

Knowledge on Type 2 Diabetes Risk Factors and Physical Activity Among UCSD College Students

Background

- Type 2 diabetes (T2D) affects over 422 million people globally and prevalence of this disease continues to increase ¹
- College students' sedentary behaviors pose a significant problem, as low fitness habits developed in young adulthood are associated with greater lifetime risk of developing chronic conditions such as T2D²
- Multiple studies demonstrate a lack of knowledge regarding T2D risk factors, resulting in a reluctance to prioritize preventative lifestyle behaviors into daily routines ³
- Studies have not yet measured the possible association between T2D knowledge and its impact on exercise. However, studies did reveal that students' personal perceived risk of developing T2D is low ^{4,5}

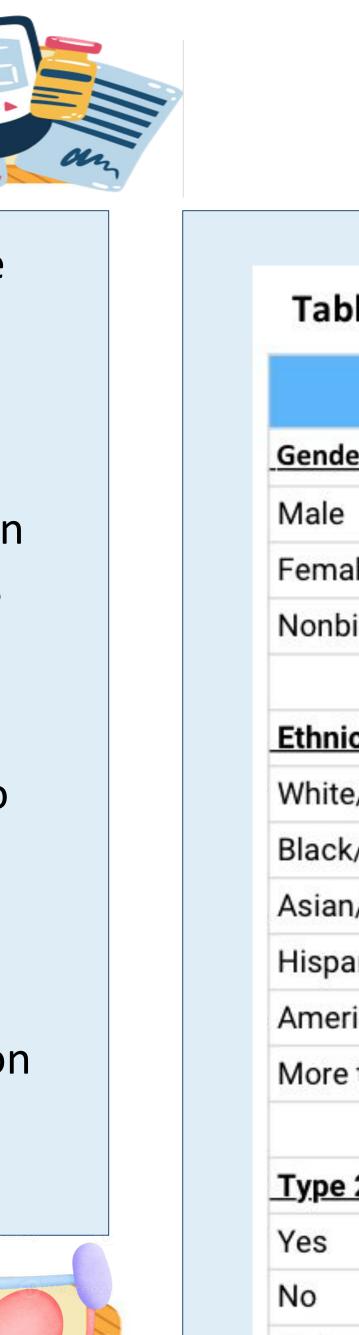
Objectives

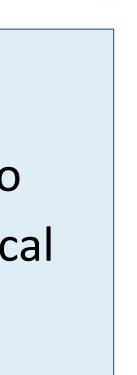
• To assess knowledge on the impacts of exercise on T2D and perceived risk amongst college students to determine if this is associated with students' physical activity behaviors.

Methods

- An anonymous self-administered survey conducted online via Google Forms
- Survey was distributed to participants via platforms such as Instagram, Snapchat, Facebook, and Reddit
- Survey asked participants questions regarding basic demographics, knowledge of T2D, perceived risk, and lifestyle behaviors related to physical activity
- SPSS was used for data analyses, including Pearson's Correlation, linear regression and descriptive statistics

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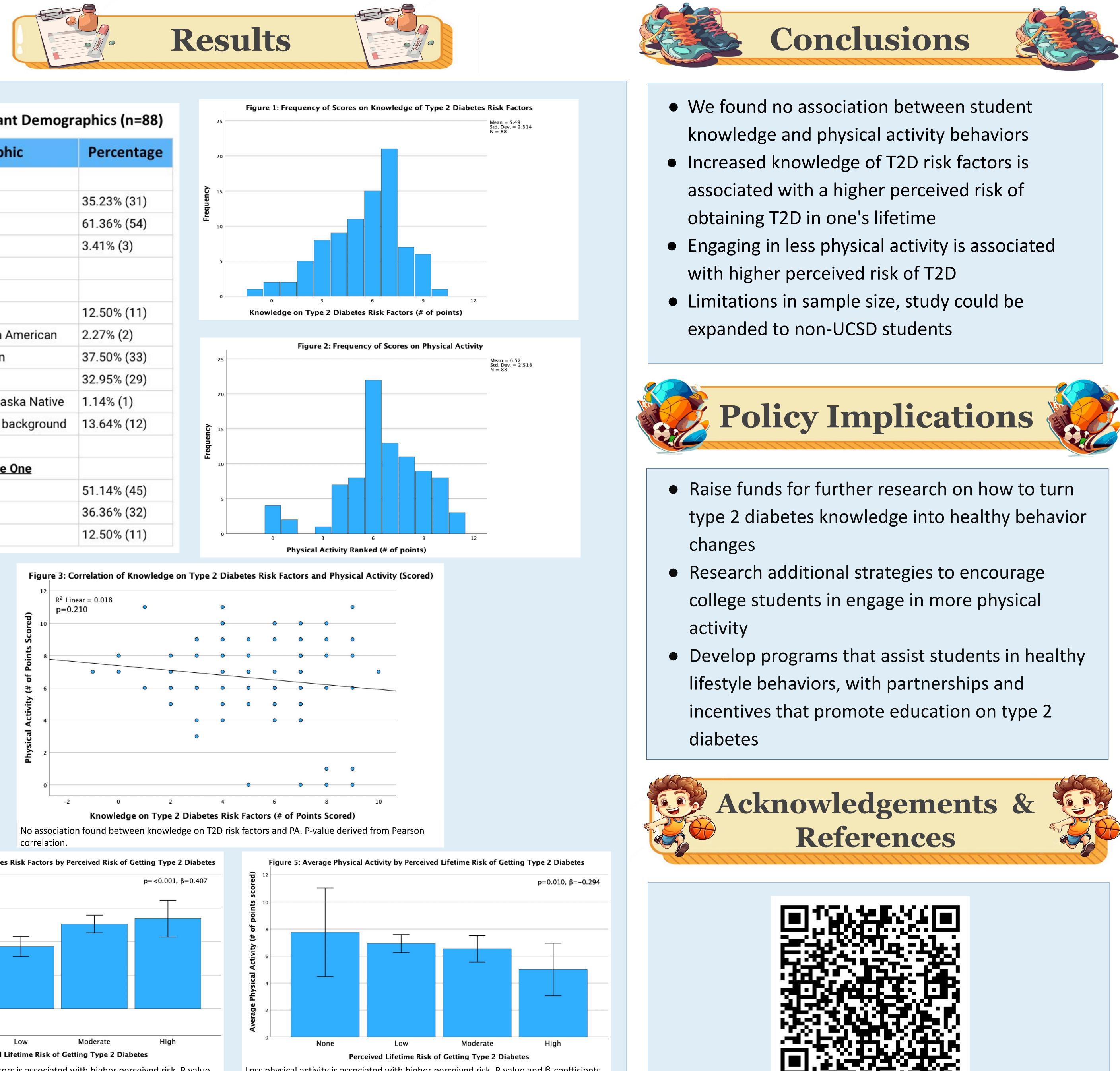


Table 1: Participant Demographics (n=88)	
Demographic	Percentage
Gender Identity	
Male	35.23% (31)
Female	61.36% (54)
Nonbinary	3.41% (3)
Ethnic Background	
White/Caucasian	12.50% (11)
Black/African/African American	2.27% (2)
Asian/Asian American	37.50% (33)
Hispanic or Latino	32.95% (29)
American Indian or Alaska Native	1.14% (1)
More than one ethnic background	13.64% (12)
Type 2 Diabetes Close One	
Yes	51.14% (45)
No	36.36% (32)
Not sure	12.50% (11)





and β -coefficients derived from linear regression. Error bars: 95% Cl.

derived from linear regression. Error bars: 95% CI.

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