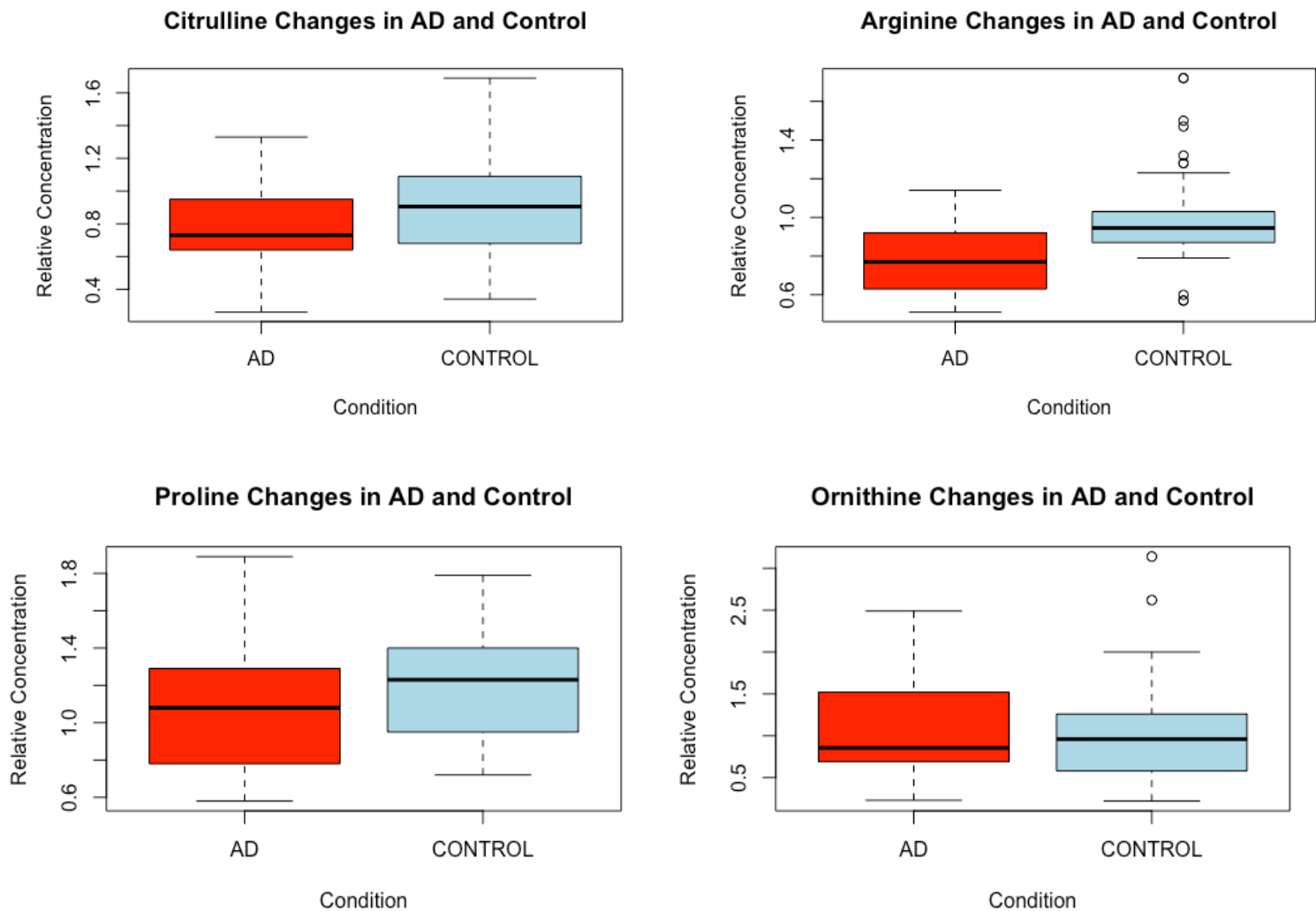
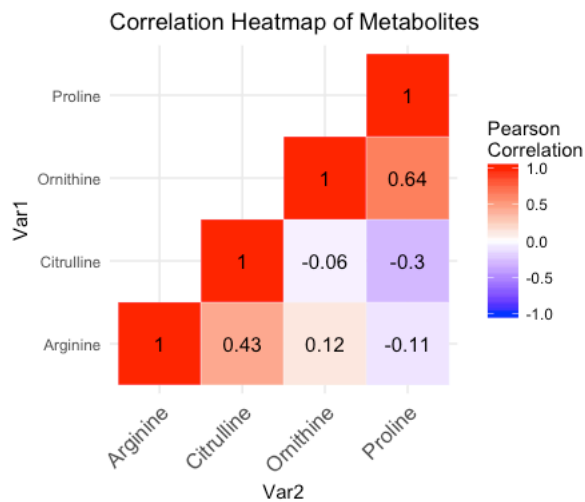


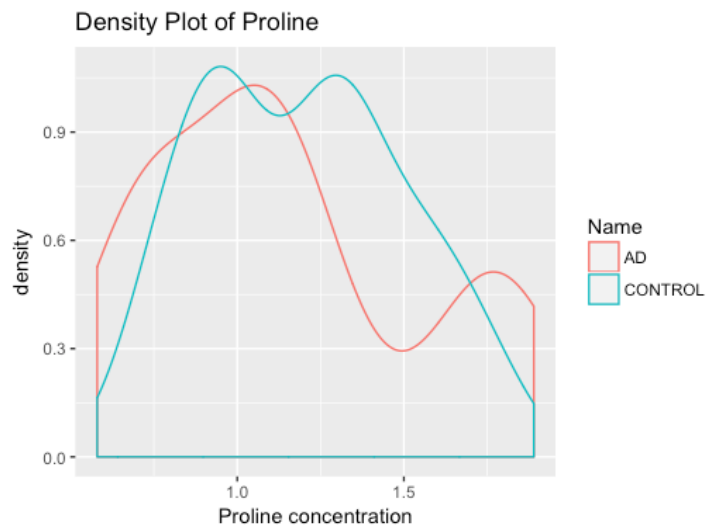
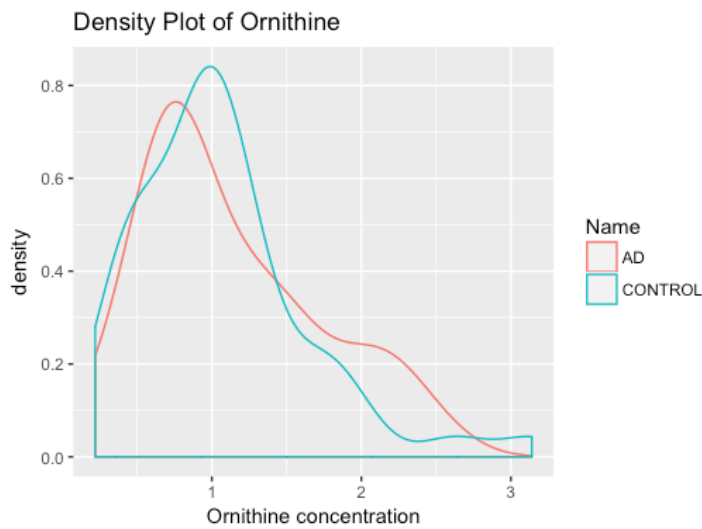
