My title*

Impact Analysis of Japanese Occupation on Population Shifts Across Shanghai's Districts During WWII

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First sentence. Second sentence. Third sentence. Fourth sentence.

1 Introduction

Overview paragraph

Estimand paragraph

Results paragraph

Why it matters paragraph

Telegraphing paragraph: The remainder of this paper is structured as follows. Section **??**….

2 Data

2.1 Overview

We use the statistical programming language R (R Core Team 2023)…. Our data (Toronto Shelter & Support Services 2024)…. Following Alexander (2023), we consider…

2.2 Data Sources

- talk about where the data in my primary reference book is gathered
- mentions the credibility of source and instability of recording instrument & methodology

*Code and data are available at: https://github.com/Jingying-yu/Shanghai_population_change

2.3 Historical Background

Place: Shanghai, China

When: 1936-1942

Who: Chinese population in Shanghai

Define: 1. give 1-2 sentence broad overview of China's state of unrest 2.THREE districts in Shanghai: Chinese District, International Settlement, French Concession - who controlled each district and the level of governance each authority have in comparison to Chinese government 3.Outline area (%) of each district (do not get into specifics, put that in Results section)

Important Event Timeline

1. 1937-08-13: Japanese armed forces entered Shanghai

2. 1937-11-12: Japanese armed forces claims occupation of Shanghai –> ends Chinese district

3. 1942-01: Japanese armed forces claims authority over International Settlement (which was mainly under the governance of U.K and U.S prior to this date)

4. 1945-08-15: Japan surrendered in WWII

5. 1945-10: most Japanese armed forces withdrew from Shanghai

2.4 Measurement & Methodology

- how population is recorded
- Why choose 1936 - 1942 (ex. if an event occurred in Nov of 1937, would I take values of 1937 as a variable for prior to event occurrence or after?)

Survey Difficulties - Population Volatility caused by Warfare: Population is extreme volatile within this time period, population shifts constantly as proceed - Regional Recording Limitations: Survey response collect difficulty varies between districts. - Resistance due to Political Risk

Year	Pop CHN District	Pop IS	Pop FC

2.5 Variables of Interest

Table 1: Explanatory models of flight time based on wing width and wing length

Year	Pop CHN District	Pop IS	Pop FC
1936	2155717	1180969	477629
1937	2155717	1218630	477629
1938	2074693	1272552	504731
1939	2098331	1257703	495942
1940	1479726	1233394	477629
1941	957339	446692	835523
1942	1049403	1585673	854380

2.5.1 Outcome variable

- outcome variable is *population* with subscript of time (t) and district (i), where time range is between 1936-1942, and district is either: Chinese-administrated District, International Settlement, and French Concession. "population change in International Settlement during 1937-1942" measured in # of persons

2.5.2 Predictor variables

- Event indicators (dummy variables)

3 Model

The goal of our modelling strategy is to evaluate the impact of 2 historical events in Shanghai during WWII.

Here we briefly describe the Difference-in-Difference analysis model used to investigate the impact of the Japanese forces taking over the Chinese district and International Settlement in November 1937 and December 1941 on population shift between different Districts in Shanghai.

Background details and diagnostics are included in Appendix [Section **??**].