

# STA 440 Case 2

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## Introduction

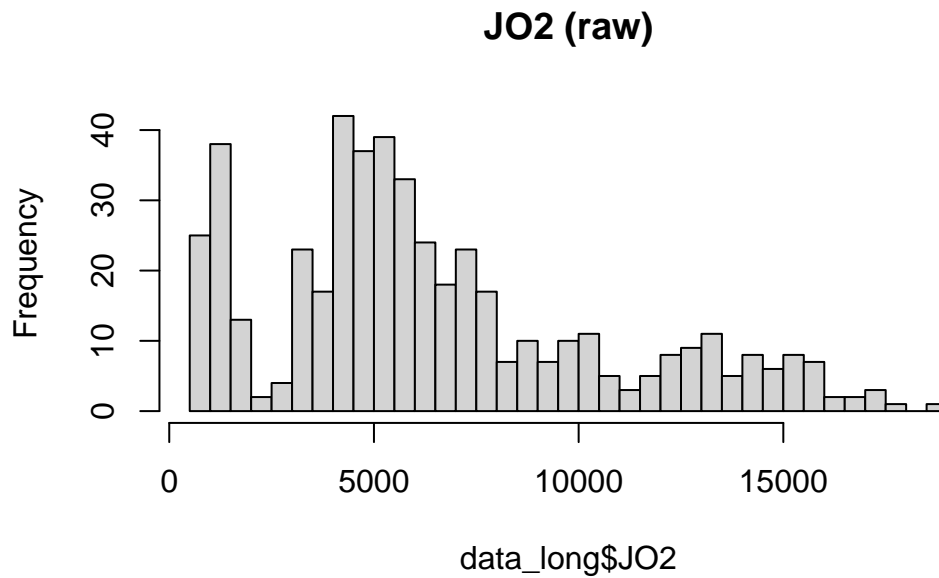
## Data

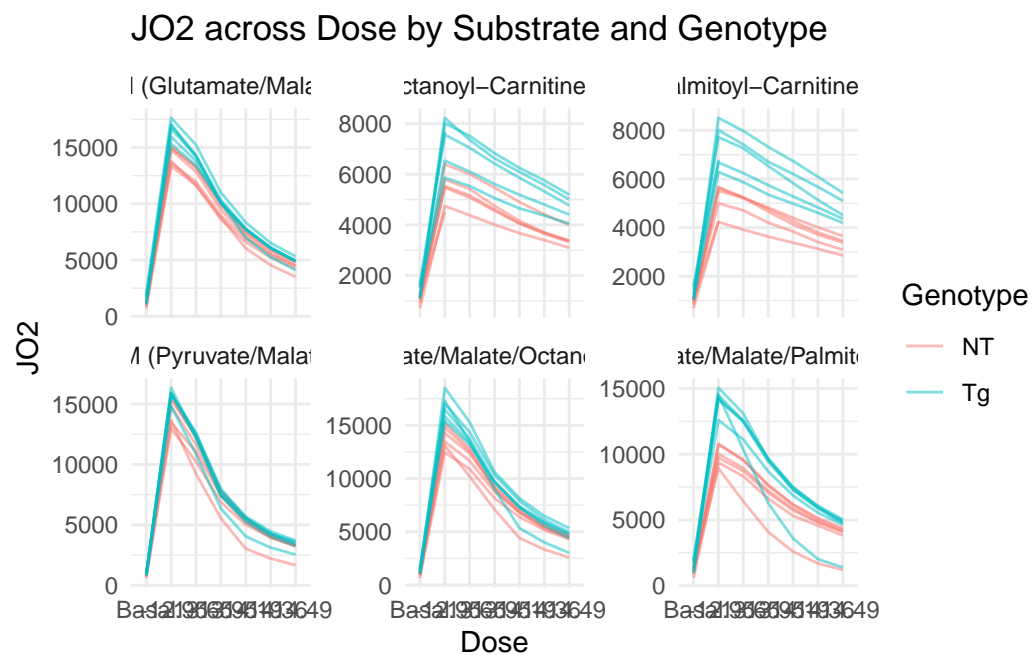
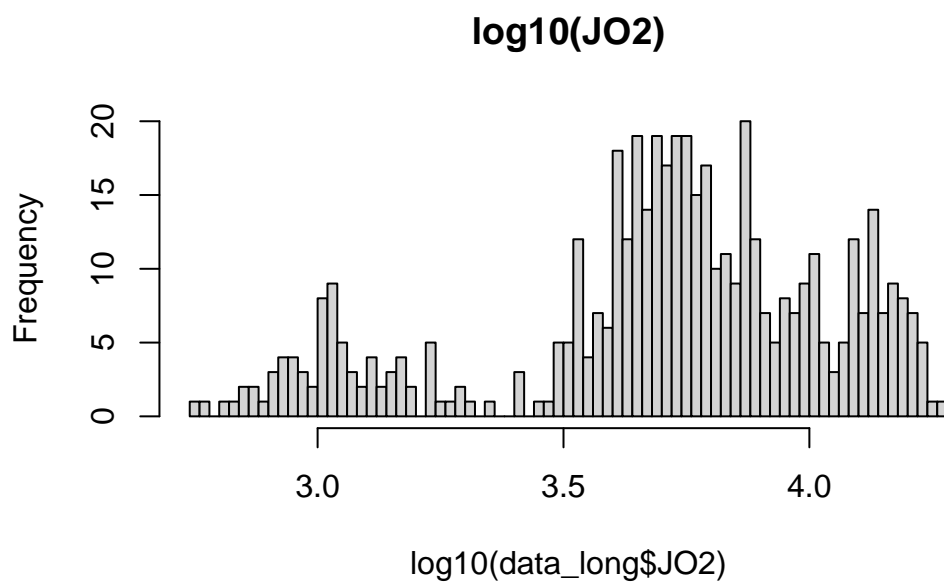
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