
Subject: Re: percent disagreement

Posted by [wlandsman](#) on Sat, 06 Mar 2010 23:08:15 GMT

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On Mar 6, 7:58 am, "skymaxw...@gmail.com" <skymaxw...@gmail.com> wrote:

> I'm searching for "percent disagreement" in IDL. It's not included in
> IMSL library (IDL Analyst) :(
> any others IDL statistics libraries in Internet ?
>

It is not in a library because it would take more effort to call such a function than to do the computation directly.

Given a "truth value" x_1 and a measurement x_2 , the percent disagreement is $100 \cdot \text{abs}(x_1 - x_2) / x_1$

If you don't have "truth value" but two measurements x_1 and x_2 , then replace the denominator by the best estimate of the truth

$= (x_1 + x_2) / 2$.

--Wayne
