



Food Access Medicare Program

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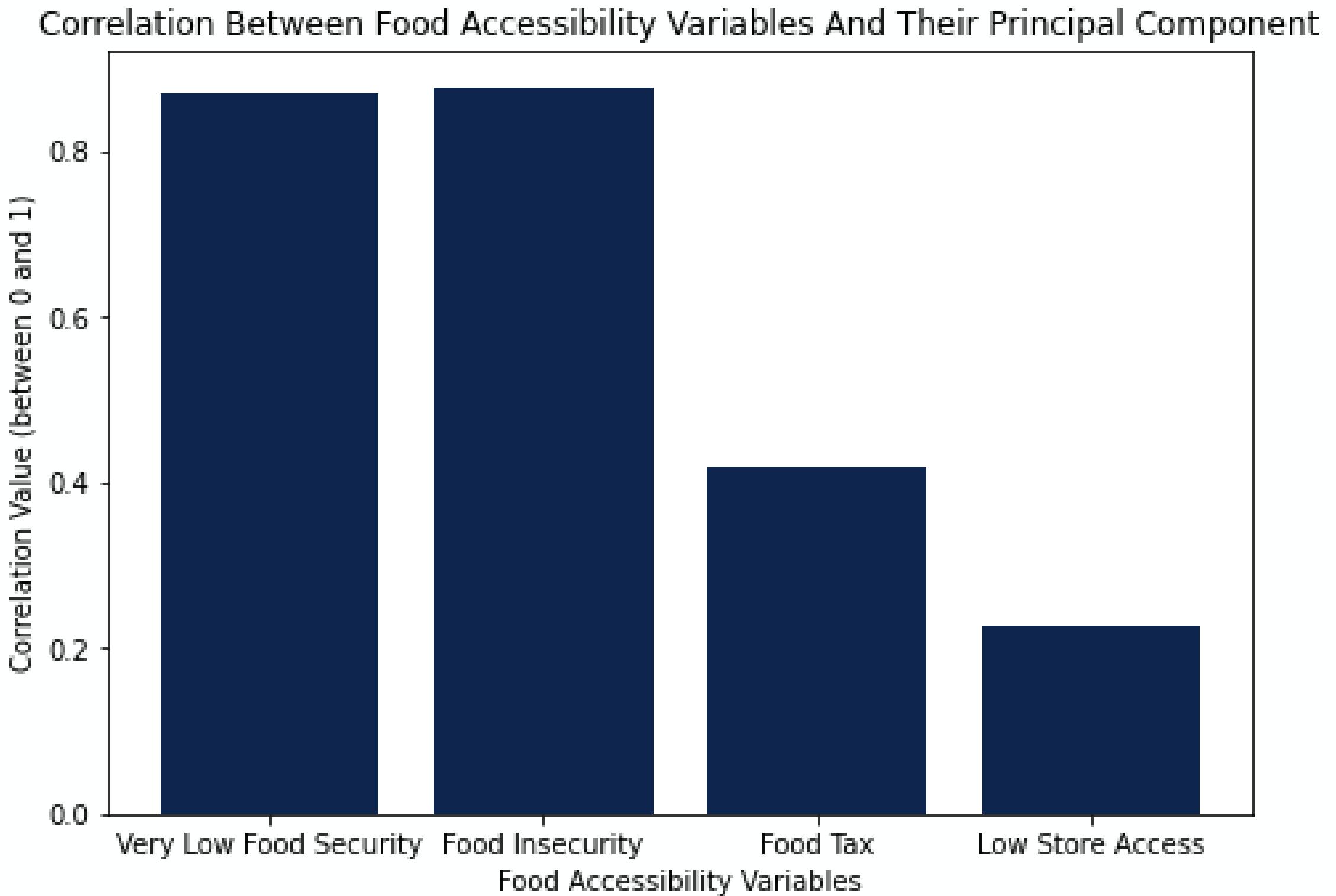
Which Counties Should The Program Target?

1.

