Package ‘fastrmodels’

October 13, 2022

Title  Models for the ‘nflfastR’ Package
Version 1.0.2
Description A data package that hosts all models for the
‘nflfastR’ package.
License  MIT + file LICENSE
URL  https://github.com/mrcaseb/fastrmodels
BugReports  https://github.com/mrcaseb/fastrmodels/issues
Depends  R (>= 3.5.0)
Imports xgboost (>= 1.1)
Encoding UTF-8
LazyData true
LazyDataCompression xz
RoxygenNote 7.1.1
NeedsCompilation no
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Repository CRAN
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Description

nflfastR Completion Probability Model

Usage

cp_model

Format

A xgb.Booster

Source


Description

nflfastR Expected Points Model

Usage

ep_model

Format

A xgb.Booster

Source

**fg_model**

**nflfastR Field Goal Model**

**Description**

nflfastR Field Goal Model

**Usage**

`fg_model`

**Format**

A generalized additive model (GAM)

**Source**


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**wp_model**

**nflfastR Win Probability Model**

**Description**

nflfastR Win Probability Model

**Usage**

`wp_model`

**Format**

A `xgb.Booster`

**Source**

### wp_model_spread

**Description**

nflfastR Win Probability Model (including Spread)

**Usage**

```
wp_model_spread
```

**Format**

A `xgb.Booster`

**Source**


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### xpass_model

**Description**

nflfastR Expected Pass Model

**Usage**

```
xpass_model
```

**Format**

A `xgb.Booster`

**Source**

xyac_model

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**xyac_model**  
*nflfastR Expected Yards after Catch Model*

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**Description**

*nflfastR Expected Yards after Catch Model*

**Usage**

xyac_model

**Format**

A xgb.Booster

**Source**

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