

Ethnicity as a Predictor for Suicidal Behavior and its Moderation by Gender

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Introduction

Suicide rates in the U.S. have risen by 35.2% in two decades, with young adults at heightened risk. College students, despite their vulnerability, are less likely to seek treatment, making it critical to understand suicide risk factors.

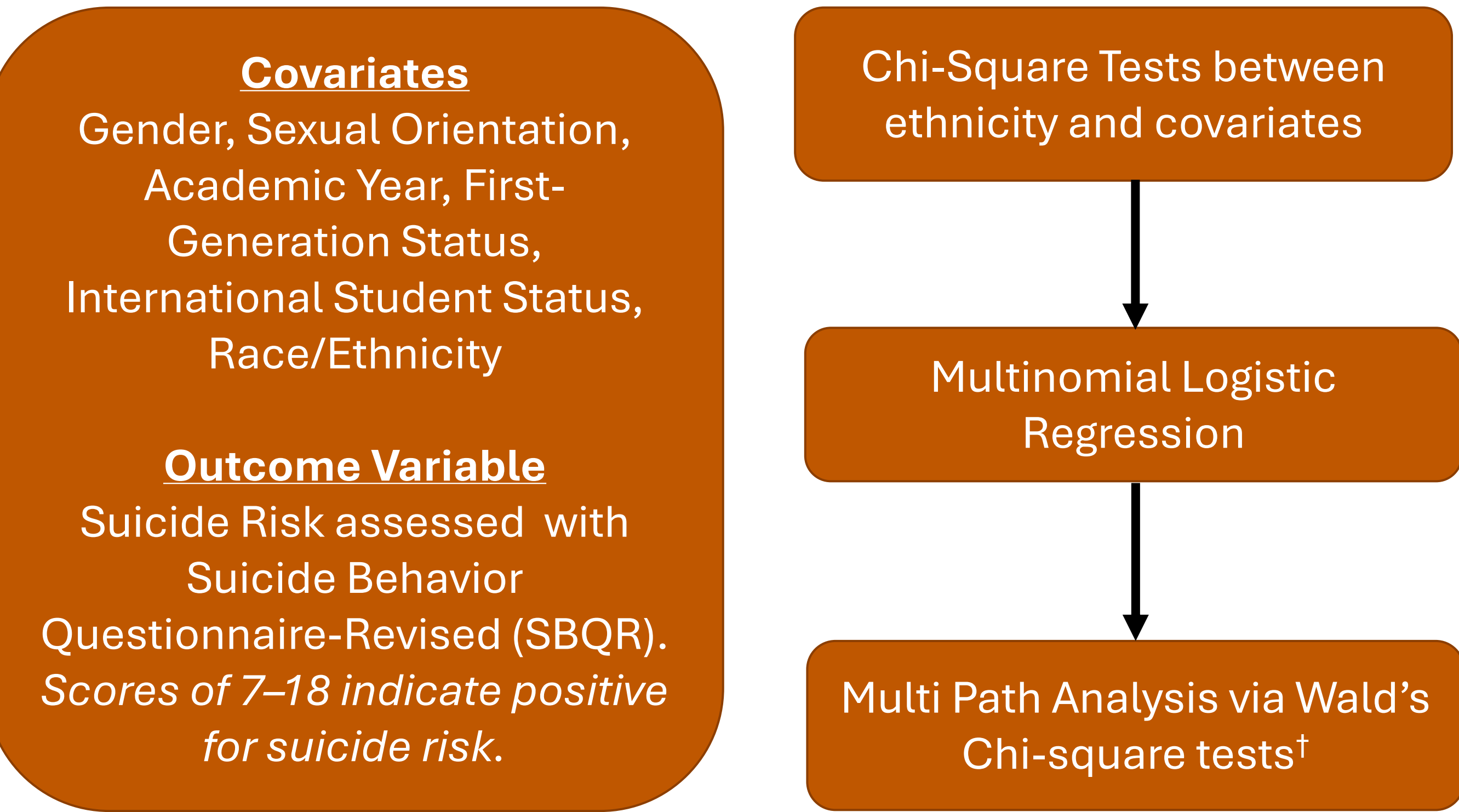
Minority status influences mental health, yet racial aggregation obscures key ethnic differences. South Asian students may face cultural stigma and unique gendered pressures, impacting their mental health and suicide risk differently than Asians broadly.

