

# Mental Health Survey Analysis

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# 1 Demographics

The following section compares the ethnic diversity of the Fall 2016 undergraduates at the University of California, Berkeley (UCB) with the profile of survey participants who completed the “Undergraduate Student Well-being Survey - 2016” (USWBS), as populated by the UCB.

## 1.1 UC Berkeley Demographics

Ethnicity	Count	Prop. Female	Prop. Male	Prop. Undefined	Prop. Total
African American/Black	947	0.58	0.41	0.00	0.03
Mexican American/Chicano	3056	0.59	0.41	0.00	0.10
Other Hispanic/Latino	1102	0.57	0.43	0.00	0.04
Native American/Alaska Native	172	0.58	0.41	0.01	0.01
Pacific Islander	58	0.57	0.43	0.00	0.00
Chinese	5050	0.51	0.48	0.00	0.17
Filipino	867	0.59	0.41	0.00	0.03
Japanese	461	0.57	0.43	0.00	0.02
Korean	1347	0.49	0.51	0.00	0.05
Other Asian	331	0.57	0.43	0.00	0.01
South Asian	2240	0.46	0.53	0.00	0.08
Vietnamese	907	0.58	0.42	0.00	0.03
White	7594	0.50	0.50	0.00	0.26
Decline to State	1199	0.42	0.42	0.16	0.04
International	3979	0.49	0.50	0.01	0.14
Total	29310	0.52	0.47	0.01	1.00
Underrepresented Minority Subtotal	5277	0.58	0.41	0.00	0.18

Table 1: Data representing the ethnic diversity of the Fall 2016 undergradates at UCB. Information provided from the office of planning and development (<http://opa.berkeley.edu/uc-berkeley-fall-enrollment-data>).

This table was made in order to make a comparison with the survey demographics (Table 2). Note: underrepresented groups are defined as African American, Chicano/Latino, and Native American/Alaska Native.

## 1.2 Survey Demographics

Ethnicity	Count	Proportion
White	156	0.1692
Korean	21	0.0228
Chinese	115	0.1247
Filipino	15	0.0163
Japanese	9	0.0098
Vietnamese	23	0.0249
Other Asian	10	0.0108
South Asian	33	0.0358
International	40	0.0434
Decline to State	24	0.0260
Pacific Islander	7	0.0076
Other Hispanic/Latino	84	0.0911
African American/Black	93	0.1009
Mexican American/Chicano	267	0.2896
Native American/Alaska Native	25	0.0271

Table 2: Ethnicity for survey participants who completed the USWBS.

Note: ethnicity for participants was pre-populated via information on record with UCB prior to the survey being dispersed. Information in this table **does not** reflect individual responses on the USWBS part 7, demographic information.

## 1.3 UC Berkeley and USWBS demographic comparison

Using an  $\alpha$  level of .05, we observe that the population of Fall 2016 undergraduates at UCB is mostly significantly different from those who completed the USWBS. Significance was not reached within the “Japanese” and “Other Asian” categories. Thus, generalizing the USWBS results to the undergraduate population of UCB may be unwise as the USWBS convenience sample appears to over-sample from underrepresented minority populations while under-sampling from other ethnic groups (such as “White”, for example).

Ethnicity	Berkeley_Prop	Survey_Prop	Difference	Significance
African American/Black	0.03	0.12	-0.09	*
Mexican American/Chicano	0.10	0.28	-0.18	*
Other Hispanic/Latino	0.04	0.10	-0.06	*
Native American/Alaska Native	0.01	0.02	-0.02	*
Pacific Islander	0.00	0.01	-0.01	*
Chinese	0.17	0.11	0.07	*
Filipino	0.03	0.02	0.01	*
Japanese	0.02	0.01	0.01	0.0665
Korean	0.05	0.03	0.02	*
Other Asian	0.01	0.01	0.00	0.7828
South Asian	0.08	0.04	0.04	*
Vietnamese	0.03	0.02	0.01	*
White	0.26	0.15	0.11	*
Decline to State	0.04	0.02	0.02	*
International	0.14	0.07	0.06	*
Total	1.00	1.00	0.00	NA
Underrepresented Minority Subtotal	0.18	0.52	-0.34	*

Table 3: Comparison between the proportions reported by UCB and those individuals who completed the USWBS. An asterisk (\*) in the Significance column represents a significant difference between individuals in the Fall 2016 undergraduate population at UCB and the convenience sample from USWBS.

## 2 Descriptive statistics

The following section provides a breakdown of each of the questions asked and how participants responded. The following proportions were derived **only from participants where the survey status was marked “complete” or “partial complete”**. Thus, for all proceeding questions the  $N = 922$  (i.e., all proportions can be multiplied by 922 to obtain the counts for each question).

Sections are broken down into the various survey subject areas: general living, academic life, sleeping and eating habits, mental well-being, sexual violence, and campus resources. The last column is always “NA,” which is the proportion of people who did not answer the question from the pool of people who answered at least one question.

### 2.1 General living

Questions pertaining to the “General Living” aspect of the survey. As noted on the survey, “The [general living questions] will cover satisfaction with life as well as questions about how your financial situation affects your everyday life. Please indicate your agreement with the statements below to the best of your ability.”

	Strongly Disagree	Disagree	Slightly Disagree	Neither	Slightly Agree	Agree	Strongly Agree	NA
a01 The conditions of my life are excellent	0.057	0.093	0.107	0.115	0.228	0.306	0.088	0.005
a02 I am satisfied with my life	0.050	0.095	0.104	0.101	0.207	0.315	0.123	0.005
a03 I am satisfied with my living conditions	0.056	0.086	0.112	0.086	0.208	0.311	0.136	0.005
a04 Where I live, I feel safe	0.040	0.080	0.101	0.095	0.206	0.331	0.141	0.005
a07 I am confident about my financial situation	0.118	0.152	0.136	0.095	0.171	0.200	0.106	0.022
a08 Often cut back on important spending	0.114	0.121	0.146	0.093	0.154	0.234	0.115	0.022
a09 I have been concerned about money lately	0.050	0.103	0.062	0.069	0.194	0.251	0.249	0.022

	Very Poor	Poor	Fair	Good	Very Good	NA
a05 Physical Health	0.041	0.133	0.317	0.389	0.114	0.005
a06 Mental Health	0.097	0.227	0.311	0.286	0.073	0.007
a10 Satisfaction with academic life	0.060	0.125	0.295	0.380	0.119	0.022
a11 Satisfaction with social life	0.072	0.153	0.313	0.343	0.098	0.022
a12 Satisfaction with residential life	0.056	0.131	0.331	0.361	0.098	0.023

## 2.2 Academic Life

Following are questions pertaining to the "Academic Life" aspect of the survey. As noted on the survey, "The [academic life questions] will cover anxiety and academic stress. We would like to learn more about how academics are affecting your levels of stress, and also how you have felt within the last month. We would like to know how stress and anxiety is affecting you as it plays a large role in your general well-being."