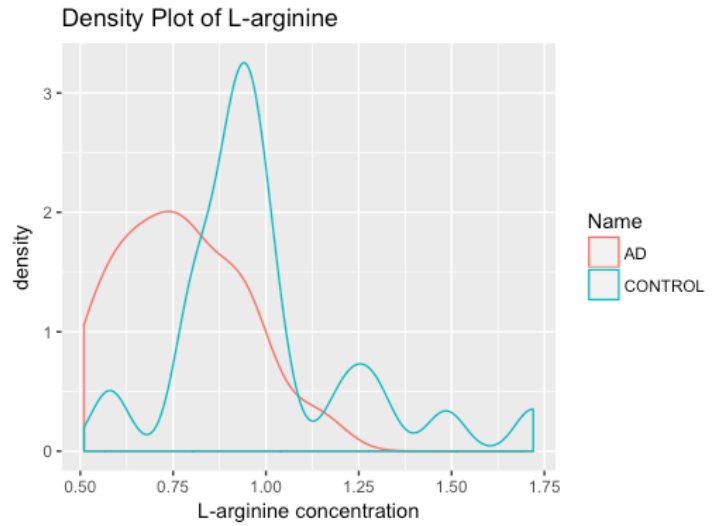
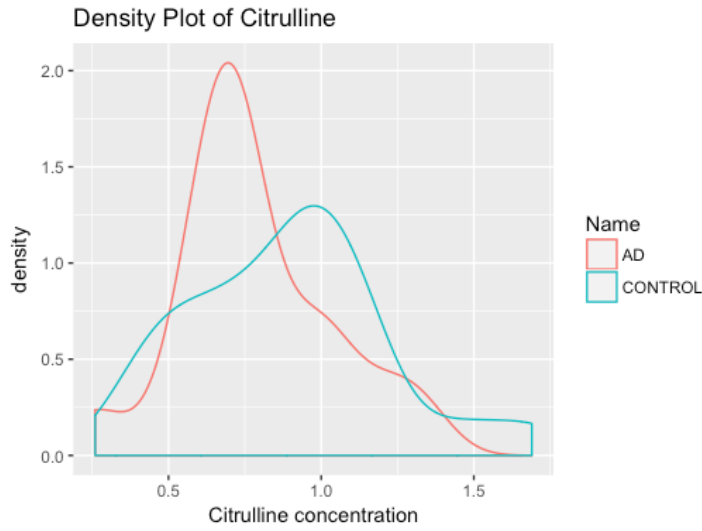
Box plots



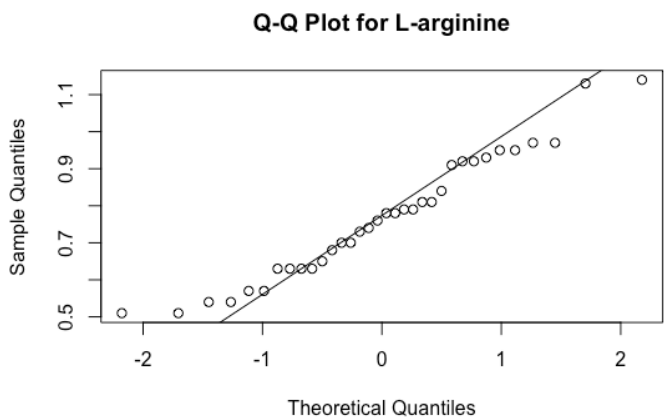
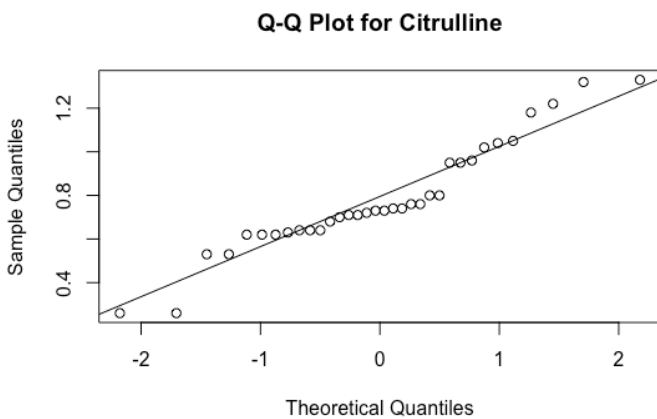
