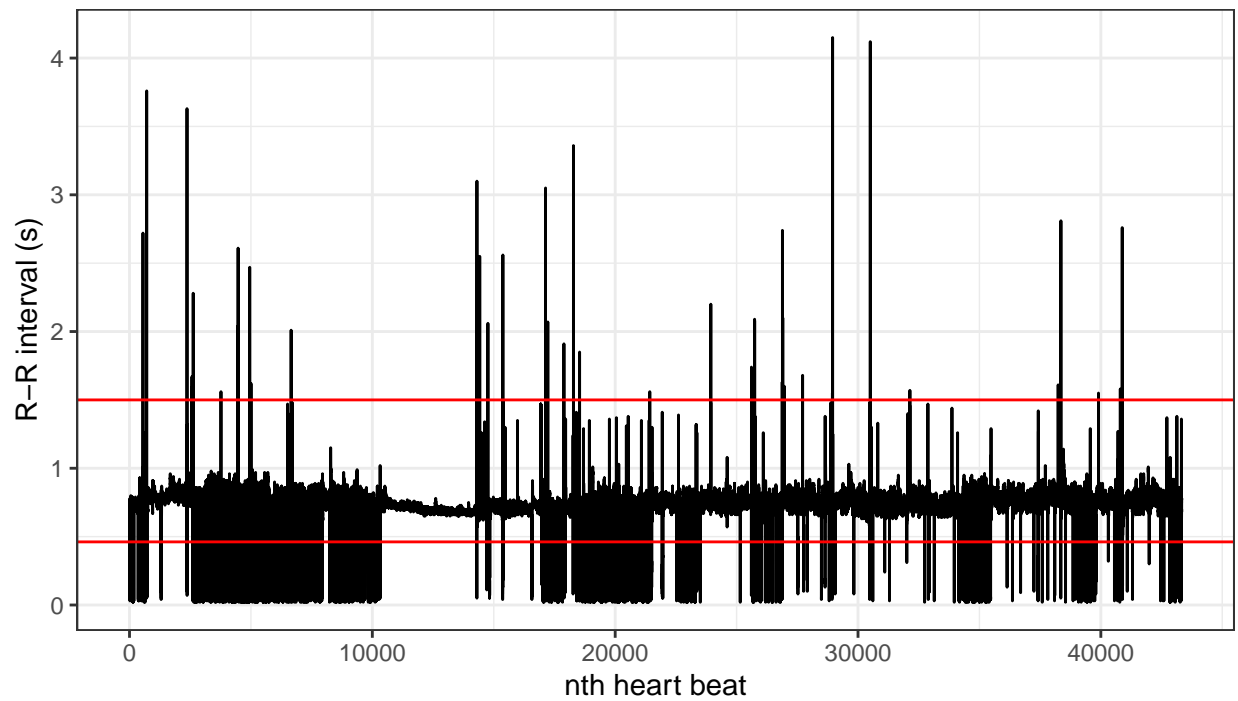
(Goldberger et al., 2000).

