BDA Project: Hurricane forecasting in Stan

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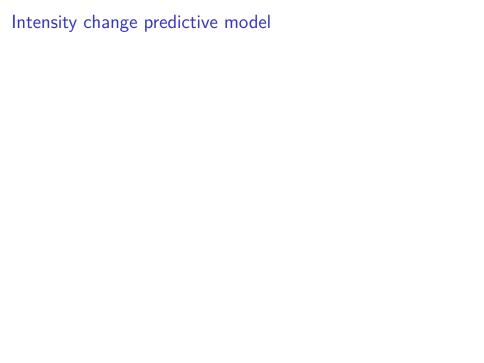
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- This project: a statistical model for intensity

Hurricane forecasting basics: the SHIPS data

Hurricane forecasting basics: our selection



Model: limitations

Model: posterior predictive checking

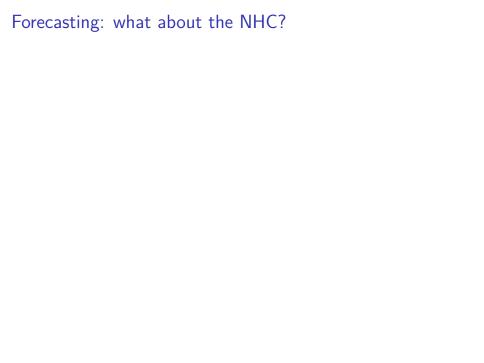






Forecasting

Forecasting: model comparison



Problems to solve & development ideas



Additional information

R Markdown

This is an R Markdown presentation. Markdown is a simple formatting syntax for authoring HTML, PDF, and MS Word documents. For more details on using R Markdown see http://rmarkdown.rstudio.com.

When you click the **Knit** button a document will be generated that includes both content as well as the output of any embedded R code chunks within the document.

Slide with Bullets

▶ Bullet 1

Slide with Bullets

- ▶ Bullet 1
- ▶ Bullet 2

Slide with Bullets

- ▶ Bullet 1
- ▶ Bullet 2
- ► Bullet 3

Slide with R Output

summary(cars)

```
##
       speed
                     dist
##
   Min. : 4.0
                Min. : 2.00
##
   1st Qu.:12.0
                1st Qu.: 26.00
##
   Median: 15.0 Median: 36.00
##
   Mean :15.4
                Mean : 42.98
##
   3rd Qu.:19.0
                3rd Qu.: 56.00
##
   Max. :25.0
                Max. :120.00
```

Slide with Plot

