## SPSS Survey Responses

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### Math

1. In your department, how many people (faculty/staff/students) would you estimate use SPSS for the following:
   
   a. Research 0
   
   b. Courses (how many): 0
   
   c. Other (please specify): 0

2. Senate Technology is aware of several other options. Do you have any thoughts on these?
   
   
   b. SAS excellent product given the free university license.
   
   c. R what every statistician/data scientist must know and use. Bread and butter application.
   
   d. Other (Add name): We use minitab in several sections of Math 246, but only because LTS pays for it. Also the STAT add-on to Excel is used by our actuarial science faculty.

3. Is there another option that could be used successfully in your department?

4. We know that SPSS is used in collaborations and in longitudinal studies. Would changing our statistical package affect any of your collaborations or studies? Please provide a complete list of projects that could be affected.

5. If we form a committee to explore statistical software, is there anyone from your department that should be invited to join this committee? I would be willing to serve. You could also consider Kris Presler (actuary), or Mohamed Aziz (statistician).
Alex Smith

**Political Science**

1. At least 6 faculty (for research) and about 50 students a year. Courses include POLS 290, CRMJ 280, POLS 341 and POLS 342.

2. I hate SAS and R is really only for serious data folks. I’d vote for JASP among those choices, but I’d like to see Stata added to the list—it is one of the most common ones in my field

3-4. Nothing

5. I should definitely be on this committee. I actually worked with some other department chairs in the social sciences to explore this a few years ago.

Geoff Peterson

**Management and Marketing**

Angela - Keeping SPSS available to our faculty and students is absolutely vital. To answer your questions

1. a. Research - almost everyone - so probably 18
   b. 4 courses (at least)
2. These others are good but would not serve to the same degree or purpose.
3. NO
4. Yes, absolutely. There are probably over 40 projects that my faculty are working on with other faculty collaboratively right now that are using SPSS.
5. I can give you names if you are exploring other potentials.

PLEASE do NOT take this option away. This would be very detrimental to our faculty’s research progress. We are taking away SO much right now at the university, please do not make this yet one more thing that we cannot offer.

Kristy
Dr. Kristy Lauver

**Biology**

I use SPSS periodically but more and more I am using R. I would still like a canned program for conventional statistics, at least for a while.

David Lonzarich

SPSS is the main statistical package for Biologists. We also use R and the “other” packages listed, but mostly SPSS would be used...I use it myself for my research. Michelle K. Kettler, Ph.D., Biology

Hi Wil,

I'd like to be on the committee.
The cost of SPSS is absolutely absurd.
R is the only thoughtful choice that I know of. It is free. It is widely used. (There are more job ads for R than for SPSS, but there are indeed still more job ads that ask for SAS: http://r4stats.com/articles/popularity/) It makes graduates marketable, in fact in some areas R skills are pretty much expected. It is incredibly powerful. It makes great graphics too.

There are several R GUIs if you can't handle its syntax or just prefer menus: http://www.linuxlinks.com/article/20110306113701179/GUIsforR.html

The only drawback is that it does have a pretty steep learning curve, but I've been teaching biology students who to do basic & relatively advanced statistics in R since 2007. It takes only 3 sessions for nearly all students to get comfortable with the syntax.

R can read and write SPSS files: http://r4stats.com/examples/data-export/ so there's no problem with data sharing.

Cheers,
Evan Weiher

I have used SPSS in the past and if I had multivariate analysis needs for my research or student-faculty research, it is what I would use. I have used SAS and SYSTAT as well, but I now use SPSS since it’s the one supported here at UWEC.

Meanwhile, I primarily use Prism by Graphpad for classes and faculty- student collaborative research available to me via the Biology Dept in UWEC Application folder. I find it meets most of my needs.

I am familiar with R, but will not use at this point in my career.

Paula Kleintjes Neff

1. In your department, how many people (faculty/staff/students) would you estimate use SPSS for the following:
   a. Research – not sure if any one does any more since R is available. I am not aware of anyone using SPSS.
   b. Courses (how many):
   c. Other (please specify):
2. Senate Technology is aware of several other options. Do you have any thoughts on these?
   a. JASP
   b. SAS – a user friendly version of this is what I use for my research – referred to as JMP. At this point my version is quite old as it is a relatively expensive program for me to personally cover, but this older version, so far, meets my needs. I also use R on occasion.
   c. R – EXCELLENT – this is used quite a bit across our department and relied upon entirely by our biology statistics instructor.
   d. Other (Add name):

3. Is there another option that could be used successfully in your department?
   I don’t know of another option besides R which is free-ware anyway.

4. We know that SPSS is used in collaborations and in longitudinal studies. Would changing our statistical package affect any of your collaborations or studies? Please provide a complete list of projects that could be affected.
   It would not affect me.