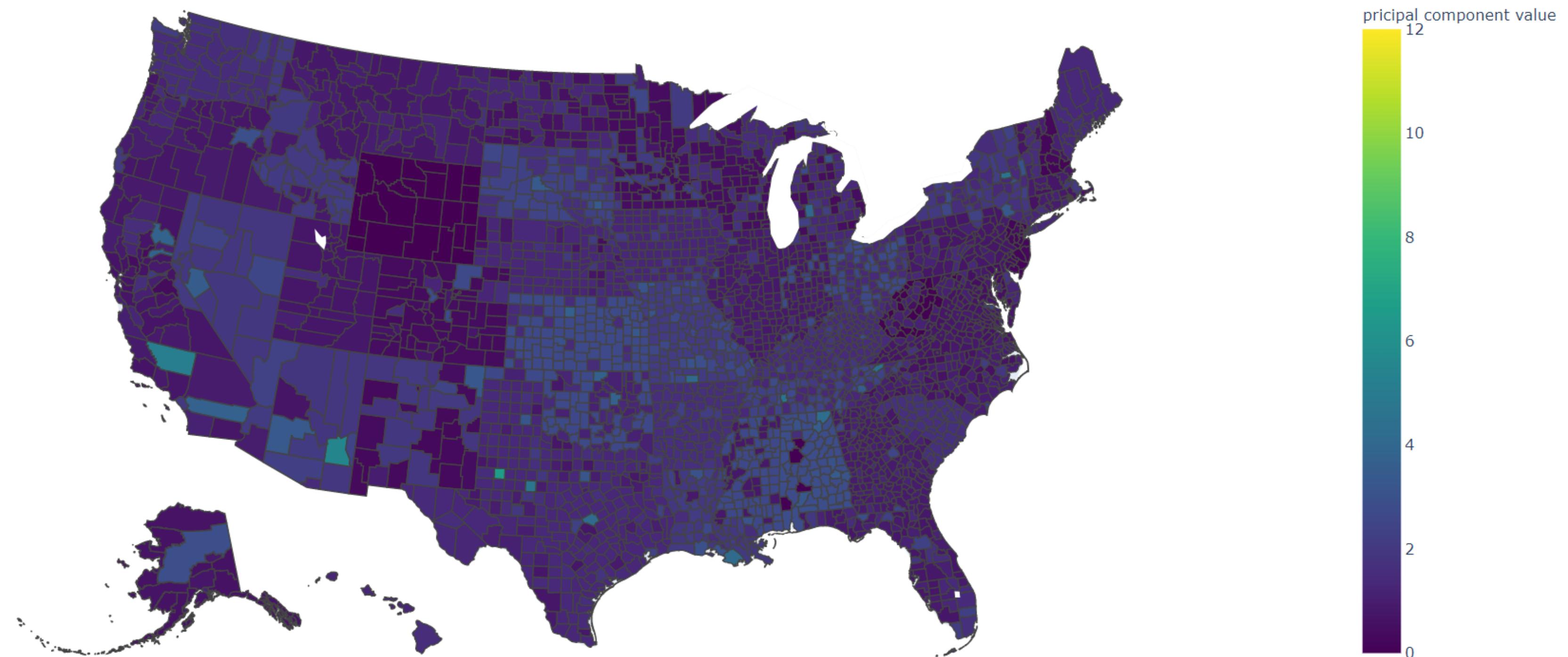
Key Factors Based On Regression Analysis

- 1 Very Low Food Security
- 2 Food Insecurity
- 3 Food Tax
- 4 Low Access To Store

A Principal Component Captures The Four Factors



The Lighter-Colored Counties Would Benefit More From The Program



*See the full interactive map at: http://www.nourelkhalawy.me/algorex_challenge/Q1%20map.html

