

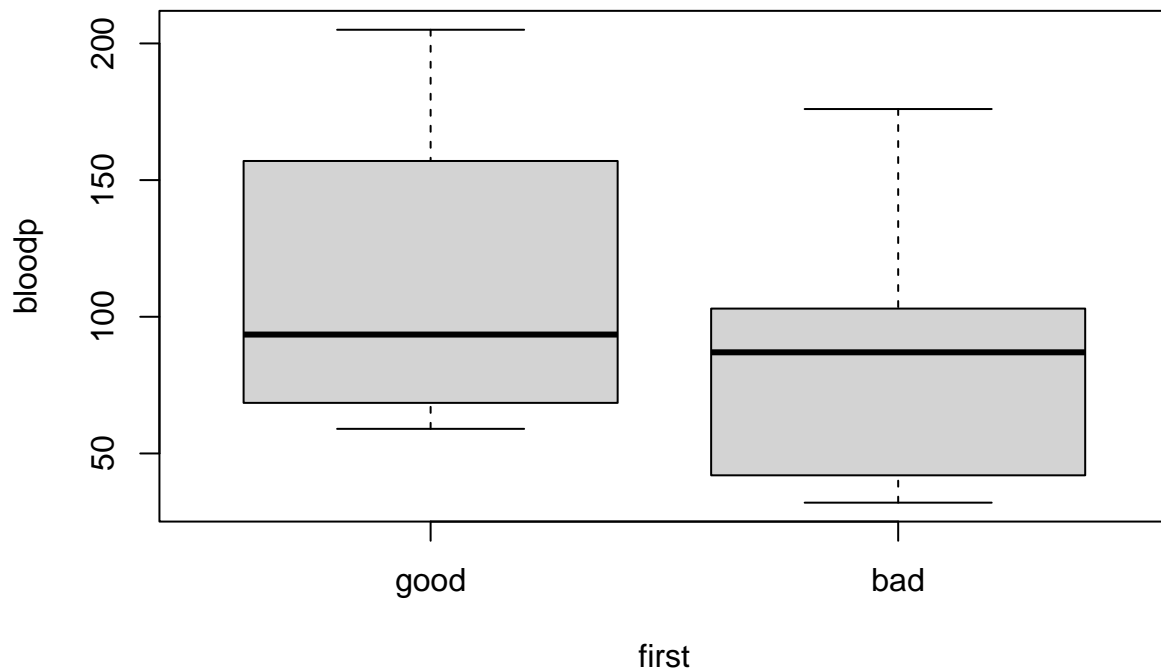
mod4.R

spenc

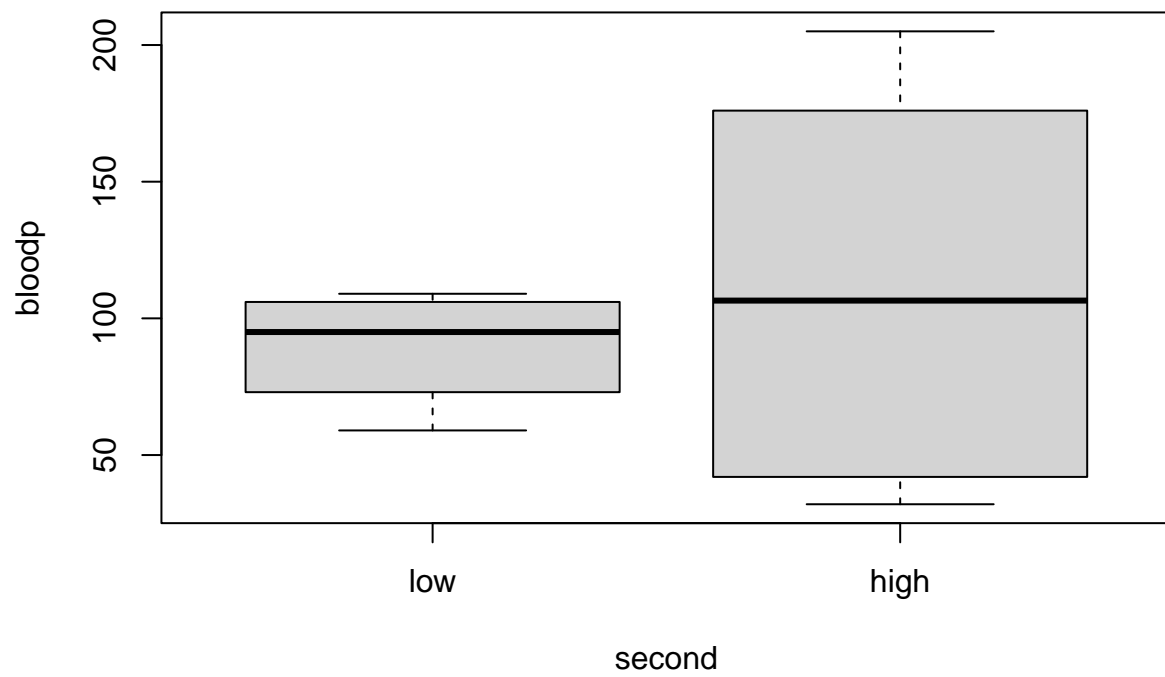
2026-02-08

```
# Establish data vectors
freq <- c(0.6, 0.3, 0.4, 0.4, 0.2, 0.6, 0.3, 0.4, 0.9, 0.2)
bloodp <- c(103, 87, 32, 42, 59, 109, 78, 205, 135, 176)
first <- factor(c(1, 1, 1, 1, 0, 0, 0, 0, NA, 1), labels=c("good", "bad"))