Heatmap



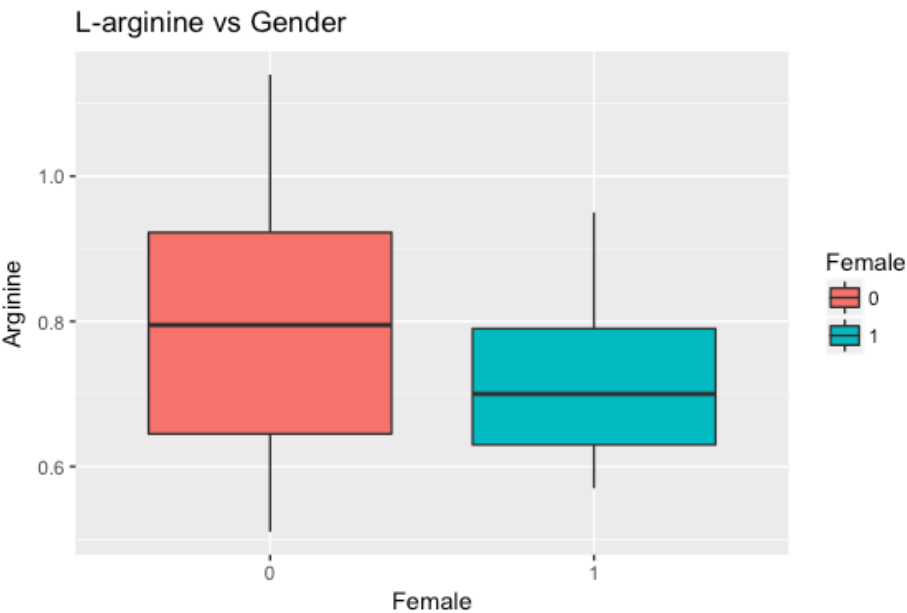
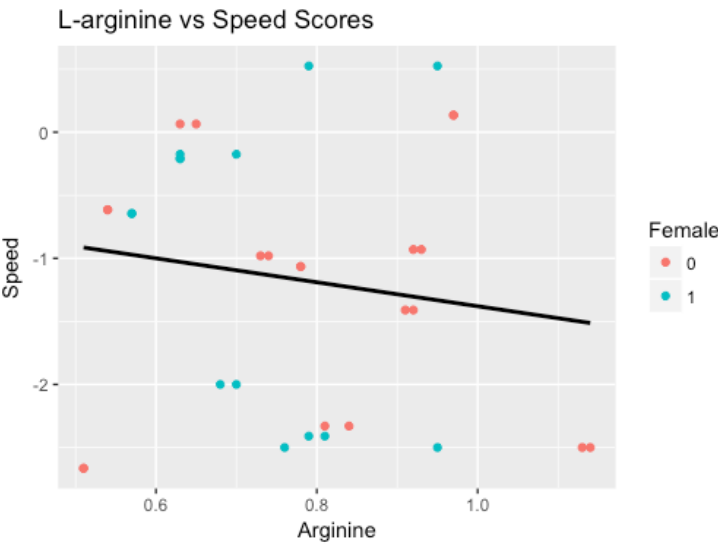
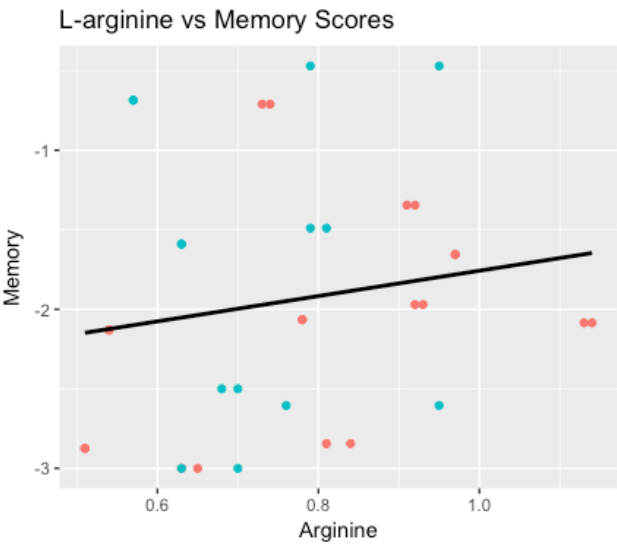
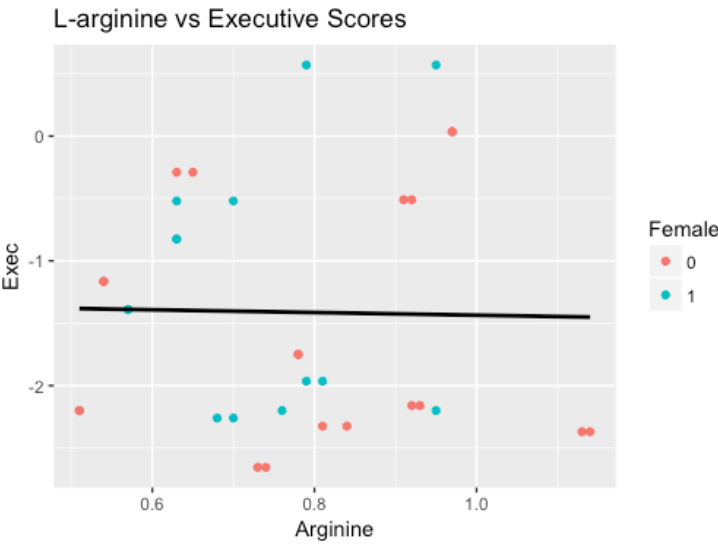