2.2 Sample plot

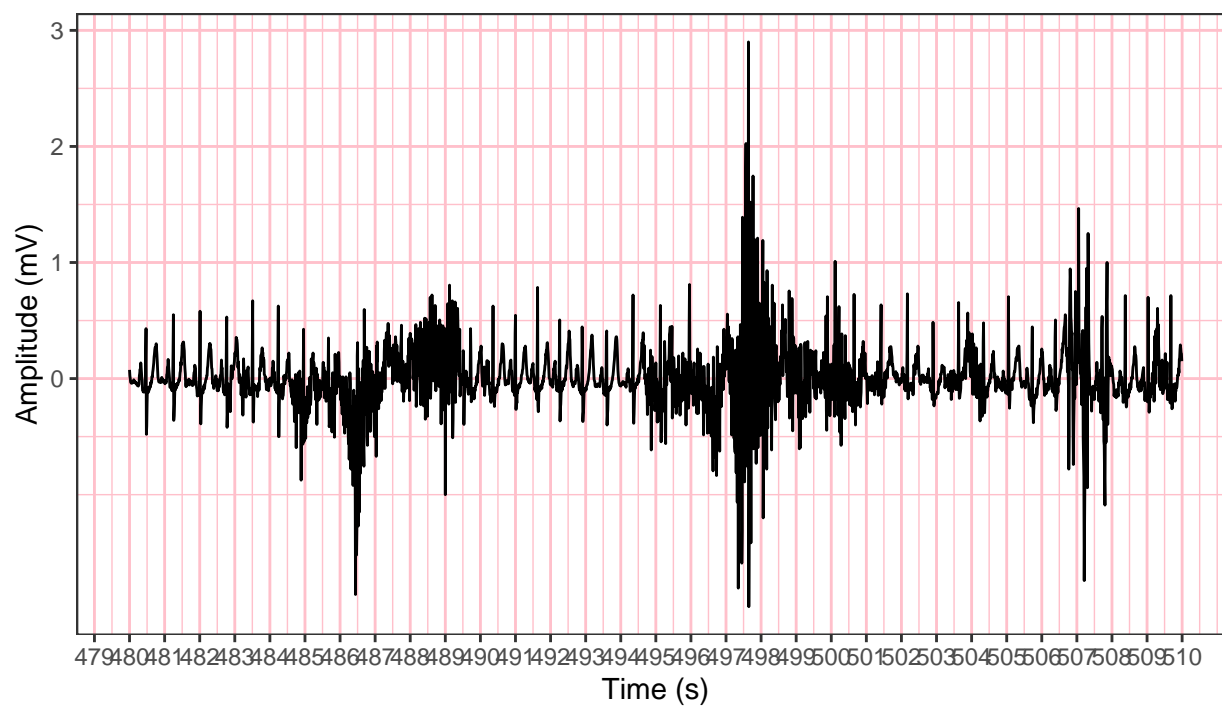10−second sample of subject a01

