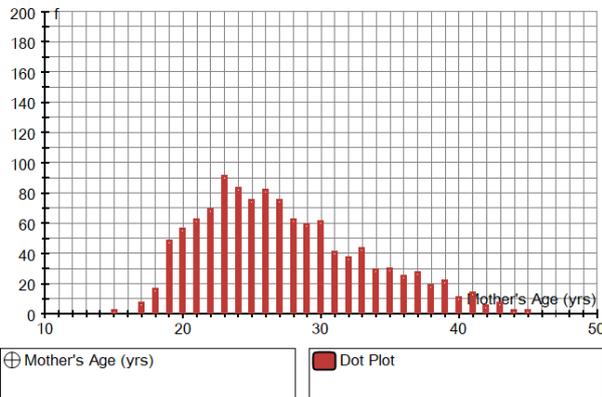


Grouping data: EQUAL classes



With a raw dataset entered, here displayed as a dot plot, use the right-click option to “Group Data Set”

Edit Grouped Data Set ? X

Data Set
Name:

Class Intervals [$a \leq x < b$]

Min: Max: Class Width:

Integer Data (eg 0-20): Include extra class

Enter manually (left limits and final)

Frequencies

Use Raw Data Use (x, f) Table

Enter manually (comma separated)

Data Type

Continuous Discrete Unit:

- confirm CLASS INTERVALS using $a \leq x < b$
- Note that you can also choose to interpret the data as “INTEGER” data, or you can enter the class intervals manually to create UNEQUAL CLASSES.
- use the RECALCULATE buttons to observe the actual classes and frequencies
- confirm CONTINUOUS/DISCRETE data
- Click “OK” to confirm that data is now GROUPED.

options extend to include a HISTOGRAM, which with equal classes is just a bar chart:

Edit Histogram Options ? X

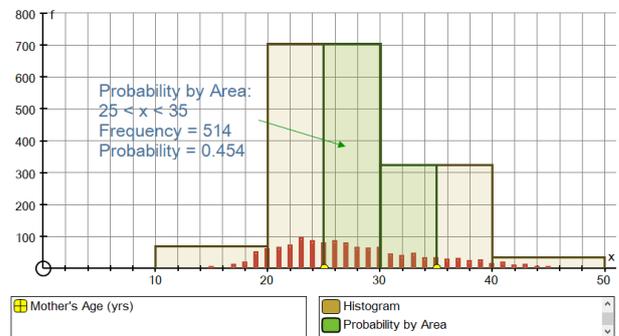
Settings

Frequency Frequency Density Unit:

Draw Options

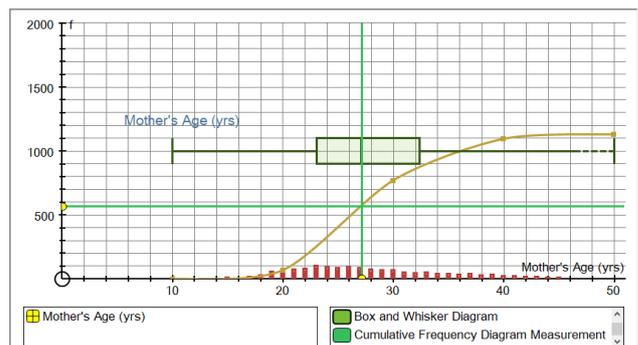
Plot Up Plot Down

Draw Histogram Draw Frequency Polygon Fill Histogram



With the histogram selected, you can measure “PROBABILITY BY AREA”

The CUMULATIVE FREQUENCY DIAGRAM can be drawn using a curve-fit or linear fit



and measurements can be illustrated:

Edit Cumulative Frequency Diagram Measureme... ? X

Settings

LQ (25%) Median (50%) UQ (75%)

User Defined F-value: x-value: