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## The relationship between psychiatric symptomatology types and difficulties with activity caused by a nervous system or sensory organ condition among Latinx's

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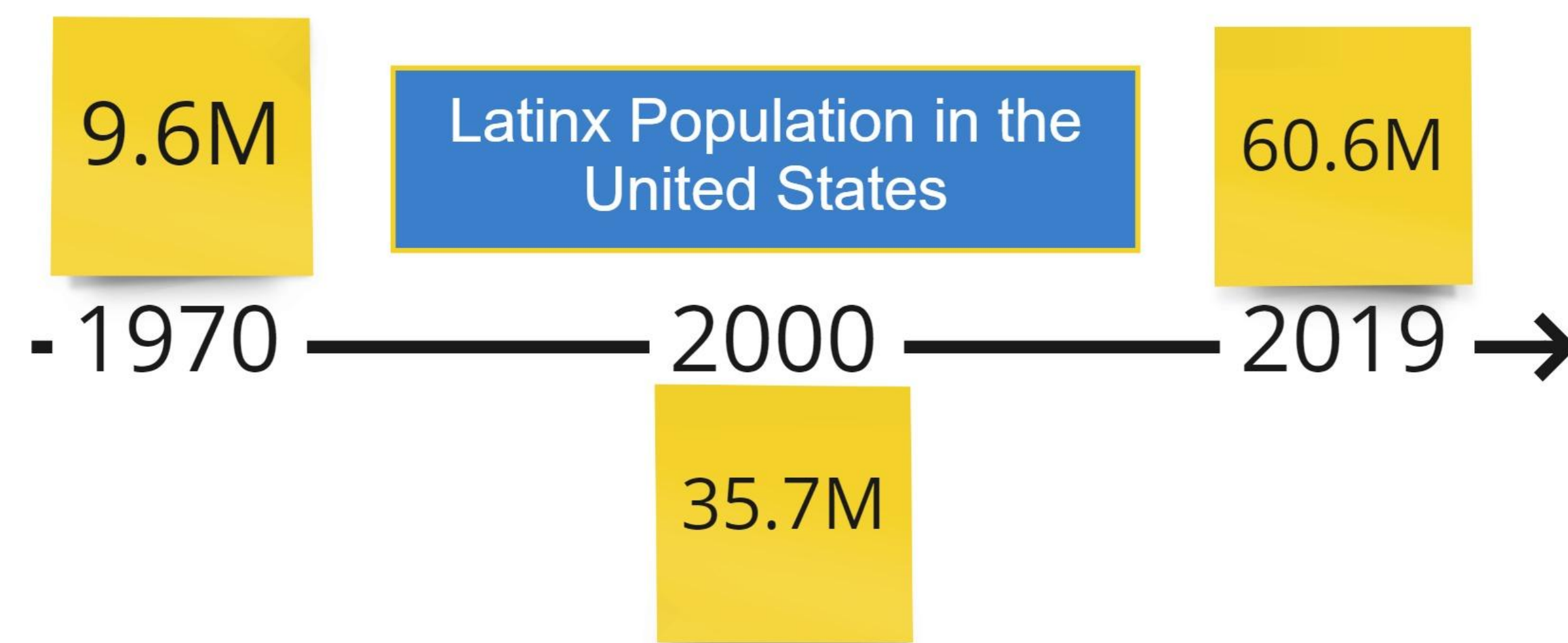
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# The relationship between psychiatric symptomatology types and difficulties with activity caused by a nervous system or sensory organ condition among Latinx's.

