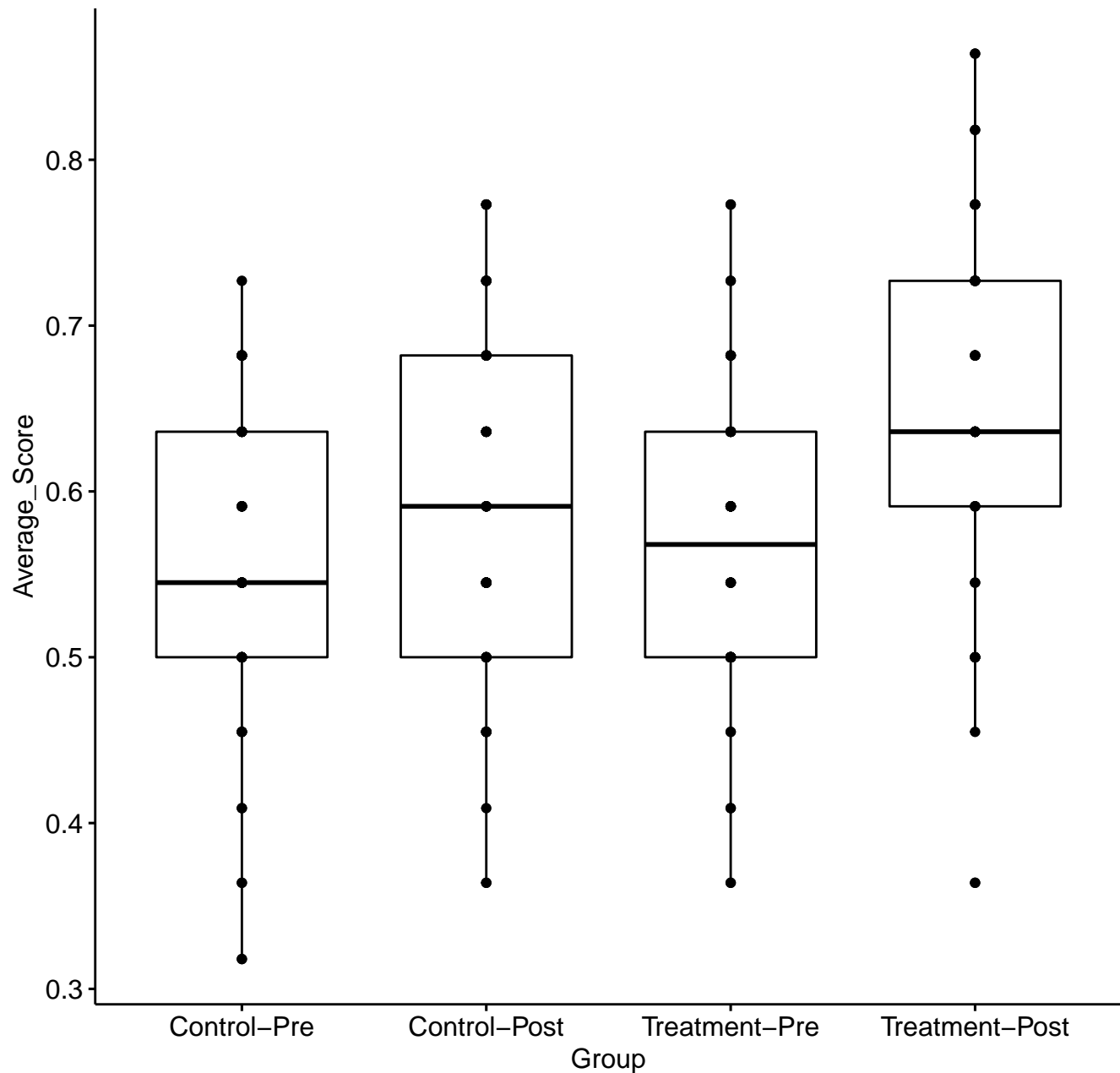
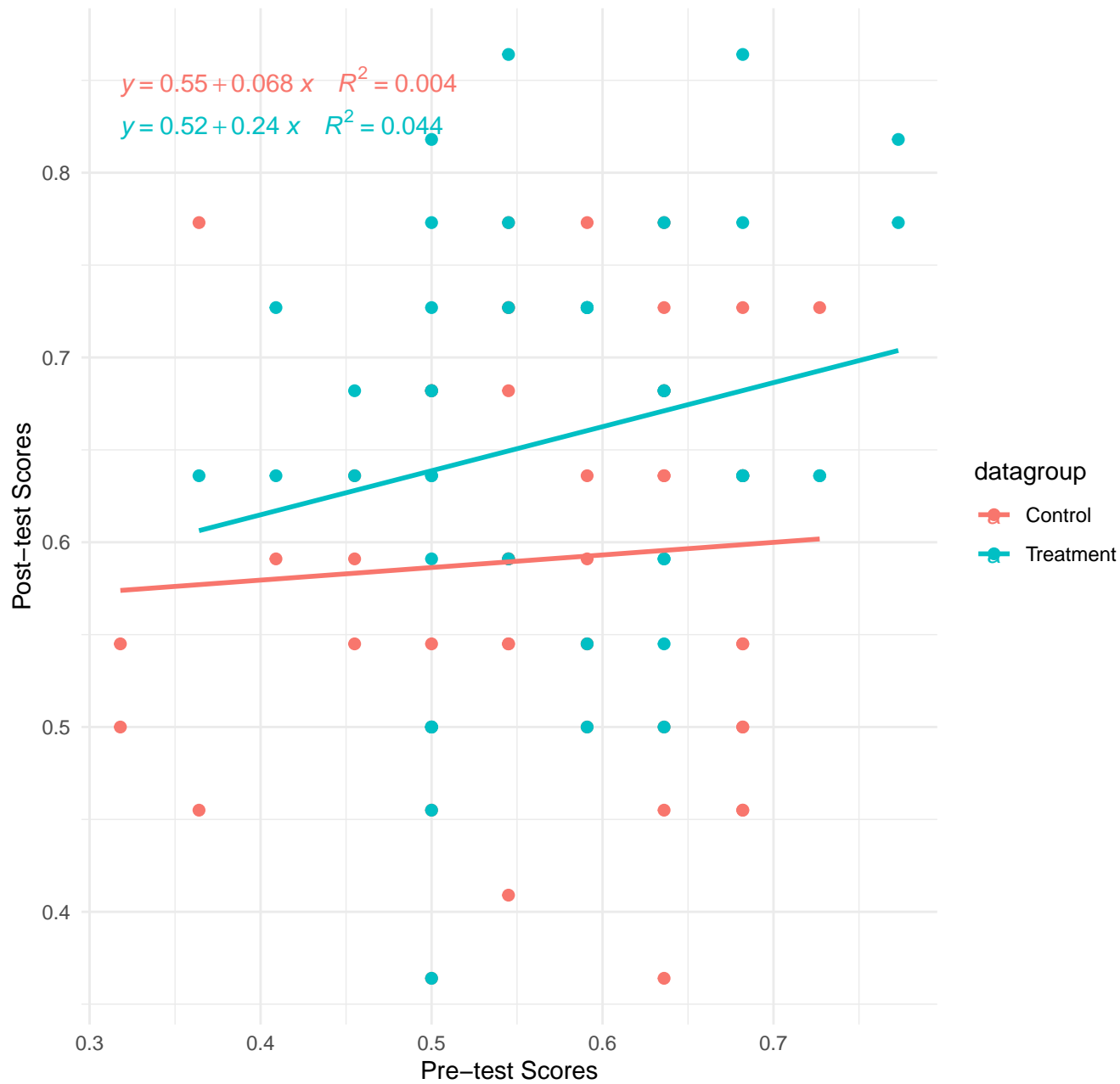


