EA30 R Reference Card

September 17, 2016

Getting help

help.start() Opens an interactive html page with several help resources

?'function' to get help with a specific function, don't include the quotation marks!

args() to see the arguments that a function is expecting

Creating and Importing Data

c()

data.frame()

read.csv()

Statistical Analysis

Regression

lm()

ANOVA, t-test, etc

t.test()

aov()

Tests for Association

chisq.test()

fisher.test()

Logistic Regression

glm(y   x, family=binomial(link='logit'))

Statistical Results

summary()

coef()

plot() when you plot a model, you'll get four diagnostic plots that can be used to evaluate the assumptions.

predict()

Visual Display

plot() arguments can be in x,y or in a y   x formula to create scatter plots

boxplot() boxplots are used for categorical predictors

abline()

lots of text . . .