
Subject: Re: regression with error bars

Posted by [Craig Markwardt](#) on Sat, 22 May 2010 17:53:34 GMT

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On May 22, 12:44 pm, Meagan A. <u...@compgroups.net/> wrote:

> One more question, please.

>

> In:

> `RESID = (RESID_PLUS GT 0)*RESID_PLUS + (RESID_MINUS LT`

> `0)*RESID_MINUS`

>

> Shouldn't we subtract the two resids instead of adding them? Thank you again!

Not really. The "addition" there is an IDL vectorized short-hand notation for, "if residuals are greater than zero use RESID_PLUS; otherwise use RESID_MINUS". Only one clause of expression is non-zero, so you are never really adding or subtracting residual values.

Craig
