# Factors Associated with COVID-19 Vaccine Uptake in a US/Mexico Border Community

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#### **BACKGROUND**

- \* Disparities in COVID-19 vaccine uptake have exacerbated health inequities among populations disproportionately affected by the COVID-19 pandemic.
- \* Throughout the pandemic, the highest case rates of COVID-19 in San Diego County were reported in the San Ysidro community.
- \* Understanding vaccine uptake patterns and reasons for vaccine hesitancy are key to building effective public health messaging.

## **OBJECTIVE**

\* To identify individual-level factors associated with COVID-19 vaccine uptake in a large cross-sectional sample collected in a border community.

## RESEARCH PROJECT

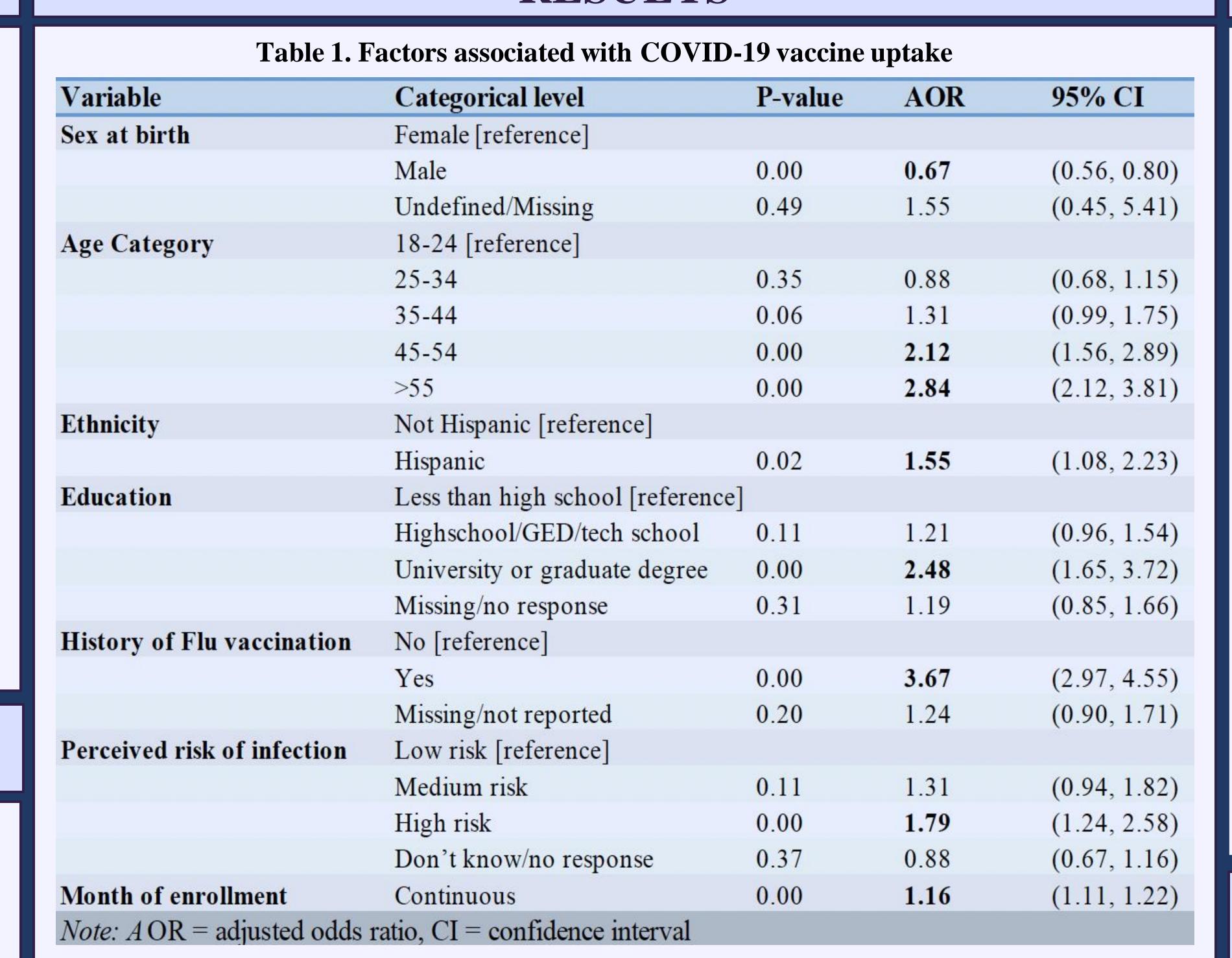
\* Community-driven Optimization of COVID-19 testing to Reach and Engage underserved Areas for Testing Equity, in Women and Children is a project funded by the National Institutes of Health (NIH) Rapid Acceleration of Diagnostics for Underserved Populations (RADx-UP) program.