	Strongly Disagree	Disagree	Slightly Disagree	Neither	Slightly Agree	Agree	Strongly Agree	NA
b04 Academics is the main reason I am stressed in my life	0.020	0.070	0.065	0.077	0.228	0.300	0.202	0.038
b05 I feel pressured by parents' expectations to succeed	0.169	0.163	0.107	0.151	0.183	0.117	0.072	0.038
b06 I feel pressured by my own expectations to succeed	0.012	0.005	0.011	0.040	0.150	0.333	0.411	0.038
b07 My stress impacts me more physically than mentally	0.048	0.159	0.182	0.277	0.159	0.075	0.062	0.038
b08 Univ. adequately provides support with academic stress	0.092	0.117	0.120	0.291	0.180	0.137	0.025	0.038
b09 I utilize campus resources for anxiety/academic stress	0.150	0.238	0.125	0.190	0.134	0.086	0.040	0.038

	Rarely or none of the time	Some or a little of the time	Occasionally or a moderate amount of the time	All of the time	NA
b01 Past week: I felt anxious and agitated	0.114	0.280	0.311	0.266	0.029
b02 Past week: I felt stressed due to academic reasons	0.062	0.200	0.345	0.364	0.029
b03 Past week: My academic stress prevented me from maintaining my self-care	0.227	0.253	0.246	0.245	0.029

## 2.3 Sleeping and eating habits

Questions pertaining to the "sleeping and eating habits" aspect of the survey. As noted on the survey, "The [sleeping and eating section] will cover sleeping and eating habits. We would like to learn more about the quality and amount of sleep undergraduate students receive, as well as the extent to which they have access to and eat healthy food because sleep and diet are both essential elements of wellness."

	No	Yes	NA
c02a Sleep obstacles: Academics	0.182	0.774	0.043
c02b Sleep obstacles: Anxiety	0.465	0.491	0.043
c02c Sleep obstacles: Concerns about post-graduation	0.684	0.272	0.043
c02d Sleep obstacles: Finances	0.636	0.321	0.043
c02e Sleep obstacles: Living conditions	0.740	0.217	0.043
c02f Sleep obstacles: Social concerns	0.706	0.251	0.043
c02g Sleep obstacles: Something else (please specify)	0.844	0.113	0.043
c02h Sleep obstacles: Nothing - I am not being prevented from more sleep	0.845	0.086	0.069

	Strongly Disagree	Disagree	Slightly Disagree	Neither	Slightly Agree	Agree	Strongly Agree	NA
c03 I am satisfied with the amount of sleep I usually receive	0.114	0.145	0.140	0.081	0.197	0.210	0.030	0.081
c04 The quality of my sleep is good	0.086	0.130	0.139	0.090	0.190	0.231	0.053	0.081
c05 The amount of sleep I receive makes me feel irritable	0.033	0.145	0.130	0.202	0.214	0.141	0.054	0.081
c06 The amount I sleep negatively affects my mental health	0.036	0.157	0.103	0.172	0.203	0.168	0.079	0.081
c07 I prioritize my academic performance above sleep	0.043	0.067	0.092	0.132	0.214	0.215	0.155	0.081
c08 I have a problem with daytime sleepiness	0.023	0.092	0.068	0.102	0.254	0.215	0.165	0.081
c09 I would benefit from naps during the day	0.024	0.064	0.047	0.139	0.194	0.269	0.182	0.081
c10 I eat health food that is good for my body	0.050	0.092	0.139	0.107	0.259	0.198	0.072	0.082
c11 I have easy access to places that sell healthy food	0.073	0.111	0.133	0.099	0.191	0.231	0.081	0.081
c12 I have easy access to affordable healthy food	0.146	0.153	0.146	0.110	0.155	0.161	0.048	0.081

	0-2	3-4	5-6	7-8	8-10	10+	NA
c01 Hours of sleep per day	0.002	0.065	0.418	0.389	0.070	0.010	0.046

## 2.4 Mental Well-being

Questions pertaining to the “Mental Well-being” aspect of the survey. As noted on the survey, “The [mental well-being section] of the survey will assess undergraduate students happiness and how they feel about life. Some of the following questions are related to feelings of depression, and responses will be used to learn more about the wellness of the undergraduate population and shape what the campus can do to address it.”

	Rarely or none of the time	Some or a little of the time	Occasionally or a moderate amount of the time	All of the time	NA
d01 Past week: I felt depressed	0.357	0.245	0.195	0.104	0.099
d02 Past week: I felt hopeful about the future	0.134	0.282	0.316	0.169	0.099
d03 Past week: I felt happy with my life	0.111	0.264	0.323	0.203	0.100
d04 Past week: I felt alone and isolated	0.279	0.280	0.219	0.124	0.099
d05 Past week: I felt like it was hard to “get up ” from lack of energy & motivation	0.223	0.253	0.222	0.202	0.100
d06 Past week: I felt less interested in things I usually enjoy	0.332	0.256	0.196	0.116	0.100
d07 Past week: I felt upset about the way my life was heading	0.376	0.235	0.170	0.119	0.099
d08 Past week: I felt like utilizing campus resources for mental distress	0.580	0.188	0.099	0.035	0.099
d09 Past week: I felt like a bad person	0.488	0.226	0.111	0.077	0.099
d10 Past week: I found it hard to focus on the positive aspects of life	0.312	0.275	0.189	0.125	0.099

	No	Yes	NA
d12 Ever diagnosed with depression by a clinical professional	0.753	0.149	0.099



## 2.5 Sexual Violence

Questions pertaining to the “Sexual Violence” aspect of the survey. As noted on the survey, “The ASUC is committed to helping create a campus where sexual violence is not tolerated, where survivors are supported, and perpetrators are held accountable. The purpose of the [sexual violence section] is to identify the strengths and needs of our campus sexual violence prevention and response services. Feel free to answer all, some, or none of the questions.”

	No	Yes	NA
e01 Option to answer sexual violence prevention section	0.367	0.533	0.101

	1 = Not at all										10 = Completely comfortable/effective	NA
e02 UG Student Well-Being Survey	0.042	0.052	0.052	0.052	0.053	0.054	0.073	0.066	0.029	0.051	0.475	
e14 Sexual assault and harassment	0.050	0.017	0.028	0.018	0.064	0.054	0.051	0.060	0.021	0.023	0.614	
e15 Mental health	0.051	0.020	0.052	0.026	0.077	0.048	0.056	0.030	0.012	0.016	0.612	
e16 Maintaining a balanced lifestyle	0.053	0.022	0.049	0.037	0.080	0.050	0.046	0.025	0.010	0.014	0.615	
e17 Alcohol use	0.049	0.021	0.023	0.024	0.056	0.038	0.048	0.064	0.036	0.029	0.613	

	Yes, for information only	Yes, for support only	Yes, for both information and support	No, have not accessed	NA
e03 Tang medical services	0.053	0.011	0.025	0.422	0.489
e04 Tang social services	0.023	0.012	0.023	0.452	0.490
e05 Confidential CARE advocates	0.016	0.003	0.005	0.485	0.490
e06 Title IX office/OPHD	0.016	0.002	0.007	0.486	0.489
e07 EOP counselors	0.015	0.001	0.013	0.482	0.489
e08 Resident Assistant/Resident Director	0.030	0.007	0.012	0.461	0.490
e09 Sexual Assault Commission/Cal Consent Campaign	0.036	0.003	0.003	0.469	0.489
e10 UCPD	0.020	0.001	0.010	0.479	0.490
e11 Other	0.007	0.001	0.008	0.447	0.538

e13 Why haven't used services for information or support about sexual violence	I did not have a need	I did not know about these resources	I did not feel comfortable accessing these services	No, have not accessed
	0.279	0.009	0.025	0.688

## 2.6 Campus Resources

Questions pertaining to the "Campus Resources" aspect of the survey. As noted on the survey, "The [campus resources section] of the survey will address to what extent you, as an undergraduate student, are aware of and utilize resources the University of California, Berkeley offers to improve student wellness. Responses will be used to see what services are most effective and can be improved. The following questions are about your knowledge and awareness of different campus-related mental health resources."

