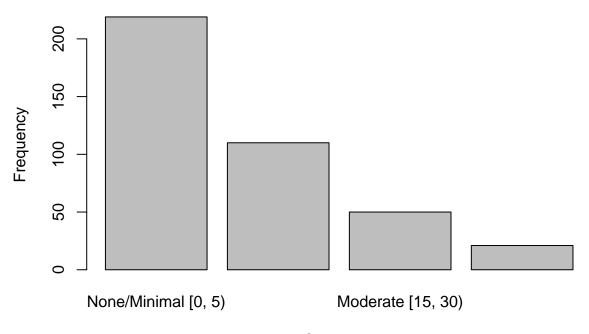
EDA

Christopher Thornton

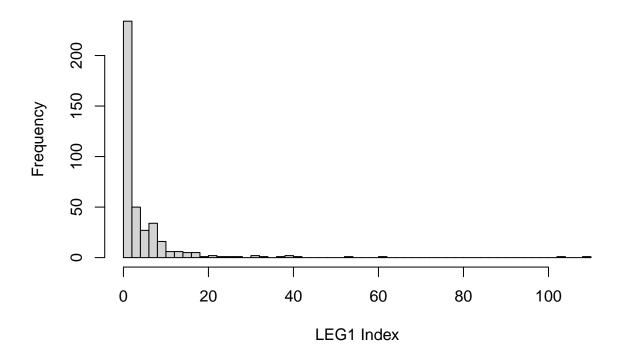
2023-05-23

AHI Severity



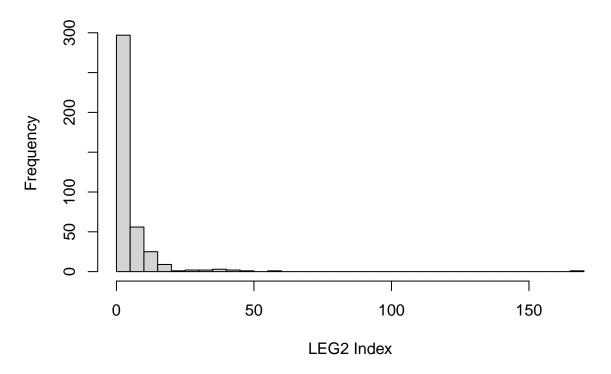
AHI Categorization

LEG1 Index

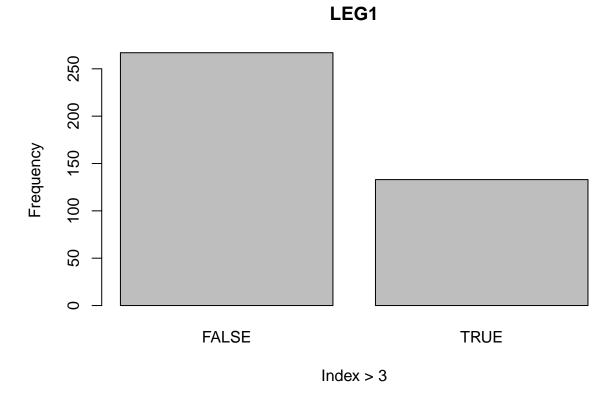


hist(data\$`LEG2 Index`,breaks=50,main="LEG2 Index",xlab="LEG2 Index")

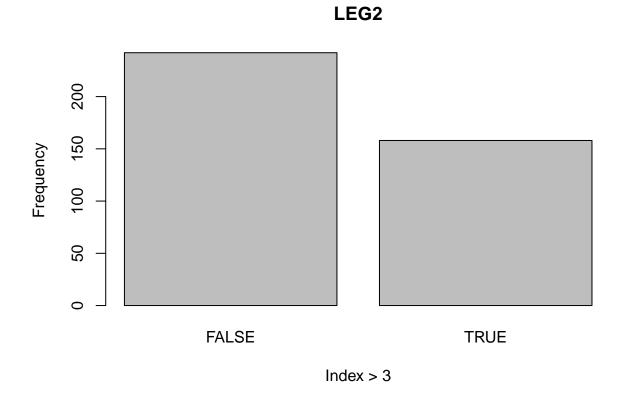
LEG2 Index



barplot(sort(table(data\$`LEG1 Movement`),decreasing = T),main="LEG1",xlab="Index > 3",ylab="Frequency")

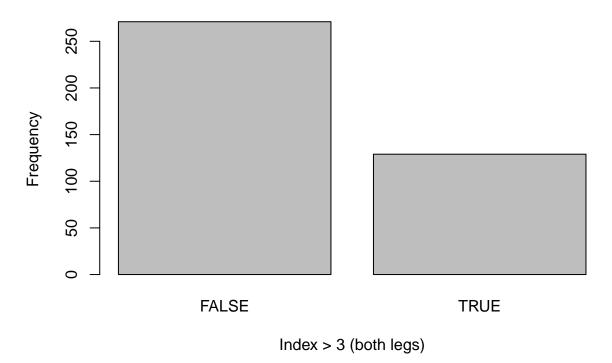


barplot(sort(table(data\$`LEG2 Movement`),decreasing = T),main="LEG2",xlab="Index > 3",ylab="Frequency")

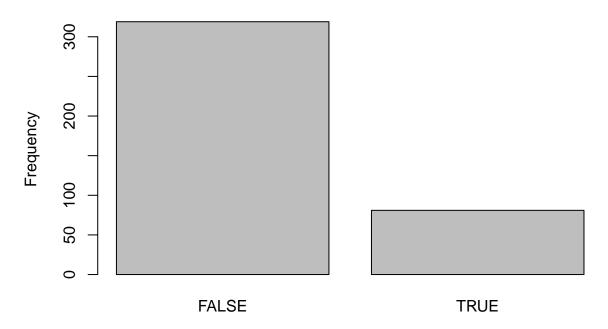


barplot(sort(table(data\$`Both Leg Movement`),decreasing = T),main="Both Leg Movement",xlab="Index > 3 (

Both Leg Movement



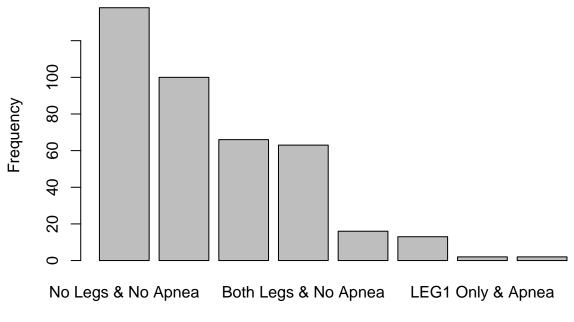
LEG Movement and Apnea



Movement in at least one leg & AHI at least 5

data <- data %>% mutate(LEG=case_when(`Both Leg Movement`==T~"Both Legs",`LEG1 Movement`==T&`LEG2 Movement
barplot(sort(table(data\$`Leg&Apnea`),decreasing = T),main="LEG Movement and Apnea",xlab="Movement in at

LEG Movement and Apnea



Movement in at least one leg & AHI at least 5