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Article: An Inability to Reproduce by Samuel Greengard

This article is, as the title suggests, about how it has become nearly impossible to reproduce experiments and studies done by accredited scientists and reach the exact same outcomes. That is to say, studies are completed and published without sufficient trials and backing. Prior to reading this article, I knew the general idea behind the article. Typically, experiments must be done and data must be gathered “explicitly”, meaning every process and outcome must be recorded so that it could be reproduced by any other person. This ensured that data was accurate and that conclusions were logical and undeniable. However, while reading this article, I learned that modern day scientists and researchers have become more “relaxed” and have published data and conclusions on research that was not done thoroughly and repeatedly. Many conclusions stemmed from outcomes that appeared by chance and could not be reproduced accurately. However, they are not to blame. Because machines and data in machine learning has become so complex it is hard to collect precise data. Thus, conclusions now are merely random correlations. This article was interesting because it shows how the exponential increase technology has damaged the science community. I wish that the article gave more examples to show how these mistakes are made. There were only comparisons given to show how random correlations are usually made.