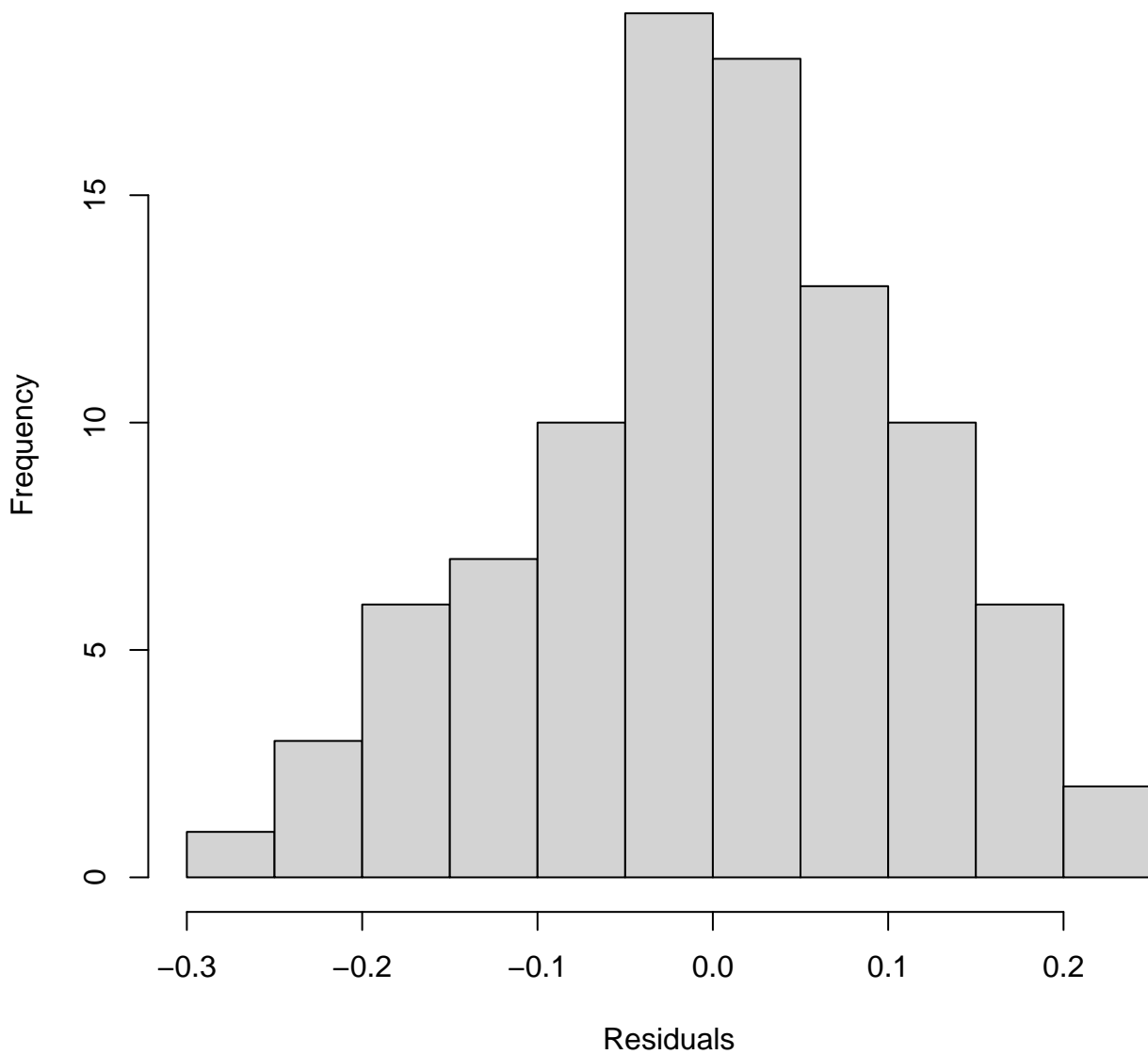
Boxplots by Group



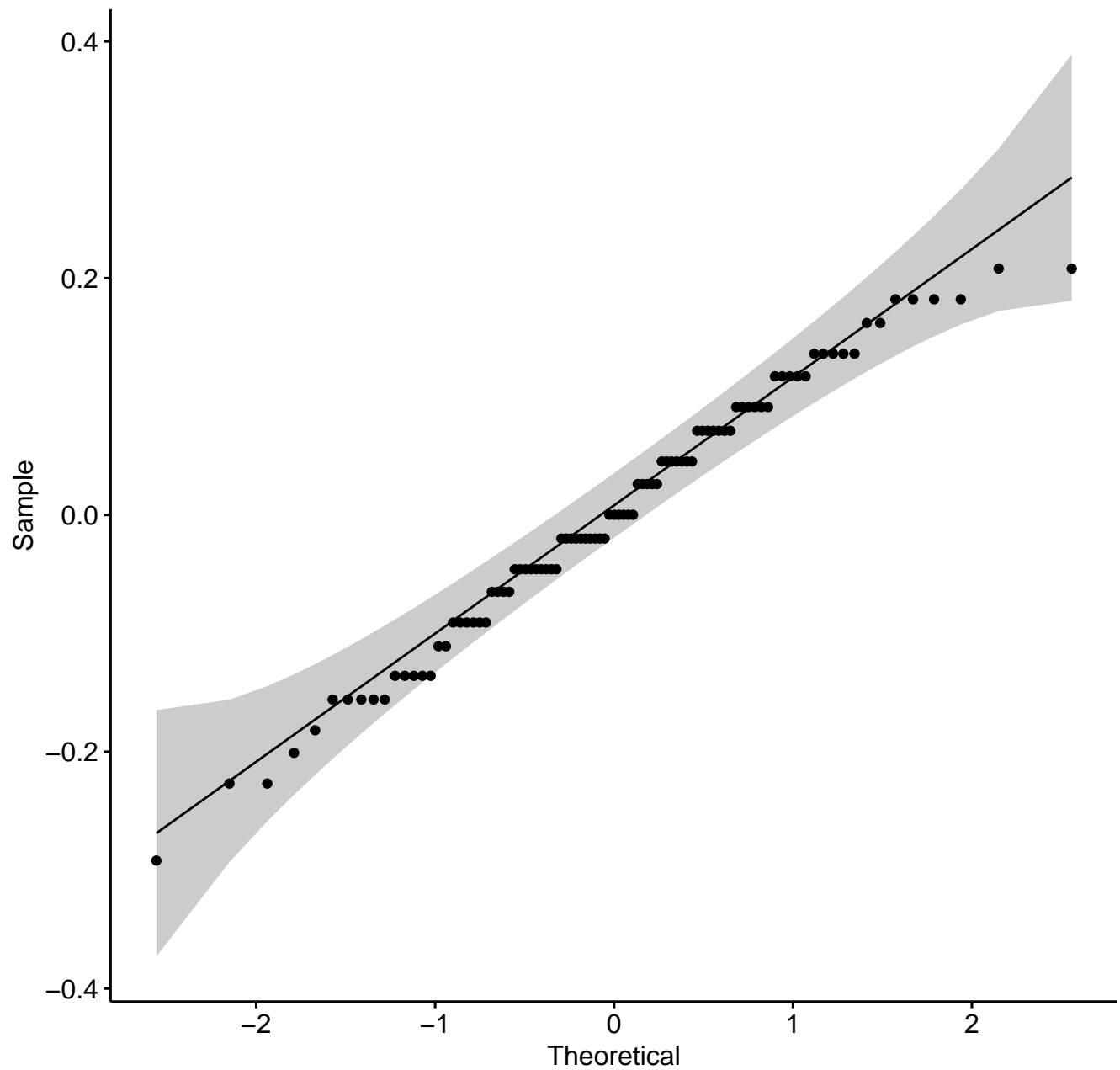
scatter Plot to Check Linearity



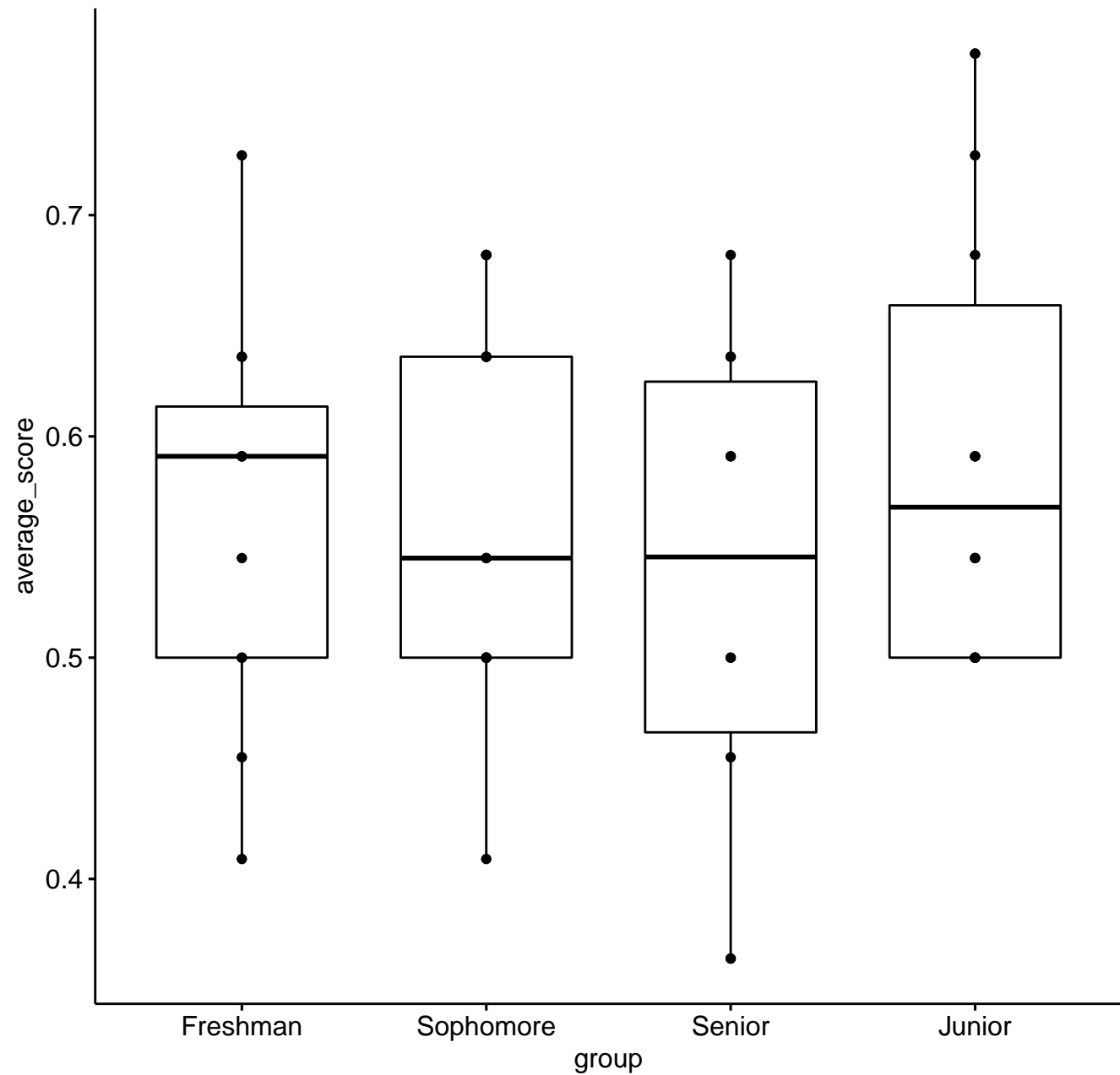
Histogram of Residuals



