

Package: fastrmodels (via r-universe)

July 5, 2024

Title Models for the 'nffastR' Package

Version 1.0.2.9004

Description A data package that hosts all models for the 'nffastR' package.

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URL <https://github.com/mrcaseb/fastrmodels>

BugReports <https://github.com/mrcaseb/fastrmodels/issues>

Depends R (>= 3.6.0)

Imports xgboost (>= 1.1)

Encoding UTF-8

LazyData true

LazyDataCompression xz

Roxygen list(markdown = TRUE)

RoxygenNote 7.2.3

Repository <https://nflverse.r-universe.dev>

RemoteUrl <https://github.com/nflverse/fastrmodels>

RemoteRef HEAD

RemoteSha 9f2495fdb4943087ca663d96706eb5df7973aff4

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`cp_model`*nffastR Completion Probability Model*

Description

nffastR Completion Probability Model

Usage

```
cp_model
```

Format

A `xgb.Booster`

Source

See <https://www.opensourcefootball.com/posts/2020-09-28-nflfastr-ep-wp-and-cp-models/> for the code to build the model.

`ep_model`*nffastR Expected Points Model*

Description

nffastR Expected Points Model

Usage

```
ep_model
```

Format

A `xgb.Booster`

Source

See <https://www.opensourcefootball.com/posts/2020-09-28-nflfastr-ep-wp-and-cp-models/> for the code to build the model.

fg_model	<i>nffastR Field Goal Model</i>
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Description

nffastR Field Goal Model

Usage

```
fg_model
```

Format

A generalized additive model (GAM)

Source

See <https://www.opensourcefootball.com/posts/2020-09-28-nflfastr-ep-wp-and-cp-models/> for the code to build the model.

wp_model	<i>nffastR Win Probability Model</i>
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Description

nffastR Win Probability Model

Usage

```
wp_model
```

Format

A xgb.Booster

Source

See <https://www.opensourcefootball.com/posts/2020-09-28-nflfastr-ep-wp-and-cp-models/> for the code to build the model.

wp_model_spread	<i>nffastR Win Probability Model (including Spread)</i>
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Description

nffastR Win Probability Model (including Spread)

Usage

```
wp_model_spread
```

Format

A xgb.Booster

Source

See <https://www.opensourcefootball.com/posts/2020-09-28-nflfastr-ep-wp-and-cp-models/> for the code to build the model.

xpass_model	<i>nffastR Expected Pass Model</i>
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Description

nffastR Expected Pass Model

Usage

```
xpass_model
```

Format

A xgb.Booster

Source

See <https://www.opensourcefootball.com/posts/2020-09-28-nflfastr-ep-wp-and-cp-models/> for the code to build the model.

xyac_model

nffastR Expected Yards after Catch Model

Description

nffastR Expected Yards after Catch Model

Usage

xyac_model

Format

A xgb.Booster

Source

See <https://www.opensourcefootball.com/posts/2020-09-28-nflfastr-ep-wp-and-cp-models/> for the code to build the model.

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