## BACKGROUND

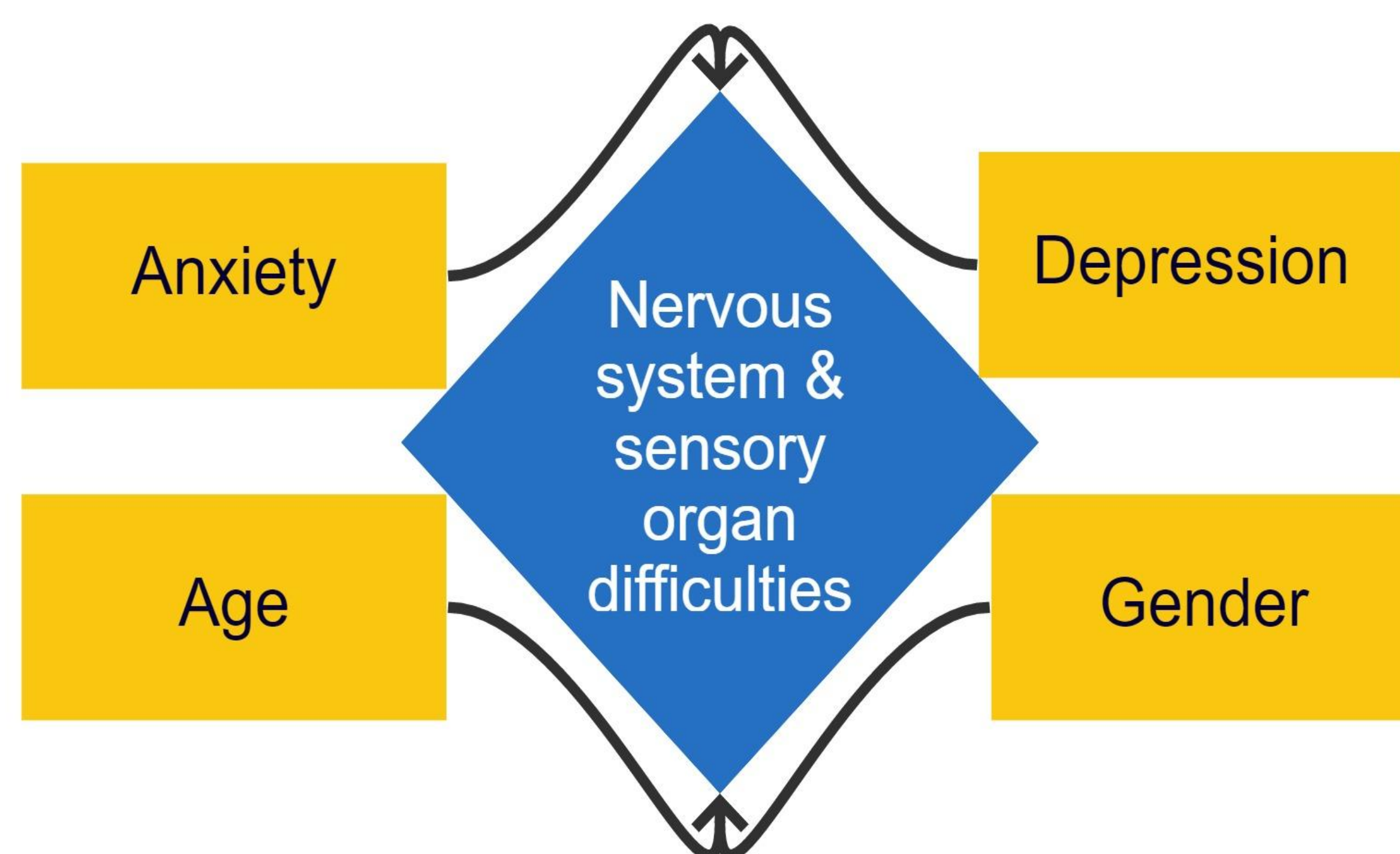
- Individuals with medical conditions and chronic illnesses are often underdiagnosed and not treated for mental health conditions which commonly co-occur with their health problems.
- The Latinx community, around an estimated 60.6 million of the U.S. population as of 2019, is especially underrepresented in mental and general health care literature.



- Researchers have found a high correlation between scores of depression and anxiety with nervous system, and sensory organ conditions such as migraines, peripheral nerve lesions, and fibromyalgia.

## PRESENT STUDY

- This study aims to explore the relationship between the psychiatric symptomatology of depression and anxiety and difficulties with activity caused by nervous system or sensory organ conditions within Latinx adults.
- Exploring the relationship between mental health and physical health is imperative for identifying better practices and innovative ways to respond to healthcare needs.



