

Exploring the Student Experience at the University of California

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Background

- A few years ago at the University of California...
- The SERU / UCUES Survey was imagined...
- And students participated...
- And much data was collected...
- And all was well...
- ...

But...

- The data file was huge!
- Hundreds of variables, over 50,000 respondents
- Difficult to do on-the-fly analysis
- Labor intensive to create reports for academic programs
- Very difficult to do comparisons between comparable programs at different institutions (you have to use a CCM table)

New Idea!

- Build a tool to analyze survey results by academic program. The tool should...
- ...allow other comparisons (ethnicity, gender, class level, and so on)
- ...compare two groups of respondents
- ...compare responses for each survey question
- ...calculate effect size $(\mu_1 - \mu_2 / \sigma_{\text{all}})$ and level of significance

In January 2008,
work began...

11 Months later...

The logo for SERU consists of the letters 'S', 'E', 'R', and 'U' in a white, serif font, each contained within a separate green square. The squares are arranged horizontally and are separated by thin white lines.



Survey Reporting System



Comparator Group X

Size: 162259

Response Rate: 39%

  root	Program Tree
  01	AGRICULTURE AND RELATED SCIENCES
  03	NATURAL RESOURCES AND CONSERVATION
  04	ARCHITECTURE AND RELATED SERVICES
  05	AREA, ETHNIC, CULTURAL, AND GENDER STUDIES
  09	COMMUNICATION, JOURNALISM, RELATED PROGRAMS
  11	COMPUTER AND INFORMATION SCIENCES



Campus:

BERKELEY
DAMS
LOS ANGELES
RIVERSIDE
SAN DIEGO



Ethnic15

American Indian/Alaskan Native
Black/African American
Chicano/Mexican-American
Chinese/Chinese American
Decline to State



Level:

Freshman
Junior
Limited 2nd BA
Senior
Sophomore





Search Programs

		root	Program Tree		
		01	AGRICULTURE AND RELATED SCIENCES		
		03	NATURAL RESOURCES AND CONSERVATION		
		40	PHYSICAL SCIENCES		
		42	PSYCHOLOGY		
		420101	PSYCHOLOGY, GENERAL		
		420201	CLINICAL PSYCHOLOGY		
		420201.0385176	DAVIS	MEDICINE	CLINICAL PSYCHOLOGY
		420201.06__170	SAN DIEGO	ANY	CLINICAL PSYCHOLOGY JOINT PROGRAM WITH SDSU



Template Wizard

cruc_hrs_work_oncampus
cruc_hrs_work_related
cruc_timeclub
cruc_timecomute
cruc_timeexerc
cruc_timefamily
cruc_timefriends

>>

<<

cruc_hrs_classes
cruc_hrs_studying
cruc_hrs_work_all

p_value
percent_x['0 hours per week']
percent_x['6-10 hours per week']
percent_x['1-5 hours per week']
percent_x['16-20 hours per week']
percent_x['11-15 hours per week']
percent_x['26-30 hours per week']
percent_x['21-25 hours per week']
percent_x['more than 30 hours per week']
percent_y['0 hours per week']

>>

<<

mean_x
mean_y
effect_size
stars

Close

Preview

Save

Demonstration