	I have not heard about until now	I have heard about but have not used	I have used this service	NA
f01 UHS at the Tang Center: Counseling & Psychological Services	0.065	0.539	0.273	0.123
f02 Tang Center CPS Satellite Counseling Services on campus	0.356	0.401	0.121	0.121
f03 Nap spaces on campus	0.149	0.641	0.090	0.120
f04 Peer Health Workers for IFC, PHC, Housing, Co-Op residents	0.343	0.461	0.075	0.121
f05 Student-to-Student Peer Counseling	0.302	0.535	0.042	0.121
f06 Tang Center Health Coaching	0.379	0.465	0.035	0.121
f07 Confidential Care Advocates	0.541	0.318	0.020	0.121

	No	Yes	NA
f08a How hear about: CPS - A friend	0.562	0.248	0.190
f08b How hear about: CPS - Professor/GSI	0.716	0.094	0.190
f08c How hear about: CPS - Peer Support Organization	0.745	0.065	0.190
f08d How hear about: CPS - Flier	0.689	0.121	0.190
f08e How hear about: CPS - Email/Online Website	0.464	0.346	0.190
f08f How hear about: CPS - Other	0.716	0.094	0.190
f08g How hear about: CPS - Don't know/Don't remember	0.663	0.148	0.190
f09a How hear about: CPS campus Satellite Counseling Services - A friend	0.430	0.092	0.478
f09b How hear about: CPS campus Satellite Counseling Services - Professor/GSI	0.487	0.035	0.478
f09c How hear about: CPS campus Satellite Counseling Services - Peer Support Organization	0.484	0.038	0.478
f09d How hear about: CPS campus Satellite Counseling Services - Flier	0.469	0.053	0.478
f09e How hear about: CPS campus Satellite Counseling Services - Email/Online Website	0.350	0.171	0.478
f09f How hear about: CPS campus Satellite Counseling Services - Other	0.448	0.074	0.478
f09g How hear about: CPS campus Satellite Counseling Services - Don't know/Don't remember	0.373	0.149	0.478
f10a How hear about: Nap spaces on campus - A friend	0.411	0.319	0.270
f10b How hear about: Nap spaces on campus - Professor/GSI	0.710	0.020	0.270
f10c How hear about: Nap spaces on campus - Peer Support Organization	0.717	0.013	0.270
f10d How hear about: Nap spaces on campus - Flier	0.611	0.119	0.270
f10e How hear about: Nap spaces on campus - Email/Online Website	0.313	0.416	0.270
f10f How hear about: Nap spaces on campus - Other	0.679	0.051	0.270
f10g How hear about: Nap spaces on campus - Don't know/Don't remember	0.674	0.056	0.270
f11a How hear about: Peer Health Workers - A friend	0.395	0.139	0.466
f11b How hear about: Peer Health Workers - Professor/GSI	0.523	0.011	0.466
f11c How hear about: Peer Health Workers - Peer Support Organization	0.501	0.033	0.466
f11d How hear about: Peer Health Workers - Flier	0.427	0.106	0.466
f11e How hear about: Peer Health Workers - Email/Online Website	0.409	0.125	0.466
f11f How hear about: Peer Health Workers - Other	0.476	0.057	0.466
f11g How hear about: Peer Health Workers - Don't know/Don't remember	0.389	0.144	0.466
f12a How hear about: Student-to-Student Peer Counseling - A friend	0.447	0.129	0.424
f12b How hear about: Student-to-Student Peer Counseling - Professor/GSI	0.560	0.016	0.424
f12c How hear about: Student-to-Student Peer Counseling - Peer Support Organization	0.535	0.041	0.424
f12d How hear about: Student-to-Student Peer Counseling - Flier	0.475	0.101	0.424
f12e How hear about: Student-to-Student Peer Counseling - Email/Online Website	0.420	0.156	0.424
f12f How hear about: Student-to-Student Peer Counseling - Other	0.528	0.048	0.424
f12g How hear about: Student-to-Student Peer Counseling - Don't know/Don't remember	0.411	0.165	0.424
f13a How hear about: Tang Center Health Coaching - A friend	0.428	0.070	0.501
f13b How hear about: Tang Center Health Coaching - Professor/GSI	0.473	0.026	0.501
f13c How hear about: Tang Center Health Coaching - Peer Support Organization	0.476	0.023	0.501
f13d How hear about: Tang Center Health Coaching - Flier	0.447	0.052	0.501
f13e How hear about: Tang Center Health Coaching - Email/Online Website	0.335	0.164	0.501
f13f How hear about: Tang Center Health Coaching - Other	0.460	0.039	0.501
f13g How hear about: Tang Center Health Coaching - Don't know/Don't remember	0.320	0.179	0.501
f14a How hear about: Confidential Care Advocates - A friend	0.293	0.043	0.664
f14b How hear about: Confidential Care Advocates - Professor/GSI	0.315	0.022	0.664
f14c How hear about: Confidential Care Advocates - Peer Support Organization	0.308	0.028	0.664
f14d How hear about: Confidential Care Advocates - Flier	0.321	0.015	0.664
f14e How hear about: Confidential Care Advocates - Email/Online Website	0.238	0.099	0.664
f14f How hear about: Confidential Care Advocates - Other	0.296	0.040	0.664
f14g How hear about: Confidential Care Advocates - Don't know/Don't remember	0.214	0.123	0.664
f22a Resource expansion: Counseling and Psychological Services	0.358	0.527	0.115
f22b Resource expansion: CPS Satellite Counseling Services on campus	0.702	0.183	0.115
f22c Resource expansion: Nap spaces on campus	0.541	0.344	0.115
f22d Resource expansion: Peer Health Workers	0.822	0.063	0.115
f22e Resource expansion: Student-to-Student Peer Counseling	0.760	0.125	0.115
f22f Resource expansion: Tang Center Health Coaching	0.765	0.120	0.115
f22g Resource expansion: Confidential Care Advocates	0.802	0.084	0.115
f24 Talk with GSI/professor about mental health and resources	0.575	0.302	0.124
f25 Was information accurate, relevant and beneficial	0.024	0.277	0.700

