Many jobs are entitled to certain benefits, including some form of healthcare and insurance. But what about those that are not? Medicaid is an insurance program that provides free or low-cost health coverage for low income populations. As healthcare costs in the United States continue to be higher than those in many other countries, programs such as Medicaid play a crucial role in supporting lower-income citizens who may struggle to afford necessary medical care.

There is a new expansion policy for Medicaid! Currently, 41 states in the US have adopted the Medicaid expansion policy since its release in 2014 – with 21 of these states immediately accepting. This expansion policy increases the coverage for Medicaid enrollees for incomes up to 138% of the previous defined Federal Poverty Level under the Affordable Care Act [1].

The motivation behind this project is to determine whether the expansion of the Medicaid program in specific states correlates with a decrease in healthcare costs to civilians compared to states that did not adopt this policy. By analyzing Medicaid estimates for personal health care, you will uncover if the adoption of this policy will decrease the overall costs per citizen, and consequently, potential reasoning behind a state's opposition to the policy.

You are tasked with investigating a relationship between the adoption of the Medicaid expansion policy and personal healthcare costs using time analysis tools. Specifically, your deliverable is the source code and several graphics explaining All necessary materials can be found at https://github.com/kaylangu/DS4002-CS3. Good luck!

[1] Published: May 08, 2024. "Status of State Medicaid Expansion Decisions: Interactive Map." KFF, 8 May 2024, www.kff.org/affordable-care-act/issue-brief/status-of-state-medicaid-expansion-decisions-interactive-map/#:~:text=To%20date%2C%2041%20states%20.