Toronto_60410_2018/Toronto_60410_2018_Day193to199.csv

The results below are what the student results should look like for the Toronto_60410_2018/Toronto_60410_2018_Day193to199.csv dataset used in CHM 135 Experiment 1.

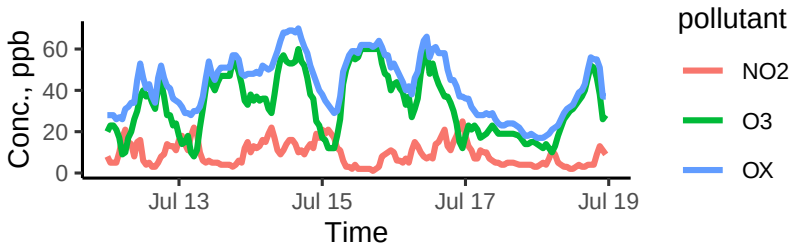

Figure 1: Time series of pollutant concentration. There shouldn't be a linear regression on this plot, if students have done so please note it.

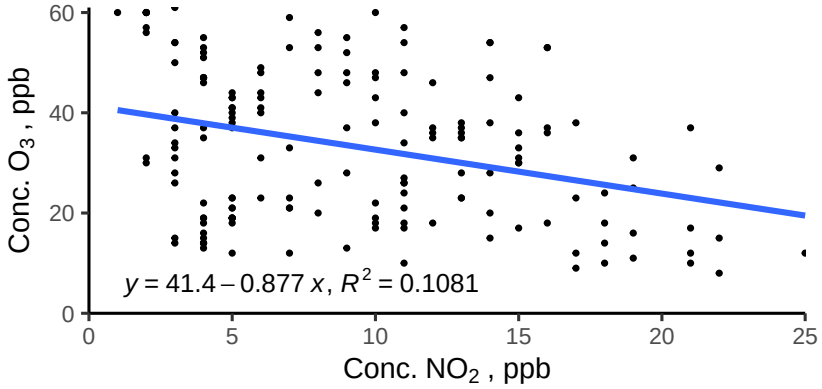

Figure 2: Correlation plot of O3 vs. NO2; the equation of the line is displayed in the lower left corner.

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

pollutant	mean	sd	median	min	max
NO2	9.2	5.6	8	1	25
O3	33.4	14.9	34	8	61
OX	42.5	14.1	44	17	70
NO2_8hr	9.2	4.6	9	2	18
O3_8hr	33.6	13.5	35	13	60
OX_8hr	42.8	13.2	43	18	68

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.