	Very poor/Strongly disagree	Poor/Slightly disagree	Average/Neutral	Good/Slightly agree	Very Good/Strongly agree	NA
f15 Rate services: Counseling and Psychological Services	0.017	0.016	0.079	0.099	0.055	0.733
f16 Rate services: Tang Center CPS Satellite Counseling Services on campus	0.008	0.009	0.029	0.044	0.027	0.883
f17 Rate services: Nap spaces on campus	0.003	0.011	0.033	0.028	0.011	0.914
f18 Rate services: Peer Health Workers	0.002	0.001	0.022	0.027	0.020	0.928
f19 Rate services: Student-to-Student Peer Counseling	0.001	0.002	0.012	0.012	0.012	0.961
f20 Rate services: Tang Center Health Coaching	0.003	0.002	0.009	0.012	0.004	0.970
f21 Rate services: Confidential Care Advocates	0.001	0.002	0.007	0.002	0.004	0.984
f23 Wait for mental health aid impedes on students use of these resources	0.018	0.039	0.337	0.218	0.260	0.127
f26 GSIs and professors should be better trained to help with mental health issues	0.036	0.054	0.238	0.279	0.267	0.127
f27 How likely would you be to approach the Tang Center or other campus resources	0.076	0.132	0.206	0.322	0.139	0.125

### 3 Inference

The following tables denote, for each of the above sections, whether or not there is an association between ethnicity, gender, sexual orientation, or living status versus all of the questions in the previous sections.  $\chi^2$  tests were done to assess significance of associations at the  $\alpha = 0.05$  level. For example, in the table immediately below, there is an asterisk at “I am confident about my financial situation” and “Ethnicity.” This means there is a significant association between satisfaction of living conditions and ethnicity. All p-values were adjusted for multiple comparisons using the bonferroni correction.

	Ethn.	Gender	S. Orient	Living
a01 The conditions of my life are excellent	0.6502	0.0084 *	1	0.0022 *
a02 I am satisfied with my life	1	0.1101	0.026 *	1
a03 I am satisfied with my living conditions	0.2892	0.0165 *	1	1
a04 Where I live, I feel safe	0.1628	0.0091 *	0.6861	<0.0005 *
a05 Physical Health	0.6696	<0.0005 *	0.0423 *	0.0175 *
a06 Mental Health	1	0.0325 *	0.0352 *	1
a07 I am confident about my financial situation	<0.0005 *	0.0111 *	0.3072	8e-04 *
a08 Often cut back on important spending	<0.0005 *	0.0185 *	1	0.0021 *
a09 I have been concerned about money lately	<0.0005 *	0.0492 *	1	0.2314
a10 Satisfaction with academic life	1	0.0129 *	1	0.0064 *
a11 Satisfaction with social life	0.596	1	1	0.8119
a12 Satisfaction with residential life	0.894	0.6788	1	<0.0005 *

Table 4: Table of p-values and significance for General Living section

	Ethn.	Gender	S. Orient	Living
b01 Past week: I felt anxious and agitated	1	<0.0005 *	0.0159 *	1
b02 Past week: I felt stressed due to academic reasons	1	0.0873	0.4114	1
b03 Past week: My academic stress prevented me from maintaining my self-care	1	8e-04 *	0.888	1
b04 Academics is the main reason I am stressed in my life	0.5753	1	1	1
b05 I feel pressured by parents’ expectations to succeed	7e-04 *	0.1058	1	0.0173 *
b06 I feel pressured by my own expectations to succeed	1	0.1536	1	1
b07 My stress impacts me more physically than mentally	1	0.0457 *	1	0.0273 *
b08 Univ. adequately provides support with academic stress	1	0.0016 *	0.3647	0.0224 *
b09 I utilize campus resources for anxiety/academic stress	1	0.0048 *	0.1466	1

Table 5: Table of p-values and significance for Academic life section

	Ethn.	Gender	S. Orient	Living
c01 Hours of sleep per day	1	0.051	1	1
c02a Sleep obstacles: Academics	1	0.504	1	1
c02b Sleep obstacles: Anxiety	1	7e-04	* 0.022	* 1
c02c Sleep obstacles: Concerns about post-graduation	0.0034	* 0.2771	1	0.0026 *
c02d Sleep obstacles: Finances	<0.0005	* 0.6929	0.6158	<0.0005 *
c02e Sleep obstacles: Living conditions	1	1	1	1
c02f Sleep obstacles: Social concerns	1	1	0.201	1
c02g Sleep obstacles: Something else (please specify)	1	1	1	0.0457 *
c02h Sleep obstacles: Nothing - I am not being prevented from more sleep	1	1	1	1
c03 I am satisfied with the amount of sleep I usually receive	1	0.0253	* 1	1
c04 The quality of my sleep is good	0.2074	1	1	1
c05 The amount of sleep I receive makes me feel irritable	0.0571	0.0108	* 1	1
c06 The amount I sleep negatively affects my mental health	1	0.0666	1	0.4514
c07 I prioritize my academic performance above sleep	1	0.0045	* 0.2192	0.6483
c08 I have a problem with daytime sleepiness	1	0.0051	* 0.0501	0.6647
c09 I would benefit from naps during the day	1	0.3072	1	1
c10 I eat health food that is good for my body	0.12	0.5977	0.8133	1
c11 I have easy access to places that sell healthy food	1	1	0.5566	1
c12 I have easy access to affordable healthy food	1	1	1	0.1843

Table 6: Table of p-values and significance for Sleeping and eating habits section

	Ethn.	Gender	S. Orient	Living
d01 Past week: I felt depressed	1	0.0128	* <0.0005	* 0.2104
d02 Past week: I felt hopeful about the future	0.8553	0.0055	* 1	0.8027
d03 Past week: I felt happy with my life	1	0.8869	1	1
d04 Past week: I felt alone and isolated	0.4004	0.0509	0.0361	* 1
d05 Past week: I felt like it was hard to “get up ” from lack of energy & motivation	1	0.0092	* <0.0005	* 0.2236
d06 Past week: I felt less interested in things I usually enjoy	0.4703	0.11	<0.0005	* 1
d07 Past week: I felt upset about the way my life was heading	0.3109	1	0.0486	* 1
d08 Past week: I felt like utilizing campus resources for mental distress	0.7079	<0.0005	* 0.0029	* 0.0043 *
d09 Past week: I felt like a bad person	1	8e-04	* 0.0075	* 1
d10 Past week: I found it hard to focus on the positive aspects of life	1	0.0123	* <0.0005	* 0.031 *
d11 In the past month I felt like utilizing campus resources for mental distress	1	1	0.5339	1
d12 Ever diagnosed with depression by a clinical professional	0.1571	<0.0005	* <0.0005	* 0.0285 *

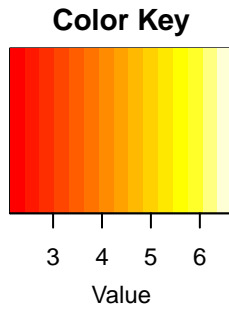
Table 7: Table of p-values and significance for Mental well-being section

## 4 Additional Inference

This section displays two heatmaps to identify possible trends in the data.

