

A Simple Project

Christopher Gandrud

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1 Explanation

I gathered data from Pemstein, Meserve, and Melton (2010) on countries' democracy level. They call their democracy measure the Unified Democracy Score (UDS). I also gathered data from the World Bank (2013) on fertilizer consumption.¹ Figure 1 shows the mean UDS scores over time for all of the countries in their sample plotted against the natural logarithm of their fertilizer consumption.

2 The Plot

The following is a plot. It was created using the R (R Core Team 2014) ggplot2 (Wickham and Chang 2014).

References

Pemstein, Daniel, Stephen A. Meserve, and James Melton. 2010. "Democratic Compromise: A Latent Variable Analysis of Ten Measures of Regime Type." *Political Analysis* 18 (4): 426–49.

R Core Team. 2014. *R: A Language and Environment for Statistical Computing*. Vienna, Austria: R Foundation for Statistical Computing. <http://www.R-project.org/>.

Wickham, Hadley, and Winston Chang. 2014. *ggplot2: An Implementation of the Grammar of Graphics*. <http://CRAN.R-project.org/package=ggplot2>.

World Bank. 2013. "World Development Indicators." <http://data.worldbank.org/data-catalog/world-development-indicators>.

¹The data is in kilograms per hectare of arable land.

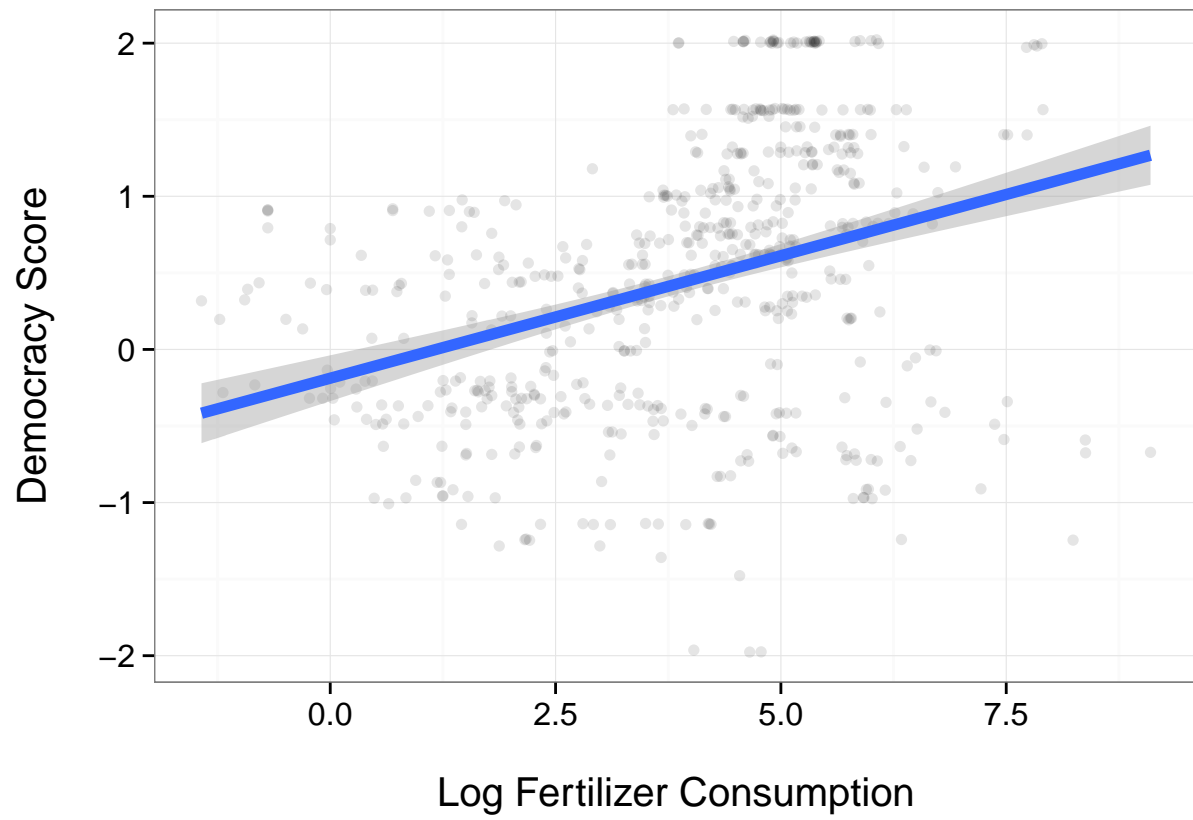


Figure 1: Mean UDS Scores vs. Fertilizer Consumption