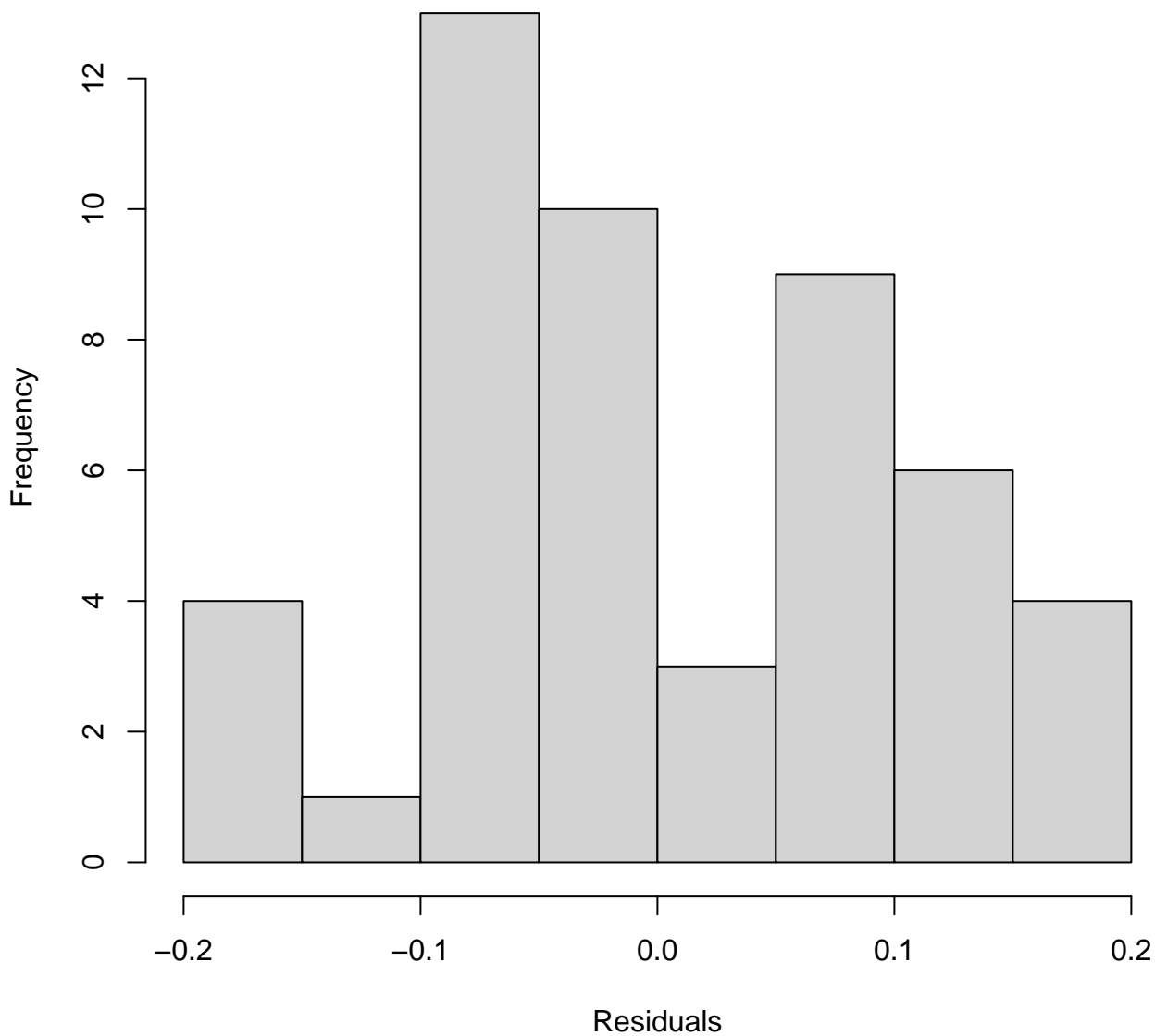
Normal Q-Q Plot of Residuals



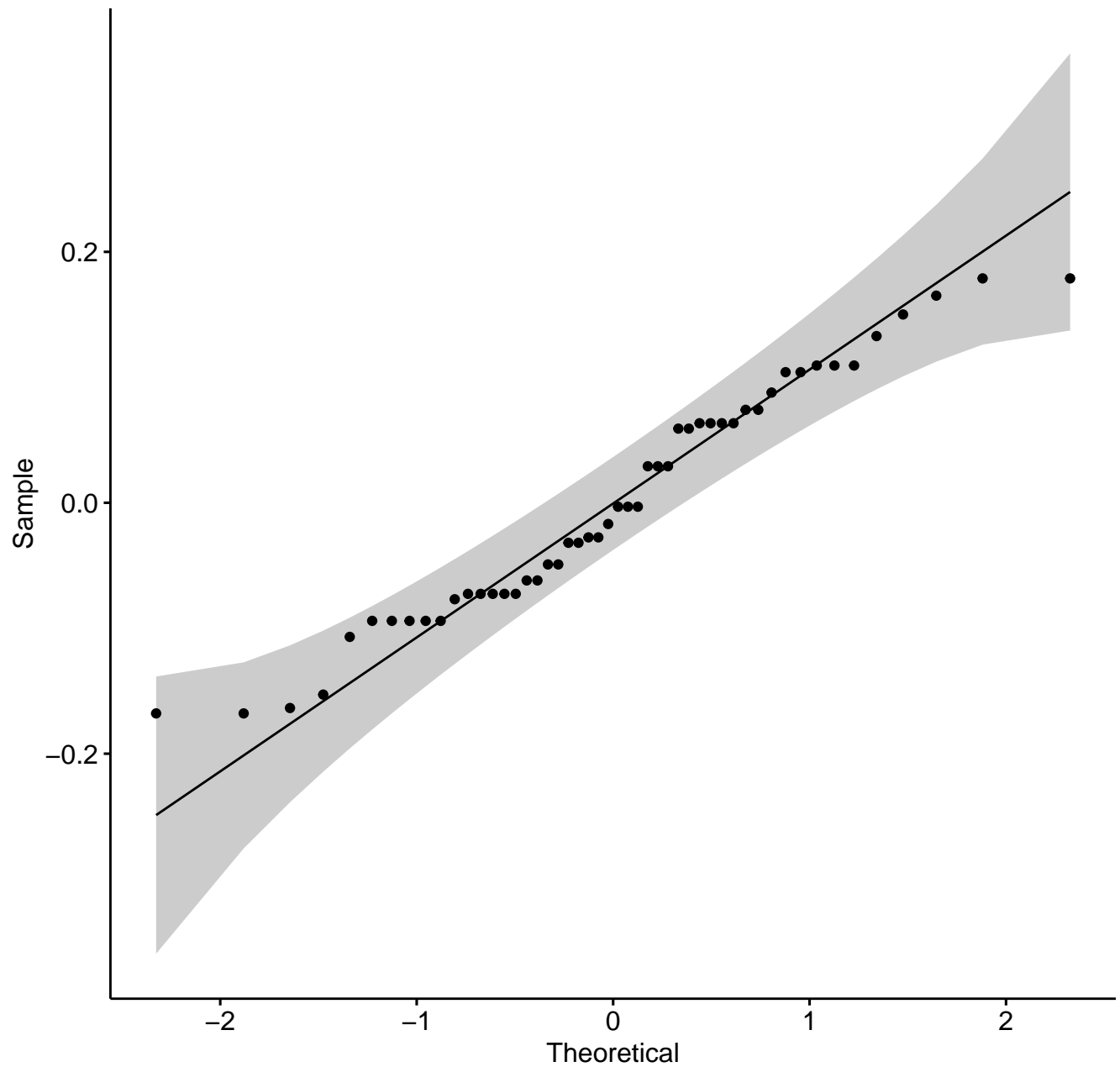
Boxplots by Demographic Sub-group



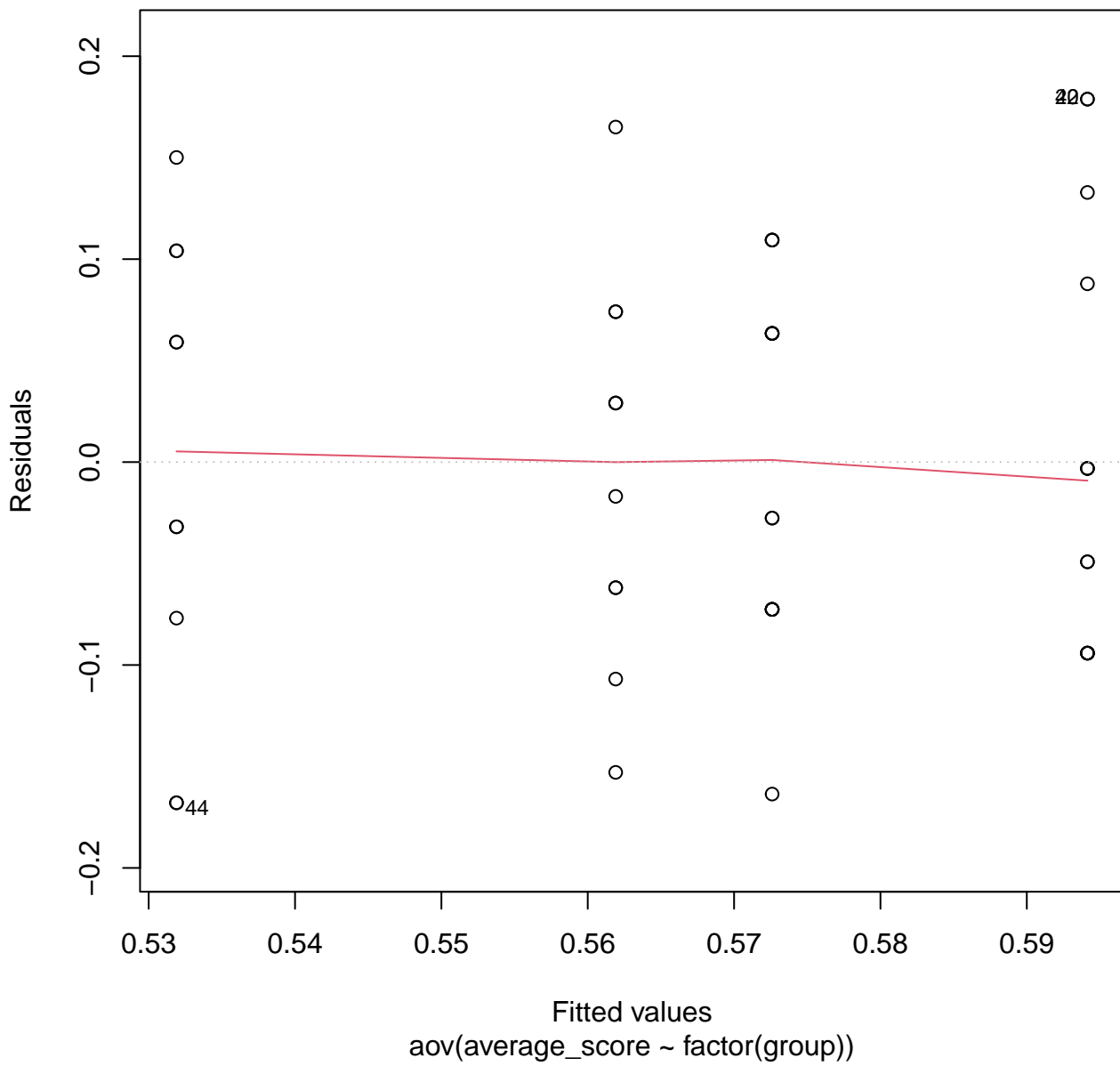