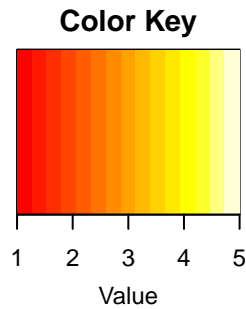
	Ethn.	Gender	S. Orient	Living
e01 Option to answer sexual violence prevention section	0.0014 *	0.0061 *	0.7612	1
e02 UG Student Well-Being Survey	1	0.0381 *	1	1
e03 Tang medical services	0.007 *	1	0.9157	1
e04 Tang social services	1	0.6354	1	0.0024 *
e05 Confidential CARE advocates	1	<0.0005 *	1	0.3916
e06 Title IX office/OPHD	1	<0.0005 *	1	0.6083
e07 EOP counselors	1	<0.0005 *	1	1
e08 Resident Assistant/Resident Director	1	<0.0005 *	1	1
e09 Sexual Assault Commission/Cal Consent Campaign	1	1	1	1
e10 UCPD	1	<0.0005 *	1	1
e11 Other	1	<0.0005 *	1	1
e13 Why haven't used services for information or support about sexual violence	1	<0.0005 *	0.1585	0.1102
e14 Sexual assault and harassment	1	0.1894	0.0076 *	1
e15 Mental health	1	1	1	1
e16 Maintaining a balanced lifestyle	1	1	1	1
e17 Alcohol use	1	1	1	1

Table 8: Table of p-values and significance for Sexual violence section



4.81	5.03	5.01	5.19	4.48	4.5	4.98	White
4.74	4.92	4.51	4.77	3.88	3.99	5.23	Other Hispanic/Latino
4.42	4.67	4.61	4.94	3.34	3.46	5.61	African American/Black
4.36	4.44	4.68	5	3.4	3.6	4.96	Native American/Alaska Native
4.4	4.59	4.65	4.85	3.49	3.62	5.57	Mexican American/Chicano
4.86	4.43	4.67	4.1	3.74	4.26	5.53	Korean
4.47	4.6	4.53	3.6	3.93	4.33	5.8	Filipino
4.88	4.97	5.42	5.21	5.33	5.36	3.97	South Asian
5.89	5.89	5.56	5.11	5.22	5.56	4.89	Japanese
4	4.35	4.55	4.78	4.38	4.72	4.36	International
5.35	5.22	5.09	4.87	5.39	5.52	4.57	Decline to State
3.71	4.43	4	4.71	4	3.86	5.57	Pacific Islander
5.12	4.96	5.13	5.15	5.22	5.47	3.88	Chinese
4.35	4.39	4.61	4.52	3.7	3.74	4.91	Vietnamese
5.1	4.4	4.7	4.7	4.3	4.7	4.9	Other Asian
4.77	4.85	4.8	5.08	4.47	4.51	4.78	Male
4.57	4.71	4.78	4.82	3.88	4.09	5.2	Female
6.4	6.67	6.25	6.04	5.69	5.71	4.4	Slightly Agree MH Rating
3.66	3.78	4.22	4.43	3.4	3.68	5.35	Disagree MH Rating
5.65	5.85	5.34	5.34	4.76	4.74	4.79	Neither Agree nor Disagree MH Rating
4.72	4.85	4.84	4.97	4.14	4.33	5.03	Slightly Disagree MH Rating
2.37	2.12	3.21	3.76	2.45	2.69	5.66	Strongly Disagree MH Rating
4.76	4.93	4.87	4.97	4.24	4.37	4.92	Heterosexual
4.33	4.33	4.44	4.28	4.1	4.31	5.08	Gay or lesbian
4.32	4.14	4.62	4.69	3.51	3.58	5.71	Bisexual/Pansexual
4.15	4.45	4.85	5.5	3.45	3.9	5.9	Other
a01	a02	a03	a04	a07	a08	a09	





3.72	3.11	3.62	3.35	3.48	White
3.17	3.04	3.62	3.3	3.25	Other Hispanic/Latino
3.4	3.02	3.3	3.14	3.32	African American/Black
3.28	2.84	3.48	3.2	3	Native American/Alaska Native
3.28	2.86	3.24	3.21	3.2	Mexican American/Chicano
3.29	2.95	3.16	3.37	3.16	Korean
3.4	2.73	2.8	2.87	3.33	Filipino
3.61	3.33	3.48	3.21	3.64	South Asian
3.33	3.44	3.56	4.22	3.67	Japanese
3.38	2.9	3.46	3.03	3.15	International
3.52	3.39	3.48	3.65	3.39	Decline to State
3.43	2.71	3.29	2.71	2.29	Pacific Islander
3.44	3.21	3.42	3.34	3.53	Chinese
3.13	2.96	2.96	3.09	3.3	Vietnamese
3.7	2.5	2.9	2.6	3.1	Other Asian
3.47	3.16	3.45	3.27	3.35	Male
3.36	2.92	3.34	3.24	3.3	Female
4.48	5	4.32	4.25	4.35	Slightly Agree MH Rating
2.9	2	2.93	2.87	2.92	Disagree MH Rating
3.83	4	3.87	3.68	3.62	Neither Agree nor Disagree MH Rating
3.41	3	3.41	3.26	3.39	Slightly Disagree MH Rating
2.48	1	2.23	2.05	2.38	Strongly Disagree MH Rating
3.48	3.13	3.4	3.32	3.37	Heterosexual
3.23	2.92	3.44	2.87	3.26	Gay or lesbian
3.14	2.57	3.29	3.02	3.15	Bisexual/Pansexual
3	2.6	3.6	3.05	3.3	Other
a05	a06	a10	a11	a12	

Of people who are mentally distress, how many people are utilizing services - D08, B01, B03 (get percentages for each category) (F01 through F07)

	I have not heard about until now	I have heard about but have not used	I have used this service
Rarely or none of the time	24	239	59
Some or a little of the time	20	137	64
Occasionally or a moderate amount of time	10	89	75
Most or all of the time	6	32	54

	I have not heard about until now	I have heard about but have not used	I have used this service
Rarely or none of the time	8	60	51
Some or a little of the time	12	162	81
Occasionally or a moderate amount of time	30	173	79
Most or all of the time	10	102	41

	I have not heard about until now	I have heard about but have not used	I have used this service
Rarely or none of the time	6	49	44
Some or a little of the time	11	135	89
Occasionally or a moderate amount of time	33	180	78
Most or all of the time	10	133	40

	I have not heard about until now	I have heard about but have not used	I have used this service
Rarely or none of the time	21	177	54
Some or a little of the time	18	169	67
Occasionally or a moderate amount of time	14	91	87
Most or all of the time	7	60	44

	I have not heard about until now	I have heard about but have not used	I have used this service
Rarely or none of the time	20	135	46
Some or a little of the time	17	158	54
Occasionally or a moderate amount of time	11	129	58
Most or all of the time	12	75	93

	I have not heard about until now	I have heard about but have not used	I have used this service
Rarely or none of the time	19	224	60
Some or a little of the time	19	152	60
Occasionally or a moderate amount of time	14	85	77
Most or all of the time	8	36	54

