## Background

Previous literature on public opinion has identified general societal distrust of AI, especially since AI is predicted to drastically impact the workforce.

• In a 2023 survey, 52% of Americans express greater concern than excitement toward Al (Pew Research Center, 2023)

Those valuing stability have a greater aversion to AI.

Social conservatism, defined as having values of stability and tradition, predicts aversion to Al algorithms (Castelo & Ward, 2023)

However, this research has not been extended to college students yet. Since college students are slated to enter the workforce facing the initial reverberations of AI, it is imperative to analyze the following research question:

How does self-reported risk toleration among college students impact views toward AI?

	Very Excited	Slightly Excited	Neutral	Slightly Concerned	Very Concerned	
Low Risk	0	6.45%	3.22%	9.68%	6.45%	
Med. Risk	0	8.06%	14.52%	22.58%	1.61%	
High Risk	0	6.45%	6.45%	9.68%	4.84%	

Figure 1: Crosstabulation of Risk Toleration Against Views of Al

# **Risk Toleration & Public Opinion on Al** Michelle Liu

## Methods

The study surveyed UNC students from Nov. 1 to Dec. 5, 2023. A total of 64 students responded.

Main Dependent Variable:

- "Overall, would you say the increased use of artificial intelligence (AI) in daily life makes you feel...?"
  - Likert scale from Pew Research Center

Main Independent Variable:

- "Are you generally a person who is willing to take risks or do you try to avoid taking risks?"
  - 11-point scale response from SOEP

### Analytic Strategy

• Chi-square

No response

First-year

Junior

Senior

Sophomore

Student Classification

Bivariate & multivariate regressions

Figure 2: Demograp	hic Chara			
Demographics Characteristics (N=64)				
Variable	Mean or %			
Gender				
Female	66%			
Male	30%			
Third Gender / Nonbinary	2%			
No response	3%			
Race				
White	55%			
Black or African American	3%			
Asian	36%			
Hispanic	0%			
Native American	0%			
Mixed	2%			
Other	2%			

3%

0%

11%

28%

58%

3%

No response \*Values are rounded to the nearest percentage.

acteristics of Sample

SD

Fig

Intercept

**Risk:** Low Risk

Medium Risk

Gender: Female

Nonbinary / Third Gender

Race: Black or African American

Asian

Mixed

Other

**Class year:** Third year

Fourth year

Standard errors are give rounded to the hundred \* = p < .05, \*\* = p < .00

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### References

- Castelo, N., & Ward, A. consequential Artificial https://doi.org/10.137
- German Socio-Econom Series A – Survey Instr October 9, 2023, from DIW Berlin website: diw ssp1207.pdf



### Results

	tivariate Regression Results				
Bivariate Regression	Multivariate Regression				
3.471***	3.268***				
(0.238)	(0.439)				
0.154	-0.051				
(0.342)	(0.36)				
0.001	0.000				
-0.091	-0.088				
(0.3)	(0.317)				
	0.201				
	0.301				
	(0.286)				
	0.82				
	(1.065)				
	-1.813*				
	(0.725)				
	-0.142				
	(0.287)				
	-0.528				
	(1.04)				
	-1.812				
	(0.992)				
	-0.041				
	(0.469)				
	0.331				
	(0.433)				
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A. F. (2021). Conservatism predicts aversion to					
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