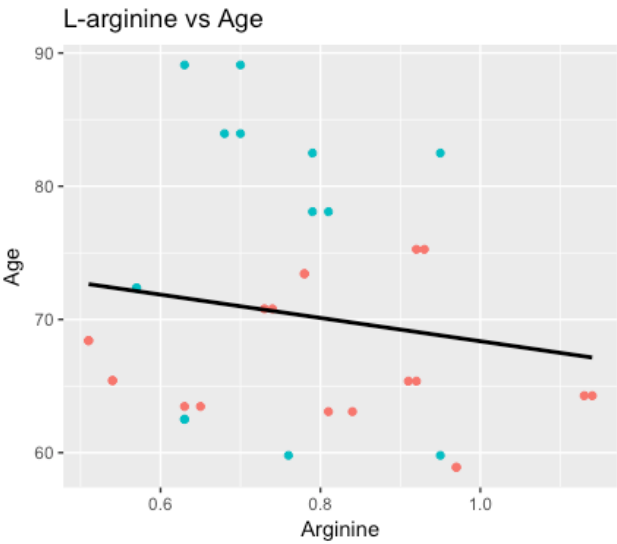
Density Plots



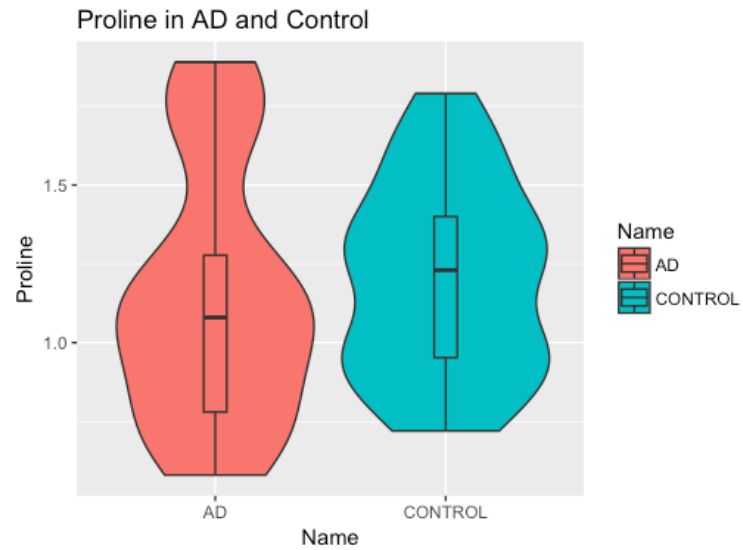
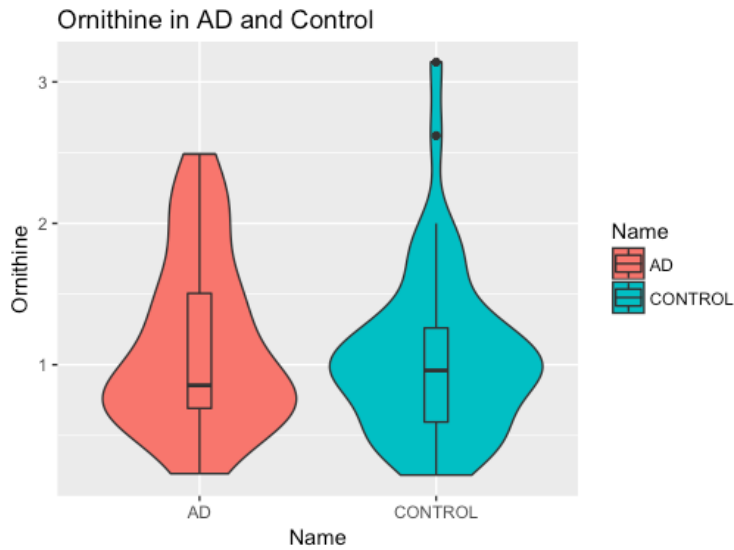
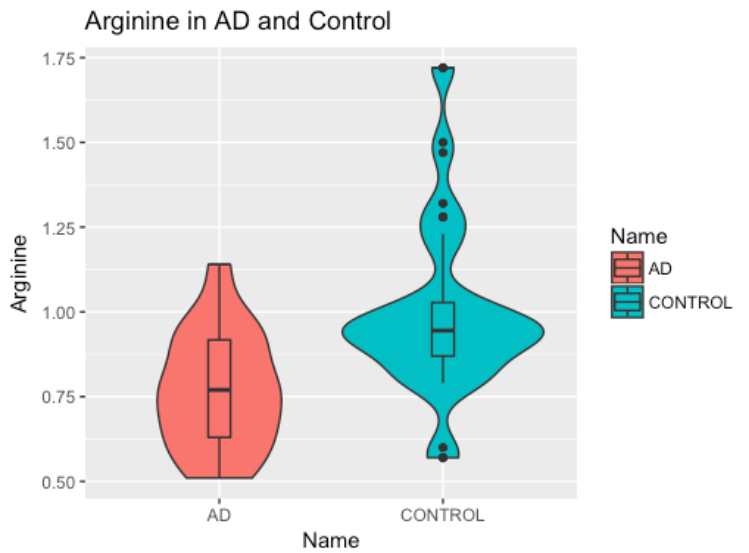
