Toronto_60435_2019_Day1to7.csv

The results below are what the student results should look like for the Toronto_60435_2019_Day1to7.csv dataset used in CHM 135 Experiment 1.

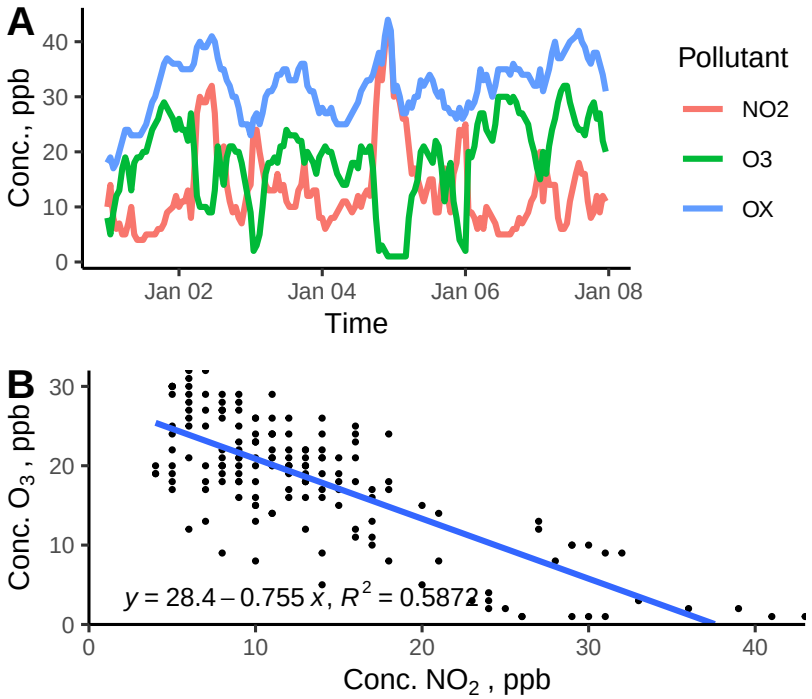

Figure 1: (A) Time series of pollutant concentration. There shouldn't be a linear regression on this plot, if students have done so please note it. (B) Correlation plot of O_3 vs. NO_2; the equation of the line is displayed in the lower left corner.

Pollutant	mean	sd	median	min	max
NO2	13.4	7.9	11	4	43
O3	18.3	7.8	20	1	32
OX	31.7	5.3	32	17	44
NO2_8hr	13.5	6.9	12	5	36
O3_8hr	18.4	6.7	19	1	30
OX_8hr	31.9	4.6	32	20	40

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