



Improving Refugees Access to Employment

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December 15, 2021

Opportunity

Motivation

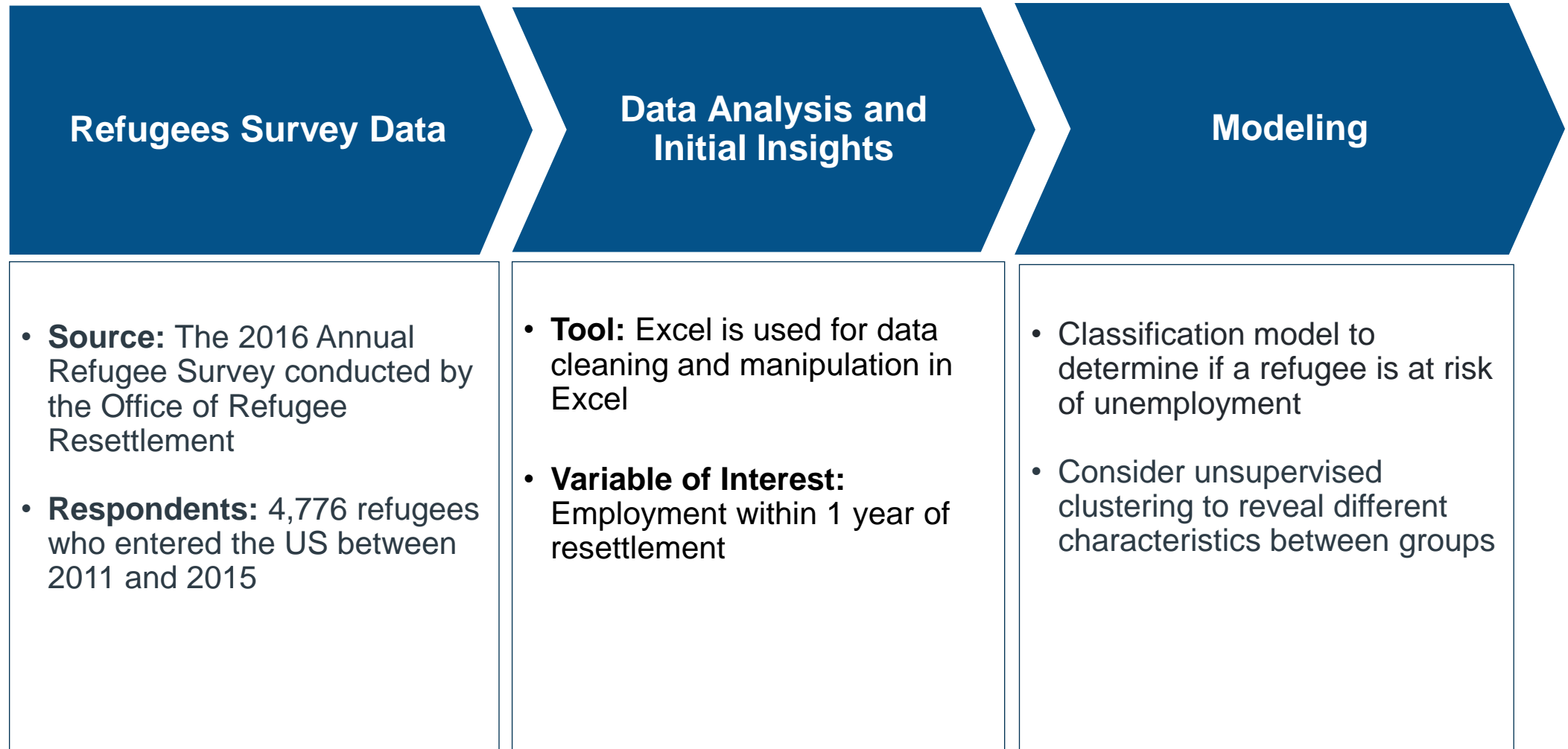
- UNHCR helps tens of thousands of refugees each year to resettle in different countries around the world.
- Data usually shows a “refugee gap” when comparing resettled refugees to other immigrants in terms of labor market integration.
- Refugees tend to struggle to find jobs especially in the short term.