second <- factor(c(0, 0, 1, 1, 0, 0, 1, 1, 1, 1), labels=c("low", "high"))
finaldecision <- factor(c(0, 1, 0, 1, 0, 1, 0, 1, 1, 1), labels=c("low", "high"))

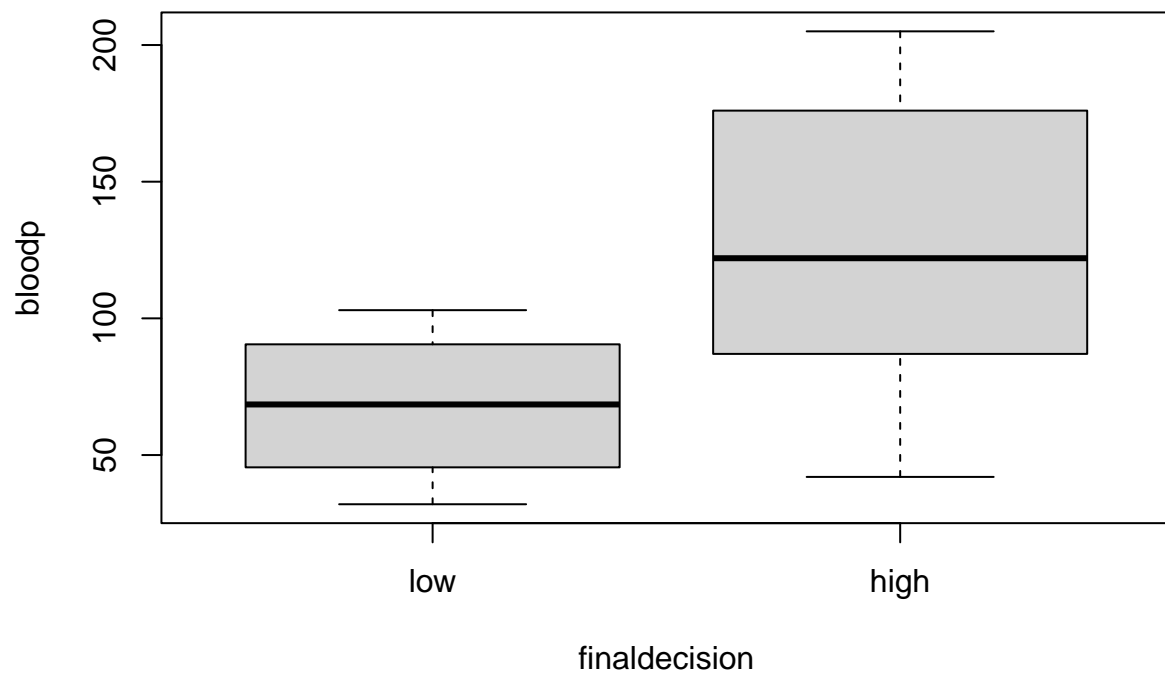
# Show side-by-side boxplots of the blood pressure for different levels of each
# doctor's assessment
boxplot(bloodp ~ first)
```



```
boxplot(bloodp ~ second)
```