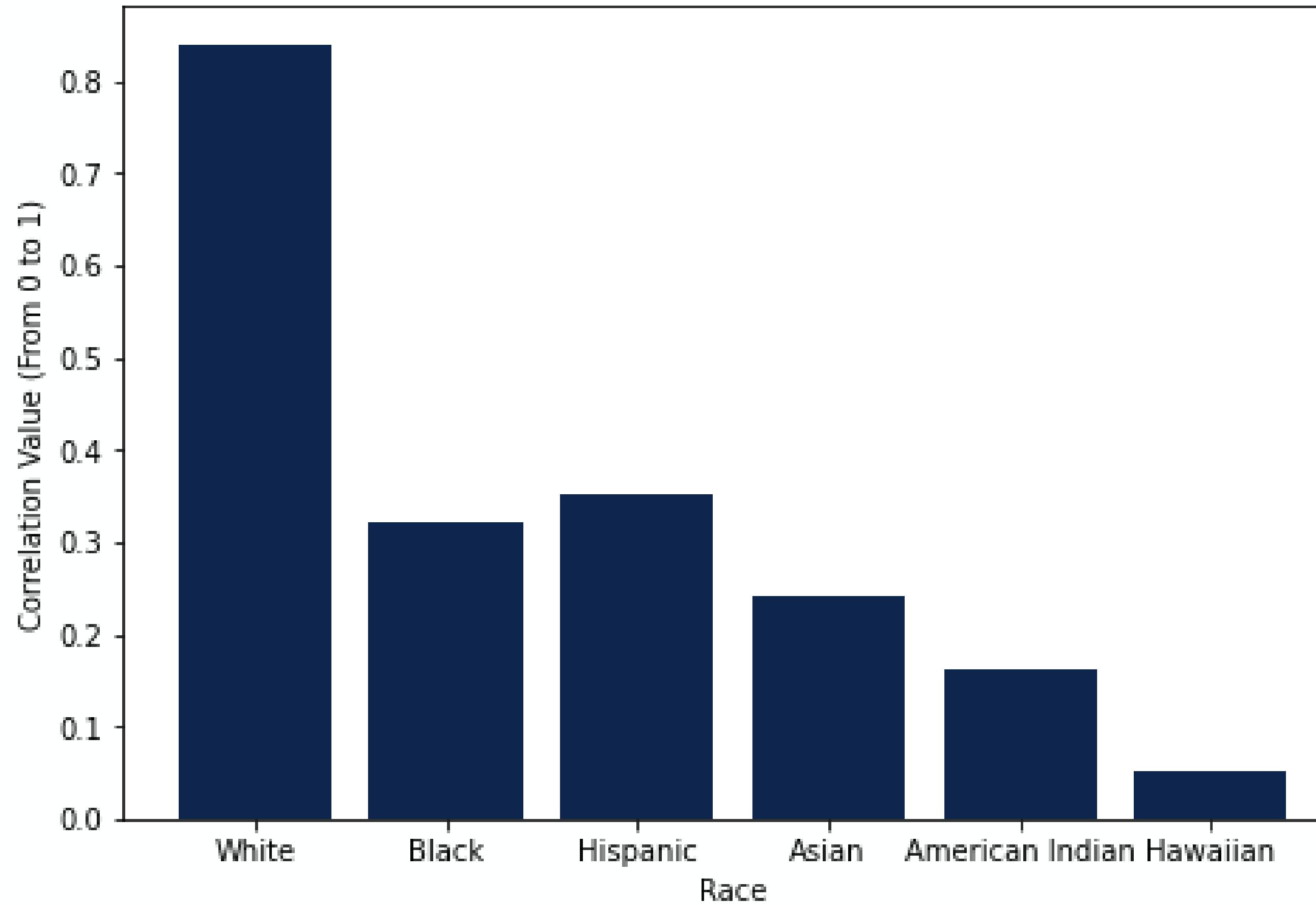


Demographics

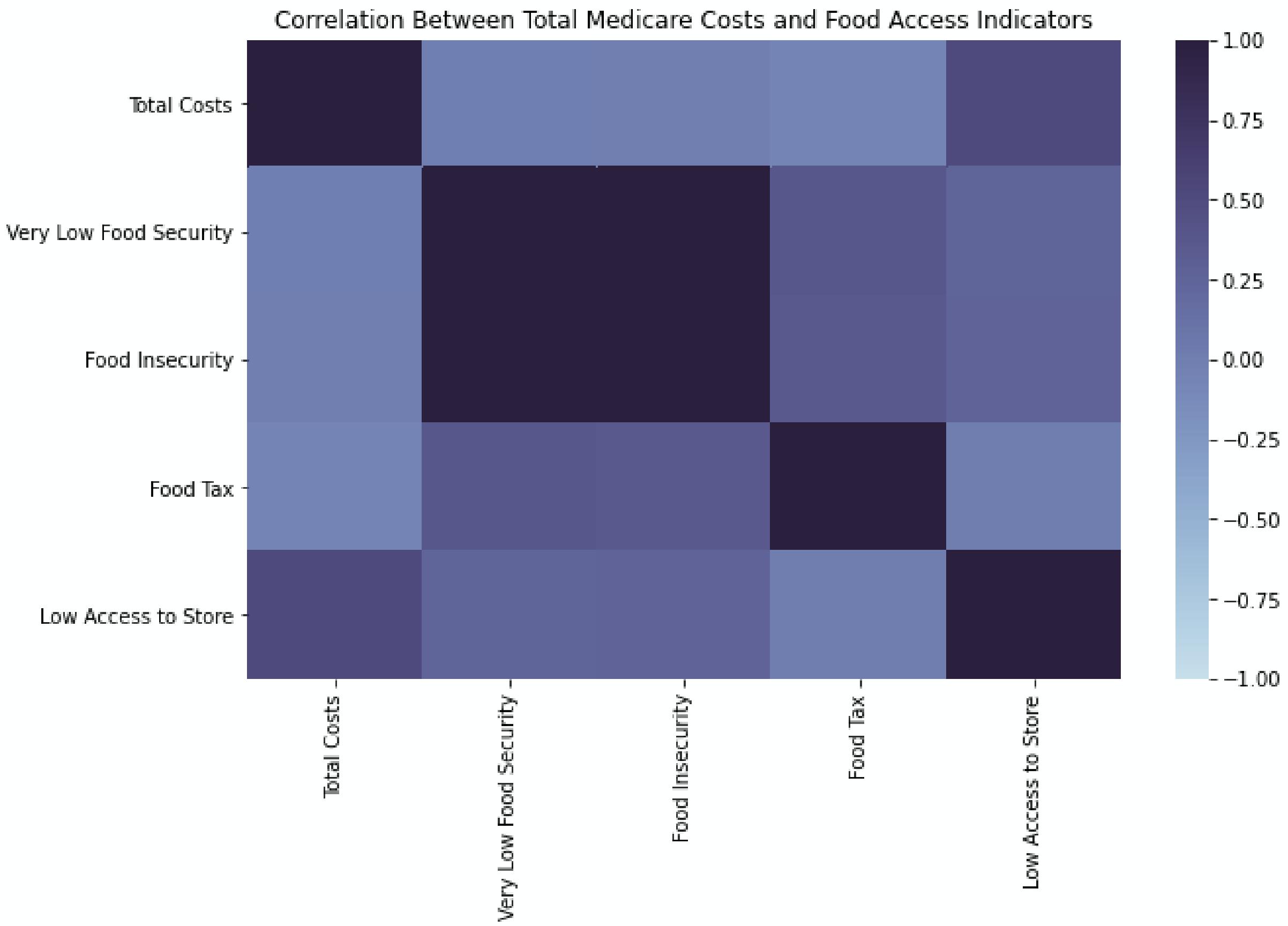
Race: The Most Correlated Demographic Factor With Food Accessibility And Security Factors

- 1 White
- 2 Hispanic
- 3 Black
- 4 Asian
- 5 American Indian
- 6 Hawaiian

Correlation Between Races And Principal Component Of Food Accessibility



Food Access Factors Effect On Total Medicare Costs



Appendix

Github Repo:

https://github.com/nourelkhalawy/algorex_challenge

Interactive Map:

http://www.nourelkhalawy.me/algorex_challenge/Q1%20map.html



ALGOREX
HEALTHCARE TECHNOLOGIES

Thank You!

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