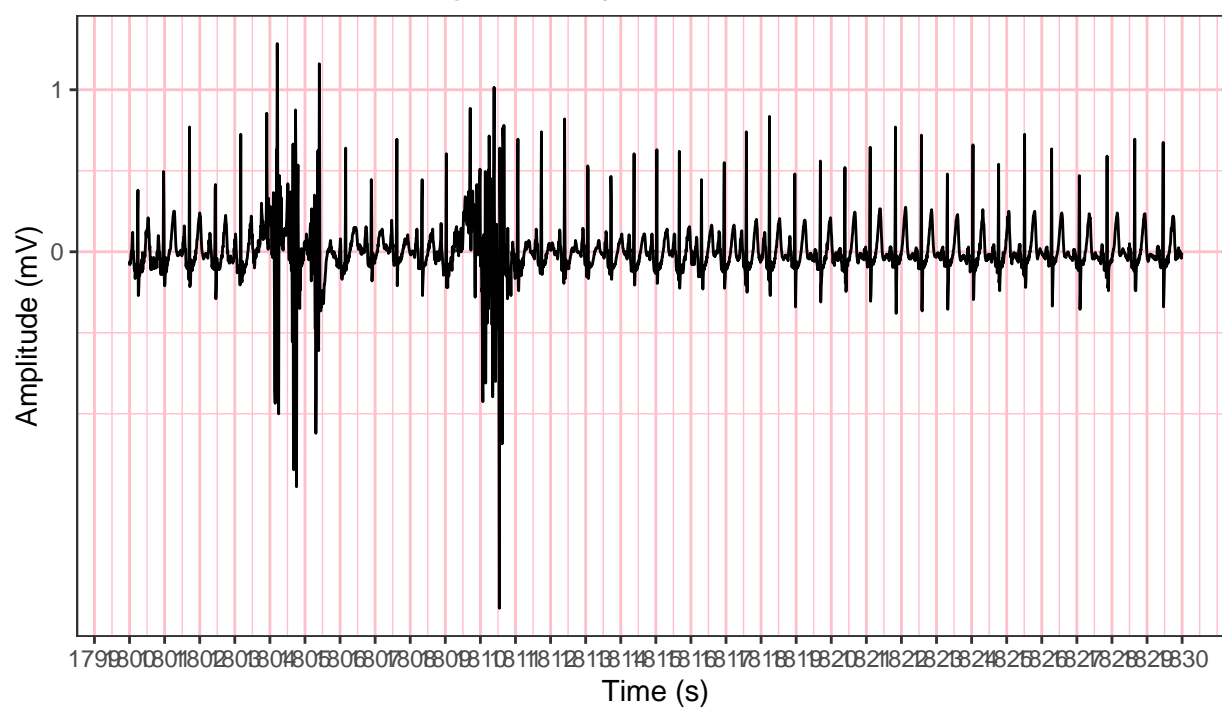## 8−hour R−R intervals of subject a01
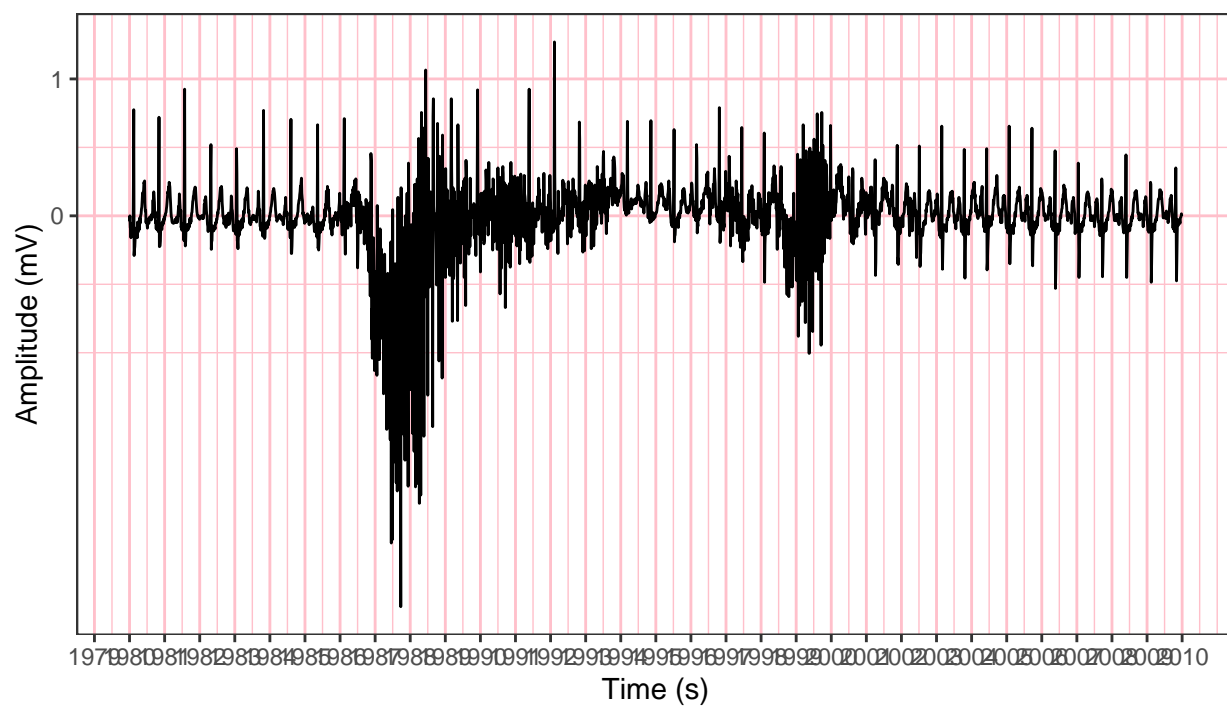

