Toronto_60410_2018_Day4to10.csv
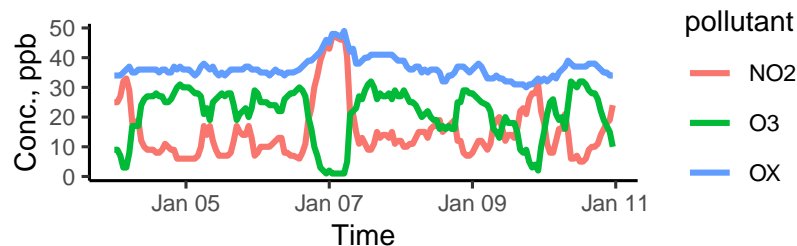

Figure 1: Time series of pollutant concentration.
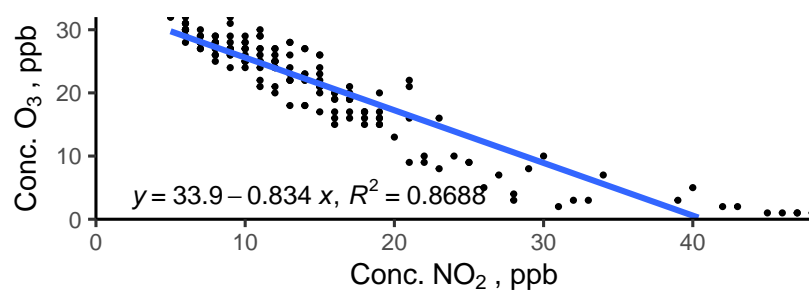

$y = 33.9 - 0.834\,x,\ R^2 = 0.8688$

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	15.2	9.3	13	5	48
O3	21.2	8.3	24	1	32
OX	36.5	3.4	36	30	49
NO2_8hr	14.9	7.9	12	6	45
O3_8hr	21.6	6.9	24	2	31
OX_8hr	36.5	3.1	36	31	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.