Gender can moderate suicide risk differently across ethnicities, making it essential to examine how they perform comparatively.

Research Goal

This study examines suicide risk among South Asian (SA) students, Asian students of Non-South Asian origin (NSA), and Non-Hispanic White (NHW) students across ethnic and gender groups. It also investigates whether South Asian women face higher suicide risk than men and explores gender moderation effects, expecting greater disparities among SA due to distinct sociocultural factors.

Methods



[†]Wald’s test evaluates whether gender differences in suicide risk are statistically significant across ethnicities (i.e., gender by ethnicity interactions).

Results

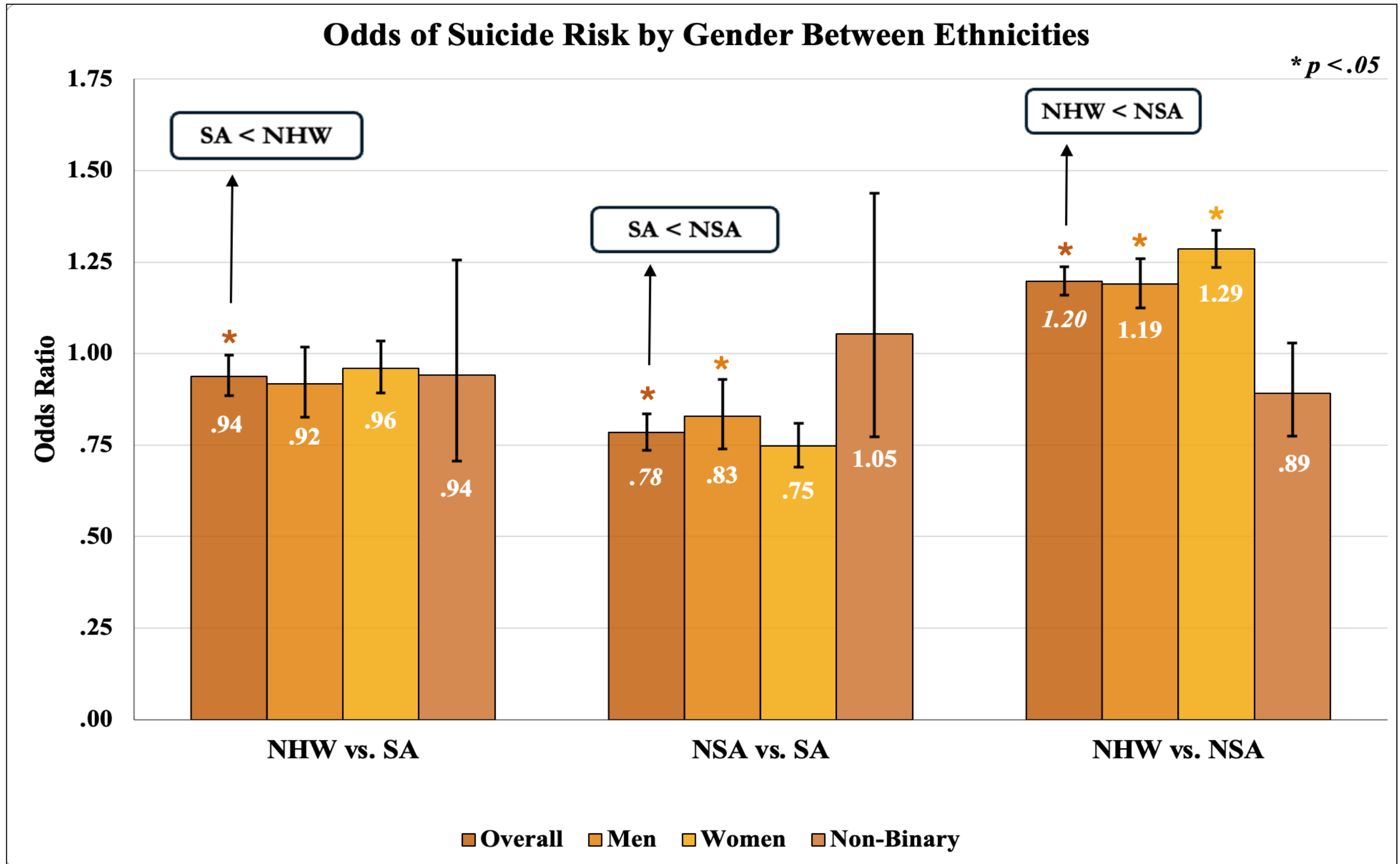


Figure 1. Odds ratio comparing suicide risk between ethnicities. Differences between ethnicities in risk are further stratified by gender.

