Title

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

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Syntax

scale_option	Description
scale(#)	specify scale; default is scale(1)

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

Description

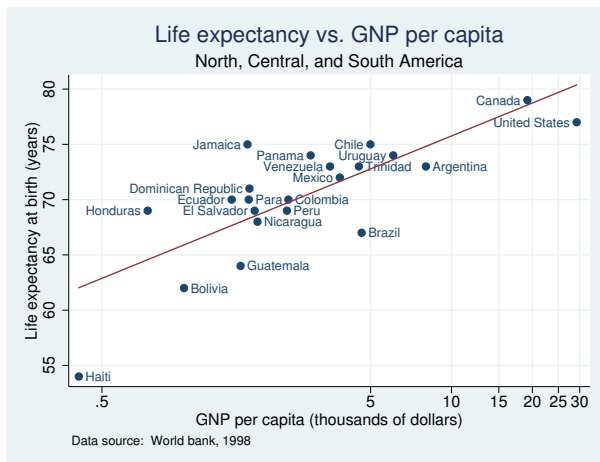Option scale() makes all the text, markers, and line widths on a graph larger or smaller.

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).
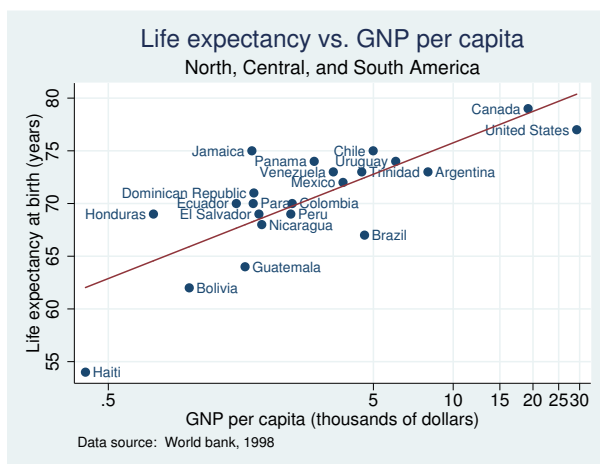
Remarks and examples

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, grid)
           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, grid)
         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