



# **Understanding Abortion Though Demographic Factors**

**An analysis on the occurrence of abortions vs. miscarriages across  
different female demographics**

Kyra Pahwa, Jenny Belton, Bervelyn Atampugre, Nithi Vechalapu

# TOPIC & MOTIVATION

★ **Research Q: How are age and education level associated with the prevalence of abortions v.s. miscarriages in women?**

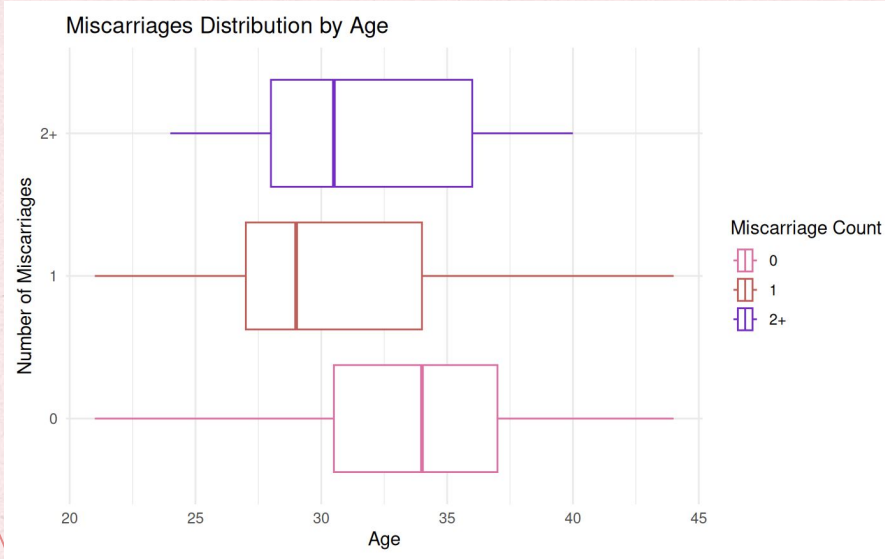
## Why?

- Huge research funding cuts ([NIH, 2026](#)).
- We believed our findings would highlight the differing medical abortion needs across groups, helping professionals provide more appropriate care.
- Recent abortion bans (2022).

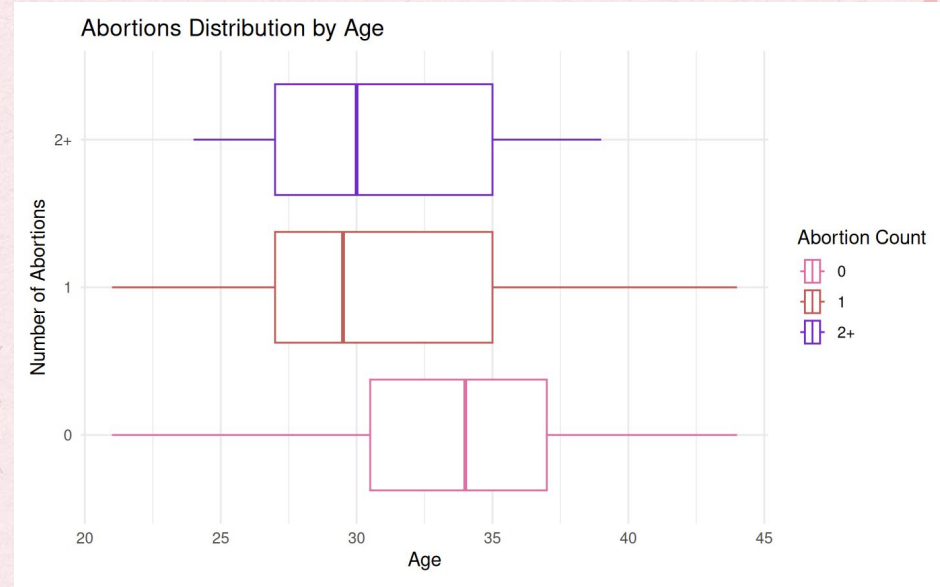
# INTRODUCTION OF DATA

- **Source:** International Journal of Obstetrics and Gynaecology
- Data collected by University of Athens Medical School
  - 83 women who have had at least one healthy pregnancy prior to this
- **Variables:**
  - Induced abortion
  - Spontaneous abortion
  - Age
  - Education level

