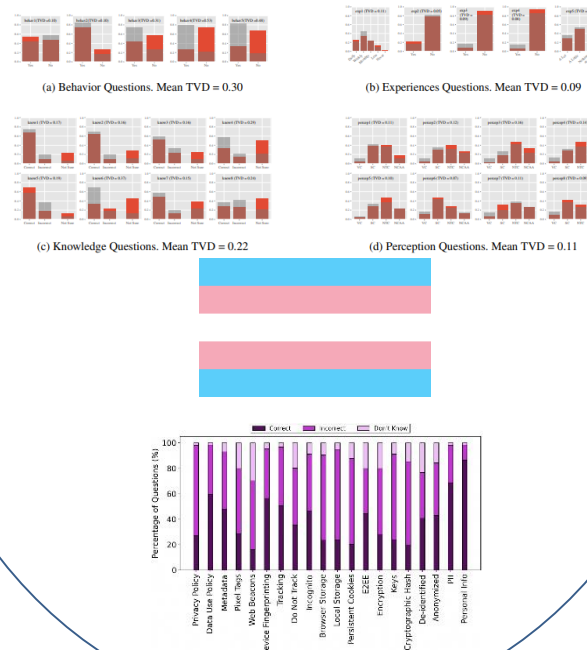# Understanding and Addressing the Security and Privacy Needs of At-Risk Populations

Challenge:

- Marginalized and key populations such as transgender people and activists face unique security and privacy challenges

Solution:

- Qualitative, quantitative, and collaborative design work with key populations
- Survey and design methods research for best practices

(a) Behavior Questions. Mean TVD = 0.30

(b) Experiences Questions. Mean TVD = 0.09

(c) Knowledge Questions. Mean TVD = 0.22

(d) Perception Questions. Mean TVD = 0.11

Scientific Impact:

- Uncover and quantify risk models and opportunities for design
- Generalize lessons from certain marginalized population to many others
- Validate new designs with real users

Broader Impact and Broader Participation:

- More inclusively designed technology protects us all
- Democratic processes function better when all are protected
- Collaborations with community organizations