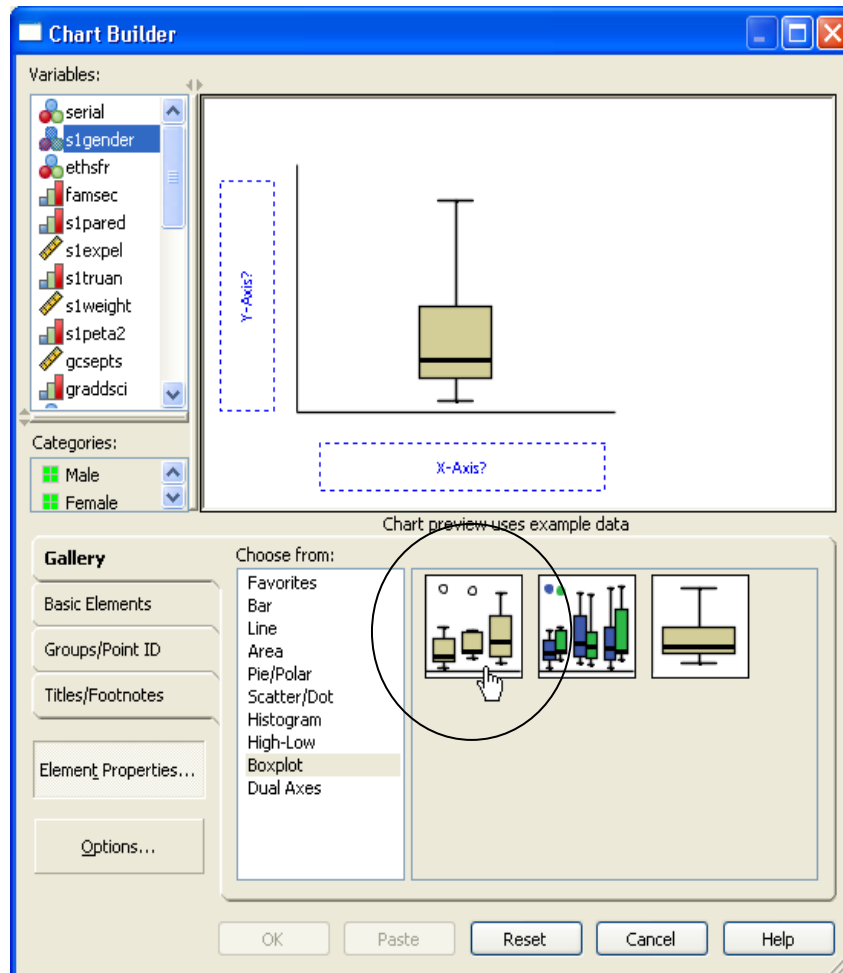
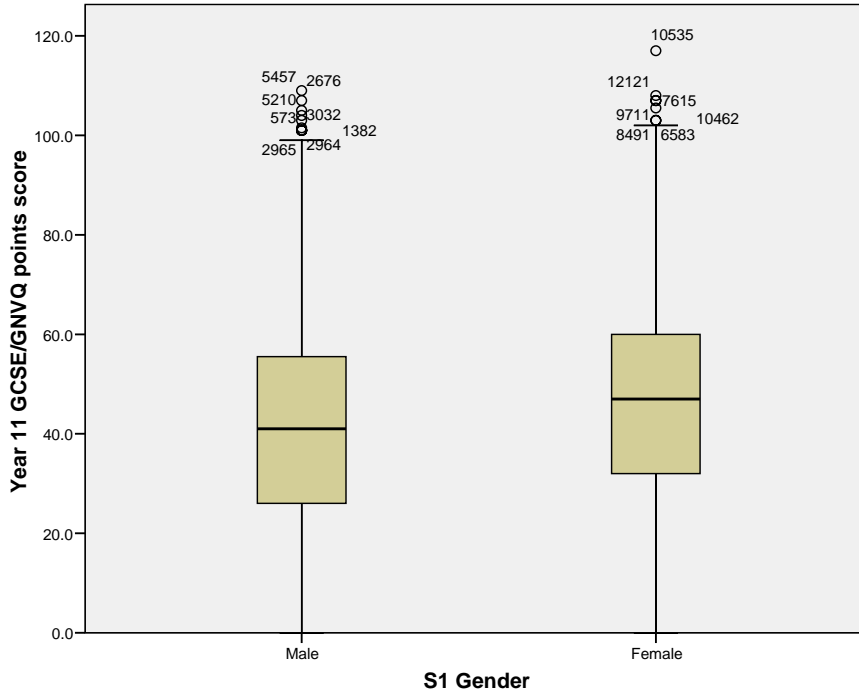
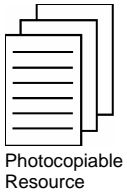