Histogram of Residuals



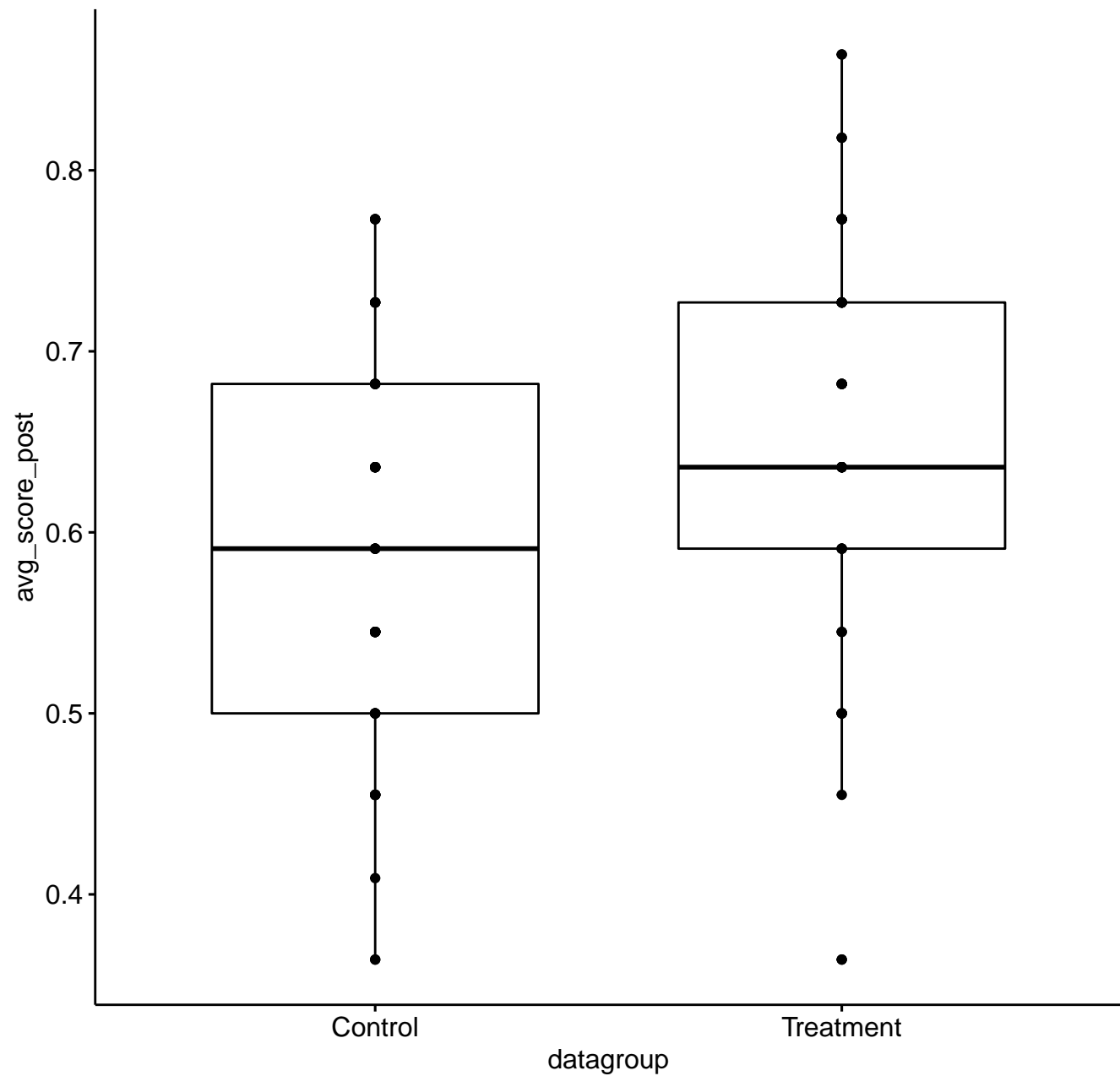
Normal Q–Q Plot of Residuals



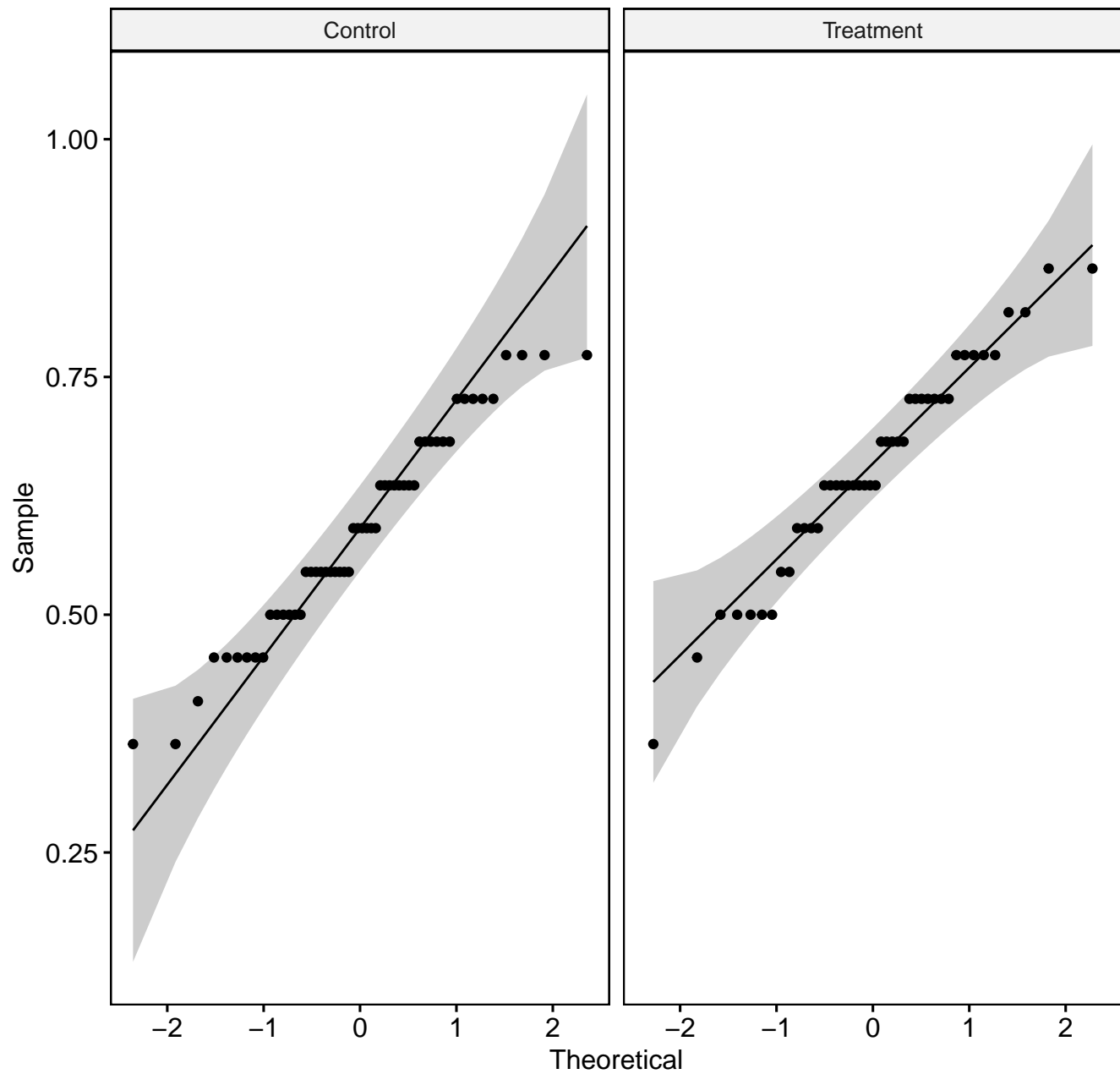
Residuals vs Fitted



Independent Samples – Boxplots