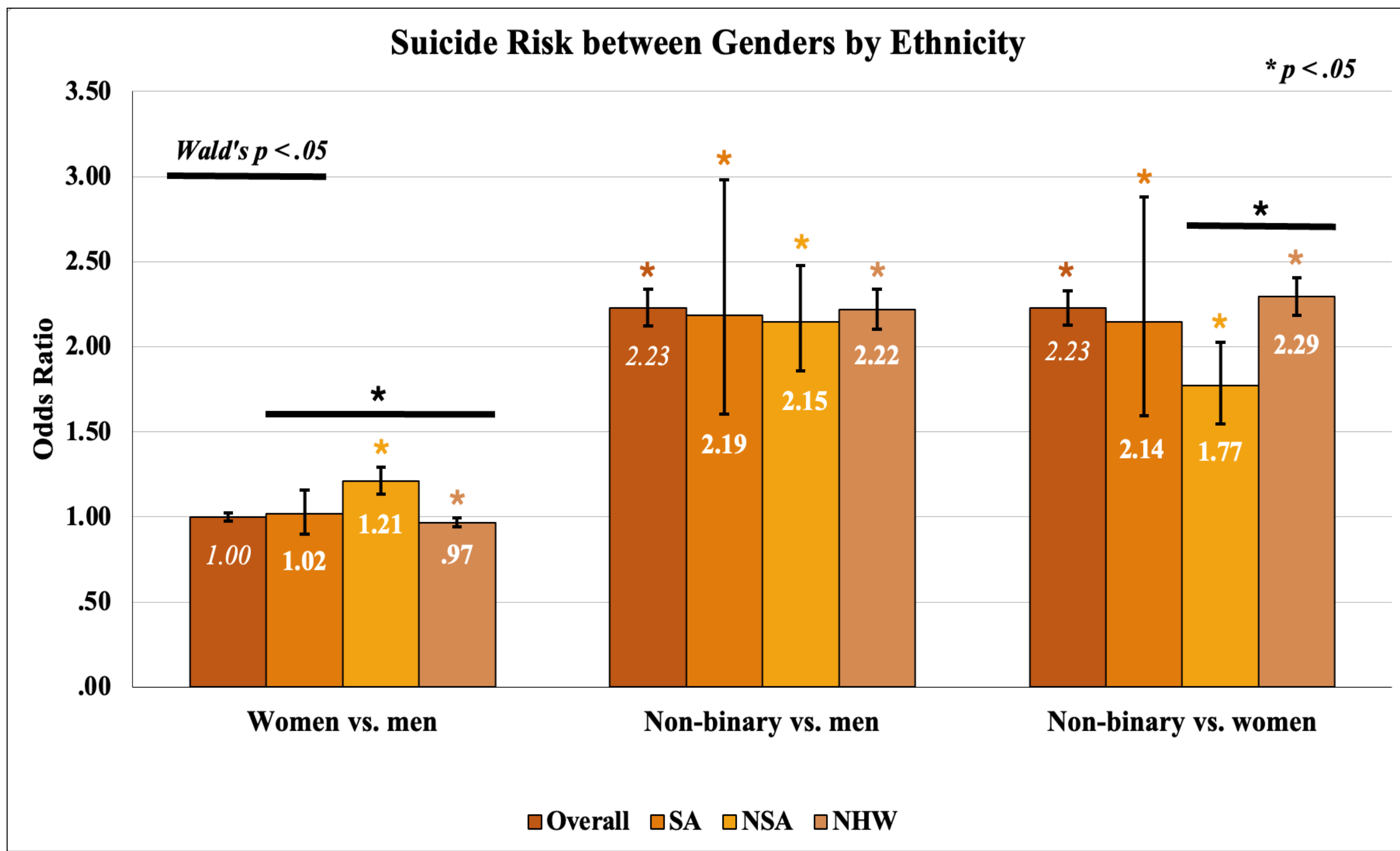


Figure 2. Relative odds ratio of suicide risk between genders by ethnicity demonstrating comparative risk informed by gender moderation.

Table 3. Wald’s Test for Gender Differences Across SA, NSA, and NHW Groups			
	SA vs. NSA	NSA vs. NHW	SA vs. NHW
Women x Men	8.53* (p = 0.0035)	82.56* (p = 0.00)	4.09* (p = 0.043)
Non-Binary x Men	0.02 (p = 0.8943)	0.40 (p = 0.5290)	0.07 (p = 0.7907)
Non-Binary x Women	2.33 (p = 0.1271)	30.83* (p = 0.00)	1.91 (p = 0.1674)

Conclusion

This study found that South Asian (SA) college students had lower suicide risk than Non-Hispanic White (NHW) students and significantly differed from Asian students of Non-South Asian (NSA) origin, who exhibited the highest risk among the three.

Gender moderated suicide risk for NHW and NSA students, but not for SA students, suggesting that gender differences in suicide risk operate differentially among Asian subgroups.

Among South Asian students, non-binary individuals showed higher suicide risk than both SA women and men. Interestingly, relative suicide risk among non-binary students vs. women was less extreme among NSA students compared to the other ethnic groups. NHW non-binary students consistently had the highest risk, suggesting a stronger moderating effect of non-binary identity in this ethnic group.

These findings highlight the importance of disaggregating Asian subgroups, as South Asian students show unique patterns in suicide risk that are not captured when Asian groups are combined.

Acknowledgement

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References

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Title of the Research Project

