

**Book: Measurement in medicine**

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[www.cambridge.org/9780521133852](http://www.cambridge.org/9780521133852)

Instructions to make a graph in Excel of the anchor-based MIC distribution

Making the chart in excel (open excel database):

1. tab *insert*: choose *chart*
2. choose: *XY (scatter)*, with sub-type '*scatter with data points connected by smoothed lines (with markers)*'
3. press: *next*
4. go to the tab *series* and press *add*; fill in:
  - a. name: improved
  - b. X-value: ='Negative relative frequency'!\$D\$10:\$D\$25
  - c. Y-value: ='cutpoint'!\$A\$10:\$A\$25
5. press *add* again, and fill in:
  - a. name: not improved
  - b. X-value: ='Relative frequency'!\$G\$10:\$G\$25
  - c. Y-value: ='cutpoint'!\$A\$10:\$A\$25
6. press *next, next, finish*

The numbers in 4b,4c,5b and 5c depend on in which cells these data are copied.