Objective

- By identifying refugees most likely to face difficulties joining the work force, UNHCR can prioritize resources and trainings to target those individuals

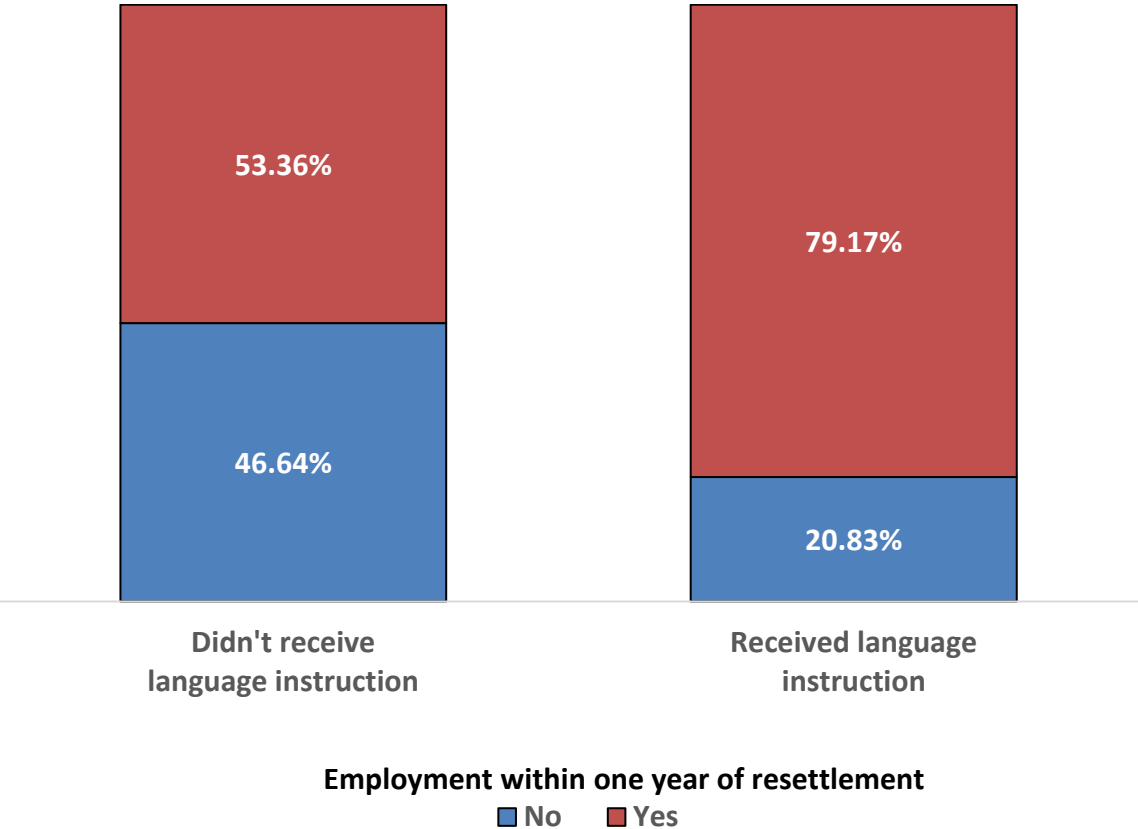


Methodology