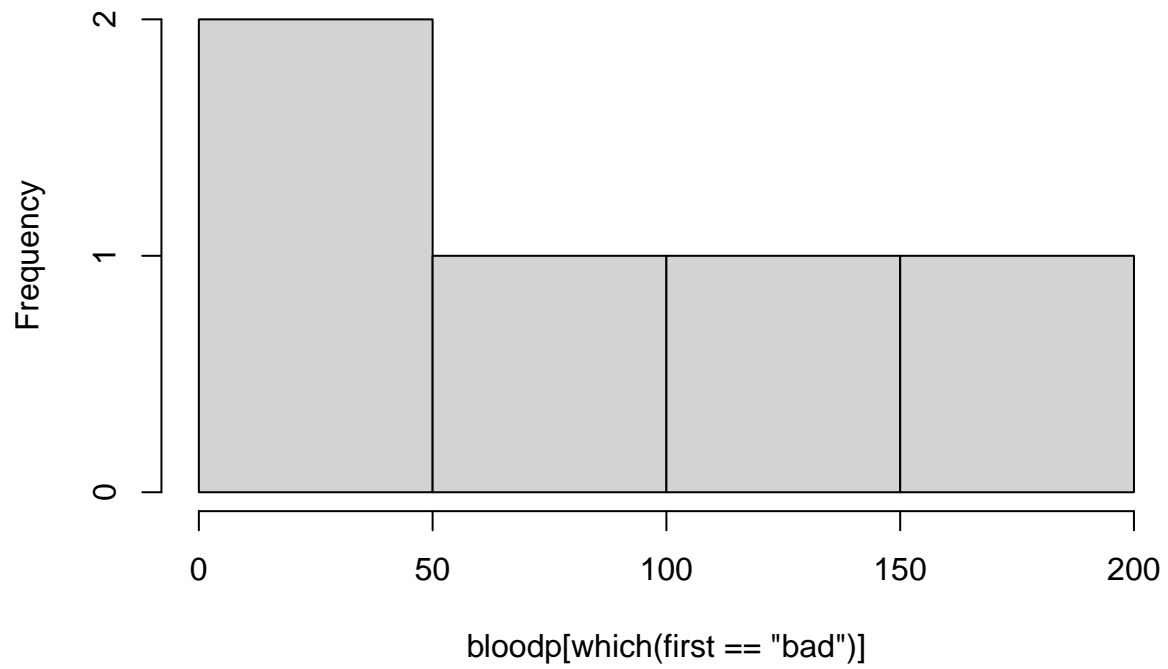


```
boxplot(bloodp ~ finaldecision)
```



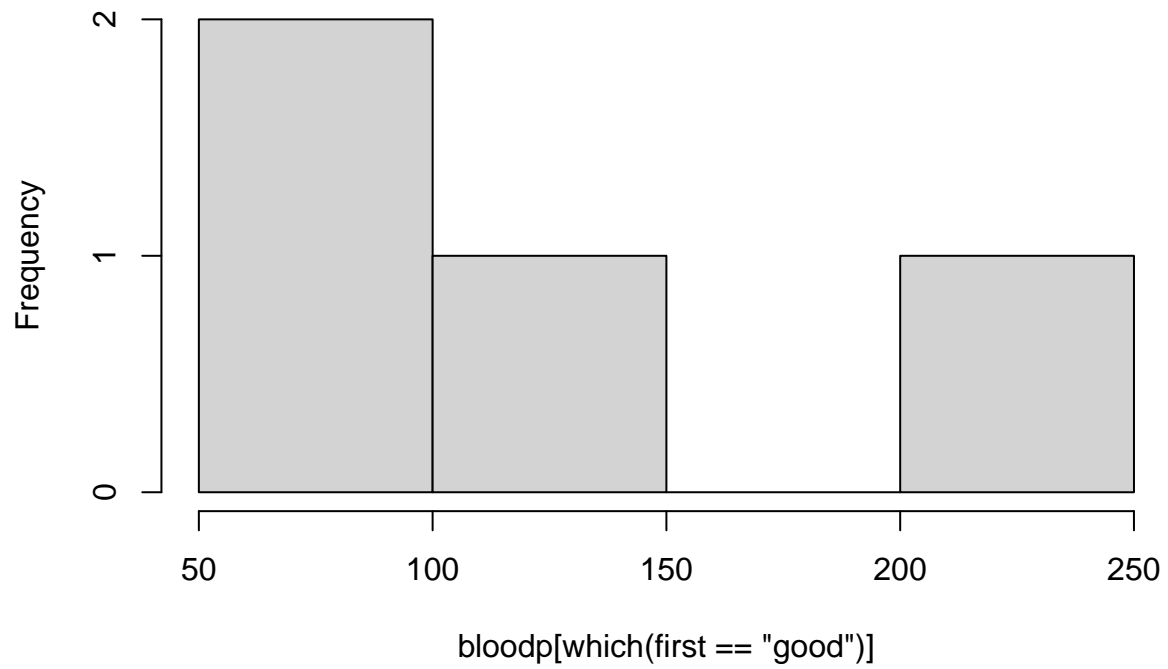
```
# Show histograms of the blood pressure for different levels of each doctor's  
# assessment  
hist(bloodp[which(first == "bad")])
```