# Miscarriages/Abortions Across Age

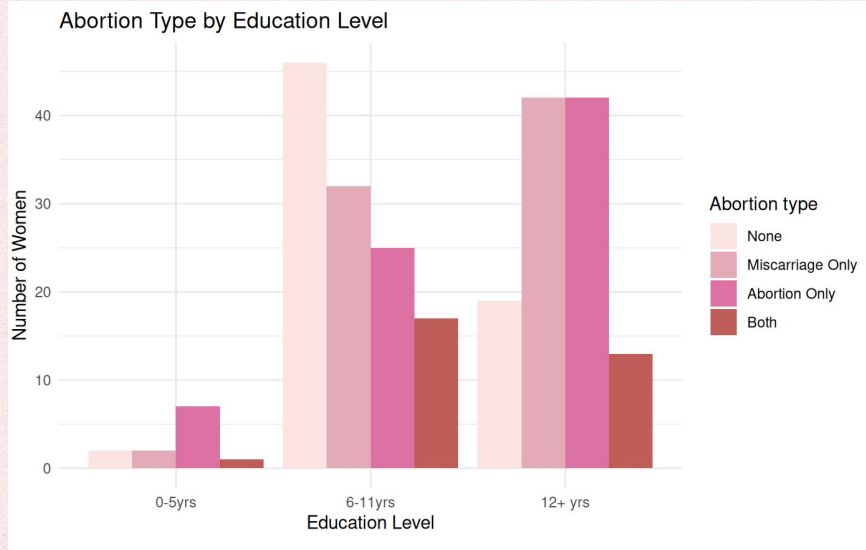


← Miscarriages

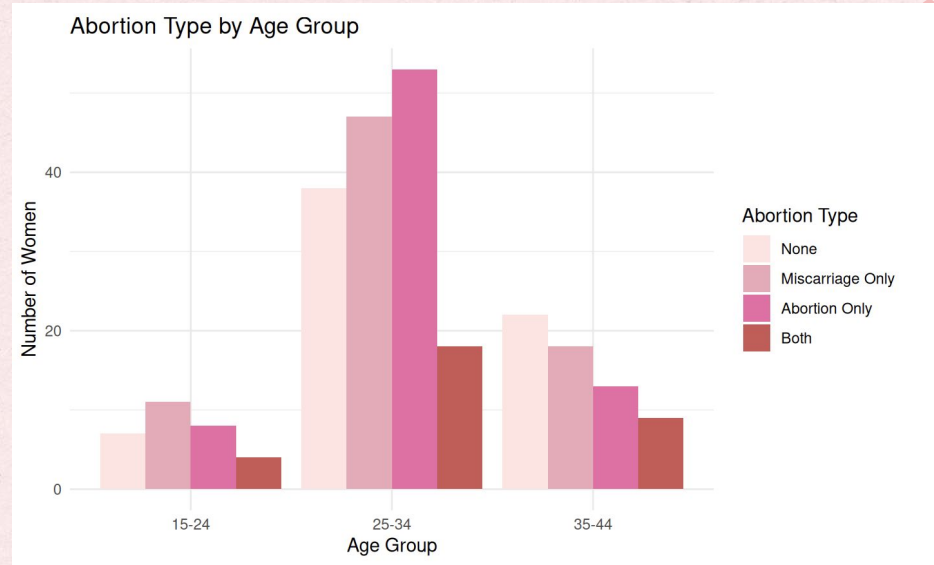


Abortions →

# Education and Age

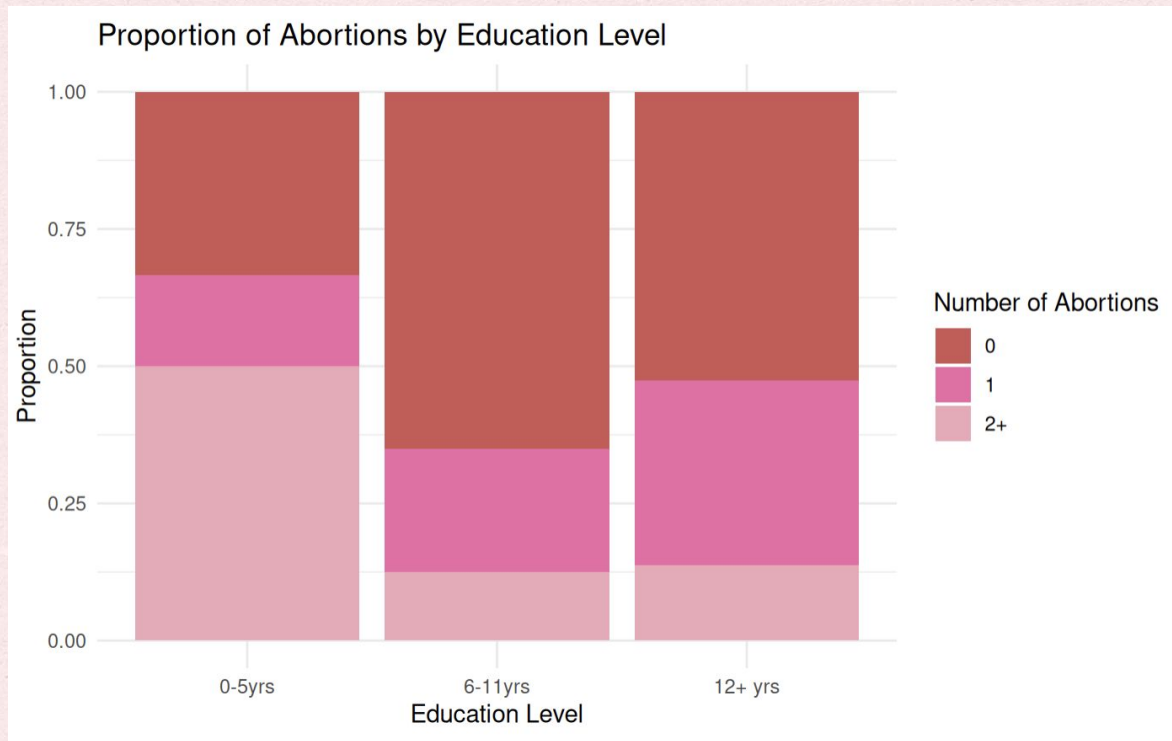


← Education



Age →

# Proportions by Education Level



# CONCLUSIONS, DISCUSSIONS & CRITIQUE

1

Education level was more telling than age

2

Policy implications:

- Focus education resources on 0-5 yrs.

3

Limitations:

- The amount of data for the education level between 0 to 5 years is limited
- Data from just one hospital