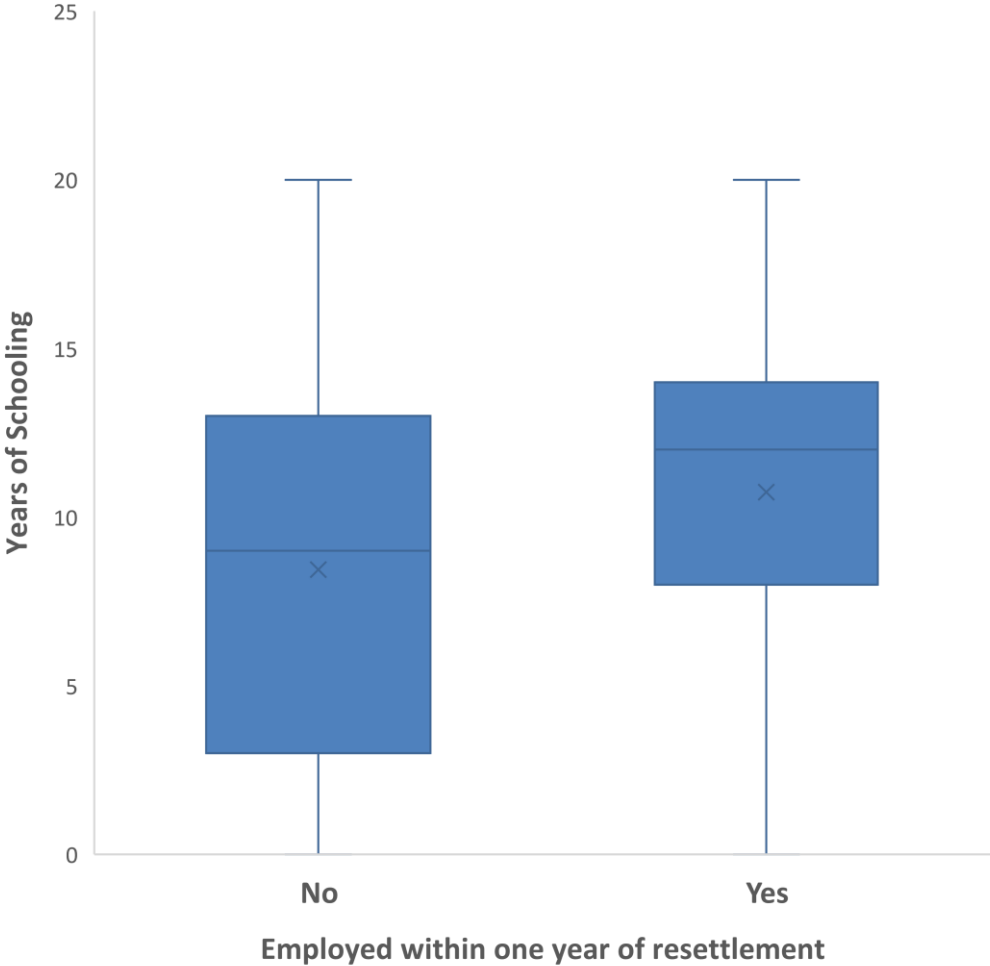


Insights

Among refugees who indicated they didn't have good english proficiency when they arrived to the US, those who received language instruction were more likely to find employment within the first year

