Introduction

* General topic
* Questions

Data

* General descriptions
  + Jemma’s data skimming
  + Date ranges, site locations, which sites measure what
  + Duncan’s map
* Processing
  + Combining into a single dataframe, correcting date formats, mean values per day.

**Results**

**Daily Trends by Measurement Location**

The daily trends for given contaminants across sites are

**Carbon Monoxide (CO)**

| Figure x1.1.  Daily Carbon Monoxide (CO) Air Concentration Trends in Canterbury |
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| Figure x1.2.  Daily Carbon Monoxide (CO) Air Concentration Trends in Canterbury |
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| Figure x1.2.  Daily Nitrogen Dioxide (NO2) Air Concentration trends in Canterbury |
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| Figure x1.3.  Daily ≤ 2.5 μm Particulate (PM2.5) Air Concentration Trends in Canterbury |
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| Figure x1.4.  Daily ≤ 10 μm Particulate (PM10) Air ConcentrationTrends in Canterbury |
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| Figure x1.5.  Daily Sulphur Dioxide (SO2) Air Concentration Trends in Canterbury |
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**Daily Trends by Weekday**

| Figure x2.1.  Daily Carbon Monoxide (CO) Air Concentration Trends in Canterbury |
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| Figure x2.2.  Daily Nitrogen Dioxide (NO2) Air Concentration Trends in Canterbury |
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| Figure x2.3.  Daily ≤ 2.5 μm Particulate (PM2.5) Air Concentration Trends in Canterbury |
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| Figure x2.4.  Daily ≤ 10 μm Particulate (PM10) Air Concentration Trends in Canterbury |
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| Figure x2.5.  Daily (SO2) Air Concentration Trends in Canterbury |
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**Emissions Trends over time by Contaminants**

| Figure x3.1.  Carbon Monoxide (CO) Air Concentration Trends in Canterbury across Time |
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| Figure x3.2.  Nitrogen Dioxide (NO2) Air Concentration Trends in Canterbury across Time |
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| Figure x3.3.  ≤ 2.5 μm Particulate (PM2.5) Air Concentration Trends in Canterbury across Time |
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| Figure x3.4.  ≤ 10 μm Particulate (PM10) Air Concentration Trends in Canterbury across Time |
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| Figure x3.5.  Sulphur Dioxide (SO2) Air Concentration Trends in Canterbury across Time |
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