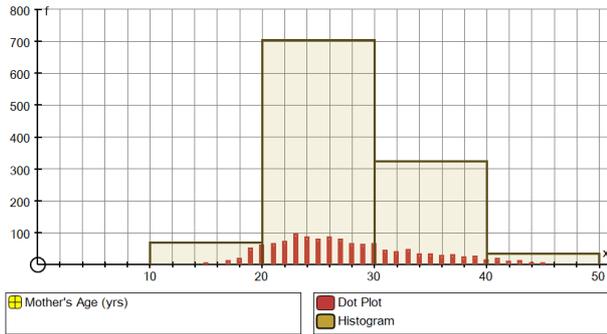


## Grouping data: UNEQUAL classes



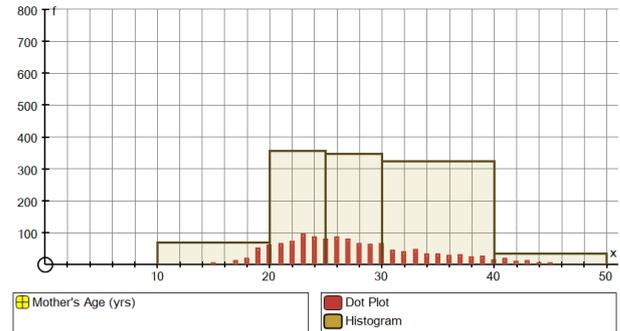
With data that is already grouped:  
Double-click on the data set (here: “Mother’s Age”) to re-enter the Edit Group Data Set dialogue:

With data that is not already grouped, use the right-click option “Group Data Set”

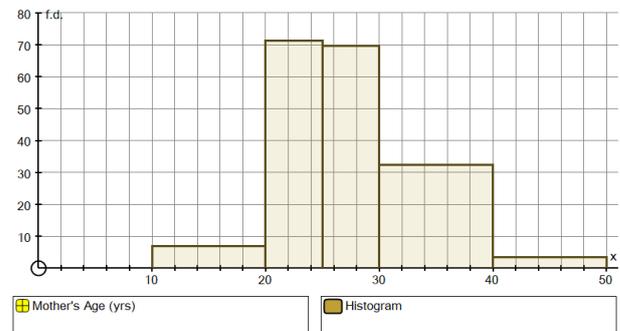
Class Intervals:  
select “Enter manually” and insert “25,” between “20” and “30”

Frequencies:  
Click on “Recalculate” and see “704” change to “356, 348” to set up discussion of the need for frequency density.

With unequal classes 20-25 and 25-30 the histogram collapses:



Double-click on the histogram plot and set FREQUENCY DENSITY first to “10” then to “1” to establish that frequency is measured by area:



Use the “Red-tick” to optimise the scaling

The Statistics box compares raw and grouped:

Raw Data	Grouped Data
Number in sample, n: 1132	Total Frequency, n: 1132
Mean, x: 27.2624	Mean, x: 27.8534
Standard Deviation, x: 5.81022	Standard Deviation, x: 6.54447
Range, x: 30	Modal Class: 20-
Lower Quartile: 23	Lower Quartile: 23.0056
Median: 26	Median: 27.0259
Upper Quartile: 31	Upper Quartile: 32.3457
I.Q. Range: 8	I.Q. Range: 9.34006