CSSCR Winter 2016, Number 2

From the Director

For the past year we have experimented with an early-quarter series of short courses focusing on R and other statistical languages that support students taking quantitative credit courses. The focus has largely been on introductory R short courses, although we had a great response to our SPSS introductory course this quarter. The early-quarter courses have been a huge success, and we intend to continue offering them in the future. If you have an idea for a short course that would help students prepare for a specific credit course, please let us know.

We are pleased to announce a new batch of "regular" Winter short courses. These free, non-credit courses are available to anyone in the UW community. Please share the list of courses with your colleagues and students.

A reminder for faculty in our member departments, now is a good time to reserve lab space for your courses. We make labs available on a first come, first serve basis, so email or call us soon.

--Darryl Holman

Course Offerings

Introduction to SPSS

Description:

In this class we will go over how to begin using SPSS: how to read in data, how to explore and transform your variables, and some examples of data analysis and graphics.

Instructor: Myong Hwan Kim
Date: Tuesday, January 19, 2016
Time: 11:30am to 12:20am **Place:** Savery 117
Register

Introduction to Eviews

Description:

EViews is a statistical package for time-series and econometric analysis. This hour, I'll introduce you to the functions of loading and manipulating data, as well as running regressions.

Instructor: Laine Rutledge
Date: Wednesday, January 20, 2016
Time: 1:30pm to 2:20pm **Place:** Savery 121
Register

Introduction to Stata

Description:

Learn the basics of Stata so that you can understand do/log files, reading help files, and how to write code in order to

perform data cleaning and statistical analysis. No experience in statistical programming necessary.

Instructor: Stephanie Lee
Date: Friday, January 22, 2016
Time: 12:00pm to 12:50pm **Place:** Savery 121
Register

Introduction to simcf and tile packages in R

Description:

Regression analysis is common across the social sciences. However, translating regression coefficients and our uncertainty about them into accessible conclusions about our real quantities of interest can be a challenge. simcf and tile are two complementary R packages developed by Political Science/CSSS professor Chris Adolph to more effectively report inference from regression models. This short course provides an overview of the logic and implementation of using simcf to summarize model estimates and tile to produce approachable graphical presentations of estimates. This course assumes basic familiarity with R programming and regression.

Instructor: Carolina Johnson
Date: Wednesday, January 27, 2016
Time: 1:30pm to 2:50pm **Place:** Savery 121
Register

Introduction to ATLAS.ti: Conducting Literature Reviews

Description:

This class will demonstrate how to conduct literature review using a qualitative data analysis software called ATLAS.ti, which help users collect, code, and annotate documents. This class is ideal for researchers who wish to explore new ways of organizing their literature.

Instructor: Myong Hwan Kim
Date: Monday, February 1, 2016
Time: 1:30pm to 2:20pm
Place: Savery 121
Register

Introduction to GIS

Description:

This course will provide students with a broad overview of what geographic information systems (GISs) are and how social scientists can benefit from using them in their research. Students will explore basic GIS concepts through hands-on exercises using ArcGIS, a widely used GIS software package, as well as freely available data sets.

Instructor: Will Brown
Date: Wednesday, February 3, 2016
Time: 1:30pm to 2:20pm **Place:** Savery 121
Register

Intermediate SPSS

Description:

This class will begin by briefly reviewing basic SPSS usage (data input, selection, recoding, descriptive analysis). We will then look at running cross-tab, t-test, correlation, and basic regression analyses.

Instructor: Myong Hwan Kim
Date: Wednesday, February 10, 2016

Time: 2:00pm to 2:50pm **Place:** Savery 117
Register

Data Wrangling in R

Description:

This course will cover some of R's useful tools for data management and exploration. Most of class will be devoted to learning Hadley Wickham's excellent tidyr and dplyr packages. Attendees will be assumed to have basic familiarity with R. Yeehaw!

Instructor: Colin Beam
Date: Monday February 22, 2016
Time: 3:00pm to 3:50pm **Place:** Savery 121
Register

Introduction to SAS

Description:

This introductory class will cover basic features and some data analysis procedures of SAS. The topics include: an overview of the SAS system; how to read/enter data, modify, explore and manage data; as well as some statistical procedures for regression analysis, such as general linear model and logistic regression.

Instructor: Tina Tian
Date: Wednesday, February 24, 2016
Time: 2:00pm to 3:15pm **Place:** Savery 121
Register

Introduction to IRTPRO

Description:

IRTPRO is a program used for item calibration and item scoring based on Item Response Theory (IRT). This course will offer an explanation of IRT and an overview of the use of Maximum Likelihood (ML) procedures for item parameter estimation. This will be followed by a step-by-step tutorial for running the three most common types of models: Rasch/1PL, 2PL, and 3PL, plus a brief introduction to Differential Item Function (DIF) analysis if time allows.