8−hour R−R intervals of subject a02

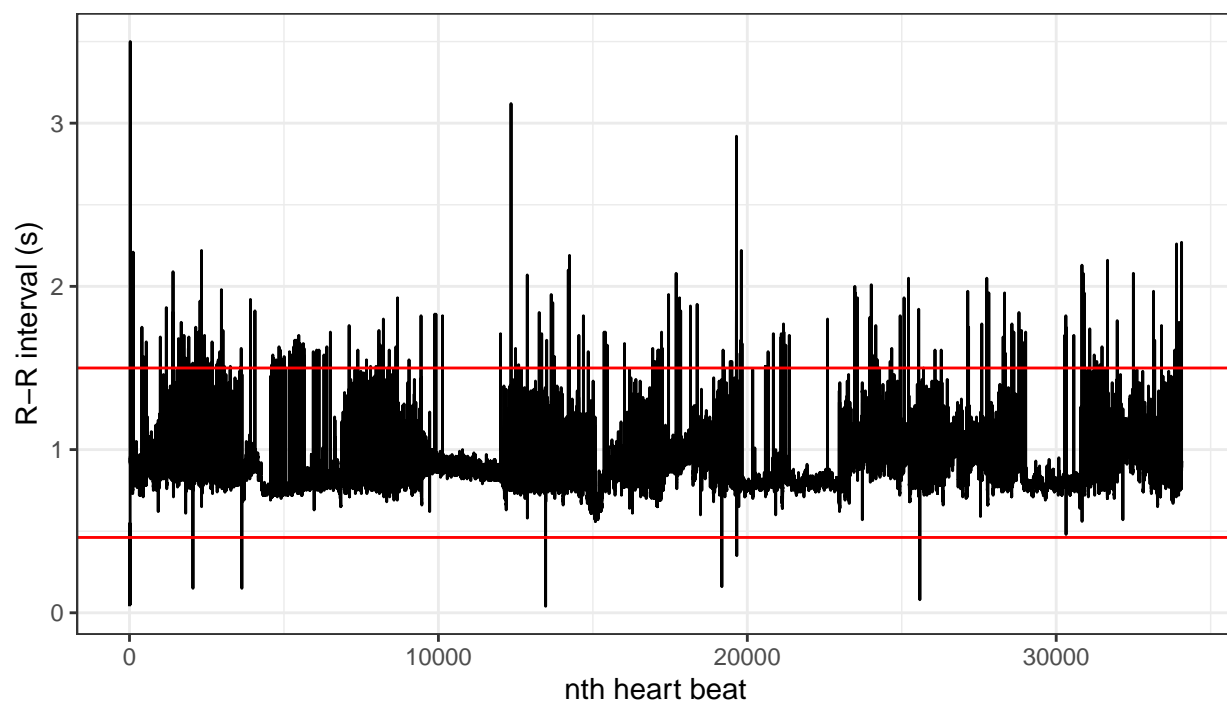## 30−second sample of subject a02

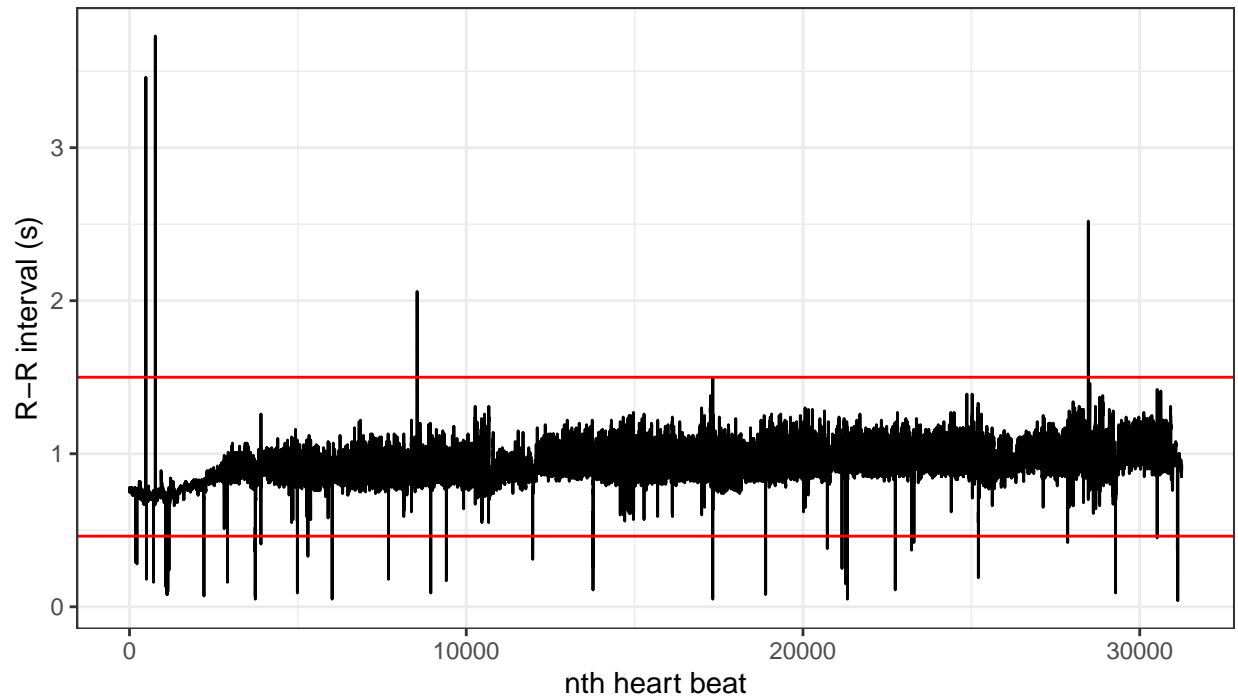## Another 30−second sample of subject a02
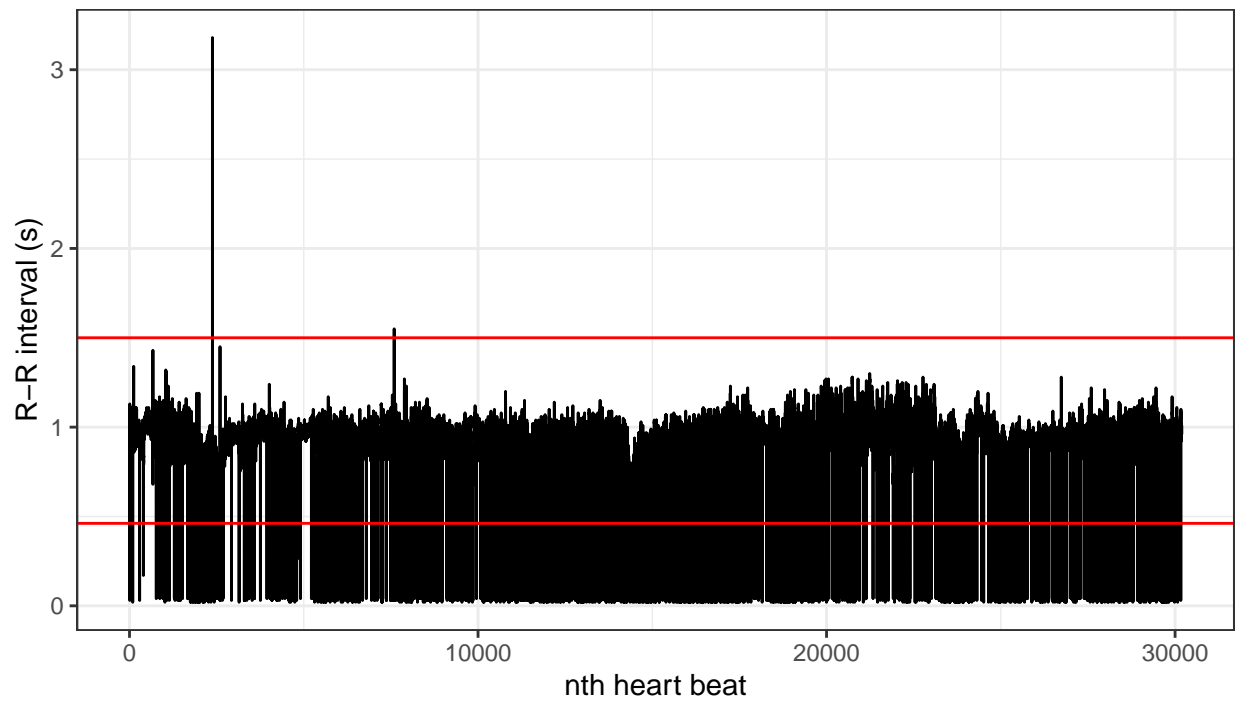
Yet another 30-second sample of subject a02

8-hour R-R intervals of subject a03

8−hour R−R intervals of subject a04

8−hour R−R intervals of subject a05

References

Goldberger, A. L., Amaral, L. A., Glass, L., Hausdorff, J. M., Ivanov, P. C., Mark, R. G., Mietus, J. E., Moody, G. B., Peng, C.-K., & Stanley, H. E. (2000). Physiobank, physiotoolkit, and physionet. *Circulation*, *101*(23), e215–e220.

Penzel, T., Moody, G. B., Mark, R. G., Goldberger, A. L., & Peter, J. H. (2000). The apnea-ecg database. *Computers in Cardiology 2000*, 255–258.