Toronto_60410_2018_Day2to8.csv
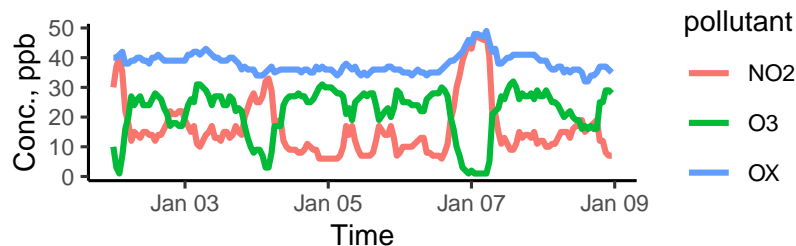

Figure 1: Time series of pollutant concentration.
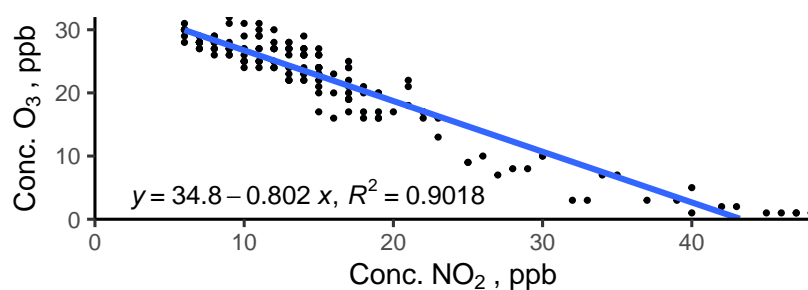

$y = 34.8 - 0.802\,x,\ R^2 = 0.9018$

Figure 2: Correlation plot of O3 vs. NO2; the equation of the line is dislayed 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	16.1	9.4	14	6	48
O3	21.8	8.0	25	1	32
OX	37.9	3.1	37	32	49
NO2_8hr	15.9	7.9	14	6	45
O3_8hr	22.0	6.5	24	2	30
OX_8hr	37.9	2.9	37	34	46

Notes on results:

- Students are **not** expected to calculate *mean*, *sd*, and *median* of 8 hr averages
- If student *sd* values differ slightly from awnsers, 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.