

Chapter I-2 — Guided Tour of Igor Pro

6. Choose the Edit Wave menu item.
7. Click one of the open circles of the yval trace.

The trace is redrawn using lines and squares to show the location of the data points.
8. Click the second square from the left and drag it 1 cm up and to the right.

Notice point 1 of yval and timeval changes in the table.
9. Press Command-Z (*Macintosh*) or Ctrl+Z (*Windows*) or choose Edit→Undo.
10. Click midway between the first and second point and drag up 1 cm.

A new data point is added to the yval and timeval waves.
11. Press Option (*Macintosh*) or Alt (*Windows*) and click the new data point.

The new data point is deleted.

You could also have pressed Command-Z (*Macintosh*) or Ctrl+Z (*Windows*) to undo the insertion.
12. Press Command (*Macintosh*) or Ctrl (*Windows*), click the line segment between the second and third point and drag a few cm to the right.

The line segment is moved and two points of yval and timeval are changed in the table.
13. Press Command-Z (*Macintosh*) or Ctrl+Z (*Windows*) or choose Edit→Undo.
14. Click in the operate icon () to exit drawing mode.
15. Choose File→Revert Experiment and answer Yes in the dialog.

This returns the experiment to the state it was in before we started editing the data.
16. Choose File→New Experiment.

This clears the windows and data from the previously open experiment, creating a new, empty experiment.

Making a Category Plot (Optional)

Category plots show continuous numeric data plotted against non-numeric text categories.

1. Choose the Windows→New Table menu item.
2. Click in the Do It button.

A new blank table is created.
3. Type “Monday” (without the quotes) and then press Return or Enter.

A wave named “textWave0” was created with the text Monday as the value of the first point. Entering a non-numeric value in the first row of the first blank column automatically creates a new text wave.
4. Type the following lines, pressing Enter after each one:

Tuesday
Wednesday
Thursday
5. Click in the first cell of the next column and enter the following values:

10
25
3
16
6. Click in the first cell of the next column and enter the following values:

0
12
30
17