QUEEN'S UNIVERSITY BELFAST

ELE8096 WIRELESS SENSOR SYSTEMS

Coursework 2 Linear Regression

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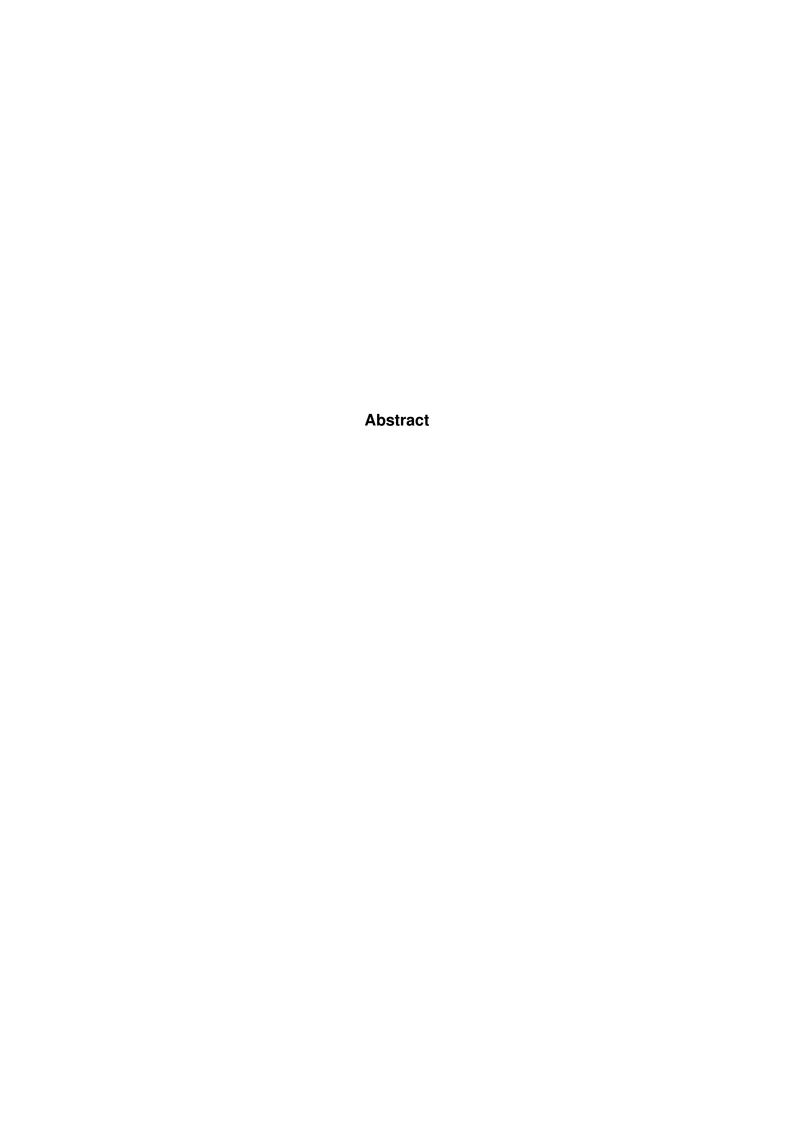
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1 Introduction

[<mark>1</mark>].

