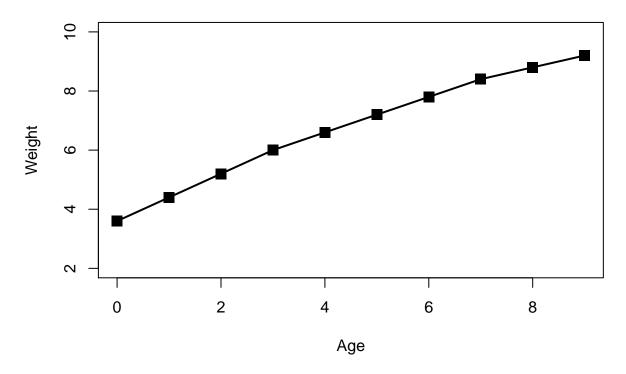
Lecture 5 Graphics and plots with R

Simon Midvtedt Jan 23rd, 2019

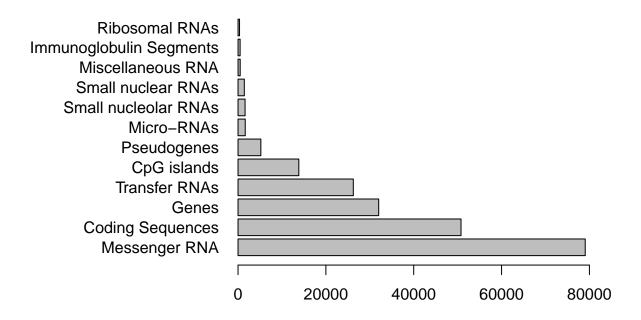
Section 2A: line plot

Babys



Section 2B: bar plot

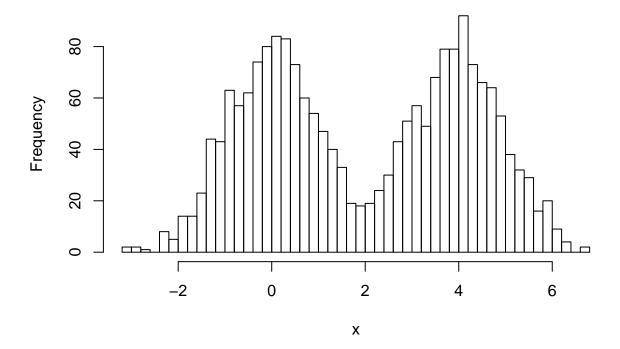
Mouse Genome



Section 2C: histograms

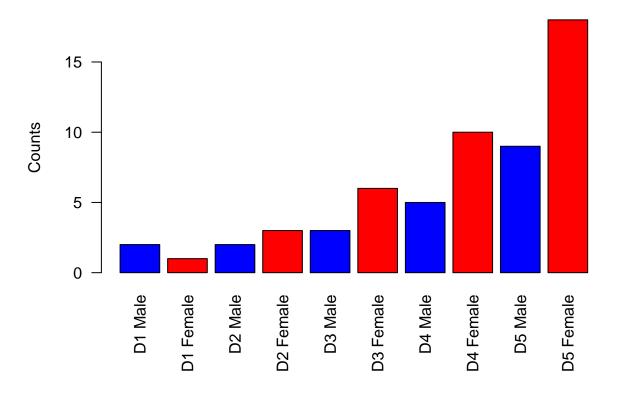
```
x = c(rnorm(1000, 0), rnorm(1000, 4))
par(mar = c(5.1, 4.1, 4.1, 2.1))
hist(x, breaks = 50)
```

Histogram of x



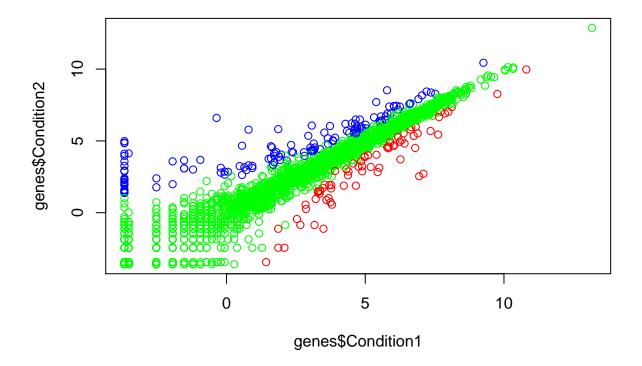
Section 3A: colors

Rainbow Bars



Section 3B: coloring by value

```
genes = read.table("bimm143_05_rstats/up_down_expression.txt", header = T, sep = "\t")
palette(c("red", "green", "blue"))
plot(genes$Condition1, genes$Condition2, col = genes$State)
```



Section 3C: dynamic colors

