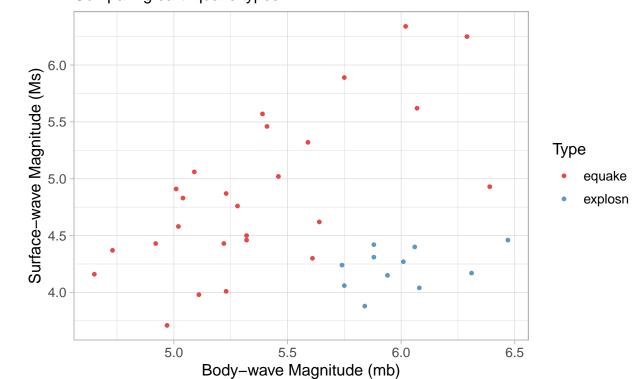
Report_10883408

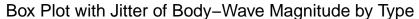
10883408

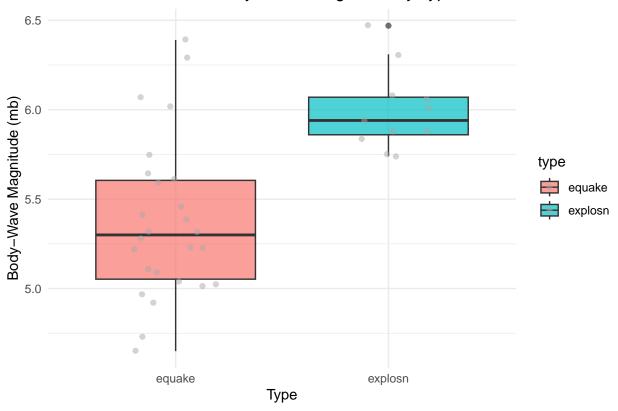
2024-04-08

ML part A

Body-wave Magnitude vs. Surface-wave Magnitude Comparing earthquake types

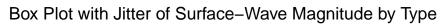


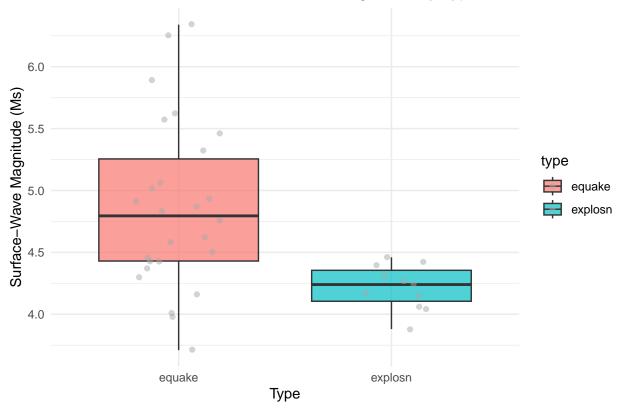




```
library(ggplot2)

ggplot(data, aes(x = type, y = surface, fill = type)) +
    geom_boxplot(alpha = 0.7) +
    geom_jitter(width = 0.2, alpha = 0.5, color = "darkgray") +
    labs(title = "Box Plot with Jitter of Surface-Wave Magnitude by Type",
        x = "Type",
        y = "Surface-Wave Magnitude (Ms)") +
    theme_minimal()
```





ML part B