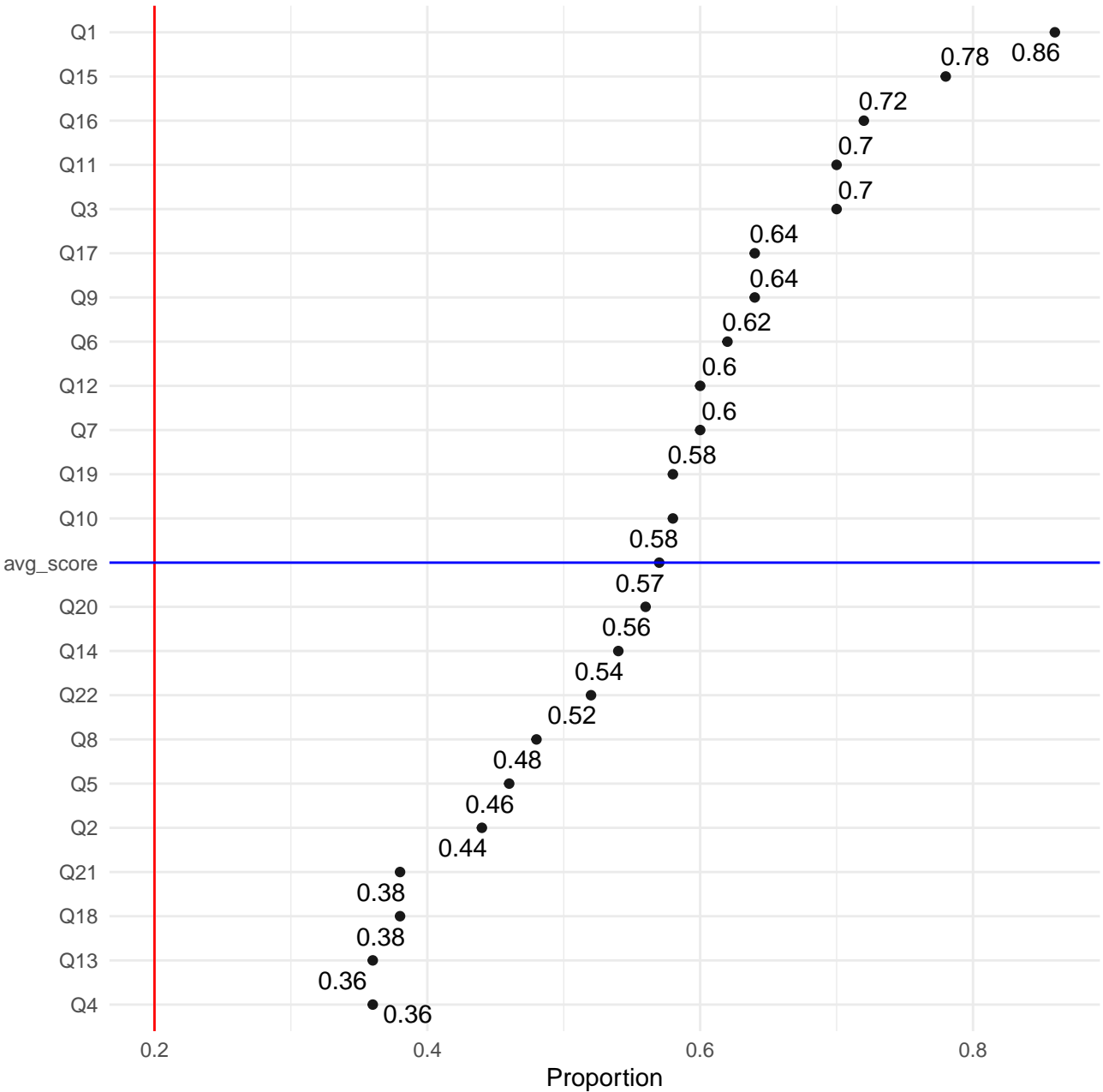


Normal Q-Q Plot



Difficulty Plot

Question Item Number



Discrimination Plot

Question Item Number

avg_score

Q18

Q20

Q13

Q16

Q9

Q19

Q21

Q11

