Stat536 Midterm - Ozone Data

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4 March 2014

1 Introduction: Problem Statement & Goals

2 Method & Model

2.1 Brief Description of method / models used

2.2 Assumptions

3 Model Justification

3.1 Why choose a Gaussian Process?

3.2 How does the GP solve the problem?

3.3 Are Assumptions Justified?

4 Results

4.1 Estimates of Parameters and CI

4.2 Coverage & MSE

4.3 Interpretation

4.4 Summary of Main Points

5 Conclusion

5.1 Potential Alternative Approaches

5.2 Shortcomings of GP or the way covars were chosen

5.3 Further Investigation