R Commands from Chapter 9

Starting on p. 332, this code is used in the textbook. Copy-and-paste it into R, and use the Up and Down buttons to recall previously used commands:

Section 9.3.1:

> chisq.test(soft.pop, p=c(0.5,0.5))

> soft.pop. 2<-c(5\*117, 5\*100) > soft.pop. 2

> chisq.test(soft.pop. 2, p=c(0.5,0.5))

Section 9.3.2:

> roof<-matrix(c(653, 241, 269, 343), byrow=T, ncol=2)

> roof

> chisq.test(roof, correct=F)

Section 9.3.3.:

> hist(wedgievan$varsimpnum[wedgievan$gender=="female"])

> hist(wedgievan$varsimpnum[wedgievan$gender=="female"], main="variable (wedgie)", xlab="types", ylab="n")

Section 9.4.1:

> source("C:/Documents and Settings/Stef/My Documents/R Data/e\_scripts/05-1\_hcfa\_3-2.r") > hcfa()

Section 9.4.2:

> Montreal.news<-read.table(choose.files(), header=T, sep="\t", quote="", comment.char="")

> Montreal.news

> Montreal.news3<-read.table(choose.files(), header=T, sep="\t", quote="", comment.char="")

> Montreal.news3 [1:234,]

> model.glm1<-glm(q42~gender\*age\*lui, family=binomial, data=Montreal.news3)

> summary(model.glm1)

> model.glm1.1<-glm(q42~ age\*lui, family=binomial, data=Montreal.news3)

> summary(model.glm1.1)

> model.glm2<-glm(q42~gender+age+social.class+education+ri+lui, family=binomial, data=Montreal.news3)

> summary(model.glm2)

> model.glm3 <- update(model.glm2, ~. – education)

> summary(model.glm3)

> model.glm4<-update(model.glm3, ~. – age)

> summary(model.glm.4)