	I have not heard about until now	I have heard about but have not used	I have used this service
Rarely or none of the time	19	240	81
Some or a little of the time	19	137	56
Occasionally or a moderate amount of time	17	79	55
Most or all of the time	5	41	60

	I have not heard about until now	I have heard about but have not used	I have used this service
Rarely or none of the time	43	381	98
Some or a little of the time	11	82	76
Occasionally or a moderate amount of time	4	30	54
Most or all of the time	2	4	24

	I have not heard about until now	I have heard about but have not used	I have used this service
Rarely or none of the time	33	307	100
Some or a little of the time	16	118	67
Occasionally or a moderate amount of time	6	46	48
Most or all of the time	5	26	37

	I have not heard about until now	I have heard about but have not used	I have used this service
Rarely or none of the time	21	202	61
Some or a little of the time	19	169	59
Occasionally or a moderate amount of time	13	86	70
Most or all of the time	7	40	62

	I have not heard about until now	I have heard about but have not used	I have used this service
Rarely or none of the time	139	158	25
Some or a little of the time	93	103	26
Occasionally or a moderate amount of time	62	77	35
Most or all of the time	34	32	26

	I have not heard about until now	I have heard about but have not used	I have used this service
Rarely or none of the time	54	45	20
Some or a little of the time	91	128	37
Occasionally or a moderate amount of time	117	131	34
Most or all of the time	66	66	21

	I have not heard about until now	I have heard about but have not used	I have used this service
Rarely or none of the time	40	39	20
Some or a little of the time	90	107	39
Occasionally or a moderate amount of time	117	142	32
Most or all of the time	81	82	20

	I have not heard about until now	I have heard about but have not used	I have used this service
Rarely or none of the time	112	120	20
Some or a little of the time	93	125	36
Occasionally or a moderate amount of time	81	77	35
Most or all of the time	42	48	21

	I have not heard about until now	I have heard about but have not used	I have used this service
Rarely or none of the time	94	86	22
Some or a little of the time	95	115	19
Occasionally or a moderate amount of time	81	94	23
Most or all of the time	58	75	47

	I have not heard about until now	I have heard about but have not used	I have used this service
Rarely or none of the time	134	141	28
Some or a little of the time	93	112	26
Occasionally or a moderate amount of time	65	80	32
Most or all of the time	36	37	25

	I have not heard about until now	I have heard about but have not used	I have used this service
Rarely or none of the time	151	155	34
Some or a little of the time	81	101	30
Occasionally or a moderate amount of time	55	76	21
Most or all of the time	41	38	27

	I have not heard about until now	I have heard about but have not used	I have used this service
Rarely or none of the time	232	255	36
Some or a little of the time	59	74	36
Occasionally or a moderate amount of time	27	35	26
Most or all of the time	10	6	14

	I have not heard about until now	I have heard about but have not used	I have used this service
Rarely or none of the time	193	204	44
Some or a little of the time	83	85	33
Occasionally or a moderate amount of time	30	53	17
Most or all of the time	22	28	18

	I have not heard about until now	I have heard about but have not used	I have used this service
Rarely or none of the time	130	129	25
Some or a little of the time	101	116	31
Occasionally or a moderate amount of time	58	83	28
Most or all of the time	39	42	28

	I have not heard about until now	I have heard about but have not used	I have used this service
Rarely or none of the time	41	255	26
Some or a little of the time	45	155	22
Occasionally or a moderate amount of time	30	130	15
Most or all of the time	21	51	20



	I have not heard about until now	I have heard about but have not used	I have used this service
Rarely or none of the time	25	82	12
Some or a little of the time	48	187	21
Occasionally or a moderate amount of time	45	211	27
Most or all of the time	19	111	23

	I have not heard about until now	I have heard about but have not used	I have used this service
Rarely or none of the time	24	65	10
Some or a little of the time	48	171	18
Occasionally or a moderate amount of time	45	216	30
Most or all of the time	19	139	25

	I have not heard about until now	I have heard about but have not used	I have used this service
Rarely or none of the time	42	191	19
Some or a little of the time	35	188	31
Occasionally or a moderate amount of time	36	142	16
Most or all of the time	24	70	17

	I have not heard about until now	I have heard about but have not used	I have used this service
Rarely or none of the time	33	154	15
Some or a little of the time	37	171	22
Occasionally or a moderate amount of time	31	149	18
Most or all of the time	35	117	28

	I have not heard about until now	I have heard about but have not used	I have used this service
Rarely or none of the time	45	233	25
Some or a little of the time	31	177	24
Occasionally or a moderate amount of time	34	126	17
Most or all of the time	26	55	17

	I have not heard about until now	I have heard about but have not used	I have used this service
Rarely or none of the time	54	257	29
Some or a little of the time	32	165	16
Occasionally or a moderate amount of time	29	108	15
Most or all of the time	22	61	23

	I have not heard about until now	I have heard about but have not used	I have used this service
Rarely or none of the time	94	392	37
Some or a little of the time	24	126	20
Occasionally or a moderate amount of time	15	56	17
Most or all of the time	4	17	9

	I have not heard about until now	I have heard about but have not used	I have used this service
Rarely or none of the time	81	323	37
Some or a little of the time	28	151	23
Occasionally or a moderate amount of time	16	74	10
Most or all of the time	12	43	13

	I have not heard about until now	I have heard about but have not used	I have used this service
Rarely or none of the time	47	212	25
Some or a little of the time	36	188	24
Occasionally or a moderate amount of time	31	124	15
Most or all of the time	23	67	19

	I have not heard about until now	I have heard about but have not used	I have used this service
Rarely or none of the time	113	185	24
Some or a little of the time	92	116	14
Occasionally or a moderate amount of time	72	85	17
Most or all of the time	39	39	14

	I have not heard about until now	I have heard about but have not used	I have used this service
Rarely or none of the time	58	54	7
Some or a little of the time	104	134	18
Occasionally or a moderate amount of time	102	155	25
Most or all of the time	52	82	19

	I have not heard about until now	I have heard about but have not used	I have used this service
Rarely or none of the time	43	49	7
Some or a little of the time	100	121	15
Occasionally or a moderate amount of time	113	156	22
Most or all of the time	59	99	25

	I have not heard about until now	I have heard about but have not used	I have used this service
Rarely or none of the time	95	143	14
Some or a little of the time	89	135	30
Occasionally or a moderate amount of time	79	103	11
Most or all of the time	53	44	14

	I have not heard about until now	I have heard about but have not used	I have used this service
Rarely or none of the time	78	108	16
Some or a little of the time	81	133	15
Occasionally or a moderate amount of time	84	97	17
Most or all of the time	72	87	21

	I have not heard about until now	I have heard about but have not used	I have used this service
Rarely or none of the time	107	175	21
Some or a little of the time	87	123	21
Occasionally or a moderate amount of time	71	93	13
Most or all of the time	50	34	14

	I have not heard about until now	I have heard about but have not used	I have used this service
Rarely or none of the time	132	183	25
Some or a little of the time	83	114	15
Occasionally or a moderate amount of time	52	85	15
Most or all of the time	49	43	14

