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Subject: Re: Interesting article in Nature

Posted by [penteado](#) on Fri, 08 Feb 2013 19:01:21 GMT

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I have resolved to, whenever possible, publish with a paper all the data and source code I used to obtain that paper's results.

That way anyone can download everything, replicate the results, and see how it was done. It also causes the tools and languages used to be mentioned somewhere. In the paper itself, I put something along the lines of "The data and the IDL source code used to produce the results shown here are available at xxx".

Just as arXiv requests the LaTeX source files and there are archives to publish the data produced for the paper, I think publishing source code should be standard practice.

On Jan 31, 1:21 pm, rr...@stsci.edu wrote:

> I generally acknowledge the "tool" in professional papers if the tool is either non-standard (like I've developed some optimization routines in IDL) or am using non-standard settings of standard routines. In some cases the author(s) of the code(s) publish papers on them, so citing my source is easy. But in the case of IDL, I generally just say something like: "... for this we implement [some algorithm] in IDL\footnote{GIVE EXELIS URL}..." Though, I've never published in Nature...

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