

# Journal of Statistical Software

 $MMMMMM\ YYYY,\ Volume\ VV,\ Issue\ II.$ 

doi: 10.18637/jss.v000.i00

## rnn: RNN, GRU, and LSTM in native R

## Bastiaan Quast

Dimitri Fichou University of Giessen

The Graduate Institute

#### Abstract

The abstract of the article. The abstract of the article.

Keywords: Recurrent Neural Network, Gated Recurrent Unit, Long Short-Term Memory, R.

## 1. About package rnn in R

The special JSS style commands related to software and mathematical formulas are written as follows in LyX: R or R for the names of programming languages, **rnn** or **rnn** for software packages, and **some code** or **some code** for code; E for expectations, VAR for variances, COV for covariances, and P for probabilities.

Writing several lines of code:

#### library(rnn)

These are all the exported functions:

#### Acknowledgments

We gratefully acknowledge support from ...

## A. This is the first appendix section

#### A.1. A subsection

A subsubsection

some text

#### **Affiliation:**

Bastiaan Quast Department of International Economics The Graduate Institute, Geneva Maison de la paix 1201 Geneva

E-mail: bastiaan.quast@graduateinstitute.ch

URL: http://qua.st/

Journal of Statistical Software published by the Foundation for Open Access Statistics MMMMMM YYYY, Volume VV, Issue II doi:10.18637/jss.v000.i00

http://www.jstatsoft.org/

http://www.foastat.org/

Submitted: yyyy-mm-dd

Accepted: yyyy-mm-dd