

5. Participant Sex, Culture, and Family Responsibilities

Description: In this study, you will compare how families in two ethnic communities' (e.g., Latina and White students) differ in terms of responsibilities toward their family and how this relates to gender. This includes current assistance at home (how much they help), respect for family, or the value of supporting their family in the future (e.g., do they expect to help their parents when they're older).

Independent Variable 1: Ethnic Identity (choose 2 ethnicities)

Level 1: Middle Eastern Heritage

Level 2: White

Independent Variable 2: Participant Sex

Level 1: Male

Level 2: Female

Dependent Variable (Choose one measure below. You will only use one of these in your study.)

- Current Assistance Toward Family
- Respect for Family
- Value of Supporting Family in the future

Step 1. Using the [Research Study Options](#) page, choose one of the topics and copy and paste the option you decided on

Step 2. State your Research Questions

Step 3. State your main effect hypothesis for IV1

Step 4. State your main effect hypothesis for IV 2

(keep in mind it makes no difference which you call IV1 or IV2, just make sure to discuss them separately)p

Step 5. State the interactions hypothesis regarding how you think both IVs might impact the DV

1. Participant Sex, Culture, and Family Responsibilities
2. How does gender (IV1) and ethnicity (IV2) relate to responsibilities toward their family?
3. Gender: We expect females to hold greater responsibility when it comes to their families.
4. Ethnicity: We expect Hispanic participants to report higher rates of responsibility to their family compared to White participants.
5. Gender + Ethnicity: We expect Hispanic Females will report the highest rates of responsibilities of all participants.

Hispanic
vs.
White

Method Section Draft

Notes in the Method Handout doc:

- **Have to include a Title Page with all the submissions**
- **Have to use past tense writing**
- **Just put “X” or temporary numbers for participants’ numbers for now**
- **Subheadings (Participants, Materials, Design and Analysis, Procedure)**
- **We have to recruit 30 participants each teammate, so if we have 5, then we will have 150 participants in our study in total**

I’m using the *rubric (in italics)* (in the Method Handout doc for this outline, when we are done we’ll just put this in paragraph form)

Participants (provide details on participant demographics and recruitment):

- *Demographics (you must mention participant sex, ethnicity, and age even if it’s not part of your study)*
 - Total number of participants: (probably) 150
 - (X) Hispanic females
 - (X) Hispanic males
 - (X) White females
 - (X) White males
 - (Maybe (X) nonbinary who are Hispanic and White?)
- *Number of Participants*
 - 150 participants (probably)

Materials (clear description of all materials and survey, include appendix if you use a survey) (No appendices required):

- *All materials listed, well described materials (do your best)*
 -
- *A clear description of the survey (refer to the survey, that may help)*
 -

Design and Analysis (clearly define your variables and levels. The operationalization of your variables is concrete, and it is clear how you measured):

- *Name and operationalize the 2 independent variables and 2 levels for each*
 - IV1: Sex (Male or Female)
 - IV2: Ethnicity (Hispanic and White)
- *Name and operationalize the DV*
 - (In the *Research Project IV and DV Measurements module*) Current Assistance, Respect for Family, OR Expected Future Support
- *2 x 2 Factorial Design*
 -
- *Explain you will be using a Two-way ANOVA for the analysis*
 -

In the Method Handout doc on the *Design and Analysis* explanation, we can copy and paste this section and adapt the underline sections and the second/third paragraphs to our study - we don't have to cite the Professor):

“In the present study, we used a 2 x 2 factorial design. The first independent variable is participant reported ethnicity. The levels for ethnicity are Latina/o and White. Our second independent variable was dating practices with two levels; uses online dating applications and does not use online dating. The dependent variable was the overall experienced sexual harassment as measured by our 5-question scale on sexual harassment (Cronbach's alpha = .66). We used a two-way ANOVA to analyze the main effect for ethnicity and dating practices and check for a two-way interaction between ethnicity and dating practices.