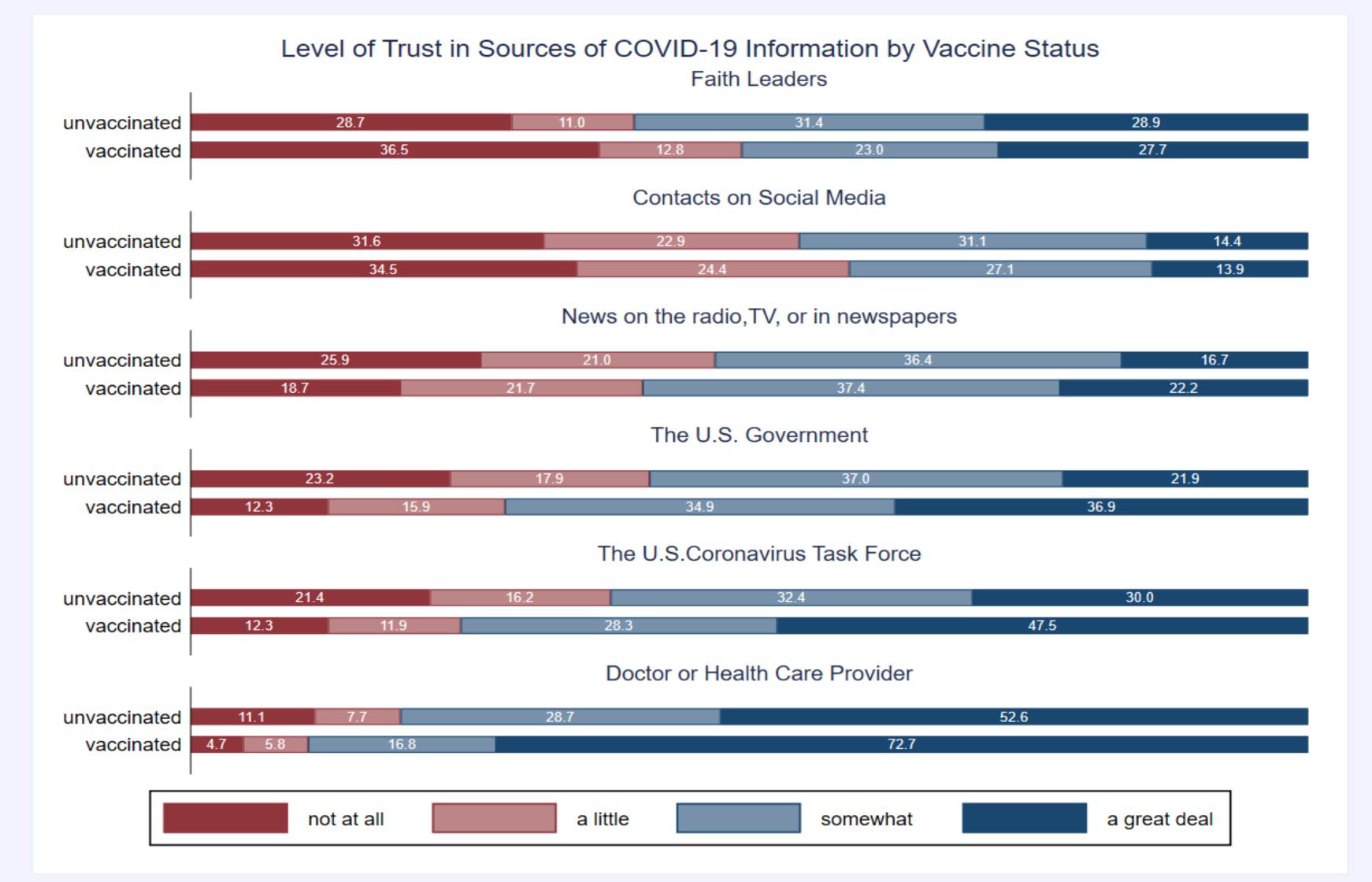




#### RESULTS



#### Figure 1. Level of trust in sources of COVID-19 information by vaccine status



## METHODS & POPULATION

- ❖ Data were extracted from a 176-item survey conducted as part of a parent study focused on the co-creation of a COVID-19 testing program for underserved communities.
- San Ysidro is a predominantly low-income city located along the US/Mexico border.
- ❖ 94.4% self-reported as Hispanic/Latino in our sample.
- ❖ Between May 1, 2021 and April 30, 2022, 4,964 responses met the inclusion criteria for this study and were included in the analyses.
- **44%** of the sample are female sex.

#### CONCLUSIONS

- Demographic and personal factors associated with uptake of at least one COVID-19 vaccine included prior influenza vaccination, older age, higher education, Hispanic/Latino(a) ethnicity, and female sex.
- Trust factors associated with uptake of at least one COVID-19 vaccine included less trust in **faith leaders**, **social media contacts** and **traditional news sources**.

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