	I have not heard about until now	I have heard about but have not used	I have used this service
Rarely or none of the time	198	281	44
Some or a little of the time	72	86	11
Occasionally or a moderate amount of time	37	43	8
Most or all of the time	9	15	6

	I have not heard about until now	I have heard about but have not used	I have used this service
Rarely or none of the time	176	239	26
Some or a little of the time	84	93	24
Occasionally or a moderate amount of time	28	63	9
Most or all of the time	28	30	10

	I have not heard about until now	I have heard about but have not used	I have used this service
Rarely or none of the time	105	160	19
Some or a little of the time	101	127	20
Occasionally or a moderate amount of time	64	86	19
Most or all of the time	46	52	11

	I have not heard about until now	I have heard about but have not used	I have used this service
Rarely or none of the time	98	214	10
Some or a little of the time	86	126	10
Occasionally or a moderate amount of time	60	104	10
Most or all of the time	34	49	9

	I have not heard about until now	I have heard about but have not used	I have used this service
Rarely or none of the time	45	65	9
Some or a little of the time	84	159	13
Occasionally or a moderate amount of time	92	180	10
Most or all of the time	57	89	7

	I have not heard about until now	I have heard about but have not used	I have used this service
Rarely or none of the time	32	61	6
Some or a little of the time	94	128	14
Occasionally or a moderate amount of time	99	181	11
Most or all of the time	53	122	8

	I have not heard about until now	I have heard about but have not used	I have used this service
Rarely or none of the time	77	169	6
Some or a little of the time	89	149	16
Occasionally or a moderate amount of time	69	112	12
Most or all of the time	43	63	5

	I have not heard about until now	I have heard about but have not used	I have used this service
Rarely or none of the time	71	124	7
Some or a little of the time	79	139	11
Occasionally or a moderate amount of time	68	122	8
Most or all of the time	60	107	13



	I have not heard about until now	I have heard about but have not used	I have used this service
Rarely or none of the time	103	188	12
Some or a little of the time	81	140	10
Occasionally or a moderate amount of time	55	114	8
Most or all of the time	39	50	9

	I have not heard about until now	I have heard about but have not used	I have used this service
Rarely or none of the time	115	214	11
Some or a little of the time	74	128	10
Occasionally or a moderate amount of time	52	94	6
Most or all of the time	37	57	12

	I have not heard about until now	I have heard about but have not used	I have used this service
Rarely or none of the time	196	313	14
Some or a little of the time	50	109	10
Occasionally or a moderate amount of time	25	55	8
Most or all of the time	7	16	7

	I have not heard about until now	I have heard about but have not used	I have used this service
Rarely or none of the time	154	274	13
Some or a little of the time	77	111	13
Occasionally or a moderate amount of time	26	66	8
Most or all of the time	21	42	5

	I have not heard about until now	I have heard about but have not used	I have used this service
Rarely or none of the time	97	179	8
Some or a little of the time	90	148	10
Occasionally or a moderate amount of time	53	104	12
Most or all of the time	38	62	9

	I have not heard about until now	I have heard about but have not used	I have used this service
Rarely or none of the time	120	193	9
Some or a little of the time	96	113	13
Occasionally or a moderate amount of time	76	91	7
Most or all of the time	57	32	3

	I have not heard about until now	I have heard about but have not used	I have used this service
Rarely or none of the time	63	52	4
Some or a little of the time	111	142	3
Occasionally or a moderate amount of time	109	158	15
Most or all of the time	66	77	10

	I have not heard about until now	I have heard about but have not used	I have used this service
Rarely or none of the time	55	42	2
Some or a little of the time	114	114	8
Occasionally or a moderate amount of time	110	168	13
Most or all of the time	69	105	9

	I have not heard about until now	I have heard about but have not used	I have used this service
Rarely or none of the time	102	140	10
Some or a little of the time	98	148	8
Occasionally or a moderate amount of time	93	92	8
Most or all of the time	56	49	6

	I have not heard about until now	I have heard about but have not used	I have used this service
Rarely or none of the time	84	112	6
Some or a little of the time	96	124	9
Occasionally or a moderate amount of time	83	109	6
Most or all of the time	85	84	11

	I have not heard about until now	I have heard about but have not used	I have used this service
Rarely or none of the time	121	174	8
Some or a little of the time	89	129	13
Occasionally or a moderate amount of time	76	96	5
Most or all of the time	62	30	6

	I have not heard about until now	I have heard about but have not used	I have used this service
Rarely or none of the time	139	193	8
Some or a little of the time	88	112	12
Occasionally or a moderate amount of time	66	83	3
Most or all of the time	56	41	9

	I have not heard about until now	I have heard about but have not used	I have used this service
Rarely or none of the time	221	286	16
Some or a little of the time	77	87	5
Occasionally or a moderate amount of time	39	45	4
Most or all of the time	12	11	7

	I have not heard about until now	I have heard about but have not used	I have used this service
Rarely or none of the time	194	235	12
Some or a little of the time	87	102	12
Occasionally or a moderate amount of time	35	61	4
Most or all of the time	33	31	4

	I have not heard about until now	I have heard about but have not used	I have used this service
Rarely or none of the time	116	160	8
Some or a little of the time	99	137	12
Occasionally or a moderate amount of time	75	87	7
Most or all of the time	59	45	5

	I have not heard about until now	I have heard about but have not used	I have used this service
Rarely or none of the time	184	133	5
Some or a little of the time	142	75	5
Occasionally or a moderate amount of time	111	60	3
Most or all of the time	62	25	5

	I have not heard about until now	I have heard about but have not used	I have used this service
Rarely or none of the time	81	34	4
Some or a little of the time	164	88	4
Occasionally or a moderate amount of time	172	104	6
Most or all of the time	82	67	4

	I have not heard about until now	I have heard about but have not used	I have used this service
Rarely or none of the time	65	34	0
Some or a little of the time	154	76	6
Occasionally or a moderate amount of time	184	100	7
Most or all of the time	95	83	5

	I have not heard about until now	I have heard about but have not used	I have used this service
Rarely or none of the time	147	102	3
Some or a little of the time	157	89	8
Occasionally or a moderate amount of time	122	68	3
Most or all of the time	73	34	4

	I have not heard about until now	I have heard about but have not used	I have used this service
Rarely or none of the time	122	75	5
Some or a little of the time	145	81	3
Occasionally or a moderate amount of time	117	76	5
Most or all of the time	114	61	5

	I have not heard about until now	I have heard about but have not used	I have used this service
Rarely or none of the time	181	119	3
Some or a little of the time	143	82	6
Occasionally or a moderate amount of time	106	67	4
Most or all of the time	68	25	5

	I have not heard about until now	I have heard about but have not used	I have used this service
Rarely or none of the time	206	127	7
Some or a little of the time	130	79	3
Occasionally or a moderate amount of time	94	55	3
Most or all of the time	69	32	5

	I have not heard about until now	I have heard about but have not used	I have used this service
Rarely or none of the time	334	183	6
Some or a little of the time	99	66	4
Occasionally or a moderate amount of time	46	40	2
Most or all of the time	20	4	6

