

11.3: Your Job

Your task can be expressed in four simple steps:

1. Read a statistics textbook or take a good statistics course. Practice.
 2. Plan your data analyses carefully and deliberately, avoiding the misconceptions and errors you have learned.
 3. When you find common errors in the scientific literature – such as a simple misinterpretation of p values – hit the perpetrator over the head with your statistics textbook. It's therapeutic.
 4. Press for change in scientific education and publishing. It's our research. Let's not screw it up.
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