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1. I just got a paper accepted to PSPB in which we have a footnote saying that a record-keeping error caused us not to be able to report reliability for one of our variables. The variables in this study were painstakingly coded by an army of undergrads who read the transcripts of people negotiating. The two graduate students who ran the coding process both left academia and didn't keep their files. We had the reliability data about all the variables except one, by digging out an early version of the manuscript write-up, but one variable was added later and now we'll never know. The lesson here is for multiple collaborators to keep the data in their files, although I'll admit that sometimes I still neglect to do this with student coauthors and really should.
2. I had a grad school classmate who coded participant "sex" as 0/1 and later forgot which direction was which. The lesson here is always to code sex as "female" (or "male") 0/1, which also makes it easier for the readers.
3. My grad school mentor withdrew an accepted paper from a top journal because she realized that one of the variables was coded backwards.



Myriam Sander, PhD

This happened 3/30/2022

most difficult tweet ever, but here we go:
MANUSCRIPT RETRACTION ALERT! We discovered a
serious error in our preprocessing pipeline that
affected our results presented in two recent papers:
[doi.org/10.1016/j.neur...](https://doi.org/10.1016/j.neuroimage.2021.117501) and

Myriam Sander @myriam_sander · 17h
Replying to @myriam_sander
Unfortunately, the results presented in these manuscripts do not hold after
fixing the error. We need some more time to fully understand the
consequences of this error. Nevertheless, we think that it is necessary to
retract these papers.

3 4 286

Myriam Sander @myriam_sander · 17h
We will provide a full report on the error and its consequences as soon as
we have completely reanalyzed the data. For full transparency, we plan to
write up a comprehensive comparison of the original and new results that
we might upload to biorxiv, for easy accessibility.

1 2 285

Myriam Sander @myriam_sander · 17h
We have informed the editors about this error. We are deeply sorry for this
mistake and open for any suggestions how to proceed or on further actions
that we should take....

5 2 226