Histogram of bloodp[which(first == "bad")]



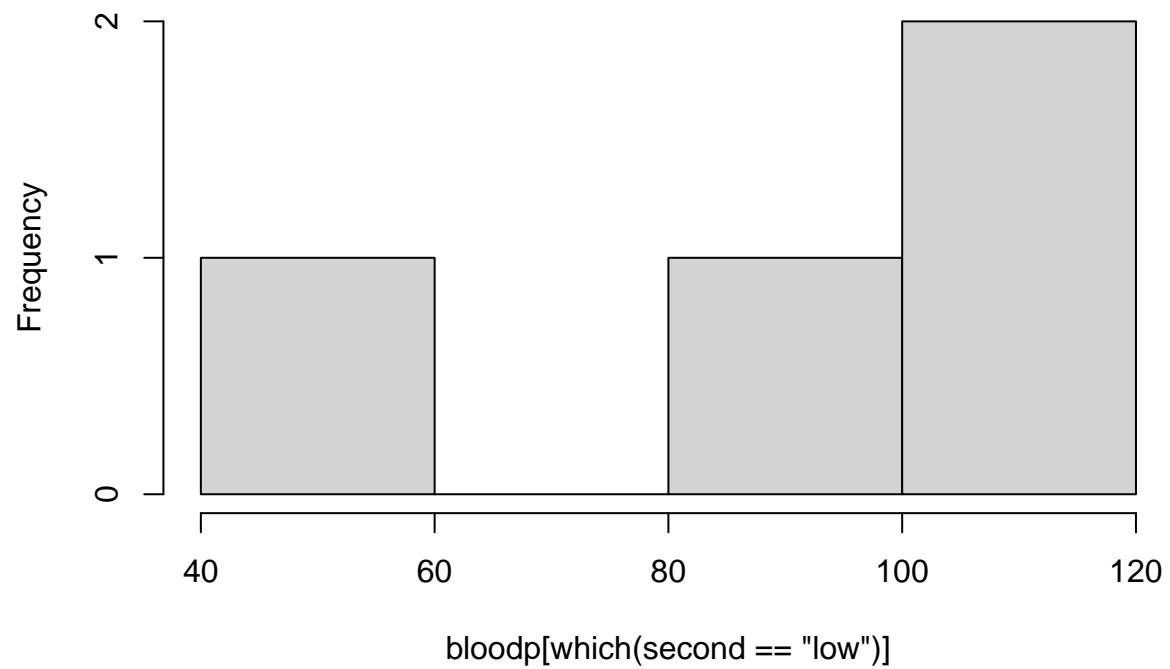
```
hist(bloodp[which(first == "good")])
```

Histogram of bloodp[which(first == "good")]



