Toronto_60433_2018_Day1to7.csv

The results below are what the student results should look like for the Toronto_60433_2018_Day1to7.csv dataset used in CHM 135 Experiment 1.

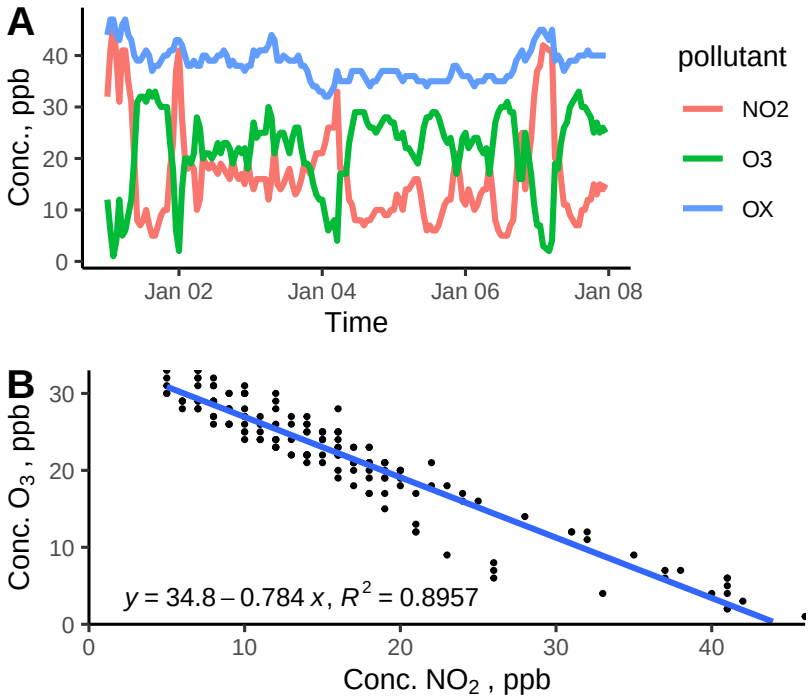

Figure 1: (A) Time series of pollutant concentration. There shouldn't be a linear regression on this plot, if students have done so please note it. (B) Correlation plot of O3 vs. NO2; the equation of the line is displayed in the lower left corner.

pollutant	mean	sd	median	min	max
NO2	16.5	9.1	15	5	46
O3	21.8	7.5	23	1	33
OX	38.3	3.1	38	32	47
NO2_8hr	16.1	7.1	15	6	39
O3_8hr	22.1	6.0	23	6	32
OX_8hr	38.2	2.7	39	33	45

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.