	I have not heard about until now	I have heard about but have not used	I have used this service
Rarely or none of the time	277	160	4
Some or a little of the time	127	65	9
Occasionally or a moderate amount of time	52	46	2
Most or all of the time	43	22	3



	I have not heard about until now	I have heard about but have not used	I have used this service
Rarely or none of the time	167	114	3
Some or a little of the time	161	83	4
Occasionally or a moderate amount of time	99	63	7
Most or all of the time	72	33	4

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	Ethn.	Gender	S. Orient	Living
f01 UHS at the Tang Center: Counseling & Psychological Services	1	0.0337	* <0.0005	* 0.1035
f02 Tang Center CPS Satellite Counseling Services on campus	1	1	0.0026	* 1
f03 Nap spaces on campus	0.0123	* 1	1	0.0061 *
f04 Peer Health Workers for IFC, PHC, Housing, Co-Op residents	1	1	1	<0.0005 *
f05 Student-to-Student Peer Counseling	1	0.0038	* 1	0.3252
f06 Tang Center Health Coaching	1	5e-04	* 1	<0.0005 *
f07 Confidential Care Advocates	1	<0.0005	* 1	0.0368 *
f08a How hear about: CPS - A friend	1	1	1	1
f08b How hear about: CPS - Professor/GSI	1	1	1	0.1036
f08c How hear about: CPS - Peer Support Organization	0.141	0.598	1	1
f08d How hear about: CPS - Flier	1	1	1	0.0474 *
f08e How hear about: CPS - Email/Online Website	1	1	1	1
f08f How hear about: CPS - Other	1	1	1	1
f08g How hear about: CPS - Don't know/Don't remember	1	1	1	1
f09a How hear about: CPS campus Satellite Counseling Services - A friend	1	1	1	1
f09b How hear about: CPS campus Satellite Counseling Services - Professor/GSI	0.735	1	1	1
f09c How hear about: CPS campus Satellite Counseling Services - Peer Support Organization	1	1	1	1
f09d How hear about: CPS campus Satellite Counseling Services - Flier	1	1	1	0.246
f09e How hear about: CPS campus Satellite Counseling Services - Email/Online Website	1	1	1	1
f09f How hear about: CPS campus Satellite Counseling Services - Other	1	1	1	1
f09g How hear about: CPS campus Satellite Counseling Services - Don't know/Don't remember	1	1	1	1
f10a How hear about: Nap spaces on campus - A friend	1	1	1	1
f10b How hear about: Nap spaces on campus - Professor/GSI	1	1	1	1
f10c How hear about: Nap spaces on campus - Peer Support Organization	1	1	1	1
f10d How hear about: Nap spaces on campus - Flier	1	0.9227	1	1
f10e How hear about: Nap spaces on campus - Email/Online Website	1	0.1475	1	1
f10f How hear about: Nap spaces on campus - Other	0.2354	1	1	1
f10g How hear about: Nap spaces on campus - Don't know/Don't remember	1	0.0642	1	1
f11a How hear about: Peer Health Workers - A friend	1	1	1	0.143
f11b How hear about: Peer Health Workers - Professor/GSI	1	<0.0005	* 1	1
f11c How hear about: Peer Health Workers - Peer Support Organization	1	1	1	1
f11d How hear about: Peer Health Workers - Flier	1	1	1	1
f11e How hear about: Peer Health Workers - Email/Online Website	1	1	1	1
f11f How hear about: Peer Health Workers - Other	1	1	1	1
f11g How hear about: Peer Health Workers - Don't know/Don't remember	1	1	1	1
f12a How hear about: Student-to-Student Peer Counseling - A friend	1	1	1	1
f12b How hear about: Student-to-Student Peer Counseling - Professor/GSI	1	1	1	1
f12c How hear about: Student-to-Student Peer Counseling - Peer Support Organization	1	0.188	1	1
f12d How hear about: Student-to-Student Peer Counseling - Flier	1	1	0.7308	1
f12e How hear about: Student-to-Student Peer Counseling - Email/Online Website	1	1	1	1
f12f How hear about: Student-to-Student Peer Counseling - Other	1	1	1	1
f12g How hear about: Student-to-Student Peer Counseling - Don't know/Don't remember	1	0.8242	1	1
f13a How hear about: Tang Center Health Coaching - A friend	1	1	1	1
f13b How hear about: Tang Center Health Coaching - Professor/GSI	1	1	1	1
f13c How hear about: Tang Center Health Coaching - Peer Support Organization	1	0.0128	* 1	1
f13d How hear about: Tang Center Health Coaching - Flier	1	1	1	1
f13e How hear about: Tang Center Health Coaching - Email/Online Website	1	1	1	1
f13f How hear about: Tang Center Health Coaching - Other	1	1	1	0.0917
f13g How hear about: Tang Center Health Coaching - Don't know/Don't remember	1	1	1	1
f14a How hear about: Confidential Care Advocates - A friend	1	0.3253	1	1
f14b How hear about: Confidential Care Advocates - Professor/GSI	1	1	1	0.3437
f14c How hear about: Confidential Care Advocates - Peer Support Organization	1	1	0.6236	1
f14d How hear about: Confidential Care Advocates - Flier	1	1	1	1
f14e How hear about: Confidential Care Advocates - Email/Online Website	1	1	1	1
f14f How hear about: Confidential Care Advocates - Other	1	1	1	1
f14g How hear about: Confidential Care Advocates - Don't know/Don't remember	1	1	1	1
f15 Rate services: Counseling and Psychological Services	1	1	1	1
f16 Rate services: Tang Center CPS Satellite Counseling Services on campus	1	1	1	1
f17 Rate services: Nap spaces on campus	1	1	1	1
f18 Rate services: Peer Health Workers	1	0.201	1	0.3043
f19 Rate services: Student-to-Student Peer Counseling	1	1	1	1
f20 Rate services: Tang Center Health Coaching	1	1	1	1
f21 Rate services: Confidential Care Advocates	1	1	1	1
f22a Resource expansion: Counseling and Psychological Services	1	0.0497	* 0.5768	1
f22b Resource expansion: CPS Satellite Counseling Services on campus	1	1	1	1
f22c Resource expansion: Nap spaces on campus	1	1	1	1
f22d Resource expansion: Peer Health Workers	1	0.9146	1	1
f22e Resource expansion: Student-to-Student Peer Counseling	1	1	1	1
f22f Resource expansion: Tang Center Health Coaching	1	1	1	1
f22g Resource expansion: Confidential Care Advocates	1	1	1	1
f23 Wait for mental health aid impedes on students use of these resources	1	1	1	0.0341 *
f24 Talk with GSI/professor about mental health and resources	1	1	1	1
f25 Was information accurate, relevant and beneficial	1	1	1	1
f26 GSIs and professors should be better trained to help with mental health issues	0.6313	0.0034	* 1	1
f27 How likely would you be to approach the Tang Center or other campus resources	1	1	1	1

Table 9: Table of p-values and significance for Campus Resources section