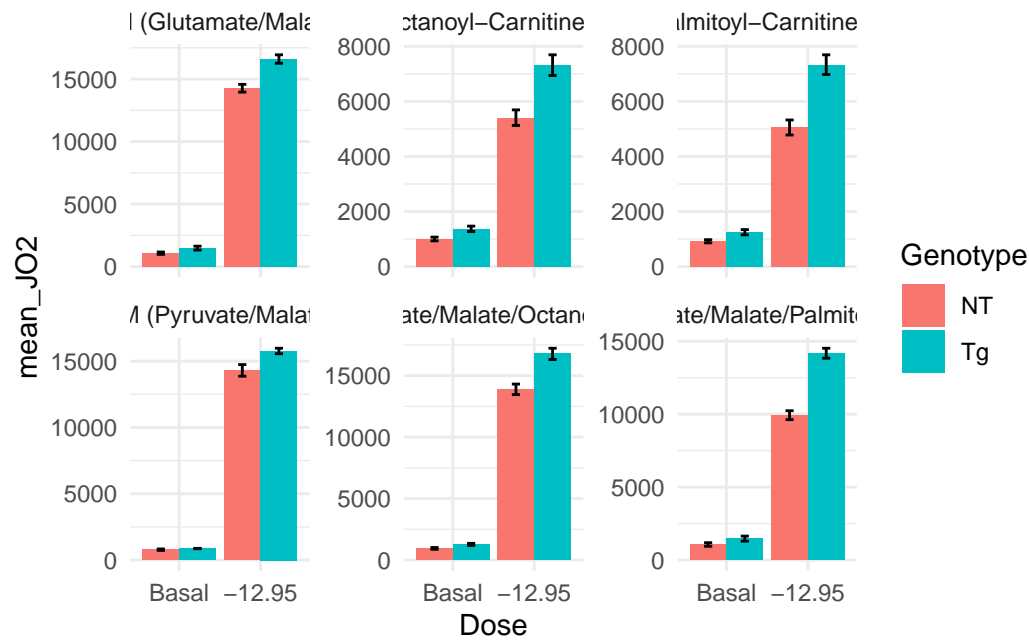
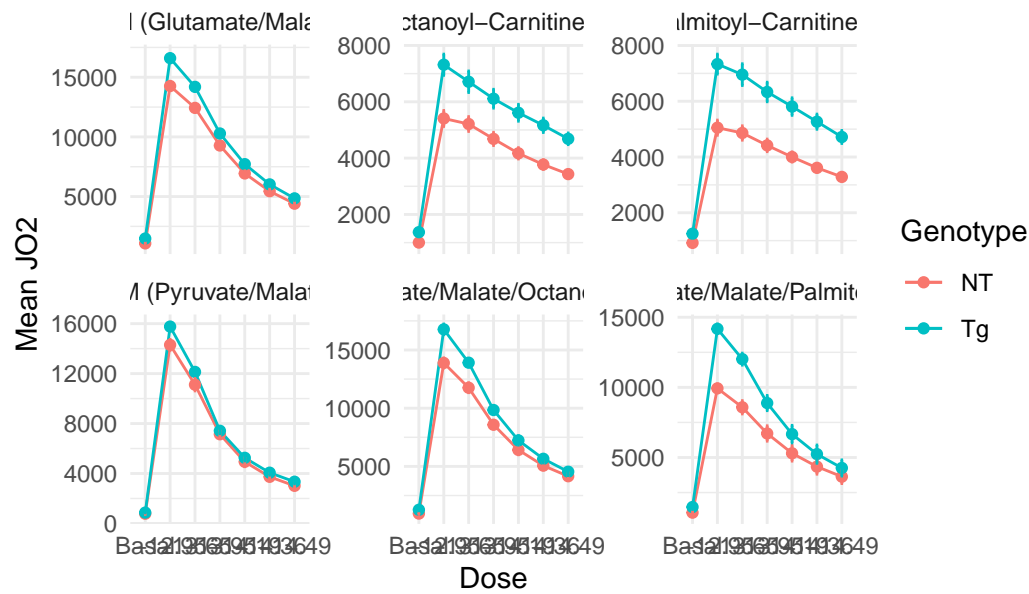
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$ Substrate <chr> "GM (Glutamate/Malate)", "GM (Glutamate/Malate)", "GM (Gluta~  
$ Dose <ord> Basal, -12.95, -13.65, -13.95, -14.19, -14.36, -14.49, Basal~  