Answers to Exercise 4.4 (p. 139)

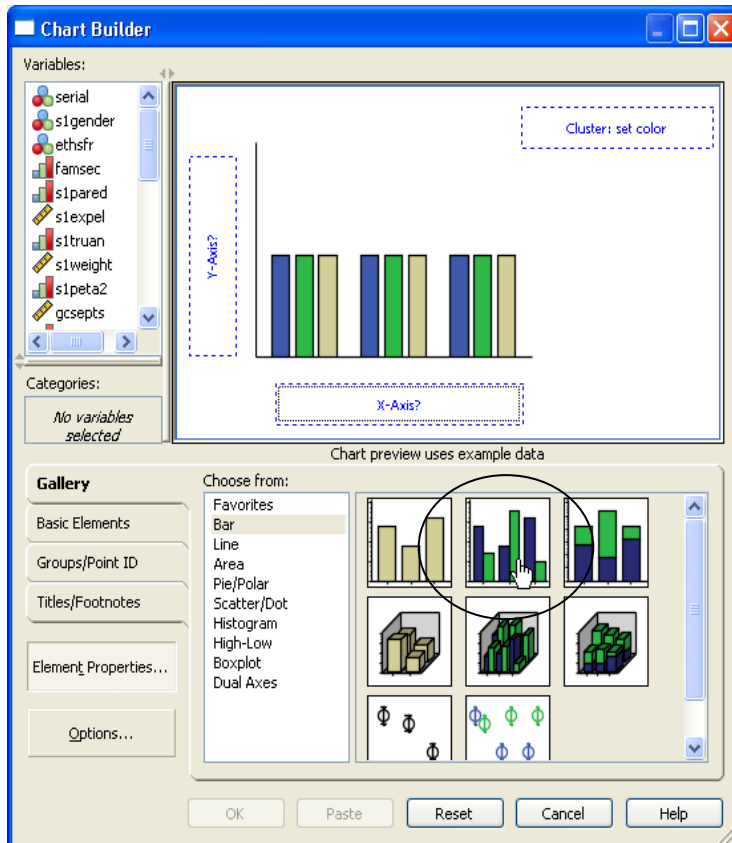
First of all, check to see that you have weighted your dataset with the variable 's1weight' (see Figure 2.5 on p. 52 for how to do this). To create the boxplot, select **Graphs** → **Chart Builder...** to call up the window below. Select 'Boxplot' from the 'Choose from:' list and then click on and drag and drop the first icon for 'Simple Boxplot' onto the main window as shown.

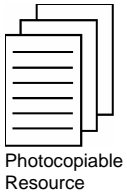


Next, click on 's1gender' from the 'Variables:' list and drag and drop it onto 'X-Axis?'. Do the same for 's1weight' but this time drag and drop it onto 'Y-Axis?'. Click 'OK' and you should then get the basic chart shown overleaf that you can now edit into the required style.



