

Reproducible Research [2400-DS2RR]

A Project Proposal for Reproducible Research

Team Members	
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Model	Econometric Panel Data Model
Article	<i>"An econometric study of the impact of economic growth and energy use on carbon emissions: Panel data evidence from fifty eight countries."</i> [https://www.sciencedirect.com/science/article/abs/pii/S1364032116000848]
A Short Description	<p>The aim of this project is to assess the validity of one of the published articles from a prominent publisher. namely, to check whether the published article is consistent or not.</p> <p>We decided to employ the reproducible research on the selected article because of the fact that there are many articles in the literature in order to investigate the relationship between energy consumption and energy use and their result is somehow contradictory. The relationship between energy consumption and carbon dioxide (indicator of environmental deterioration) observed differently due to either dataset or/and region. Considering all of the inconsistency it will be a great experience for us to check its validity.</p> <p>In terms of chosen article, the code of the author is not publicly available however the source of the dataset has been declared (not dataset itself, just source), which is align with the project requirements and the article has been published in https://www.sciencedirect.com/ in 2016.</p>
Data Source	Will be obtained from World Data Bank Indicator. http://data.worldbank.org/indicator
Program	We are planning to use R programming language for both acquiring the dataset and modeling.
Repository	RRProject_426246_437971_444130