2 basic statistics

2.1 PM2.5

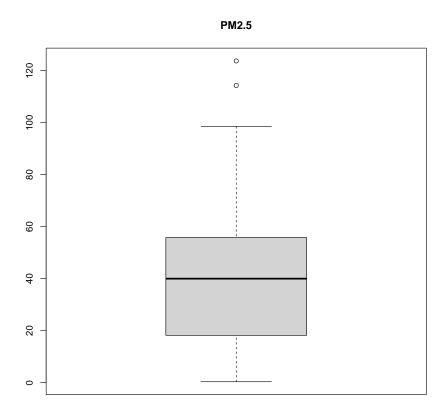


Figure 1: PM2.5 box

2.2 NO2

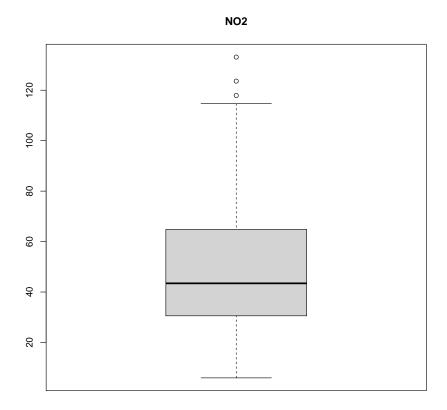


Figure 2: NO2 box

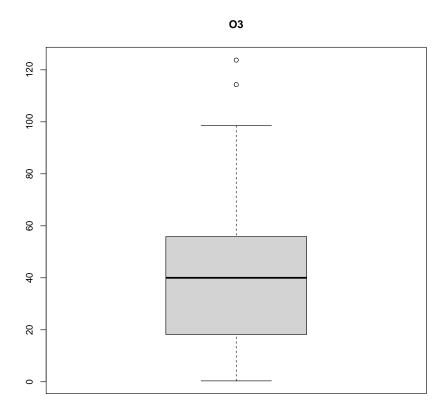
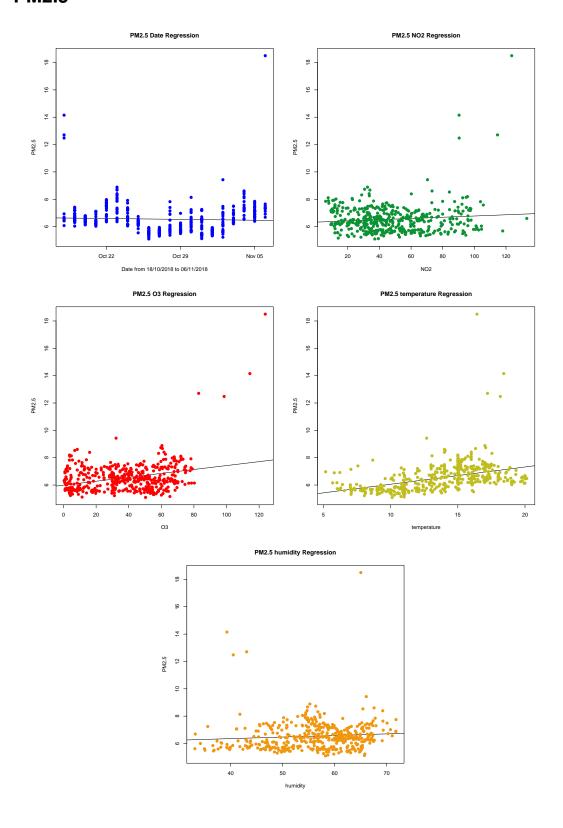


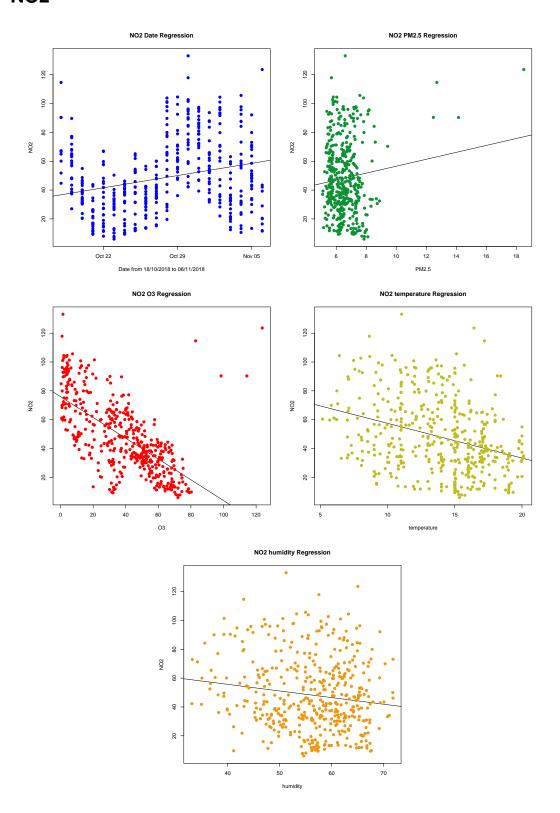
Figure 3: O3 box

3 more advanced statistics

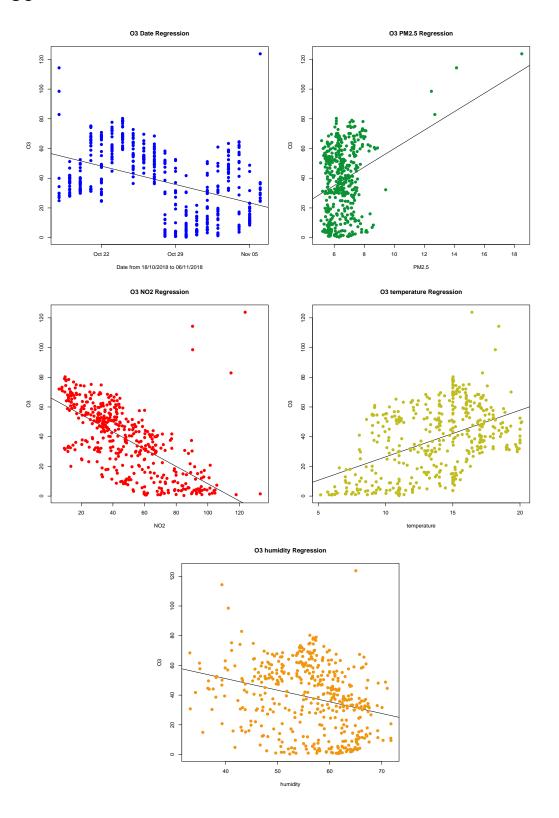
3.1 PM2.5



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.