

Milestone 5

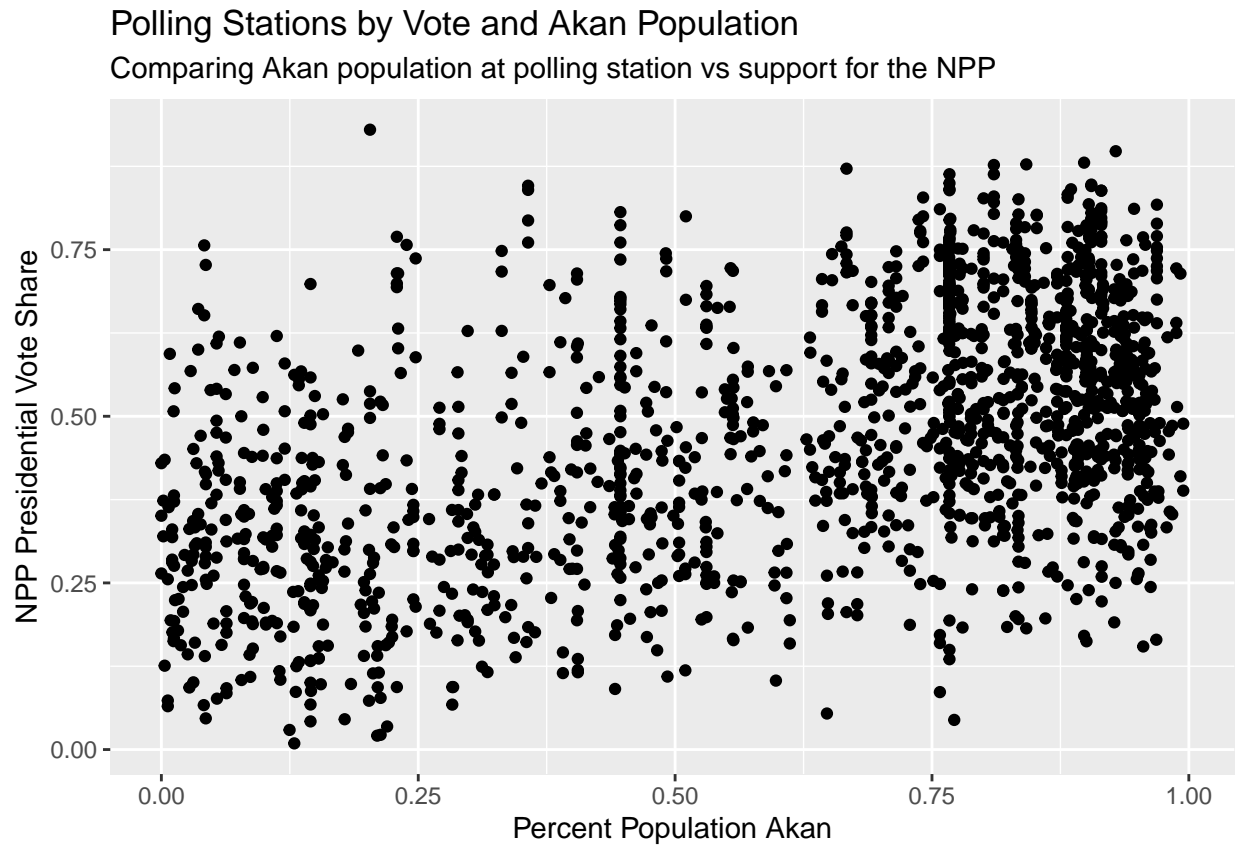
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3/29/2020

Footnote

Analysis¹

Graphic



Overview

In their paper “Crossing the Line: Local Ethnic Geography and Voting in Ghana,” Nahomi Ichino and Noah Nathan investigate the effects of local ethnic demographics on voters’ decisions. To do this, they use data on

¹All analysis for this paper is available here.

the ethnic composition of the neighborhoods surrounding each polling station in Ghana. They then compare the demographics of that area with the vote share from the 2008 presidential election. For example, at a polling station located in an area dominated by the Akan ethnic group, they found that the vote share for the New Patriotic Party (which is associated with the Akan group) is higher than the population share of Akans. This signifies that people are more likely to vote for the party that is associated with the ethnic group living in their area. To draw this conclusion, Ichino and Nathan build several regression models in which they try to predict the NPP presidential vote share at a certain polling station. Factors included in that regression include ethnic demographics, level of developments, and proportion of the population employed in the public or semipublic sector.

