Toronto_60435_2019_Day186to192.csv

The results below are what the student results should look like for the Toronto_60435_2019_Day186to192.csv dataset used in CHM 135 Experiment 1.

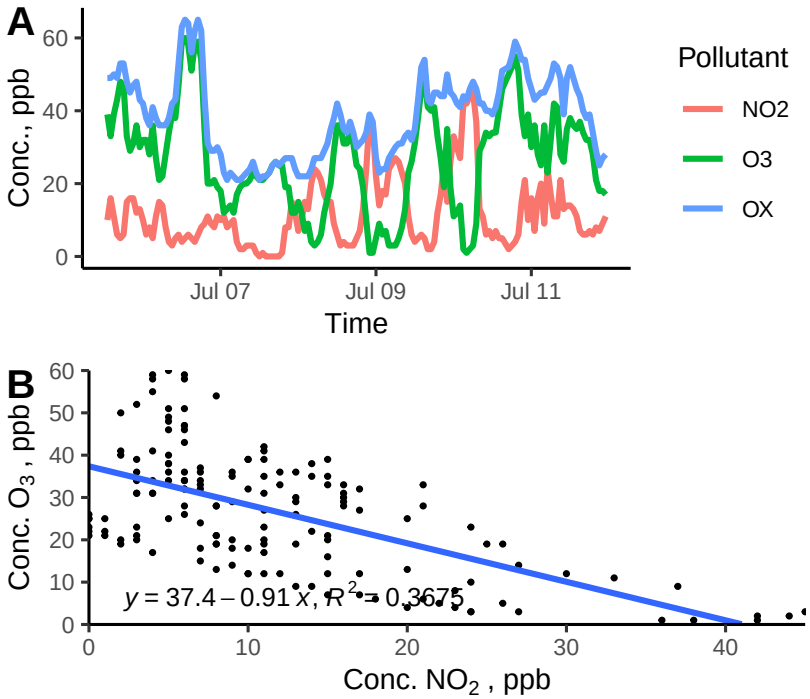

Figure 1: (A) Time series of pollutant concentration. There shouldn't be a linear regression on this plot, if students have done so please note it. (B) Correlation plot of O_3 vs. NO_2; the equation of the line is displayed in the lower left corner.

Pollutant	mean	sd	median	min	max
NO2	11.7	9.5	9	0	45
O3	26.7	14.2	27	1	60
OX	38.4	11.3	39	21	65
NO2_8hr	11.8	7.8	10	0	38
O3_8hr	26.6	12.4	28	5	57
OX_8hr	38.4	10.3	41	22	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* function rather than *STDEV.S* in Excel calculations. Do not substract points, but make a note of it.