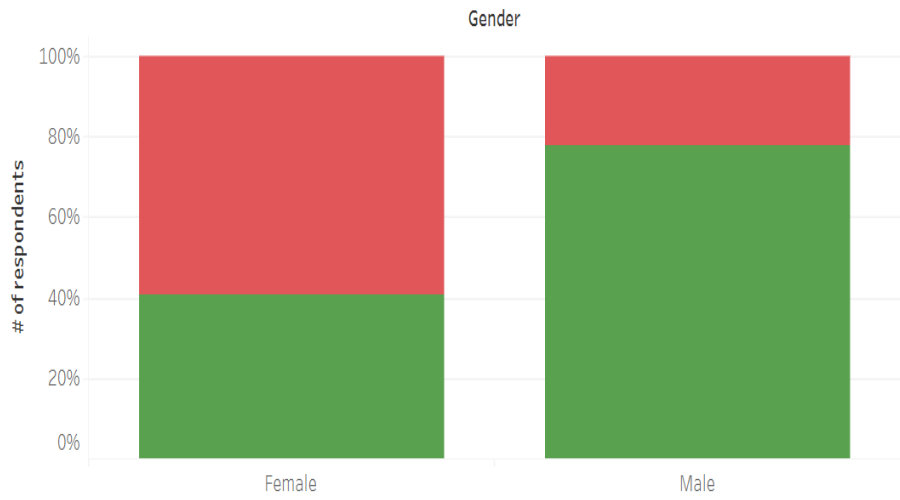


Average Years of Schooling by Employment Status



Individual Attributes Affecting Employment Opportunity

Females are less likely to find employment within the first year of resettlement



Job within 1 yr

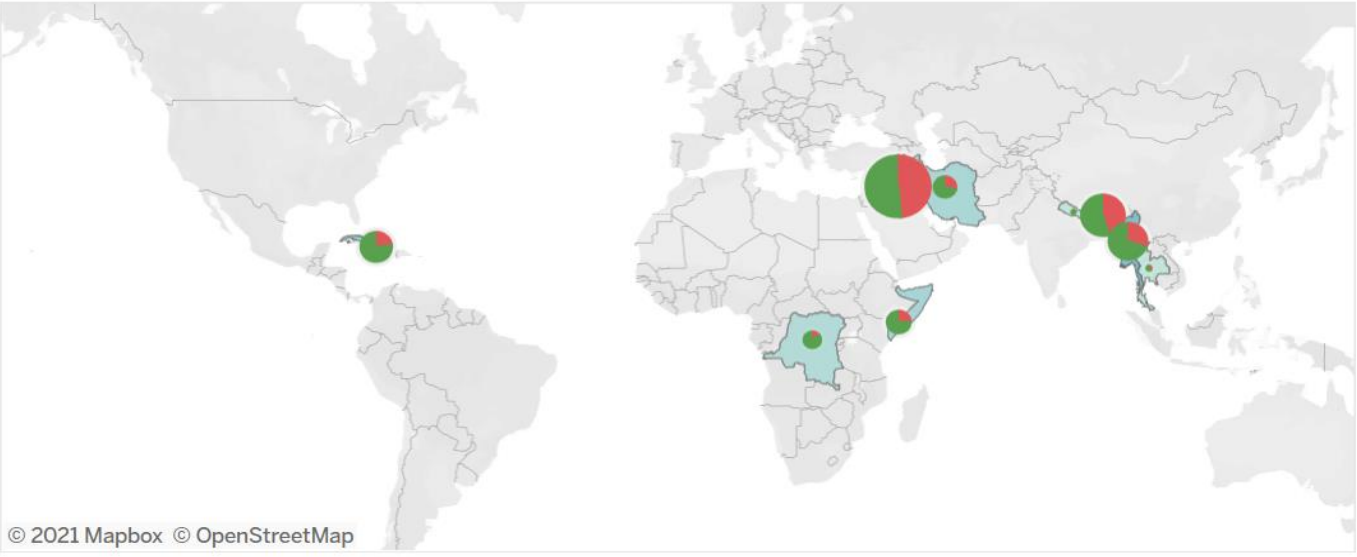
No

Yes

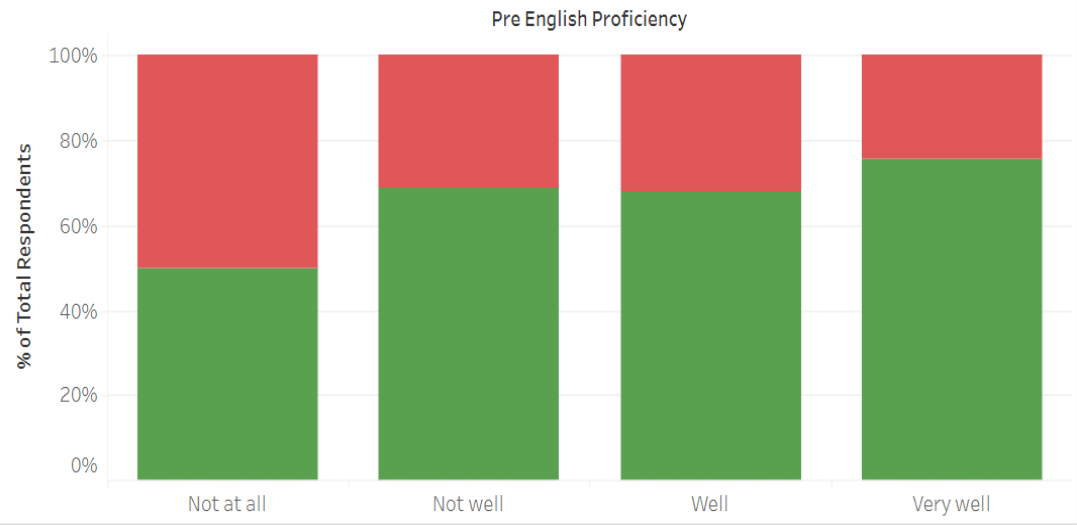
Country of Birth

- ☒ (All)
- ☒ Bhutan
- ☒ Burma
- ☒ Cuba
- ☒ Democratic Repu.
- ☒ Don't know
- ☒ Iran
- ☒ Iraq
- ☒ Nepal
- ☒ Other
- ☒ Refused
- ☒ Somalia
- ☒ Thailand

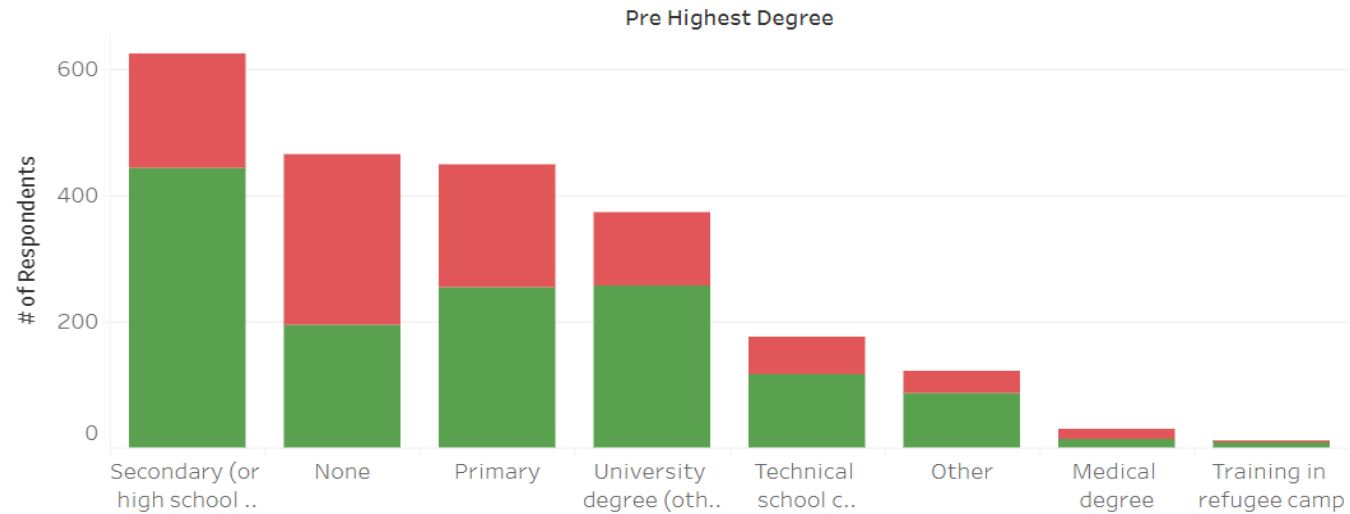
Survey Respondents by Country of Birth



English Proficiency vs Employment Chance



Highest Degree Achieved Before Resettlement



Conclusion

- Exploratory data analysis using the survey data suggests potential impact of individual features such as gender and education on refugees' employment chances when they first resettle
- **Risks:**
 - Survey data is hard to collect at large scale.
 - Data caveats: missing information, response bias
- **Future Work:**
 - Develop classification model to predict employment opportunity
 - Consider further model modification to help determine optimal resettlement destination