1 NWNW4   Problems   6.1. 6.2, 6.3, 6.4,   6.18*, 6.19, 6.21

*   in **parts a and d**, use any diagram that lets you inspect the distribution(s)... it doesn't have to be a stem-and leaf plot!
in **part e**, ignore two-factor interactions for now (we will discuss interactions later)
in **part g**, a rough "eye-test" is sufficient.

```
dataset for 6.18/6.19/6.21 can be found in
      www.epi.mcgill.ca/hanley/c697/
```

*Since variable names can be up to 8 characters long,
please be more communicative in your choices than "Y X1 X2
X3". Using all 8 allowed need not cause undue wear and
tear on your fingernails, especially if you use the "point
and click" and "cut and paste" facilities in INSIGHT and
the SAS Editor.*

2 NWNW4   Exercises 6.22, 6.25, 6.27

3 With the data in 6.18, fit the "2-predictors" regression model 6.5 for X_2 and X_3.

Show that one can arrive at the same fit by a sequence of "single-predictor" regressions

e.g., (a) Y on X_2 (b) X_3 on X_2 (c) Residual from (a)? (b)? on residual from (b)? (a)?.

*cf. example in page 2 of "Notes re multiple regression from
607" under Resources / Session 3 of course 678 material.*

Try to generalise this algorithm to a regression involving 3 predictors?