Q12

Q22

Q8

Q15

Q14

Q3

Q10

Q6

Q4

Q7

Q17

Q1

Q5

Q2

1

0.57

0.55

0.53

0.48

0.33

0.31

0.3

0.3

0.29

0.28

0.19

0.17

0.16

0.15

0.14

0.09

0.08

0.08

-0.06

-0.12

-0.16

-0.25

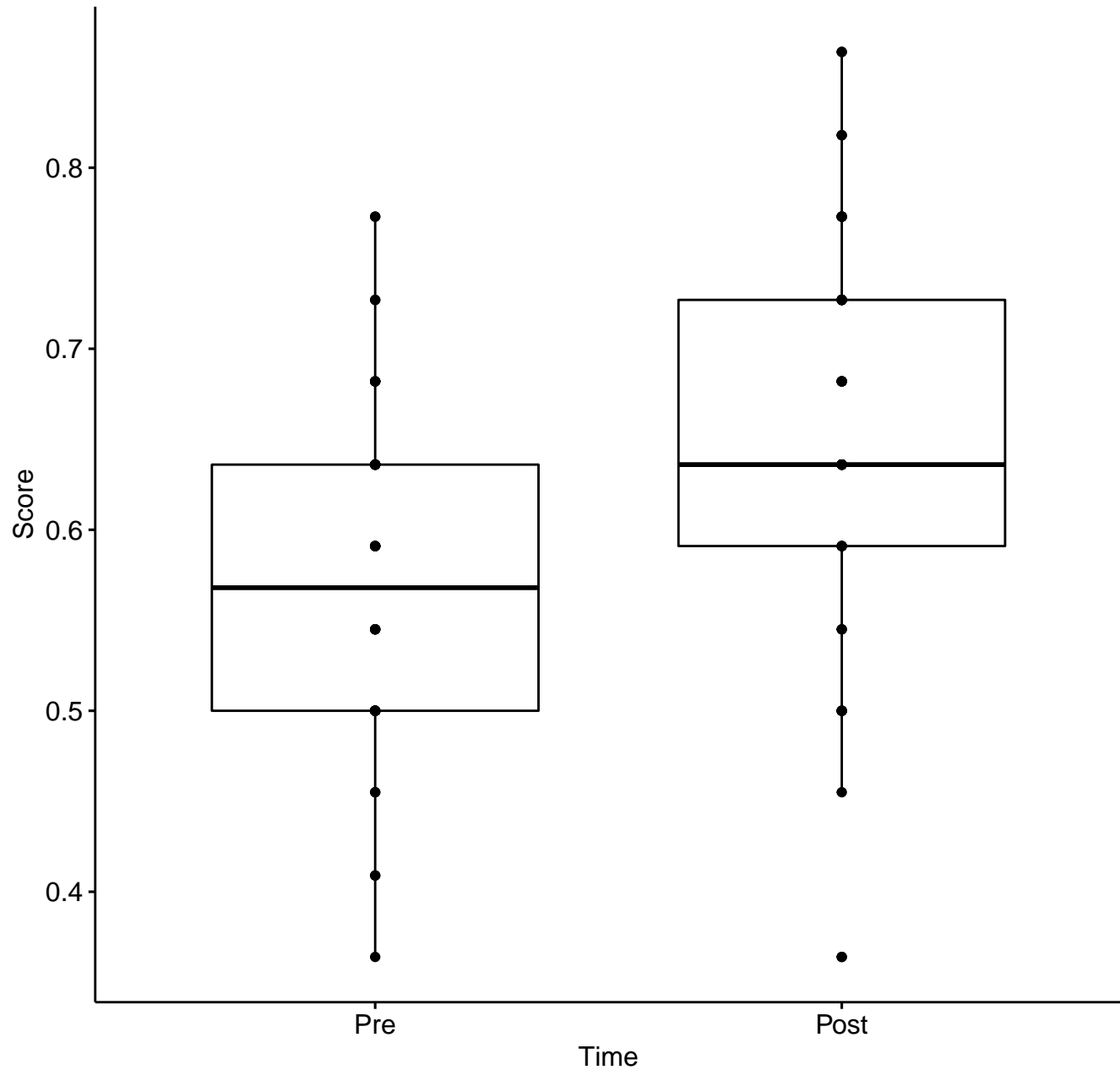
Relationship Coefficient

0.4

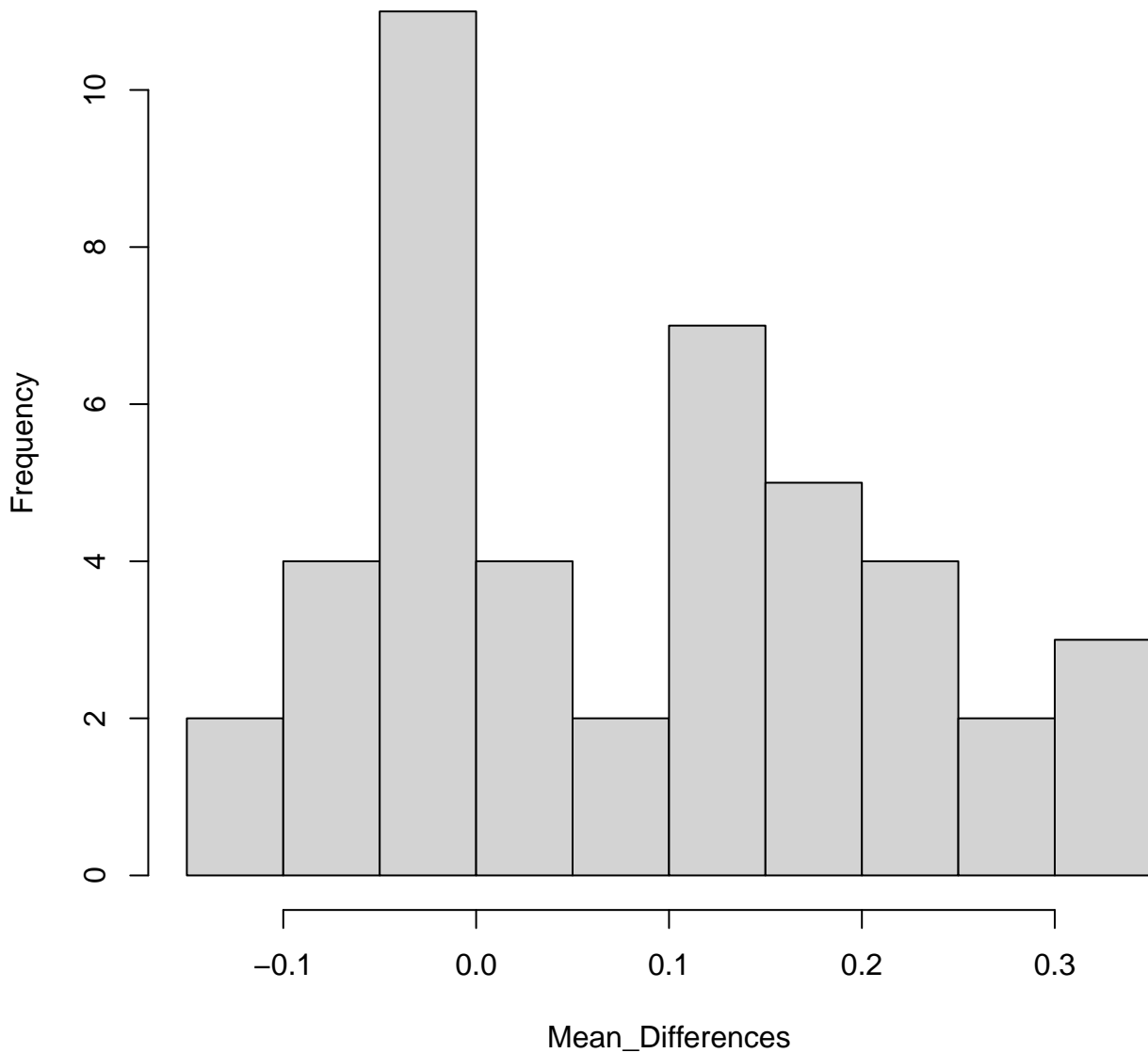
0.8

0.0

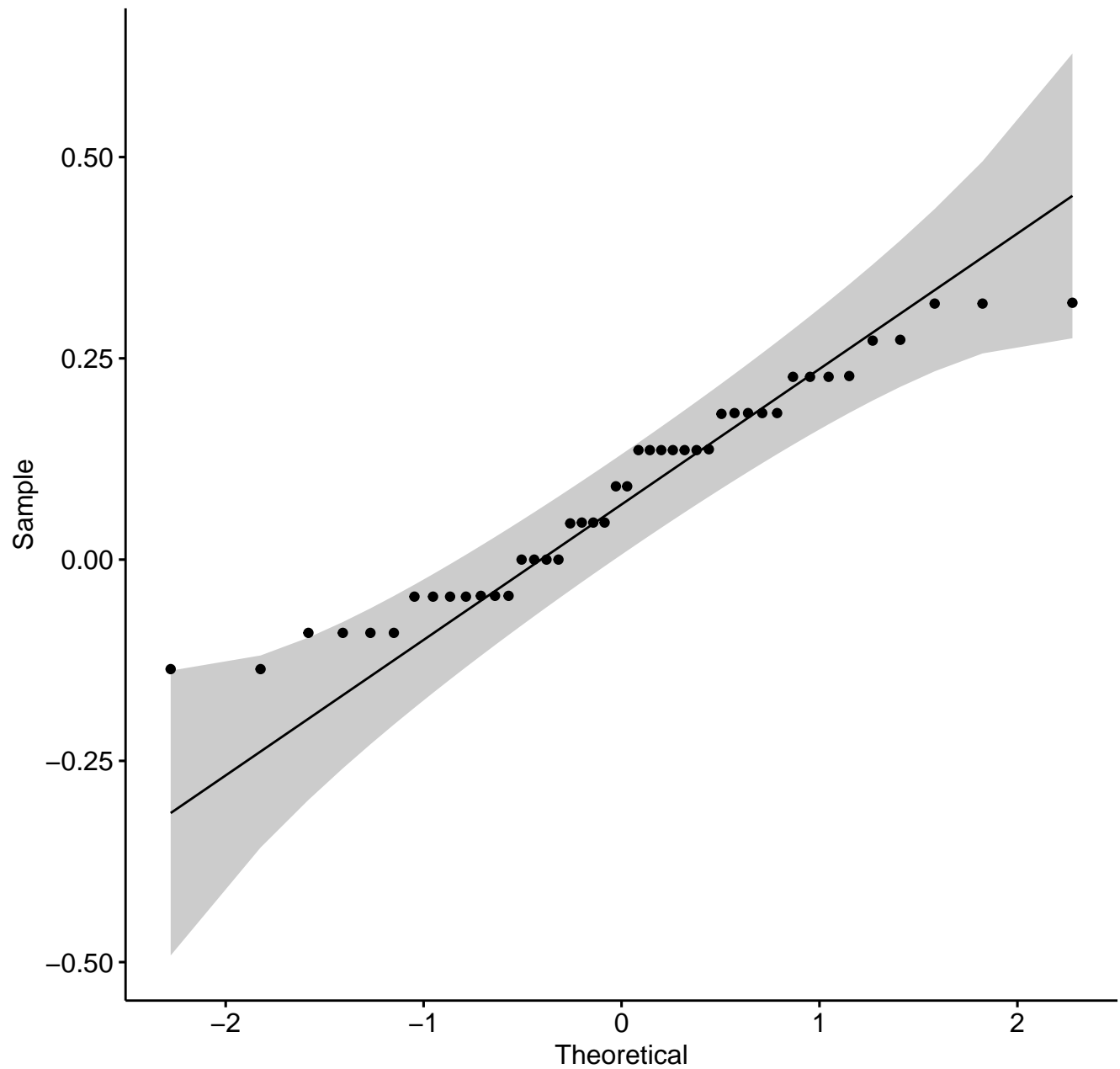
Paired Samples – Boxplots



