## *Toronto_60433_2018_Day10to16.csv*

The results below are what the student results should look like for the Toronto_60433_2018_Day10to16.csv dataset used in CHM 135 Experiment 1.

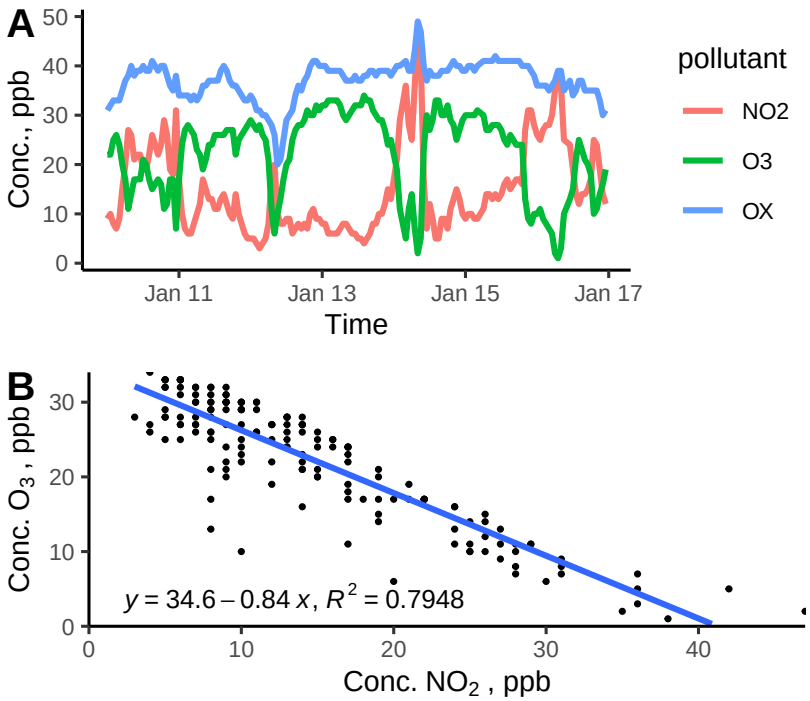


Figure 1: (A) Time series of pollutant concentration. There shouldn't be a linear regression on this plot, if students have done so please note it. (B) Correlation plot of O3 vs. NO2; the equation of the line is displayed in the lower left corner.

| pollutant | mean | sd | median | min | max |
|---|---|---|---|---|---|
| NO2 | 14.7 | 8.8 | 12 | 3 | 47 |
| O3 | 22.3 | 8.3 | 25 | 1 | 34 |
| OX | 37.0 | 4.0 | 38 | 20 | 49 |
| NO2_8hr | 14.8 | 7.6 | 12 | 4 | 35 |
| O3_8hr | 22.4 | 7.3 | 24 | 5 | 33 |
| OX_8hr | 37.2 | 3.5 | 38 | 25 | 43 |

Table 1: Summary statistics for 1 hr and 8hr concentration of pollutants, all concentrations are in ppb.

*Notes on results:*

Students are **not** expected to calculate *mean*, *sd*, and *median* of 8 hr averages. If student *sd* values differ slightly from provided *sd* values, they may have used the *STDEV.P* funcation rather than *STDEV.S* in Excel calculations. Do not substract points, but make a note of it.