Toronto_60410_2018/Toronto_60410_2018_Day181to187.csv

The results below are what the student results should look like for the Toronto_60410_2018/Toronto_60410_2018_Day181to187.csv dataset used in CHM 135 Experiment 1.

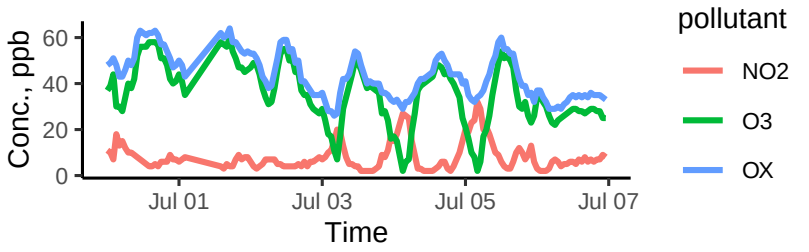

Figure 1: Time series of pollutant concentration. There shouldn't be a linear regression on this plot, if students have done so please note it.

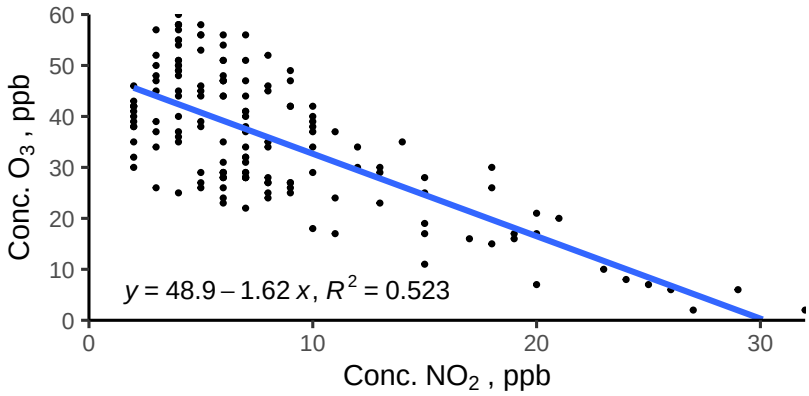

Figure 2: Correlation plot of O3 vs. NO2; the equation of the line is displayed in the lower left corner.

pollutant	mean	sd	median	min	max
NO2	8.1	5.9	6	2	32
O3	35.7	13.3	37	2	60
OX	43.8	9.9	43	26	64
NO2_8hr	8.1	4.9	6	2	24
O3_8hr	35.8	11.7	37	11	57
OX_8hr	43.9	9.0	45	30	62

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.