Variable Operationalization. In this study, ethnicity was collected through an open-ended question. Anyone who responded with any ethnic identity connected to Latin America (Mexico, Central America, and South America) was coded as Latina/o. Any ethnicities reported as White-American, European-American, and Western European identities were coded as White. We included a question that asked if participants used online dating for our second independent variable, dating practices. We also asked how often they dated and if they were married. Students who were married and had not been on a date in the last 3 months were excluded from the analysis.

Sexual harassment, our dependent variable, was measured using a scale that included 20 5-point Likert scale questions. In our final sexual harassment measure, 1

indicated minimal experience with sexual harassment 5 indicated high experience with sexual harassment. Minimal experience was experiencing sexual harassment in dating 1 or fewer times in the last year. A 5 was experienced sexual harassment 10 or more times in the previous year.”

Procedure (include as much detail as you can about how the study was carried out.

§ APA formatting is correct with no errors):

- *How many experimenters? Describe recruitment method (rational, where, times, etc.)*
 -
- *Clearly state that you explained that they could skip any questions or opt-out.*
 -
- *Clearly describe the steps in detail include what you said when you will say when you recruit participants.*
 -
- *Consent and Debriefing are included as an appendix*
 -

“It is required that you mention that you gave the participants a **consent** form before they participated. Also, note that the participants should were debriefed through a **debrief statement** they provided at the end of the study.”

Draft. By Samantha Berrios this is what I came up with as a Method section, we can add ideas on what we all came up with. :)

Method.

Participants:

The participants in our study will be the ages between 18 and 30 years old. The number of participants will be _#_ females and _#_ males of both Caucasian and Hispanic ethnicity. We will be emailing survey questionnaires and polls used on a social media platform regarding family responsibility. The participants will be of Caucasian and Hispanic ethnicity as well as taking a look at cultural background. We will also take into account the sex of the participants, gender female and male.

In this study, we recruited the participants (through family, friends, and co-workers?). The participants were emailed with survey questionnaires and polls used on a social media platform regarding family responsibility. For this study, the participants in our study are between 18 and 30 years old, and we decided to only recruit participants that identified as male (n=#) and female (n=#) of both Caucasian (n=#) and Hispanic (n=#) ethnicity.

Materials:

The distribution of the survey questionnaire will be given to all _#_ participants through email. The use of google doc with the survey question will be created. The survey will ask questions on gender, female or male, ethnicity Hispanic or Caucasian ,What are their roles whether female or male in the household?, another question is do they have a responsibility to take care of their parents?, and some family economic background who contributes more in expenses?. On the social media poll will be asked the same question based on the percentage of answers we will see whether female or male which of the two have a responsibility to take care of their parents.

The distribution of the survey questionnaire was given to all 150 participants through email. The use of Google Form (or Survey Monkey) was created for the demographic survey questionnaire (see Appendix #) about the participant's age, sex at birth, gender, and age. The second survey administered was a

Note: include or not social media poll based on how many emails we get back on survey. Consent form needed for email survey. Social media would be more percent wise. Can be a comparison to survey. (free sample).

Design:

In our design all participants will be selected by asking them to participate in a life after college questionnaire, what are all the participants plans to do after college?. This allows for participants to not directly think too deeply on the questions but the right or logical answer. This priming strategy gives more of an honest answer but still answers our research question. In addition to this adding family images of different family ethnicity, culture practices as a background in the questionnaire, will it make a difference in answers given by participants. The survey will ask questions on gender female or male, ethnicity Hispanic or Caucasian, What are their roles whether female or male in the household? What are your religious practices? Another question is do they have a responsibility to take care of their parents?, and some family economic background who contributes more in expenses? What responsibilities do you have now? What are your career plans? What will you do after college? Based on the response we will not include after college answers as data collected. The initial questions will mostly be data collected about gender, family responsibility, and culture values.

In social media polls the use of instagram and facebook, will post survey questions on a “Yes or No” answering choice, or give an answer to choice based on question. Example, are you Hispanic or Caucasian ? then give a poll choice of both. This gives us data collection on gender, ethnicity, and if male or females have more responsibility toward family.