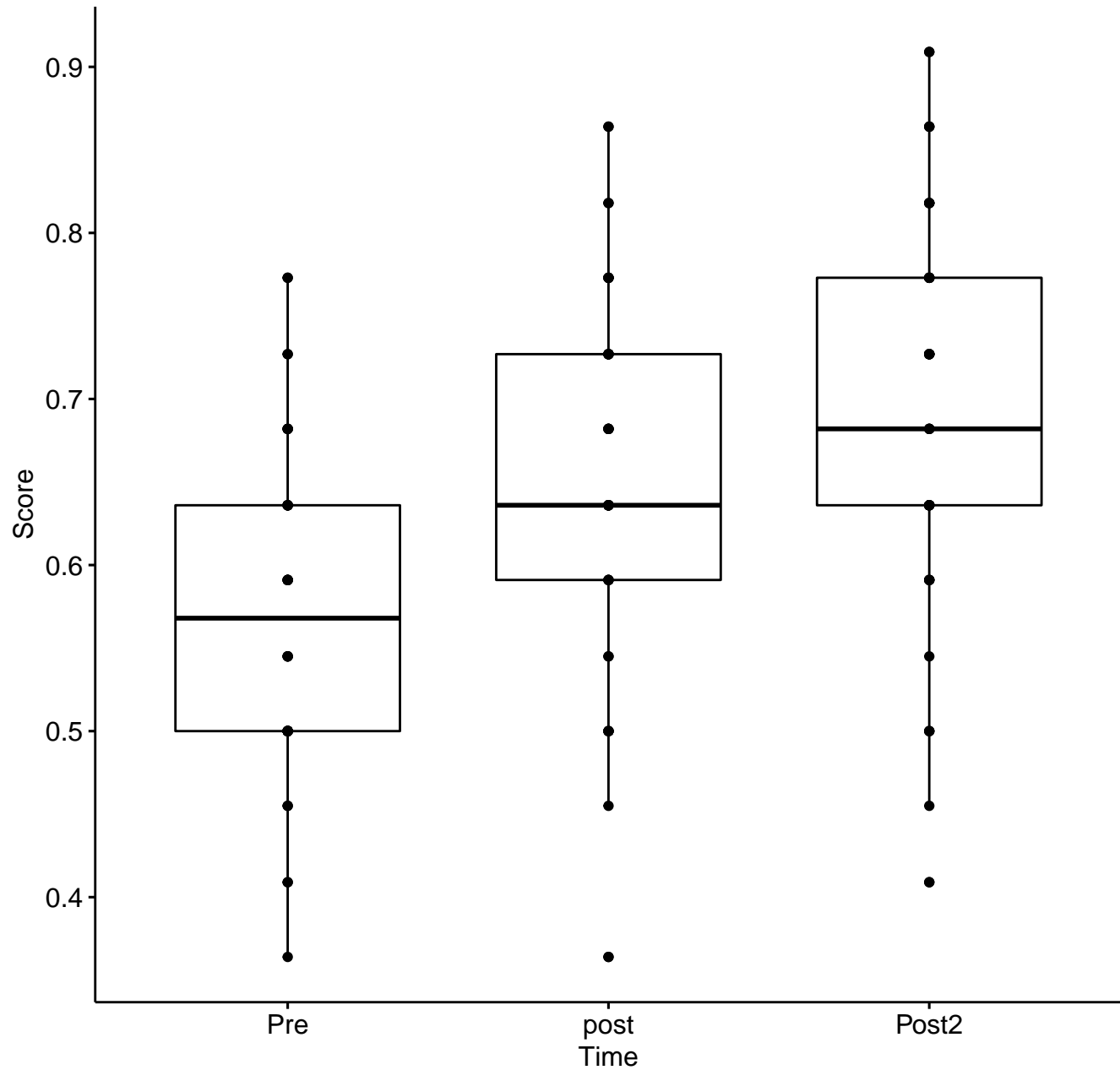
Histogram of Mean_Differences



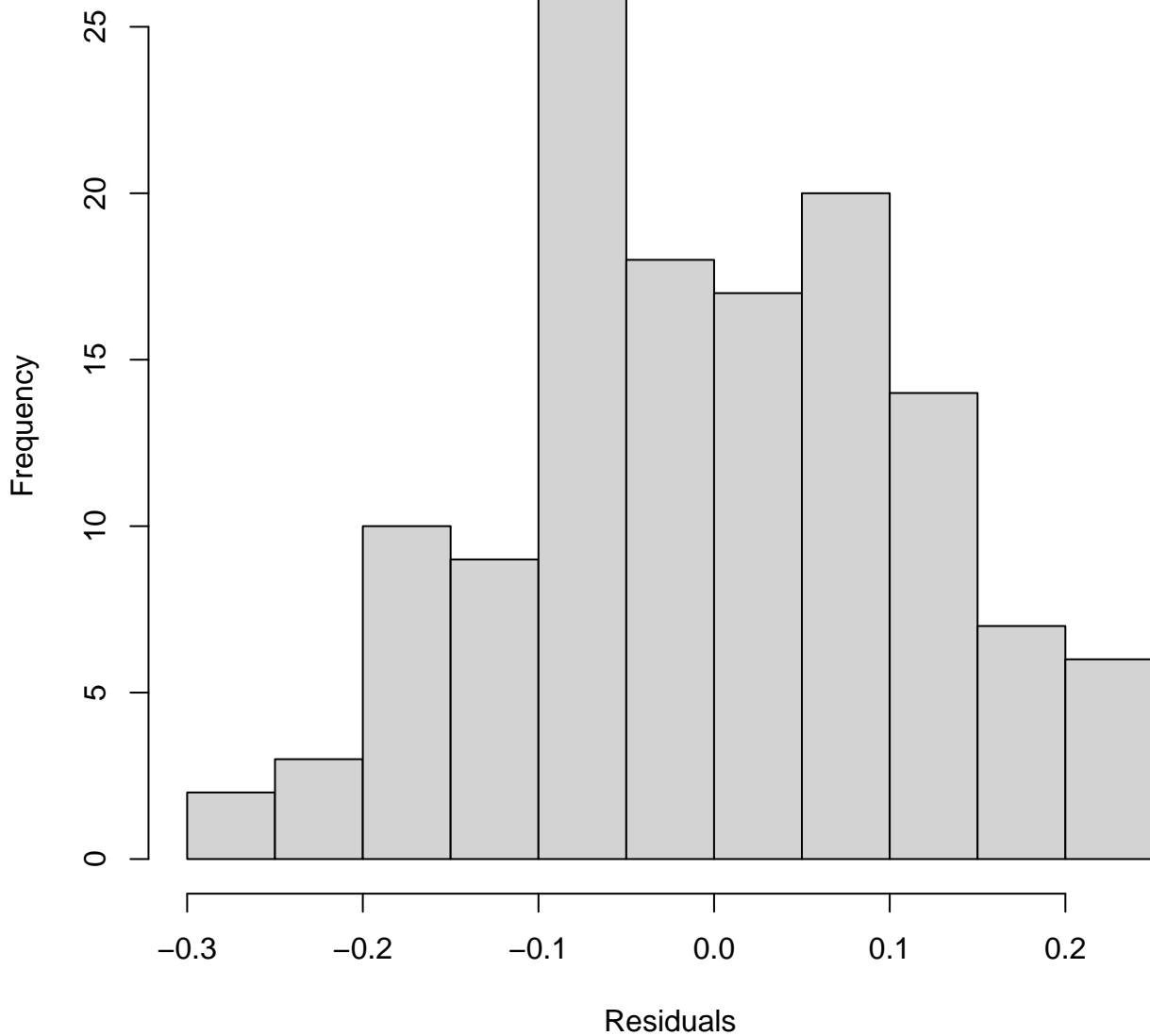
Normal Q-Q Plot



Boxplots



Histogram of Residuals



Normal Q-Q Plots of Residuals

