

Poli 30D Political Inquiry

SPSS Tutorial (2)

Shane Xinyang Xuan
ShaneXuan.com

November 7, 2016

Contact Information

Shane Xinyang Xuan
xxuan@ucsd.edu

We have someone to help you every day!

Professor Desposato	M	1330-1500 (Latin American Center)
Shane Xuan	Tu	1600-1800 (SSB332)
Cameron Sells	W	1000-1200 (SSB352)
Kelly Matush	Th	1500-1700 (SSB343)
Julia Clark	F	1200-1400 (SSB326)

Supplemental Materials

Our class oriented

ShaneXuan.com

UCLA SPSS starter kit

www.ats.ucla.edu/stat/spss/sk/modules_sk.htm

Princeton data analysis

<http://dss.princeton.edu/training/>

Announcement and Quiz(!!)

Announcement

Next section will be held at the normal classroom

Quiz

Suppose consumption ($cons$) is a function of family income (inc):

$$cons = \beta_0 + \beta_1 inc + u$$

where u contains other factors affecting consumption. What change do you expect to see in $cons$ with a two-unit increase in inc ?

Please write down your **name** and **email** in the quiz!

Solution

The original model is

$$cons = \beta_0 + \beta_1 inc + u$$

With a two-unit increase in inc ,

$$\begin{aligned} cons &= \beta_0 + \beta_1(inc + 2) + u \\ &= \beta_0 + (\beta_1 inc + 2\beta_1) + u \\ &= (\beta_0 + \beta_1 inc + u) + 2\beta_1 \end{aligned}$$

Thus, we see a $2\beta_1$ increase in $cons$ with a 2-unit increase in inc !

- Data: NES 2008 & Congress Data
- Download your data:
TritonEd ~> Content ~> Course Data Files
- Syntax available on ShaneXuan.com under the Teaching tab

Housekeeping Notes (2)

- We will cover a lot of materials today
Galderisi (pp. 49–111)
- Read these pages when you are back home. Make sure you understand the details
- Good luck with your homework (due on Monday)

We are going to switch to the
SPSS screen.