Note: All questions can be changed but just an idea we should use some cover up story to get a more honest quick answer. Eliminate bias. Just a suggestion, or can be straight forward on what research is about.

Data:

In our finding we see in the data collected in two levels of independent variable one and independent variable two. The data collected supports that ___ (female or male) of ___ ethnicity (

caucasian or hispanic). The survey questions show ___#___ the number of ___(Female or male)___ are more responsible in taking care of their parents. In the social media poll we ___ and ___ in percentage is higher then ___ and the ethnicity ___ is higher then _____. Based on the findings our research has collected we have answered our research question. Question one, How does gender (IV1) and ethnicity (IV2) relate to responsibilities toward their family? For independent variable gender either female or male we found that ___#___ hold responsibilities toward family. In the finding of independent variable two ethnicity ___#___ relate to responsibility toward family.

Equation: (insert here/ below etc.)

Calculation:

Data table:

Conclusion:

Note: more to be added or changed. More specific.

Procedure:

Our research team found that....

How does gender (IV1) and ethnicity (IV2) relate to responsibilities toward their family?

Gender: We expect females to hold greater responsibility when it comes to their families.

Ethnicity: We expect Hispanic participants to report higher rates of responsibility to their family compared to White participants.

Gender + Ethnicity: We expect Hispanic Females will report the highest rates of responsibilities of all participants

Note: answer all research questions. All data, limitations, findings, pulling it all together.

Survey Questions. (open to change ideas)

1. How do you identify culturally or ethnically? Use whichever term(s) you identify with most (for example, Filipino, Armenian, Iranian, Mexican American, African American/Black, Korean,) _____
2. In terms of your gender, how do you

identify? _____

3. What is your age? _____

4.. What sex were you assigned at birth? Male, Female, Other

Allison Nawroth

Method

Participants

The participants in our study are all friends and family members of the research students. The recruitment of our participants occurred solely through social media platforms such as Facebook, Instagram, and Twitter. For the following study, we recruited participants that identified themselves as male (n= 49) female (n= 143). We also took into account the participants' ethnicity, Hispanic or Latino (n= 131) and White (n= 61) all within the age range of 18 - 35 years old.

Materials

For our study, we created a survey for our participants to take through Google Forms. First, a brief demographic survey was given to our participants, which included 3 questions about the participant's age, gender, and ethnicity. Following the demographic survey, we gave the participants a series of statements where they would respond to using a 5-point Likert scale to evaluate one's family responsibility.

The participants were directed to read the question "How often do you think you should do the following things?" and then select from the following: almost never, once in a while, sometimes, frequently, and always to a given statement. There were a total of twelve statements for the participants to answer in the survey.

Design and Analysis

For this study, we used a 2 x 2 factorial design. The first independent variable is participant reported gender. The levels for gender are male and female. Our second independent variable was participant reported ethnicity with two levels; Latina/o and White. The dependent variable was one's overall responsibilities toward their family as measured by our 5-question scale on family responsibility (Cronbach's alpha = .__). We used a two-way ANOVA to analyze the main effect for one's gender and their felt responsibility towards their family and check for a two-way interaction between one's ethnicity and their felt responsibility towards their family.

Variable Operationalization. In this study, data on gender was collected through a multiple-choice question. The multiple-choice options for **gender** included male, female, and an “other” option where participants could write-in their gender. Our study was limited to individuals who identified as being either male or female. Participants that identified as being neither male or female were excluded from our study. **Our second independent variable, ethnicity**, was collected through an open-ended question. Anyone who responded with any ethnic identity connected to Latin America (Mexico, Central America, and South America) was coded as Latina/o. Any ethnicities reported as White-American, European-American, and Western European identities were coded as White.

Our dependent variable, one’s current assistance in their family, was measured using a scale that included __ 5-point Likert scale questions. In our current assistance measure, 1 indicated minimal experience with family assistance and 5 indicated high experience with family assistance.

