

Premedical course

MINITAB practical 1

1. The following data are measurements of haemoglobin (in g/100ml) on 36 male and 35 female medical students. Draw a stem-leaf plot for each of the sexes. Identify and suggest reasons for any outliers. Calculate the median values. Produce the 5-point summaries for the 2 samples, and draw box plots.

Males

15.7	16.0	16.0	16.7	17.3	17.9	17.5	16.4	17.1
15.1	16.5	18.1	16.3	16.6	15.9	18.2	15.7	16.4
16.7	16.0	16.5	17.1	14.9	14.5	15.8	16.5	16.9
16.3	16.4	15.8	16.6	16.7	17.4	15.8	16.3	16.2

Females

14.2	14.5	13.9	14.5	15.3	11.3	13.7	13.9	13.4
14.0	13.7	14.2	12.9	13.4	13.7	15.9	14.0	14.0
13.7	13.6	14.8	12.7	13.7	13.9	14.4	13.0	13.5
16.0	13.6	14.2	14.6	13.4	14.2	14.7	15.0	