

RE: Error bars for a bar graph in Stata

Kalapatapu, Rajkumar

Sent: Tuesday, September 09, 2014 10:32 AM

To: Stata Technical Support [tech-support@stata.com]

Ok, will try it out. Thanks.

From: Stata Technical Support [tech-support@stata.com]

Sent: Tuesday, September 09, 2014 10:28 AM

To: Kalapatapu, Rajkumar

Subject: Re: Error bars for a bar graph in Stata

Dear Raj,

Depending on exactly what you are wanting to do, you may find that using `-regress-` to compute means and then using `-marginsplot-` to create the plots is more straightforward. For example, you can type

```
webuse margex, clear
regress y i.group
margins group
marginsplot, recast(bar)
```

This is a simple example. We could make modifications to the graph to alter the appearance. For instance, we could change the barwidth by typing

```
marginsplot, recast(bar) plotopts(barwidth(.5))
```

You can type

```
help marginsplot
```

for details on the options that are available.

Sincerely,

Kristin

```
*****
Kristin MacDonald
Senior Statistician
StataCorp LP
tech-support@stata.com
*****
```

You wrote:

Dear Sir/Madam:

Hello, I figured out how to make a bar graph in Stata version 13. However, for a bar graph, all journals ask to see error bars. I currently have to export my data into another program (e.g., SPSS, Excel) & create my bar graph with errors in that other program.

Is there a way to easily create an error bar? I found this website that non-Stata people have created.

<http://www.ats.ucla.edu/stat/stata/faq/barcap.htm>

But, will your company ever be implementing this in an update?

Thank you.

Raj

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