Instructor: Gabriella Silva Gorsky
Date: Friday, February 26, 2016
Time: 1:30pm to 2:20pm **Place:** Savery 121
Register

Intermediate SPSS, 2nd Session

Description:

This class will be a brief review of basic SPSS usage (data input, selection, recoding, descriptive analysis), and then we will look at cross-tab, t-test, correlation and regression analyses. I'll show you both GUI (drop-down menus) and Syntax usage of the SPSS package.

Instructor: Shin Lee
Date: Friday, February 26, 2016
Time: 2:30pm to 3:20pm **Place:** Savery 121
Register

Event History Analysis in SAS

Description:

This course is a hands-on introduction to the survival analysis tools in SAS. Topics covered will include life tables (LIFETEST), parametric models (LIFEREG),and the semi-parametric Cox proportional hazards model (PHREG).

Instructor: Darryl Holman
Date: Wednesday, March 2, 2016
Time: 2:00pm to 3:20pm **Place:** Savery 121
Register

Other Seminars

The Qualitative Multi-Method Research Initiative (QUAL) is offering a series of qualitative methods seminars. These seminars are open to the UW community.

All seminars are on Thursdays from 10:30am to 12:20pm in Savery 121.

- Session 1: **January 14, 2016** - What do you really do in a literature review? – **David Lopez**, Political Science
- Session 2: **January 28, 2016** - What do you do with the data you've collected? – **Afsaneh Haddadian**, JSIS
- Session 3: **January 11, 2016** - How do you analyze the data you've collected? – **Maggie Fesenmaier**, Communication
- Session 4: **January 25, 2016** - Revisiting the research question? – **Sara Tomczuk**, Sociology

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New Data at CSSCR

- 2010-2014 5-years ACS Summary File estimates for Washington State
- 2014 1-years ACS Summary File estimates for Washington State
- 2010-2014 5-years ACS Summary File estimates for US
- 2014 1-years ACS Summary File estimates for US

CSSCR provides complete datasets of Washington State ACS Estimates in SPSS, STATA, R and SAS formats, as well as US level ACS Estimates. Data files are accessible through CSSCR's ACS site: http://csscr.washington.edu/archive/acs/. Also, Tina Tian, our data consultant, can provide support on using ACS estimates and other census data, and on ACS/census data related projects.

New ICPSR Data Releases

The UW community has access to ICPSR data through CSSCR's institutional membership on campus and off campus. Please feel free to contact us for more information about ICPSR, data set access, or specific data set needs.

New data collection additions and updates to the ICPSR data archive through January, 3, 2015.

New data collection additions and updates to the ICPSR data archive through December, 20, 2015.

New data collection additions and updates to the ICPSR data archive through December, 13, 2015.

New data collection additions and updates to the ICPSR data archive through December, 6, 2015.

New data collection additions and updates to the ICPSR data archive through November 29, 2015.

New data collection additions and updates to the ICPSR data archive through November 22, 2015.

New data collection additions and updates to the ICPSR data archive through November 15, 2015.

New data collection additions and updates to the ICPSR data archive through November 8, 2015.

New data collection additions and updates to the ICPSR data archive through October 25, 2015.

New data collection additions and updates to the ICPSR data archive [through October 11, 2015](#).

New data collection additions and updates to the ICPSR data archive [through Sept. 27, 2015](#).

Other [ICPSR announcements](#).

The Center for Social Science Computation and Research (CSSCR) is an interdepartmental computer center in the College of Arts and Sciences at the University of Washington. CSSCR provides facilities and consulting support for computing activity related to teaching and research at the University.

Hours of Operation
Winter Quarter

Consulting and Computers: Monday to Thursday: 8:00am to 9:00pm, Friday: 8:00am to 5:00pm
Office: Monday to Friday: 8:00am to 12:00pm, 1:00pm to 5:00pm

Spring break (March 21-25): Office, labs & consulting, 9:00am to 5:00pm
We are closed weekends and for University holidays

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If you would like to request academic accommodations due to a disability, please contact Disabled Student Services, 448 Schmitz, 543-8924 (V/TDD). If you have a letter from Disabled Student Services indicating you have a disability that requires academic accommodations, please present the letter to Darryl Holman at CSSCR so we may discuss the accommodations you might need for class.

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