

QUEEN'S UNIVERSITY BELFAST

ELE8096 WIRELESS SENSOR SYSTEMS

Coursework 2

Linear Regression

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January 23, 2022

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Abstract

1 Introduction

[1].

2 basic statistics

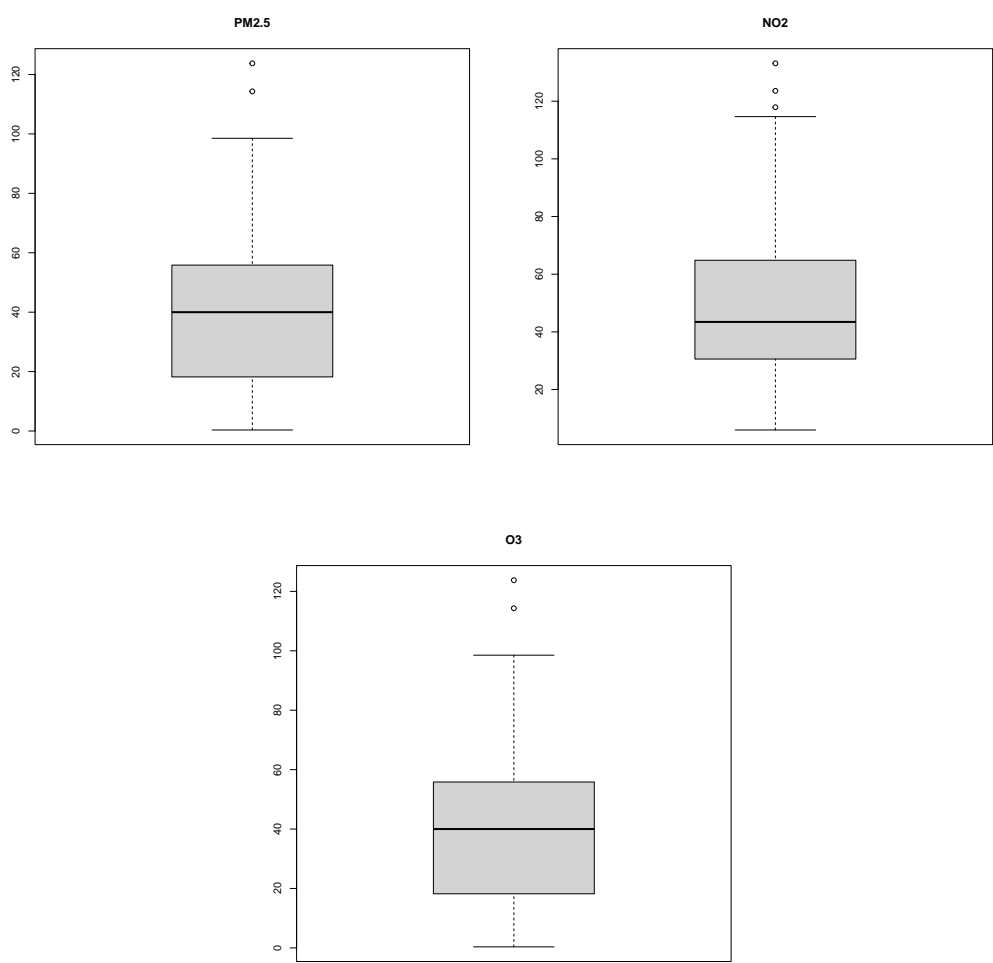
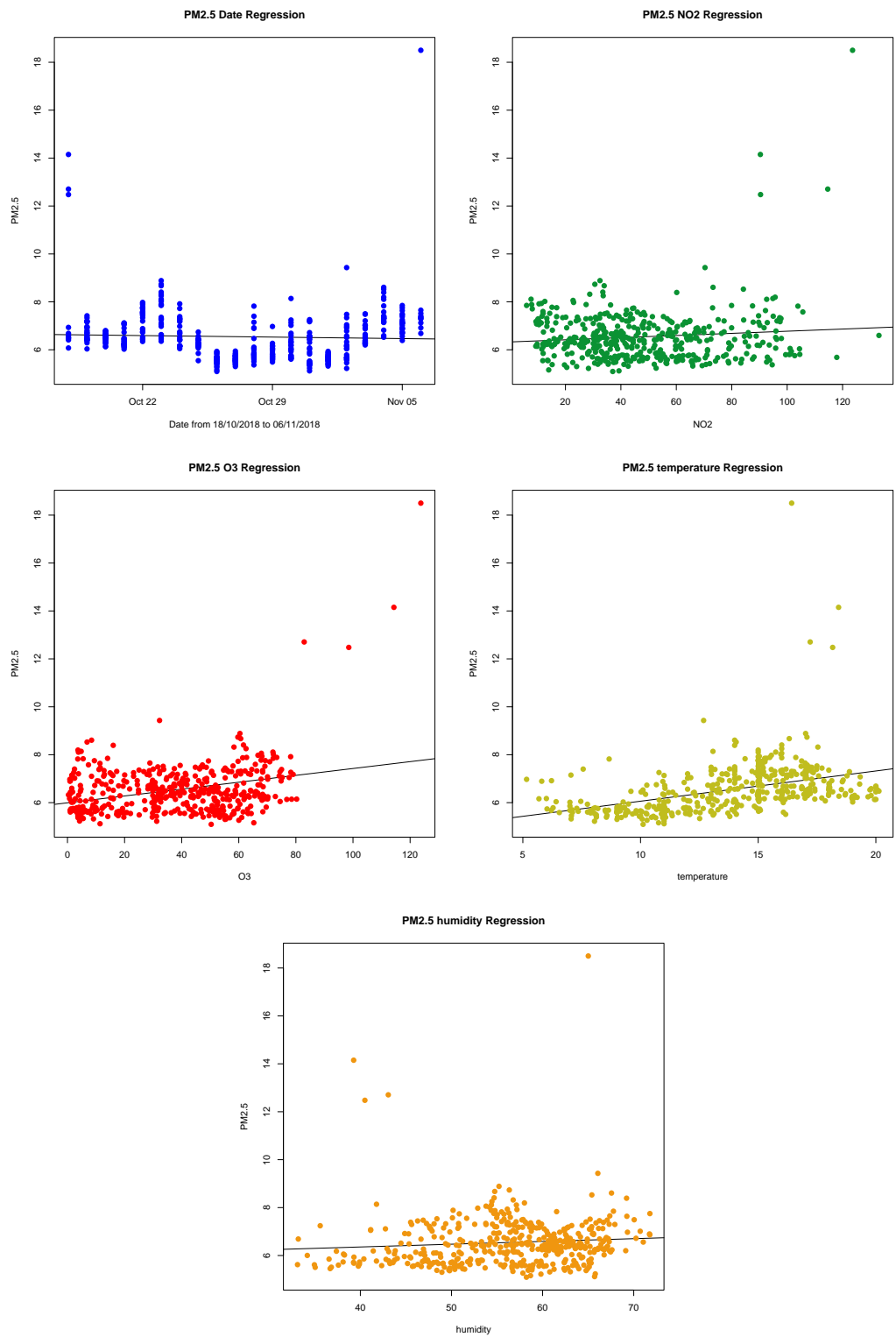