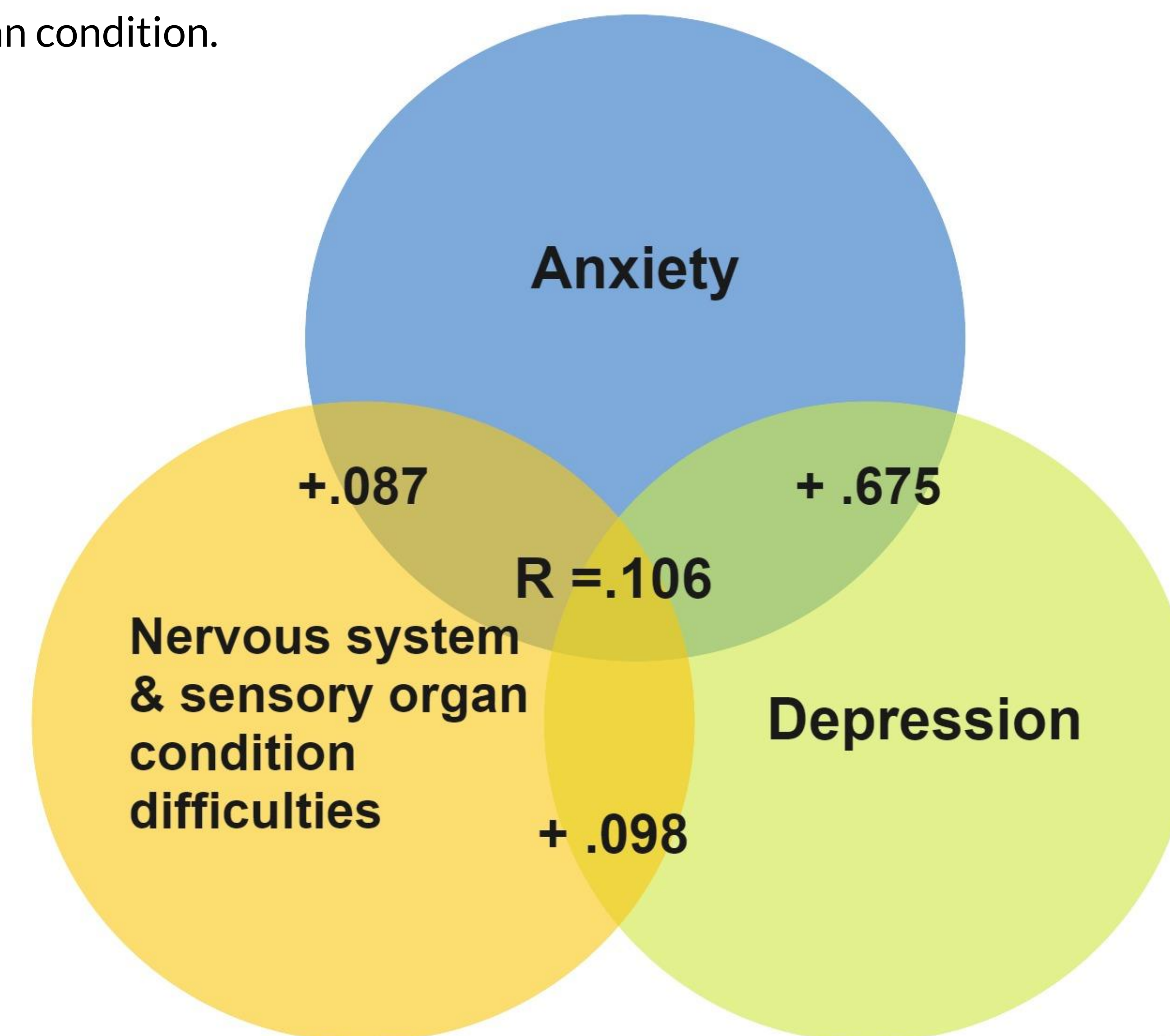
## METHODS

- The sample for this study was drawn from the Health Interview Survey (NHIS, 2019). See chart below for a breakdown of participants' age and sex.
- Anxiety was measured using the Generalized Anxiety Disorder scale (GAD-7) and depression was measured by the Depressive Disorder Scale (PHQ-8).
- Bivariate analyses and a multiple regression analysis were performed to examine the relationship between psychiatric symptoms (i.e., depression and anxiety) and difficulties with activity caused by nervous system and sensory organ conditions.

Participants	Age	Sex
N = 983	M = 55.87 SD = 17.62	F = 66.2% M = 33.8%

## RESULTS

- The correlation between anxiety and depression (respectively) and difficulties with activity from nervous system or sensory organ conditions was statistically significant,  $r(947) = +.087$ , ( $p < .05$ ) and  $r(947) = +.098$ , ( $p < .05$ ).
- Analyses found that participants who experienced **higher** frequencies of **anxiety and depression** also experienced **greater difficulties** with activity from a nervous system or sensory organ condition.



## RESULTS CONTINUED

- The overall regression, including four predictors (anxiety, depression, age, and gender), was statistically significant,  $R = .106$ , ( $F(4, 945) = 2.66$ ,  $p < .05$ ) with an  $R^2 = .011$ .

## DISCUSSION

- This study supports the need for broader integrated mental health treatment in the medical field for individuals.
- This research also supports the importance of integrating mental health care with physical health care for the Latinx population which may be a preferable and culturally responsive approach.

## FUTURE DIRECTIONS

- Future research should examine more specific factors which influence the pathway from anxiety and depression to nervous system and sensory organ difficulties.

## REFERENCES

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