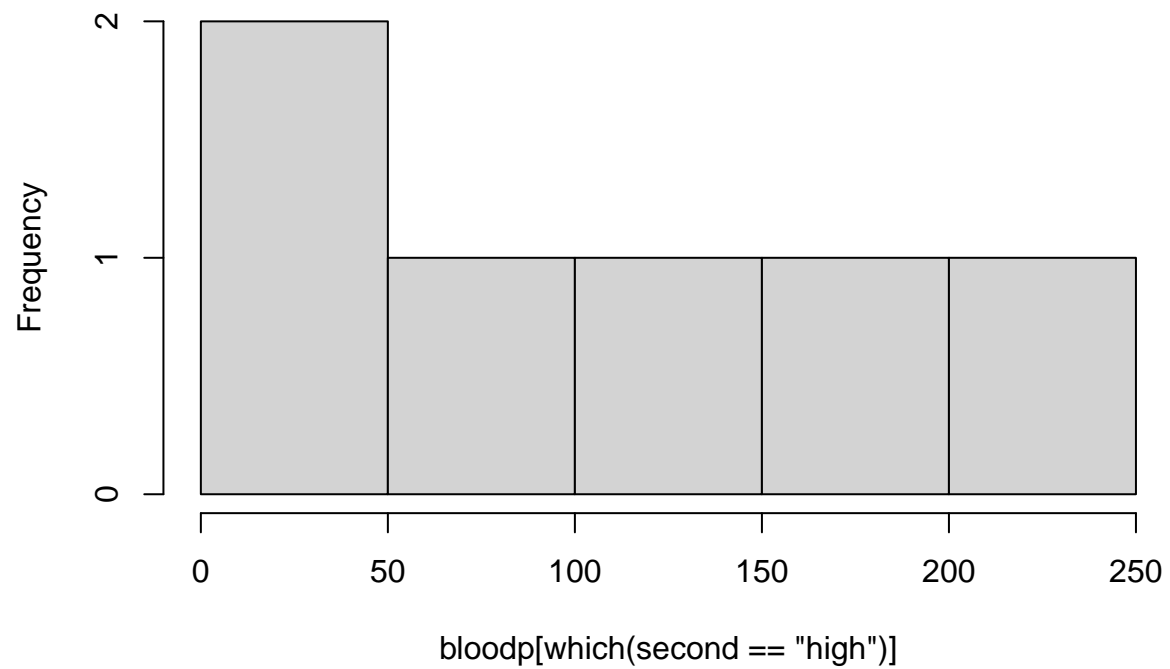
```
hist(bloodp[which(second == "low")])
```

Histogram of bloodp[which(second == "low")]



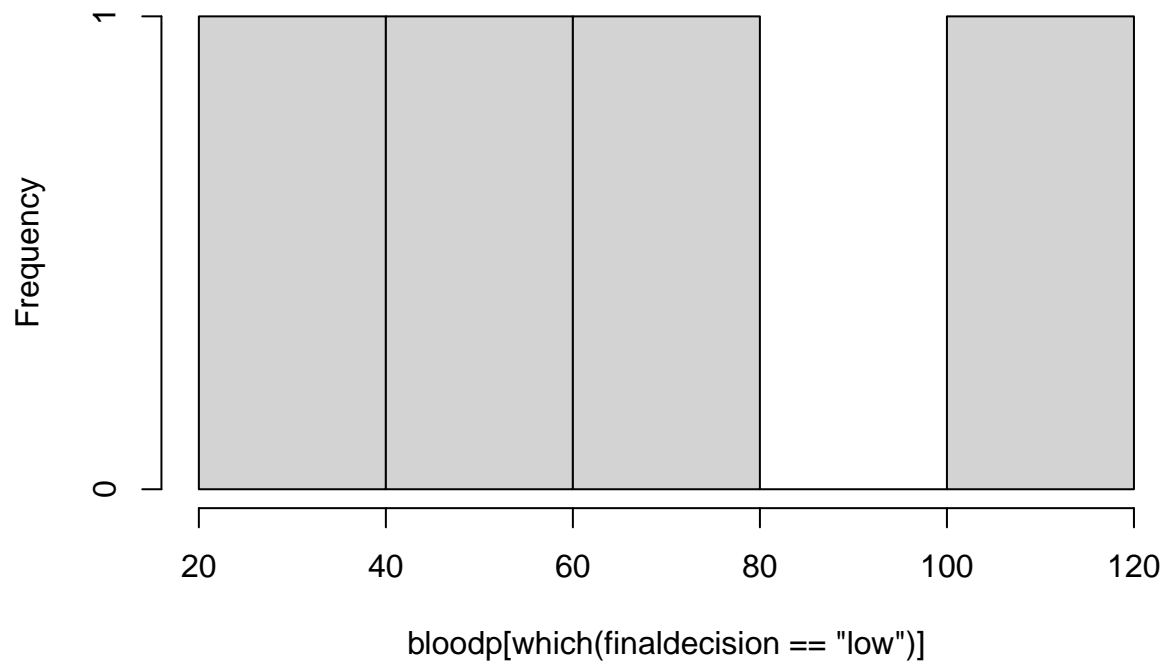
```
hist(bloodp[which(second == "high")])
```

Histogram of bloodp[which(second == "high")]



```
hist(bloodp[which(finaldecision == "low")])
```

Histogram of bloodp[which(finaldecision == "low")]



```
hist(bloodp[which(finaldecision == "high")])
```


Histogram of bloodp[which(finaldecision == "high")]