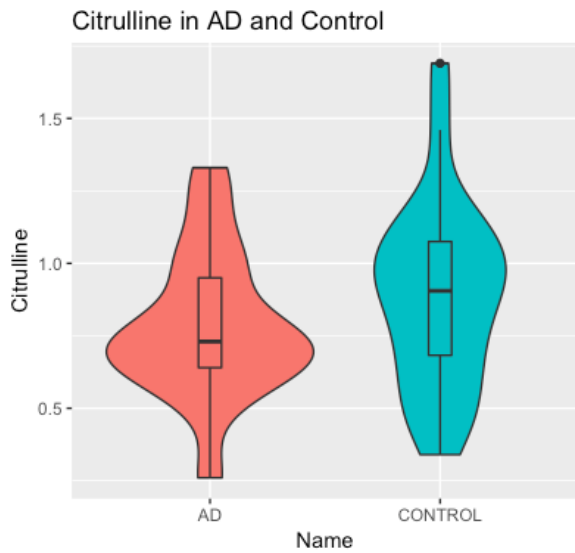
QQ Plots



Scatterplot



Violin Plots



Formulas

$$r = \frac{n(\sum xy) - (\sum x)(\sum y)}{\sqrt{[n\sum x^2 - (\sum x)^2][n\sum y^2 - (\sum y)^2]}}$$

$$t = \frac{(\bar{X}_1 - \bar{X}_2)}{\sqrt{\frac{(S_1)^2}{n_1} + \frac{(S_2)^2}{n_2}}}$$

$$F_{\text{calculated}} = \frac{S_1^2}{S_2^2}$$