Tali Lee

**Kinesiology**

1. In your department, how many people (faculty/staff/students) would you estimate use SPSS for the following:
   a. Research 5
   b. Courses (how many): 2 courses but 1 course has 2 sections per semester.
   c. Other (please specify):

2. Senate Technology is aware of several other options. Do you have any thoughts on these?
   a. JASP
   b. SAS
   c. R
   d. Other (Add name):

3. Is there another option that could be used successfully in your department?

4. We know that SPSS is used in collaborations and in longitudinal studies. Would changing our statistical package affect any of your collaborations or studies? Please provide a complete list of projects that could be affected.

5. If we form a committee to explore statistical software, is there anyone from your department that should be invited to join this committee? Saori Braun

Steve Fleck

**Sociology**
SPSS is the elementary, the basic, as well as the fundamental tool for my students, my teaching, my research, and my professional development!

SPSS is not only used by my Statistics class for majors, minors, but also has been widely utilized by my students in other classes as well. I have been using this software to illustrate data and research methods in all my classes either higher or lower levels! Plus I have been using SPSS to keep and maintain students data files records.

IN addition, since I came to the department, I have been using it. It is a crucial means for me. What is more, all my scholar work with quantitative analysis is based on the software.

In brief, the software to my teaching, my students, my research work, and to me, is a MUST!

Thank you!

JI Jianjun

Nursing

I use SPSS for my research and could not imagine working without it or switching to new software. Switching would mess up some of my current data sets.

I use SPSS for both research and in course work (particularly in 803). I would love to continue using SPSS. It's what I have used for my entire career. I imagine I could learn SAS. But if I have a choice, I'd stick with SPSS.

I do use SPSS, however at this time, it is limited to my dissertation coursework. I typically use SPSS maybe once a week.

I do not use SPSS in an course. I am using SPSS (with a CETL consultant Jeff Goodman) for a BMI data analysis project for analyzing longitudinal data. I have little statistical software expertise which is why I rely on Jeff (meaning I can’t offer you any guidance about statistical software for future). The potential loss of SPSS has implications for the longitudinal data we are trying to make sense of.

Thanks for the email. I use SPSS for research purposes, but at this time do not use it in classes. I doubt that anyone uses the other statistical programs, such as JASP, SAS or R, because they are pretty extensive to learn. Since you build the codes yourself, it is like an entirely separate programmers language. Therefore I would advocate for SPSS for use in the social sciences, but other users may feel differently. Thanks for asking!

I used SPSS in 2014 and 2015 year on 2 quantitative studies and have another quantitative study proposal approved for 2016 that requires SPSS.

I have used SPSS in the past with my quantitative studies (X2)... I have not used it most recently; but would if I did follow up studies. I understand the cost/benefit ratio... and would highly recommend sustaining this option based upon faculty use (I am aware many nursing faculty utilize SPSS)

I use SPSS in my research, in one of my classes for data collection, and with DNP students. I am not sure of how it would affect studies longitudinally but there would certainly be a learning curve. I have used SAS in the past and found SPSS to be more user friendly.
I have used SPSS and will continue to use for my doctoral work.

I cannot imagine having a Doctoral program without SPSS... Right now there are two students I am working with who are using it and several more will be doing so for capstones. It is software they use in classes also, and to not have them knowledgeable about it and exposure to it would be quite a step back for graduate education.

Yes, I use SPSS for research. I also do use it so I can advise students in courses and DNP capstone students who use it. See below. I have two large data sets that use it now that I will be using well into the future.

1. In your department, how many people (faculty/staff/students) would you estimate use SPSS for the following:
   1. Research - 1 faculty, 6 research assistants
   2. Courses (how many):
   3. Other (please specify): DNP capstone projects

4. We know that SPSS is used in collaborations and in longitudinal studies. Would changing our statistical package affect any of your collaborations or studies? Please provide a complete list of projects that could be affected. Yes it would affect a large multi-phase multi-year study underway, Hospital Nurse Leader Perspective Survey.

Yes, I do use SPSS, not only for my personal research, but for the A&E tracking. I’ve answered the other questions below.

6. In your department, how many people (faculty/staff/students) would you estimate use SPSS for the following:
   a. Research—personal and for A&E
   b. Courses (how many): Nursing Honor’s Projects, ?Grad DNP projects
   c. Other (please specify):

7. Senate Technology is aware of several other options. Do you have any thoughts on these?
   a. JASP—never used
   b. SAS—heard of—need training,
   c. R—never heard of
   d. Other (Add name):

8. Is there another option that could be used successfully in your department? Not that I am aware of

9. We know that SPSS is used in collaborations and in longitudinal studies. Would changing our statistical package affect any of your collaborations or studies? Please provide a complete list of projects that could be affected. No—but would need to transfer existing project over to the new format

10. If we form a committee to explore statistical software, is there anyone from your department that should be invited to join this committee? I would suggest Rose--
Psycology

SPSS is critical to Psychology. (Followed up with me via phone. Did not provide all the statistics).

Doug Matthews