Descriptor of Project

Name, Department, School, Email

Introduction

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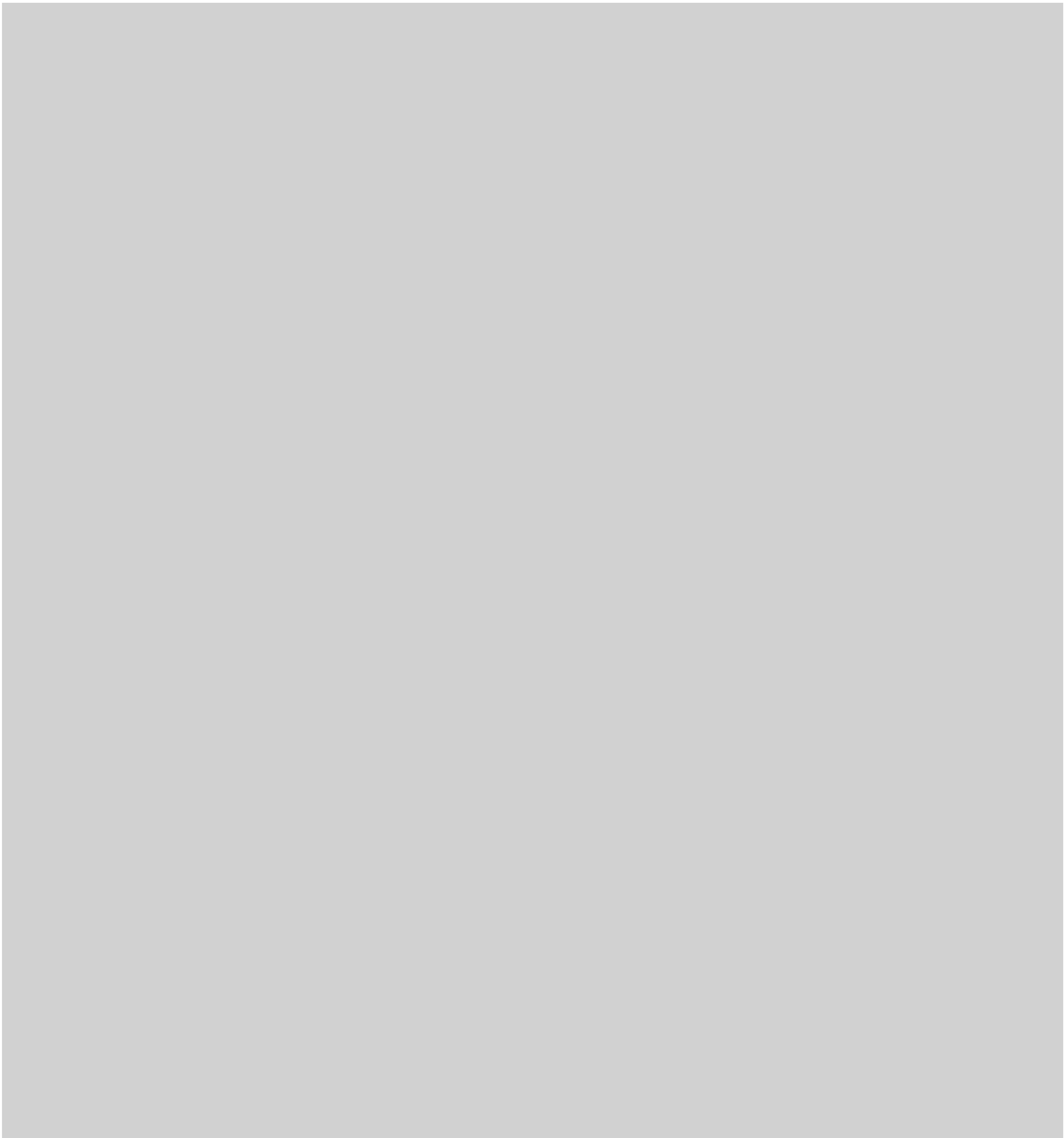
Research Goal

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Results



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Conclusion

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How to Use:

- Fill in your copy and content to fit into the poster.
- Maintain the use of the Healthyhorns brand palette in particular primary to secondary colors with limited use of tertiary colors. Use the default font (Aptos or comparable).
- Customize the header points and associated content while maintaining the structure of the model.
- Use the appropriate departmental signature and maintain the size/proportion.
- Use the graphical tools within PowerPoint to maintain vector graphic integrity (resolution independent) which is best for printing. Note: photos will need to be high resolution (300ppi at 100% size) to avoid interpolation (pixelation) when printed.

Size and Resize:

- Default size is 48” wide x 36” tall.
- To change the size, go to “Design” > “Slide Size” > “Custom Slide Size” and select “Ensure Fit” to not lose content from the viewable area.
- 56” wide x 56” tall is the maximum size; if a larger size is needed, proportionally scale down, e.g., needed poster size: 72” wide x 42” tall.
Resize slide size: 36” wide x 21” tall (50% scale), then print at 200% (final size 72” x 42”)

Save as PDF for Printing:

1. Click “Save” before the next step.
2. Then, go to “File” > “Save As” > select “.pdf” (file type).
3. Then, click “more options...” .
4. Then, click “Options” button to set:
Slide from “1” to “1” (to exclude this page)
Check “Include ink”
Check “PDF/A compliant”
Click “OK” to save setting.
5. Select “Standard (online publishing and printing).”
6. Change the file name, if needed.
7. Click “Save” when done.

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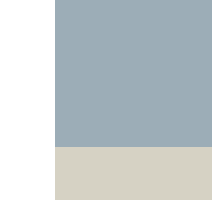
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Primary



Secondary



Tertiary

