Toronto_60435_2019_Day190to196.csv

The results below are what the student results should look like for the Toronto_60435_2019_Day190to196.csv dataset used in CHM 135 Experiment 1.

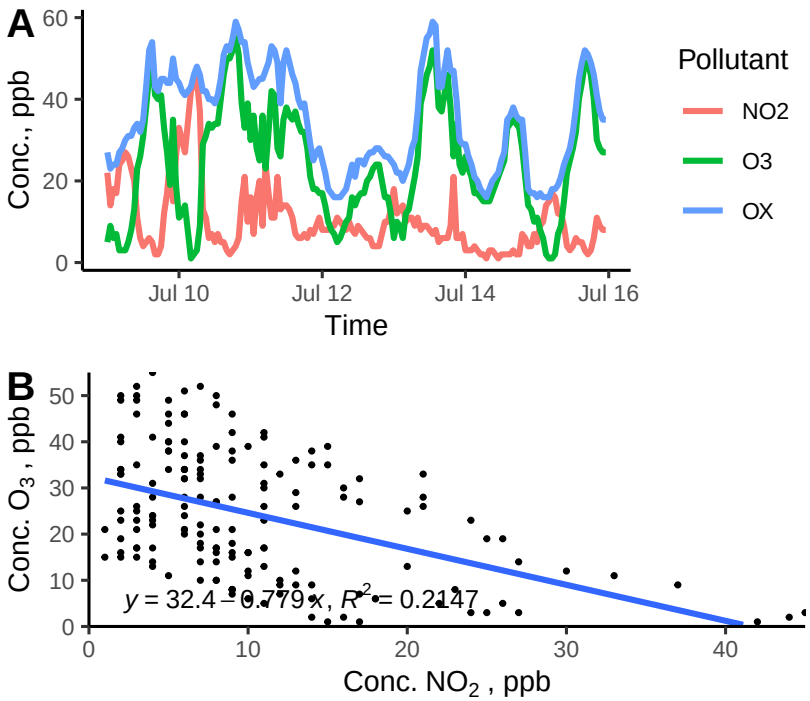

Figure 1: (A) Time series of pollutant concentration. There shouldn't be a linear regression on this plot, if students have done so please note it. (B) Correlation plot of O_3 vs. NO_2; the equation of the line is displayed in the lower left corner.

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

Pollutant	mean	sd	median	min	max
NO2	10.3	8.2	8	1	45
O3	24.4	13.8	24	1	55
OX	34.7	12.4	35	16	59
NO2_8hr	10.2	6.9	9	2	37
O3_8hr	24.6	12.1	24	4	49
OX_8hr	34.8	11.6	34	16	55

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* function rather than *STDEV.S* in Excel calculations. Do not substract points, but make a note of it.