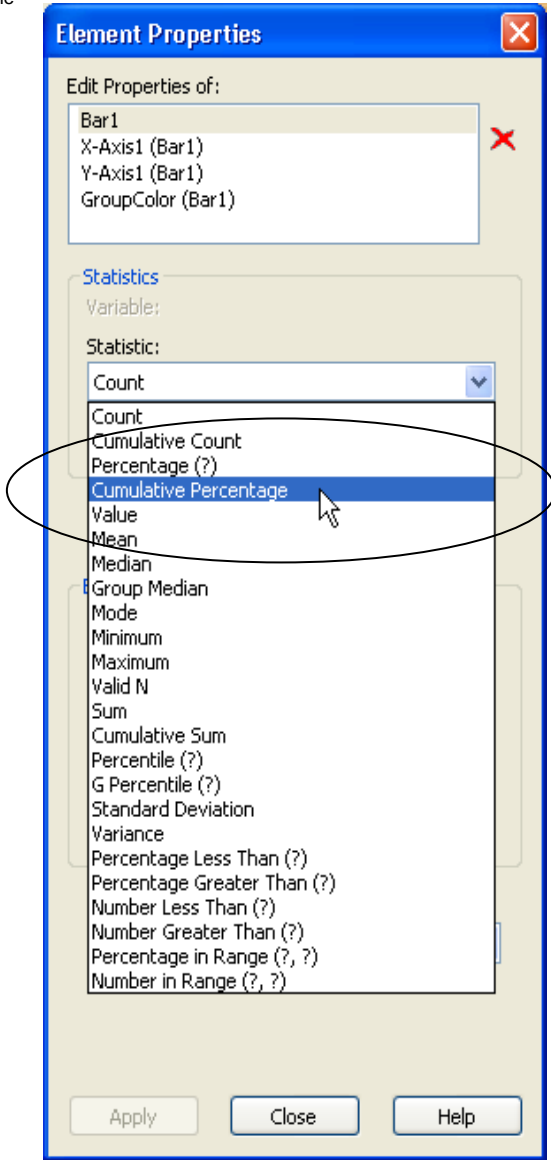
As for the clustered bar chart, from the main Chart Builder window, begin by selecting 'Bar' from the 'Choose from:' list and then drag and drop the clustered bar chart icon into the main window as shown below.



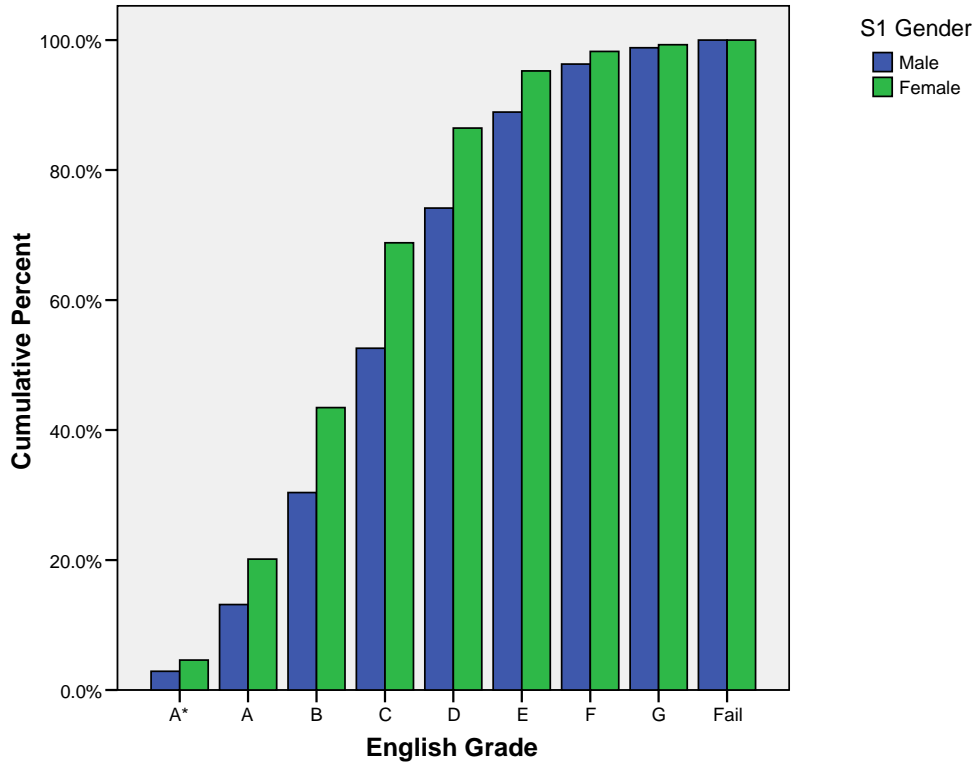
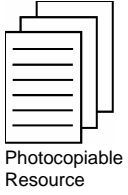


Photocopiable Resource

This time, drop 's1gender' from the 'Variables:' list onto 'Cluster: set color' and 'gradeng' (GCSE English Language grades) onto the 'X-Axis'. In the Properties window, click on 'Bar 1' and then from the drop-down menu select 'Cumulative Percentage' as shown and click 'Apply'.



Finally, click 'OK' in the main Chart Builder window to get the basic cumulative percentage clustered bar chart shown overleaf. As before, you can now edit it so that it is in the required style.



Cases weighted by Final weight for sweep 1 (rev June 06)