> pdf(file="histograms.pdf")

> data.set <- read.csv("histogram.csv", stringsAsFactors=FALSE)

> data.set <- data.set[data.set$YRDATA==2013,]

> data.1 <- data.set[data.set$STATE=="Connecticut",]

> data.1 <- data.1[data.1$ENROLL>0,]

> data.1 <- data.1[,c(1,2,3,4,9)]

> expn\_student <- data.1$TOTALEXP/data.1$ENROLL

> data.1 <- cbind.data.frame(data.1, expn\_student)

> index <- which(expn\_student>30)

> top\_ct <- data.1[index,]

> plot(data.1$expn\_student)

> points(index, data.1$expn\_student[index], pch=16, col="red")

> text(index, data.1$expn\_student[index], labels=data.1$NAME[index], cex=0.8)

> data.al <- data.set[data.set$STATE=="Alabama",]

> data.al <- data.al[data.al$ENROLL>0,]

> data.al <- data.al[,c(1,2,3,4,9)]

> expn\_student\_al <- data.al$TOTALEXP/data.al$ENROLL

> data.al <- cbind.data.frame(data.al, expn\_student\_al)

> data.ct <- data.set[data.set$STATE=="Connecticut",]

> data.ct <- data.ct[data.ct$ENROLL>0,]

> data.ct <- data.ct[,c(1,2,3,4,9)]

> expn\_student\_ct <- data.ct$TOTALEXP/data.ct$ENROLL

> data.al <- cbind.data.frame(data.ct, expn\_student\_ct)

> hist(expn\_student\_al, col=rgb(0.5, 0.5, 0.5, 0.5), freq=FALSE, breaks=6, xlab="Expenditure per Student", main="School Level Expenditure per Student")

> hist(expn\_student\_ct, col=rgb(0.2,0.5,0.5,0.2), freq=FALSE, breaks=6, add=TRUE)

> dev.off()

RStudioGD

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