

scale_option — Option for resizing text, markers, and line widths

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Description

Option `scale()` makes all the text, markers, and line widths on a graph larger or smaller.

Quick start

Increase the size of all text, markers, and line widths by 20%

```
graph_command ..., ... scale(1.2)
```

Reduce the size of all text, markers, and line widths by 20%

```
graph_command ..., ... scale(.8)
```

Syntax

| <i>scale_option</i> | Description |
|-----------------------|---|
| <code>scale(#)</code> | specify scale; default is <code>scale(1)</code> |

`scale()` is *unique*; see [G-4] **Concept: repeated options**.

Option

`scale(#)` specifies a multiplier that affects the size of all text, markers, and line widths on a graph. `scale(1)` is the default.

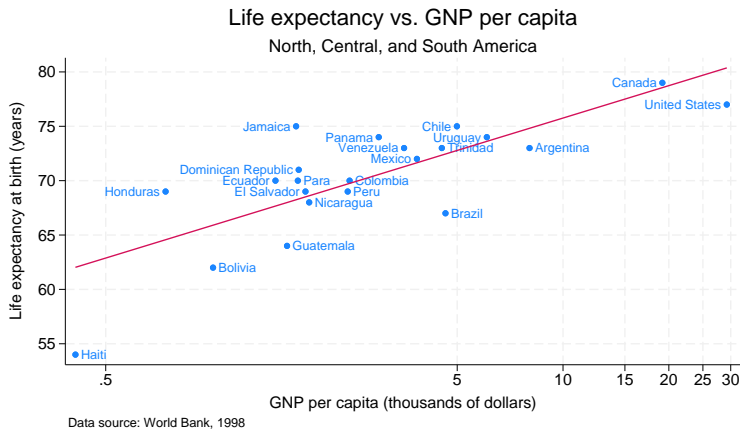
To increase the size of all text, markers, and line widths on a graph by 20%, specify `scale(1.2)`.

To reduce the size of all text, markers, and line widths on a graph by 20%, specify `scale(.8)`.

Remarks and examples

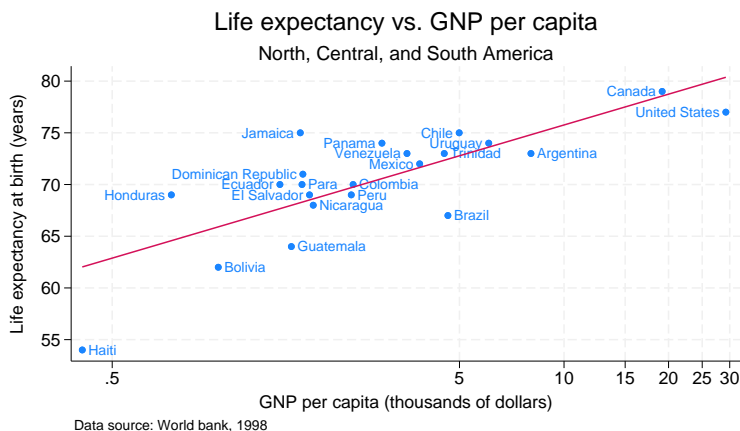
Under *Advanced use* in [G-3] *marker_label_options*, we showed the following graph:

```
. twoway (scatter lexp gnppc, mlabel(country) mlabv(pos))
      (line hat gnppc, sort)
      , xsca(log) xlabel(.5 5 10 15 20 25 30) legend(off)
      title("Life expectancy vs. GNP per capita")
      subtitle("North, Central, and South America")
      note("Data source: World Bank, 1998")
      ytitle("Life expectancy at birth (years)")
```



Here is the same graph with the size of all text, markers, and line widths increased by 10%:

```
. twoway (scatter lexp gnppc, mlabel(country) mlabv(pos))
      (line hat gnppc, sort)
      , xsca(log) xlabel(.5 5 10 15 20 25 30) legend(off)
      title("Life expectancy vs. GNP per capita")
      subtitle("North, Central, and South America")
      note("Data source: World Bank, 1998")
      ytitle("Life expectancy at birth (years)")
      scale(1.1) (new)
```



All we did was add the option `scale(1.1)` to the original command.

Also see

[G-2] [graph](#) — The graph command