$ JO2 <dbl> 1281.63, 13626.77, 11946.57, 8950.77, 6921.53, 5487.89, 4464~  
$ Genotype <chr> "NT", "NT", "NT", "NT", "NT", "NT", "NT", "NT", "NT", "NT", ~  
$ Dose_num <dbl> NA, -12.95, -13.65, -13.95, -14.19, -14.36, -14.49, NA, -12.~
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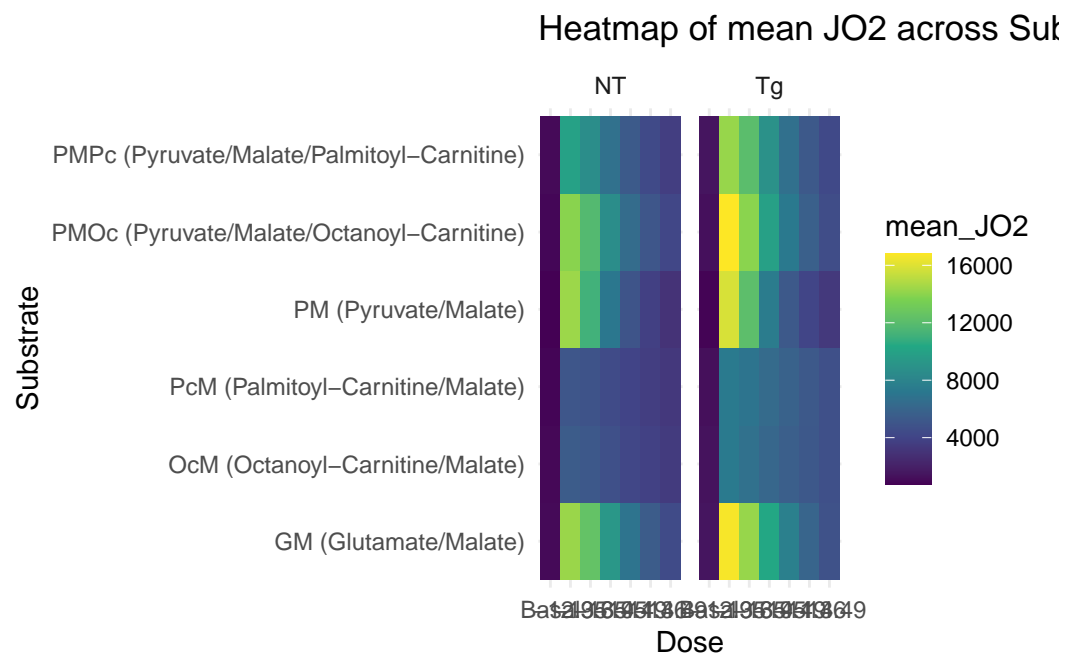
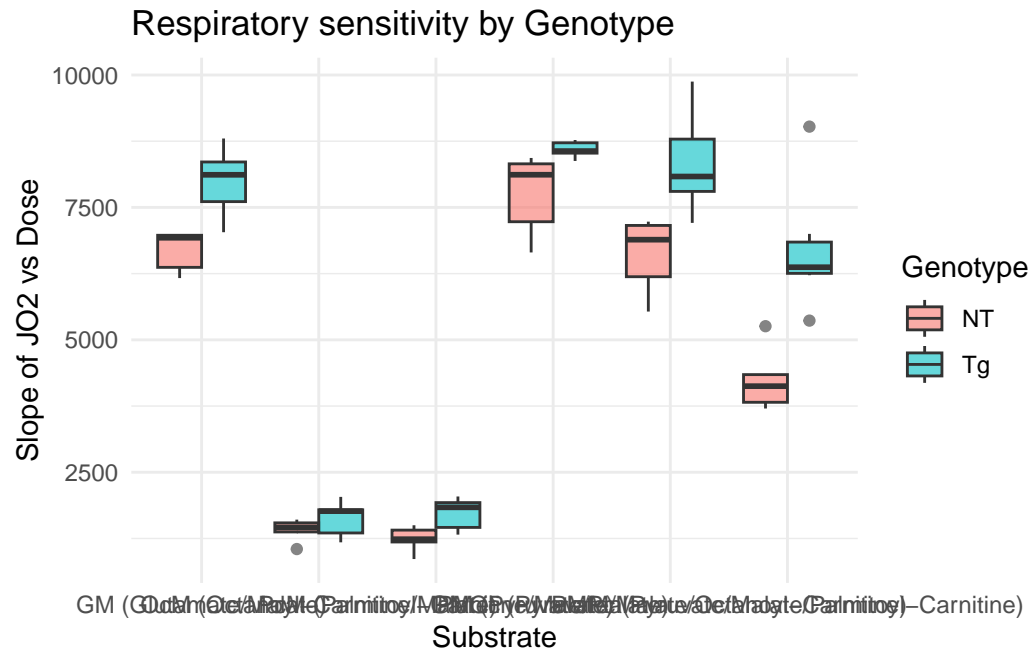
## Exploratory Data Analysis





## Mean JO2 ± SE





Model

Results

Conclusion

Limitations and Future Work

## Appendix