

SSRP Report based on *Energy Saving May Kill: Evidence from the Fukushima Nuclear Accident* by He and Tanaka (2019)*

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Report

To reproduce figures from *Energy Saving May Kill: Evidence from the Fukushima Nuclear Accident* by He and Tanaka (2019), the statistical programming language R was used to acquire, clean, and process the data (R Core Team 2023). In particular, the following R packages were used: tidyverse (Wickham et al. 2019), readxl (Wickham and Bryan 2023), haven (Wickham, Miller, and Smith 2023), ggthemes (Arnold 2024), and ggplot2 (Wickham 2016).

Three figures from *Energy Saving May Kill: Evidence from the Fukushima Nuclear Accident* by He and Tanaka (2019) were reproduced:

- Figure 1 is a reproduction of Figure 1A. from He and Tanaka (2019).
- Figure 2 is a reproduction of Figure 1B. from He and Tanaka (2019).
- Figure 3 is a reproduction of Figure G1. from He and Tanaka (2019).

*Code and data are available at: <https://github.com/apang00/Energy-Policy.git>

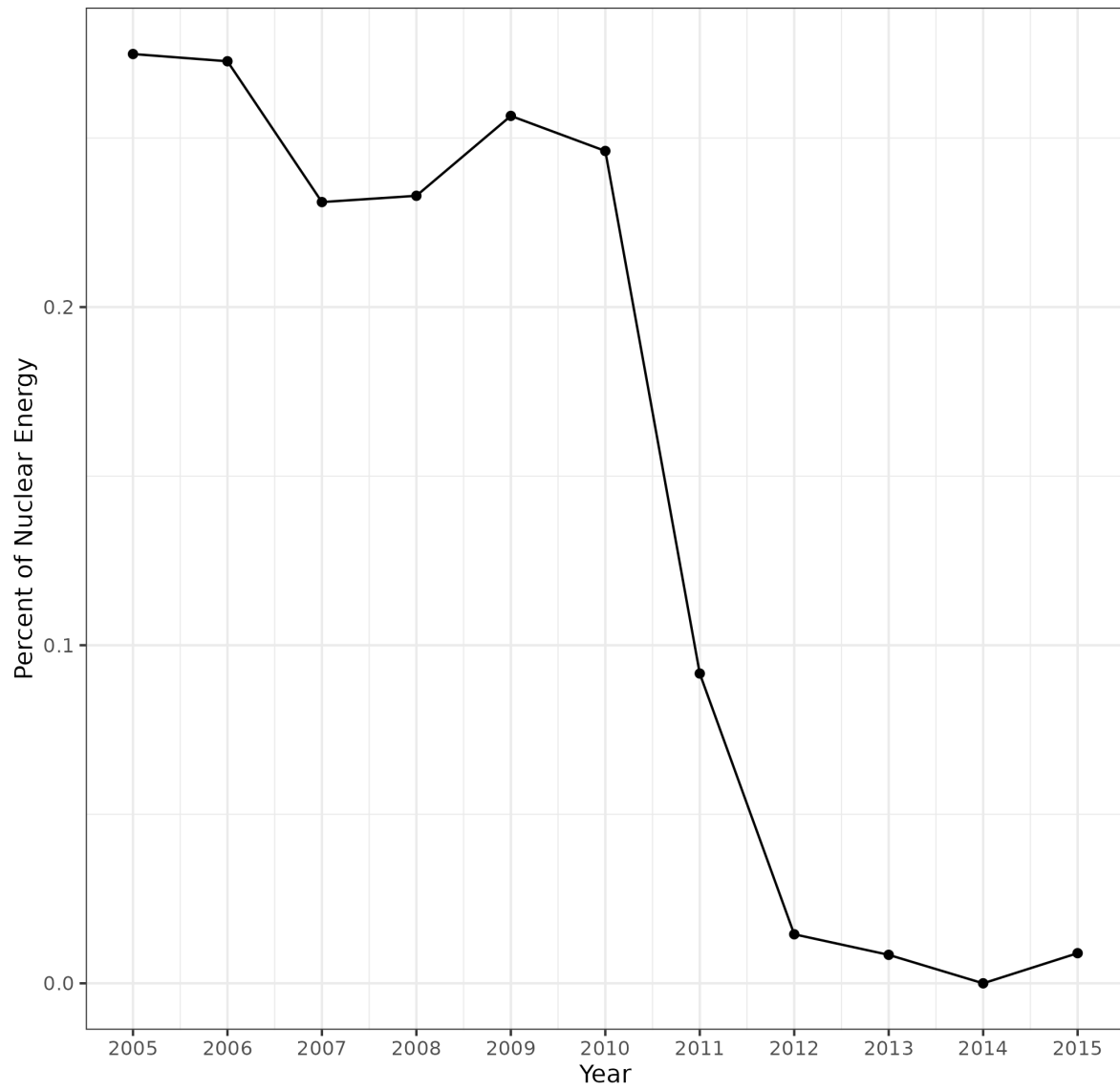


FIGURE 1: Domestic Nuclear Energy Production



FIGURE 2: Relative Electricity Consumption and Price

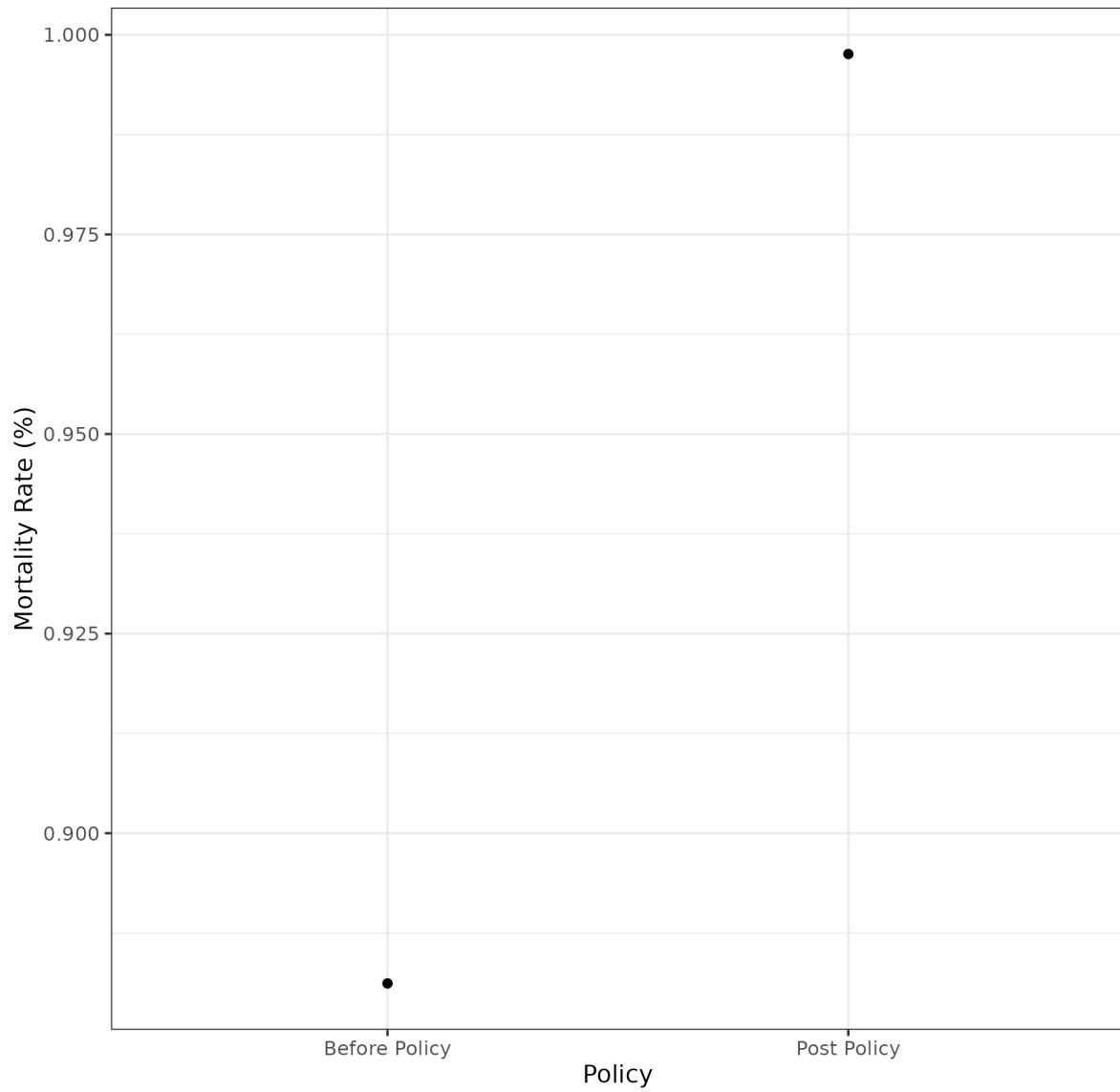


FIGURE 3: Mortality Rate and Energy Policy

References

- Arnold, Jeffrey B. 2024. *Ggthemes: Extra Themes, Scales and Geoms for 'Ggplot2'*. <https://jrnold.github.io/ggthemes/>.
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- Wickham, Hadley. 2016. *Ggplot2: Elegant Graphics for Data Analysis*. Springer-Verlag New York. <https://ggplot2.tidyverse.org>.
- Wickham, Hadley, Mara Averick, Jennifer Bryan, Winston Chang, Lucy D'Agostino McGowan, Romain François, Garrett Golemund, et al. 2019. “Welcome to the tidyverse.” *Journal of Open Source Software* 4 (43): 1686. <https://doi.org/10.21105/joss.01686>.
- Wickham, Hadley, and Jennifer Bryan. 2023. *Readxl: Read Excel Files*. <https://readxl.tidyverse.org>.
- Wickham, Hadley, Evan Miller, and Danny Smith. 2023. *Haven: Import and Export 'SPSS', 'Stata' and 'SAS' Files*. <https://haven.tidyverse.org>.