

Women and the Environment

How the Subordination of Women in the Home Impacts Environmental Performance

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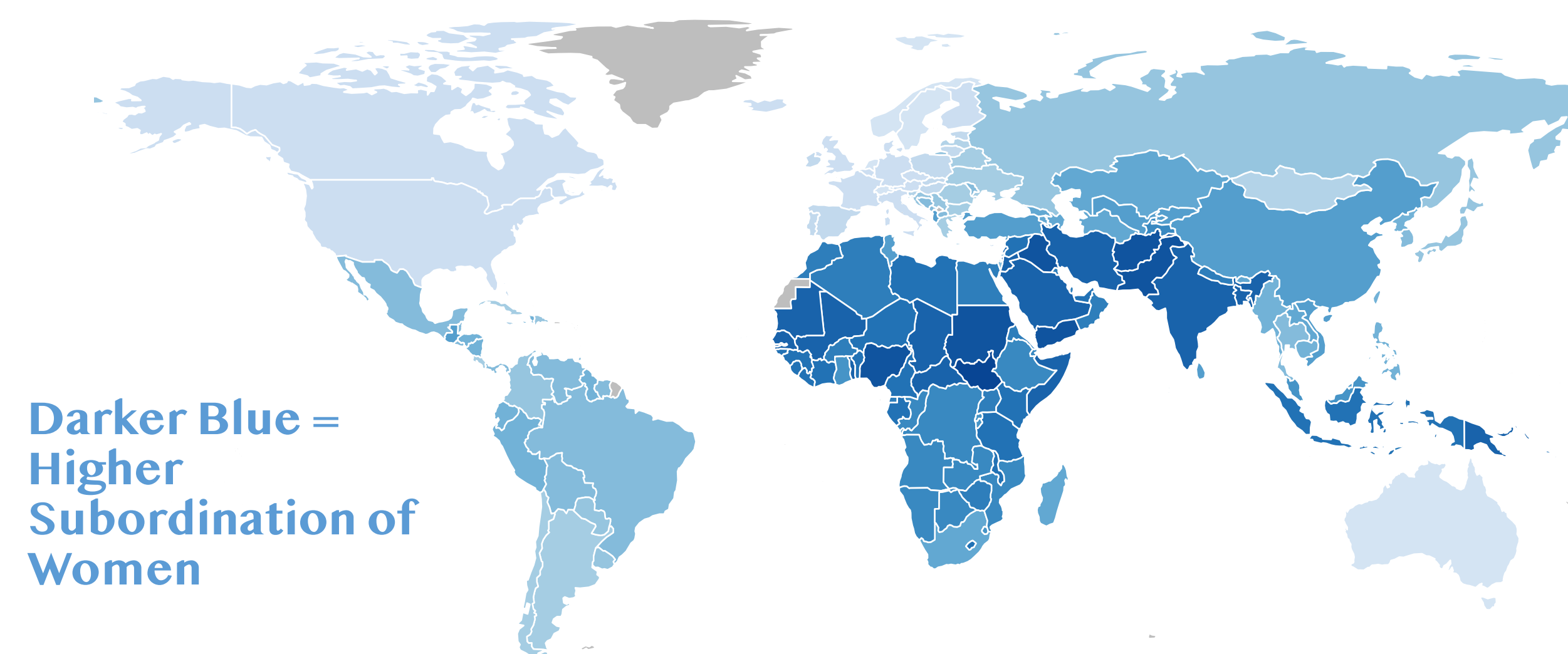
Introduction

- Subordination of women in the home seems to be indicative of a violent culture that does not treat its valuable assets well, including the environment.
- I predict that countries with worse systematic subordination of women in the home will perform worse on environmental indicators.

Data and Methods

THE SYNDROME SCALE: measures systematic subordination of women in the home for 176 countries. (The WomanStats Project)

