Knowing when and where to get help

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We covered a tiny fraction of statistics

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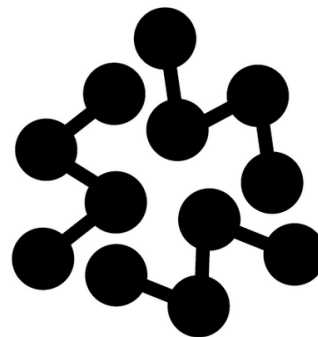# Statistics requires lots of practice

simplystats

08
JUN

I'm a data scientist - mind if I do surgery on your heart?

POSTED BY JEFF LEEK / UNCATEGORIZED

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There has been a lot of recent interest from scientific journals and from other folks in creating checklists for data science and data analysis. The idea is that the checklist will help prevent results that won't reproduce or replicate from the literature. One analogy that I'm frequently hearing is the analogy with checklists for surgeons that can help reduce patient mortality.

The one major difference between checklists for surgeons and checklists I'm seeing for research purposes is the difference in credentialing between people allowed to perform surgery and people allowed to perform complex data analysis. You would never let me do surgery on you. I have no medical training at all. But I'm frequently asked to review papers that include complicated and technical data analyses, but have no trained data analysts or statisticians. The most common approach is that a postdoc or graduate student in the group is assigned to do the analysis, even if

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It is ok to ask for help

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Welcome

The Johns Hopkins Biostatistics Center (JHBC) provides the latest in biostatistical and information science expertise to a wide range of clients in the Johns Hopkins Medical Institutions and beyond. We consult to health researchers at other academic health centers, pharmaceutical companies, medical research organizations, managed care organizations and government agencies. We provide a wide range of services and guidance; examples of our collaborative efforts can be found in our Center Bibliography.

Our team is comprised of Masters and PhD level statisticians and computer scientists from the Johns Hopkins Department of Biostatistics and affiliated faculty from other quantitative departments. There are also opportunities for students to be involved in the Center, with training in consulting processes, biostatistical methods, and substantive areas. For statisticians who may be interested in working with us, see our employment opportunities listed under News and Events.

We invite you to find out more about us…

Questions about statistical consulting?

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Student Walk-in Clinic

Fridays 10:30am - 12 noon

Room E3141

Clinic slots are limited.

Sign-in begins at