Procedure

Six researchers recruited about 25 participants each through social media, equalling about 150 participants in total for this study. When recruiting participants, we made sure to approach this safely within Covid compliances. To stay safe, we each posted on our social media accounts politely asking our family and friends to opt in a short survey to help with a research experiment we were conducting for a class. After an individual agreed to participate, we first made sure to get their consent by sending them a link to an online consent form through Google Docs. If a

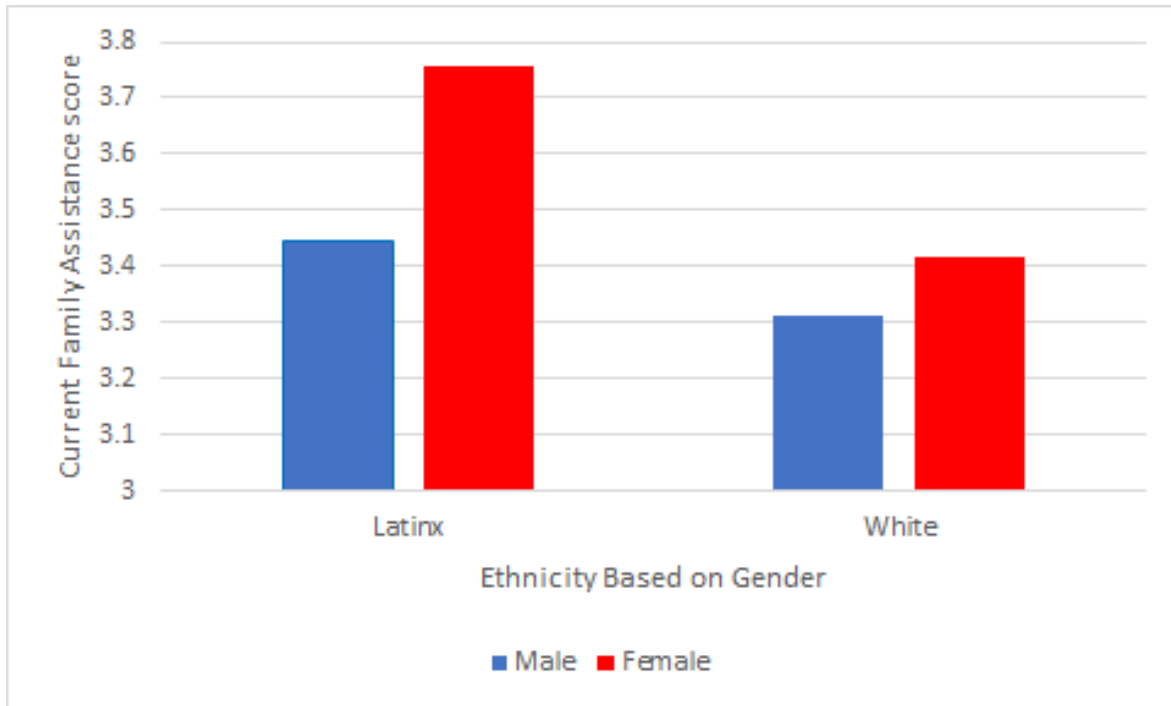
participant read through the consent form and agreed to participate in our study, we assured the individual that they could skip any questions they did not want to answer and had the option to opt out of the survey completely at any time by simply exiting out of the link sent. Once the participant was aware of their right to opt out, the participant was directed to the survey where they would fill out a brief demographic questionnaire and then would move onto the survey questions about the study. The participant would read the statement ““How often do you think you should do the following things?”” and then would respond using a 5-point Likert scale. The participant would click on the number that best describes their answer to each scenario based question, 1 = almost never, 2 = once in a while, 3 = sometimes, 4 = frequently, 5 = almost always. There was no set time limit on the survey and each participant completed the survey on their own device that has access to the internet. After submitting the survey, we thanked our participants for participating and provided them with a physical copy of a debrief sheet about our research study they were involved in.