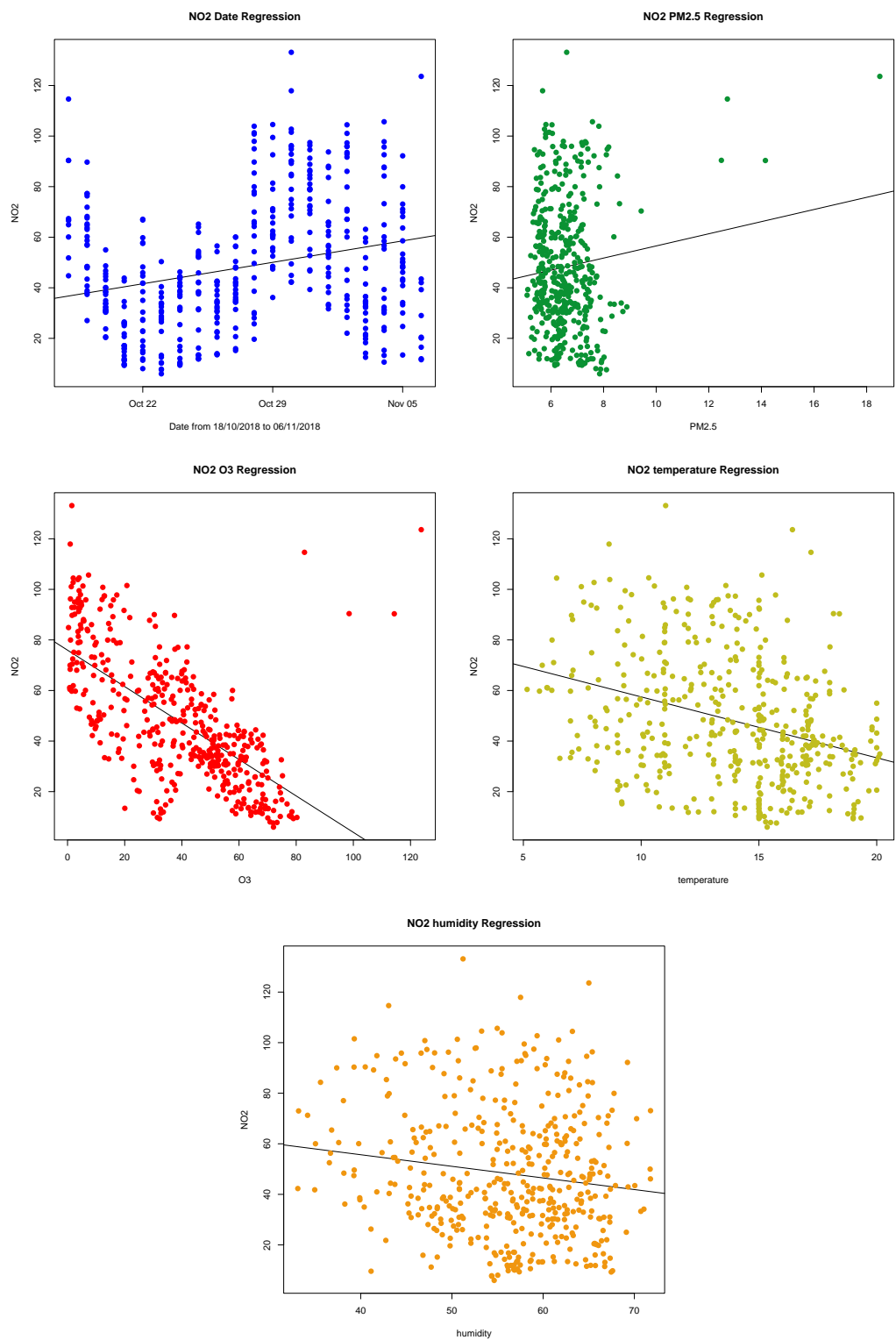
Figure 1: PM2.5 box

3 more advanced statistics

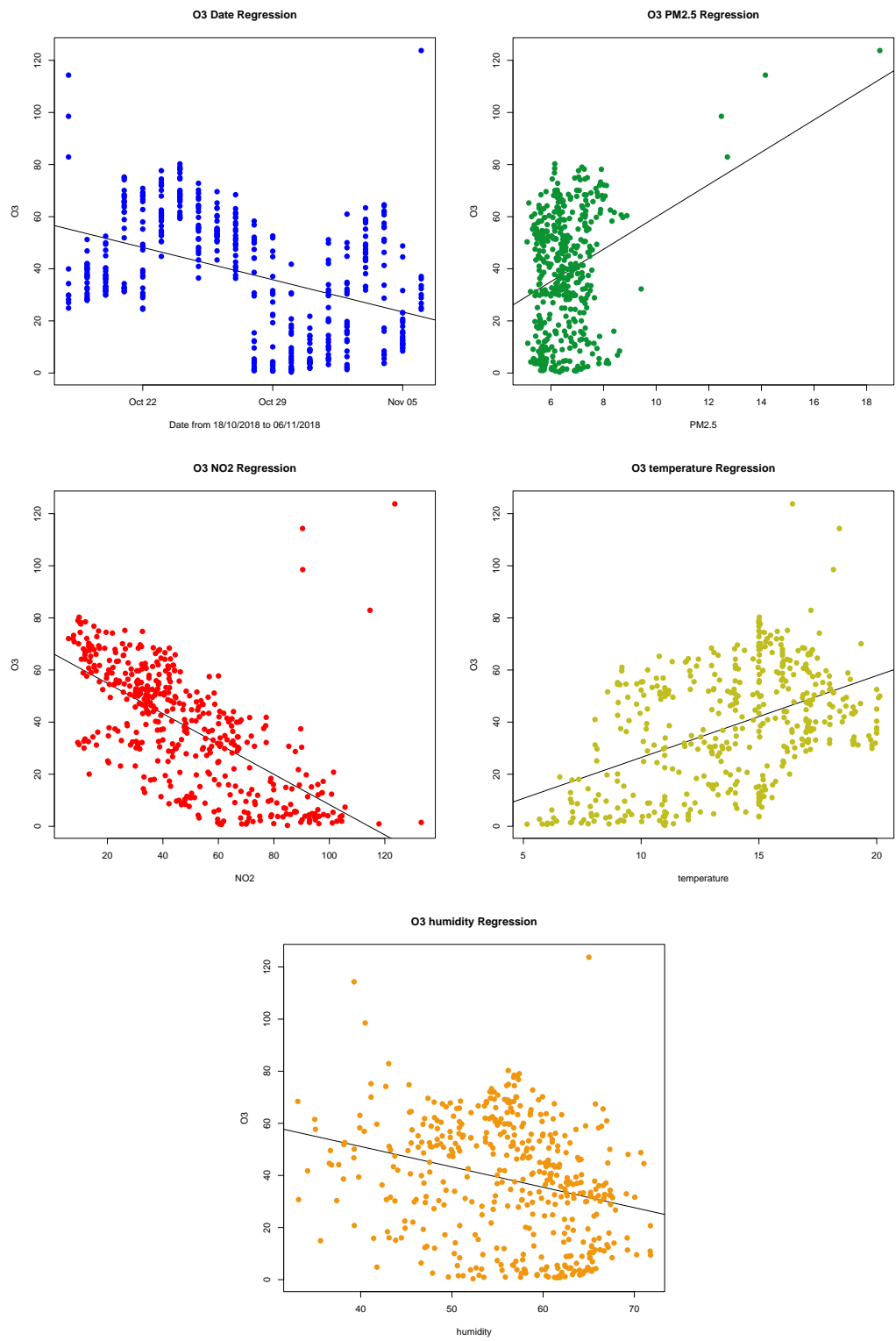
3.1 PM2.5



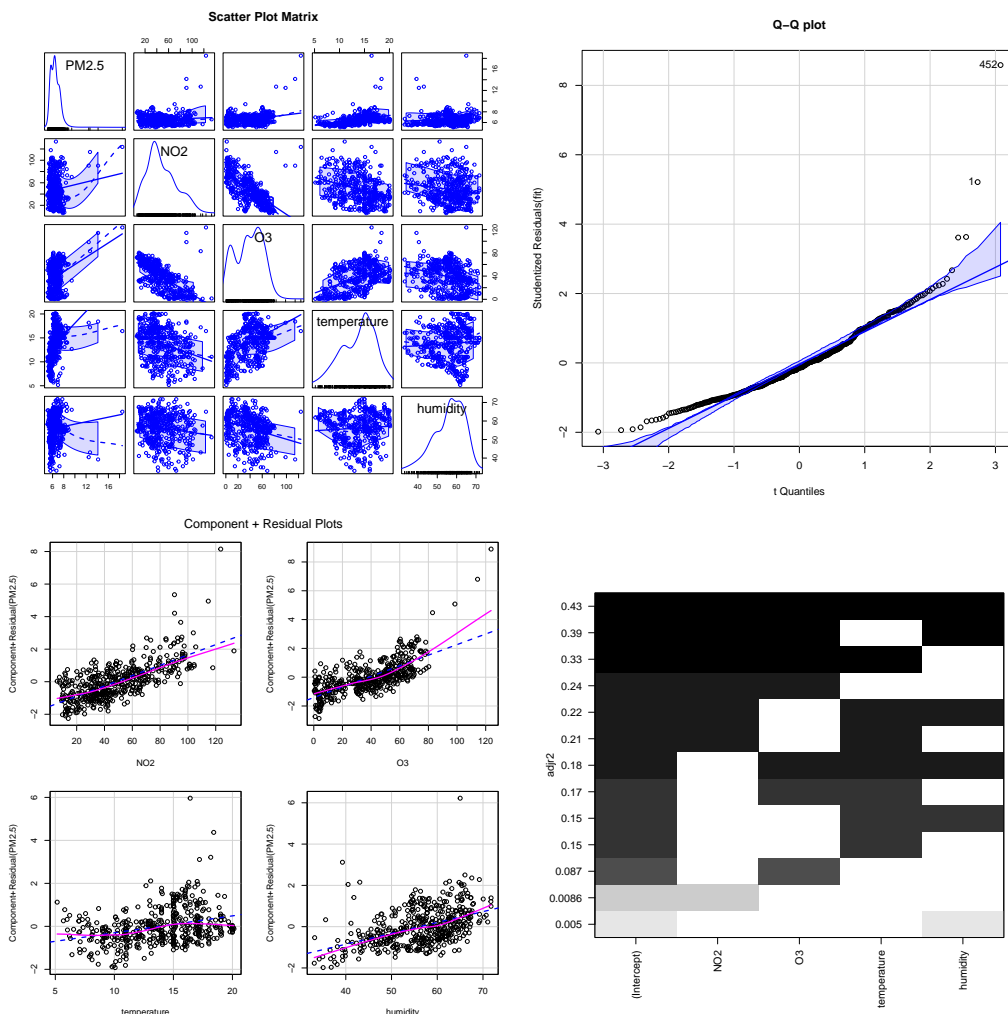
3.2 NO2



3.3 O3



4 multi variable regression forecasting models, visualisation of results



5 model performance and discussion of results

6 Conclusions

References

- [1] U. E. P. Agency, “Basic information about no₂,” <https://www.epa.gov/no2-pollution/basic-information-about-no2#Effects>, 2021.