

R Package : *geegeer*

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This document provides an introduction to R package *geegeer*. *geegeer* contains a set of predictive model for horse racing. The main functions of the *geegeer* API are presented below. The models in package *geegeer* are based on the analysis available [here](#)

Keywords: *geegeer*, horse racing

Introduction

geegeer is a R package that implements various models to predict the probability that a given horse in a given race will win. The package scrapes racecard/result information off sporting.com.

API

The public funtions in the package are:

- `listRaces`
- `listHorses`
- `predictProbabilities`
- `compareModelVSp`

`listRaces` - track date

`listHorses` - raceId

`predictRaceProbabilities` - returns horse name / decimal odds

`compareModelVSp` - compares the predicted model probabilities v the offical sp for that a runner

Remarks

The package can be used to compare the probabilities from the various statistical models versus the offical SP and