Results

A two-way ANOVA was conducted to examine how gender and ethnicity relate to current family assistance. There was no significant main effect for gender between males ($M= 3.40$, $SD= 0.67$) and females ($M= 3.65$, $SD= 0.79$) $F(1, 188) = 2.437$, *ns*. There was not a significant main effect for ethnicity for effects of Latinx ($M= 3.68$, $SD=0.72$) and White ($M= 3.40$, $SD= 0.83$) ethnicity, $F(1, 188) = 3.055$, *ns*. There was no statistically significant interaction between the effects of gender and ethnicity on family assistance, $F(1, 188) = .584$, $p= .45$, *ns*.

Figure 1

Bar Graph Showing Family Assistance Scores by Gender and Ethnicity



Univariate Analysis of Variance

Between-Subjects Factors

	Value	Label	N
In terms of your gender, how do you identify?	1	MALE	49
	2	FEMALE	143
How do you identify culturally or ethnically? Use whichever term(s) you identify with most (for example, Filipino, Armenian, Iranian, Mexican American, African American/Black, Korean)	1	LATINX	131
	2	WHITE	61

Descriptive Statistics

Dependent Variable: FamilyAssistance_score

		How do you identify culturally or ethnically? Use whichever term(s) you identify with most (for example, Filipino, Armenian, Iranian, Mexican American, African American/Black, Korean)	Mean	Std. Deviation	N
In terms of your gender, how do you identify?	MALE	LATINX	3.4436	.65896	34
		WHITE	3.3111	.71163	15
		Total	3.4031	.67085	49
FEMALE		LATINX	3.7569	.72824	97
		WHITE	3.4185	.87144	46
		Total	3.6480	.79016	143
Total		LATINX	3.6756	.72171	131
		WHITE	3.3921	.83060	61
		Total	3.5855	.76730	192

Tests of Between-Subjects Effects

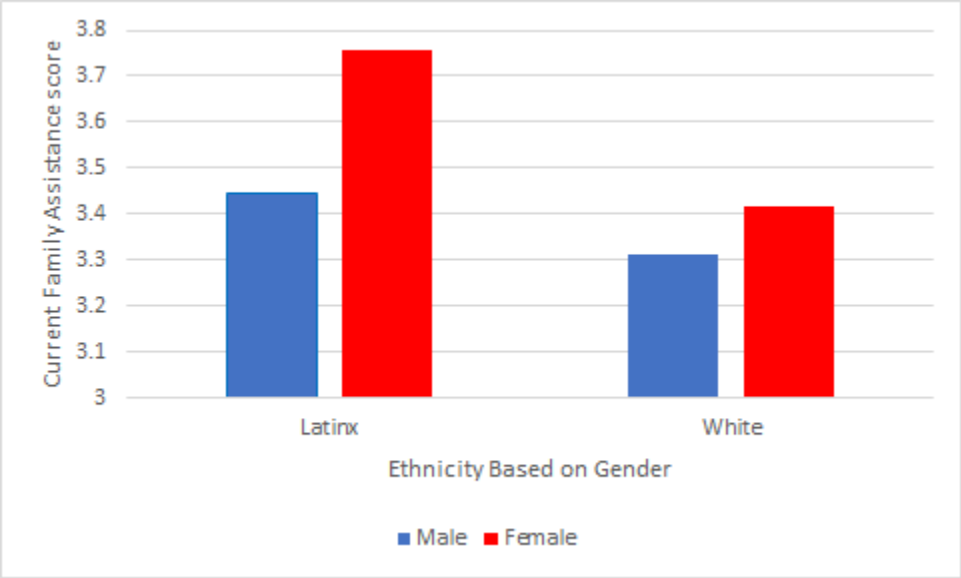
Dependent Variable: FamilyAssistance_score

Source	Type III Sum of Squares	df	Mean Square	F	Sig.
Corrected Model	5.946 ^a	3	1.982	3.498	.017
Intercept	1514.495	1	1514.495	2673.353	.000
Intermsofyourgenderhow doyouidentify_coded	1.381	1	1.381	2.437	.120
Howdoyouidentifyculturallorethnically_coded	1.731	1	1.731	3.055	.082
Intermsofyourgenderhow doyouidentify_coded * Howdoyouidentifyculturallorethnically_coded	.331	1	.331	.584	.446
Error	106.505	188	.567		
Total	2580.771	192			
Corrected Total	112.450	191			

a. R Squared = .053 (Adjusted R Squared = .038)

Samantha B. Added two charts to pick from.