Appendix

Table 1
Summary Statistics for Enumeration Areas around Brong Ahafo Polling Stations

Variable	Mean	SD	Min	Max
Area (sq. km.)	19.63	49.41	0.09	630.71
Total population	8287.48	14400.89	176	61992
% Akan at polling station	0.61	0.3	0	0.99
% Ga-Dangbe at polling station	0.02	0.04	0	0.72
% Ewe at polling station	0.03	0.07	0	0.8
% Guan at polling station	0.04	0.13	0	0.99
% Gurma at polling station	0.05	0.12	0	0.93
% Mole-Dagbon at polling station	0.16	0.17	0	0.93
% Grusi at polling station	0.05	0.11	0	0.95
Mande at polling station	0.02	0.06	0	0.83
% Other ethnic groups at polling station	0.03	0.1	0	0.9
Ethnic fractionalization	0.41	0.21	0.01	0.83
% Speak English	0.47	0.17	0.02	0.89
% Public/semipublic employment	0.05	0.05	0	0.56
Development index (EA)	1.21	2.13	-0.48	8.45
Akan in 30 km (spatially weighted)	0.63	0.22	0.05	0.92
Segregation (H) in 30 km	0.06	0.05	0.01	0.28

Note: $n = 1633$. Data sources described in the text

Bibliography

- Barak Hoffman, Karen E. Ferree, Clark Gibson, and James D. Long. 2009. *Explaining the African Vote*. American Political Science Association. https://papers.ssrn.com/sol3/papers.cfm?abstract_id=1450123.
- Gary King, Michael Tomz, and Jason Wittenberg. 2000. *Making the Most of Statistical Analyses: Improving Interpretation and Presentation*. American Journal of Political Science. <https://www.jstor.org/stable/pdf/2669316.pdf>.
- Ichino, Nahomi, and Noah L. Nathan. 2013. *Crossing the Line: Local Ethnic Geography and Voting in Ghana*. American Political Science Association. <https://www.jstor.org/stable/43654018>.
- Kimenyi, Mwangi S. 2006. *Ethnicity, Governance and the Provision of Public Goods*. Journal of African Economies. https://academic.oup.com/jae/article-abstract/15/suppl_1/62/707092?redirectedFrom=fulltext.

TABLE 1. Summary Statistics for Enumeration Areas around Brong Ahafo Polling Stations				
Variable	Mean	SD	Min	Max
Area (sq. km.)	19.63	49.41	0.09	630.71
Total population	8287	14401	176	61992
% Akan at polling station	0.61	0.30	0.00	0.99
% Ga-Dangbe at polling station	0.02	0.04	0.00	0.72
% Ewe at polling station	0.03	0.07	0.00	0.80
% Guan at polling station	0.04	0.13	0.00	0.99
% Gurma at polling station	0.05	0.12	0.00	0.93
% Mole-Dagbon at polling station	0.16	0.17	0.00	0.93
% Grusi at polling station	0.05	0.11	0.00	0.95
% Mande at polling station	0.02	0.06	0.00	0.83
% Other ethnic groups at polling station	0.03	0.10	0.00	0.90
Ethnic fractionalization	0.41	0.21	0.01	0.83
% Speak English	0.47	0.17	0.02	0.89
% Public/semipublic employment	0.05	0.05	0.00	0.56
Development index (EA)	1.21	2.13	-0.48	8.45
Akan in 30 km (spatially weighted)	0.63	0.22	0.05	0.92
Segregation (H) in 30 km	0.06	0.05	0.01	0.28
<i>Note: n = 1633. Data sources described in the text.</i>				

Figure 1: Table from paper. (I can't seem to make this appear before the bibliography)

Michael Bratton, Ravi Bhavnani, and Tse-Hsin Chen. 2011. *Voting Intentions in Africa: Ethnic, Economic or Partisan?* Afrobarometer. <https://afrobarometer.org/publications/wp127-voting-intentions-africa-ethnic-economic-or-partisan>.