# 1. Import Relevant Worksheets:

Import the "Datasets" worksheet containing gross and net income data into STATA.

# 2. Descriptive Analysis:

Utilize the "A1 Descriptives" worksheet for initial descriptive statistics, focusing on variables such as year, region, and country.

# 3. Subset Selection:

Choose a subset of countries based on the research objectives.

Select a consistent range of years for analysis.

# 4. Time Series Analysis:

Given the focus on within-country analysis, employ panel data methods using a consistent selection of waves for the chosen countries.

Use commands like xtset to define the panel structure.

# 5. Gini Coefficient and Fiscal Redistribution Analysis:

Explore the "A2 Ginis and FRD" worksheet for Gini coefficients and overall fiscal redistribution measures within the chosen subset.

Analyze the extent to which taxes and social transfers contribute or counteract the widening gap between rich and poor.

# 6. Pivot Tables:

Utilize the "A1 Pivot," "A2 Pivot," "A3 Pivot," "A4 Pivot," and "A5 Pivot" worksheets for creating pivot tables specific to the chosen subset.

Aggregate and summarize data to facilitate analysis.

# 7. Target Efficiency Analysis:

Investigate the "A3 Budget size & Target" worksheet for information on the average size of social transfers and targeting efficiency within the chosen subset.

Assess the effectiveness of social transfers in addressing primary inequality.

# 8. Paradox of Redistribution:

Explore the redistributive power of different social programs within the chosen subset.

Examine whether there are instances of the "paradox of redistribution" where targeted social transfers may not effectively reduce poverty and inequality.

# 9. Graphs and Visualization:

Create graphs and visualizations using commands like twoway or graph export to illustrate trends and patterns within the chosen subset.

# 10. Documentation:

Clearly document your STATA code, subset selection rationale, and analysis steps.

Include interpretations of findings related to the widening gap, redistributive power, and paradox of redistribution within the chosen subset.

# 11. Review Supporting Worksheets:

If needed, refer to other worksheets like "A4 Budget size programs" for additional information on specific social transfer programs within the chosen subset.

# 12. Sample Size Consideration:

Ensure the chosen subset has a sufficiently large sample size for meaningful analysis. Adjust the subset if needed.