Push or Pull: The Influence of ICT on Emigration Flows

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Presentation Outline

- Research Question
- Theoretical Framework
- Methodology
- Descriptive Statistics
- Results
- Conclusion & Limitations
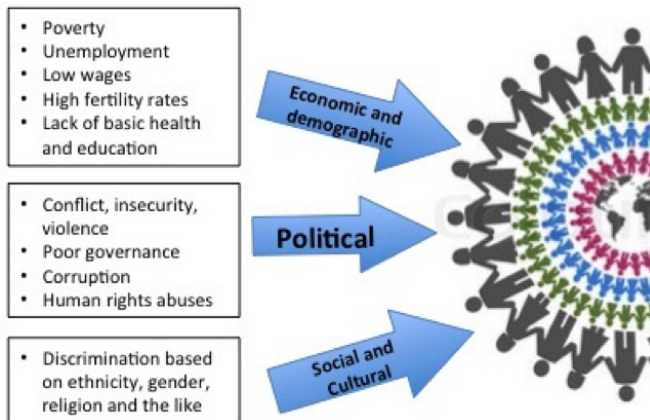
Motivation & Research Question

Computer mediated communication has created new possibilities for migrants to maintain strong linkages and ties with their home nations (Hiller, 2004)

1. We are interested in analysing the historical development of ICTs and its impact on migration
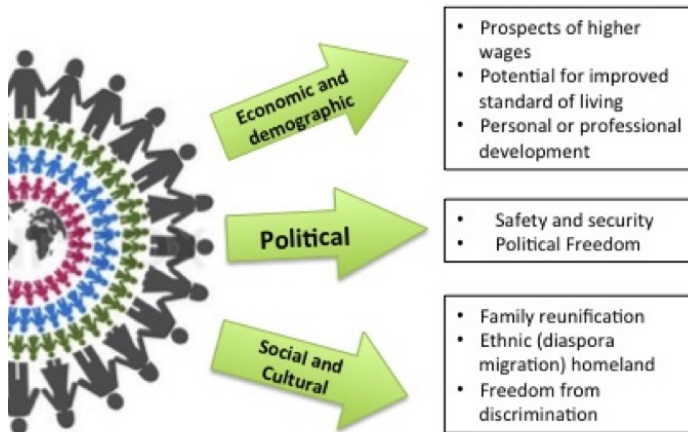
2.

Research Questions: Has the increase use of technologies, such as the Internet and mobile phones affected the flows of emigration?

Theoretical Framework - Push Factors

Theoretical Framework - Pull Factors

- Economic and demographic
  - Prospects of higher wages
  - Potential for improved standard of living
  - Personal or professional development

- Political
  - Safety and security
  - Political Freedom

- Social and Cultural
  - Family reunification
  - Ethnic (diaspora migration) homeland
  - Freedom from discrimination

Methodology

Model 1: Cellphone Users

$$I_{\frac{Migration}{Poptotal}} = \beta_0 + \beta_1 Cell + \beta_2 FertRate + \beta_3 PoliStab + \beta_4 EmployProb + \epsilon_{it}$$

Model 2: Internet Users

$$I_{\frac{Migration}{Poptotal}} = \beta_0 + \beta_1 Net + \beta_2 FertRate + \beta_3 PoliStab + \beta_4 EmployProb + \epsilon_{it}$$

Datasets:

- UN Migration Stock 1990-2013 and World Bank Indicators

Methodology:

- Panel regression with fixed effects

Descriptive Statistics

Slide with Plot

Results

Conclusion & Limitations