Figure 1
Bar Graph showing the difference in Current Family Assistance Score by Ethnicity based on Gender.



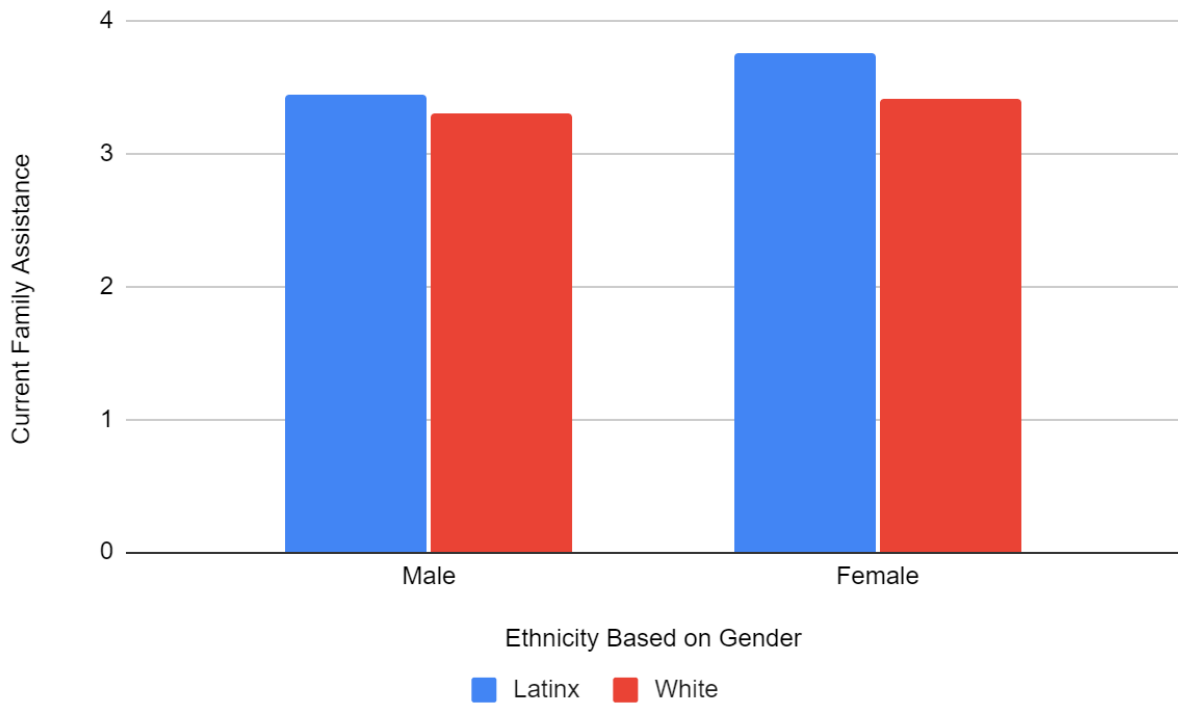
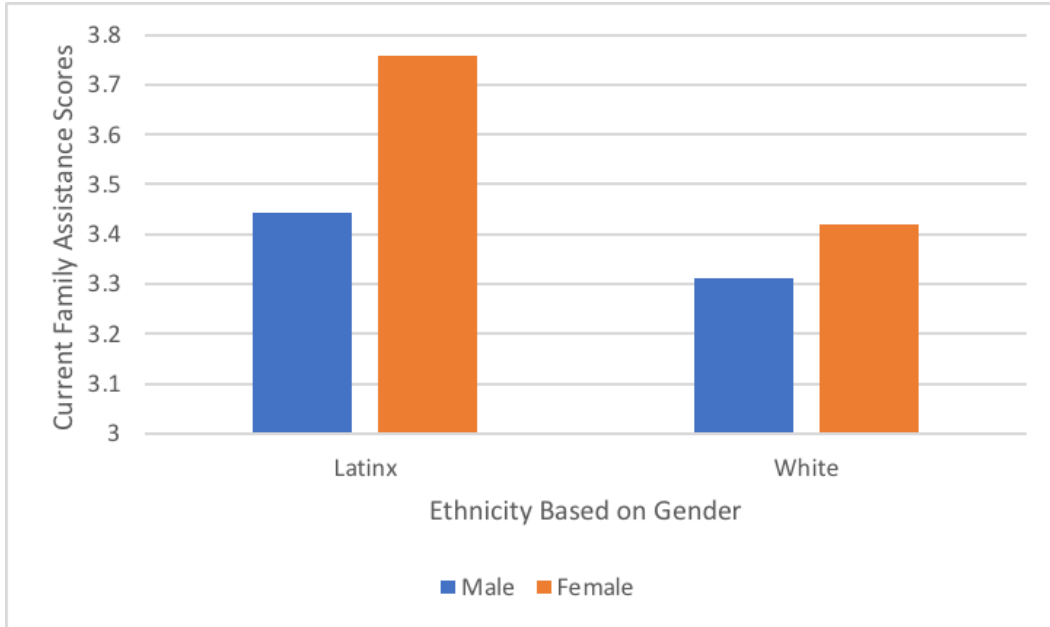
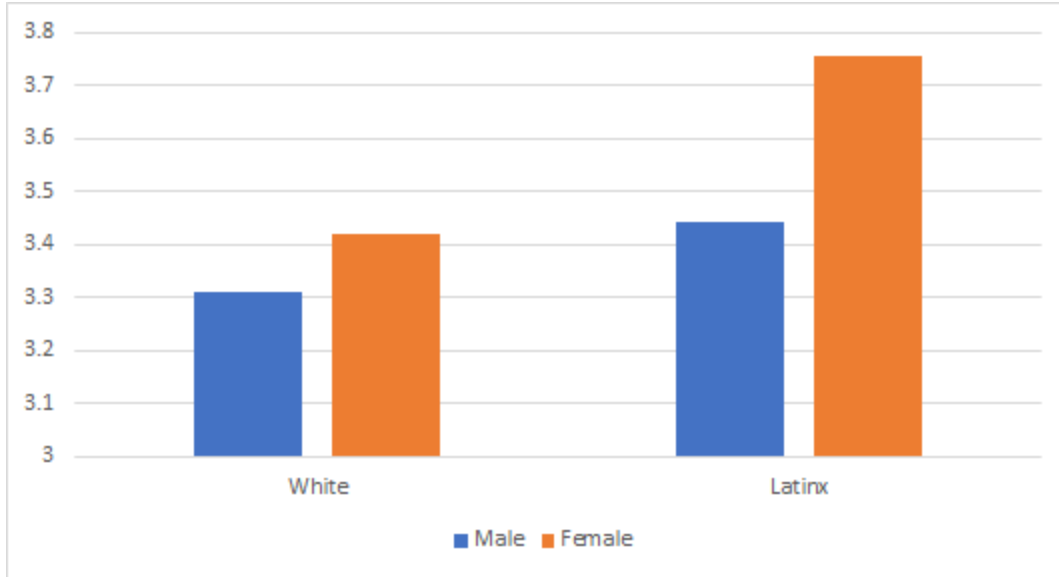


Figure 1 (SamB) Chart 2

Bar Graph showing the difference in Gender Identity by Ethnicity and Gender



^Joe's



Above is the graph I came up with. I was unable to label the X and Y axis.

- Porscher