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

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#### 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 foo 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, **foo** or **foo** 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:

first line of code second line of code third line of code

Alternatively, you can distinguish between input and output code:

first line of input code second line of input code

first line of output code

second line of output code third line of output code

#### Acknowledgments

Here you can write some acknowledgments.

## A. This is the first appendix section

#### A.1. A subsection

 $A \ subsubsection$ 

some text

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