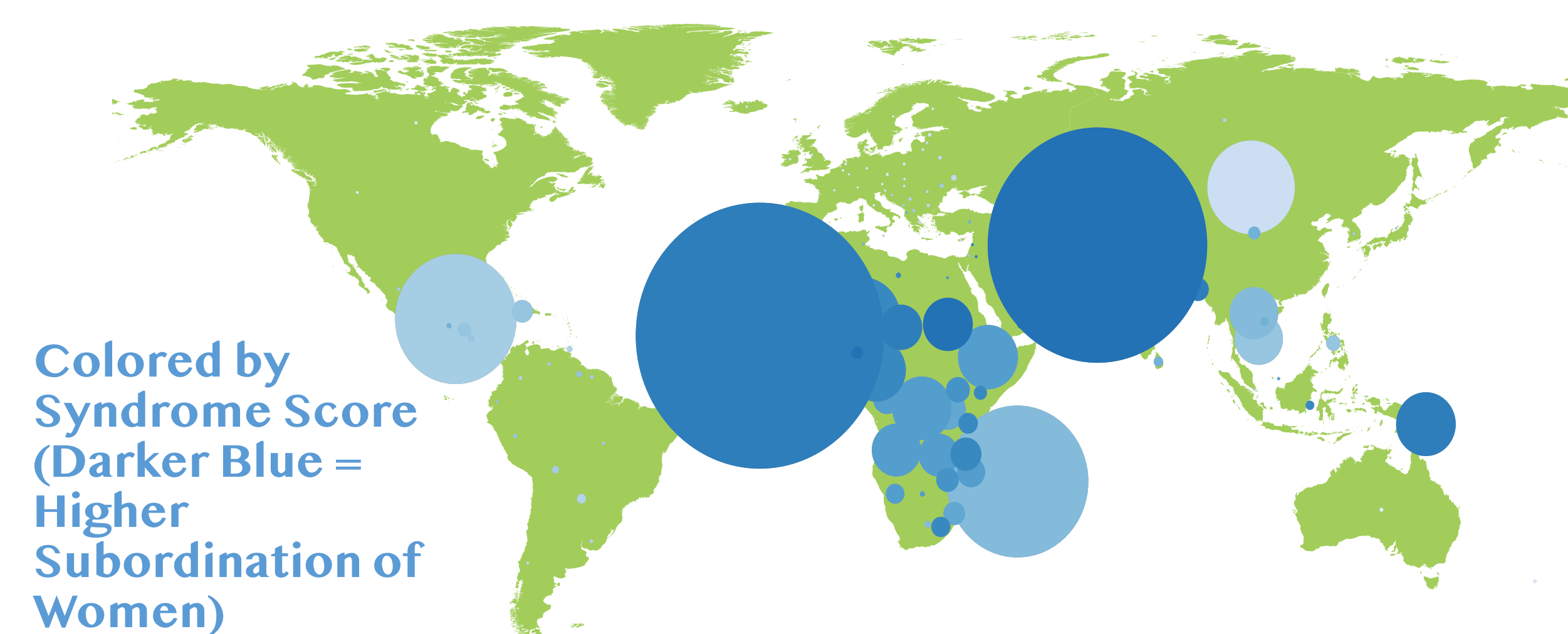
THE SYNDROME SCALE



ENVIRONMENTAL VARIABLES after exploratory factor analysis:

- Water and Environmental Wellbeing
- Air Pollution
- Biodiversity and Pest Regulation
- Deaths caused by Outdoor Air Pollution
- Air Quality
- Global Climate Risk Index

COUNTRIES' RELATIVE CONTRIBUTION TO AIR POLLUTION

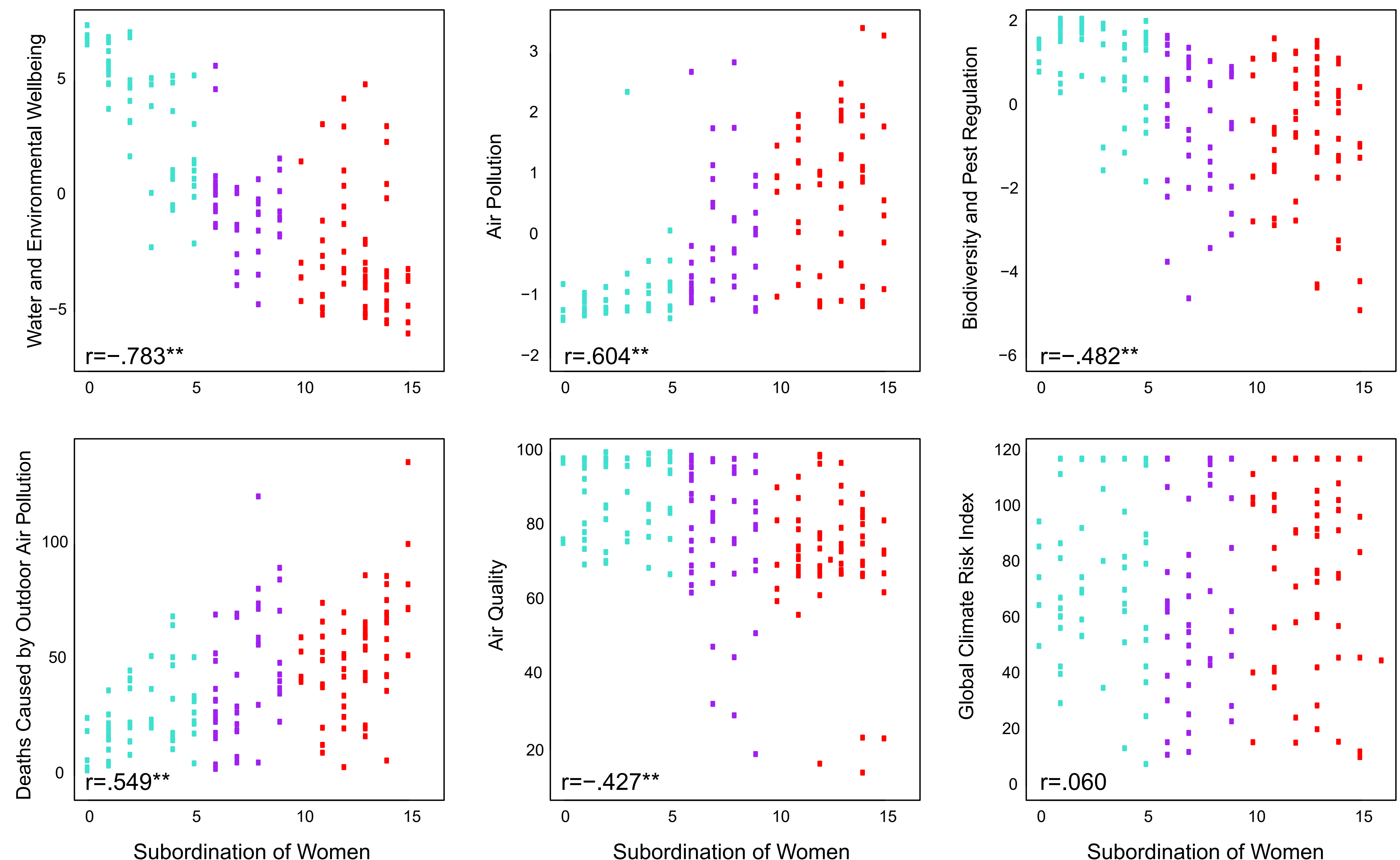


ANALYSIS METHODS

- General Linear Model Regression and Correlation Analysis

RELATIONSHIP BETWEEN THE SYNDROME AND ENVIRONMENTAL INDICATORS

**Significant at $\alpha = 0.001$

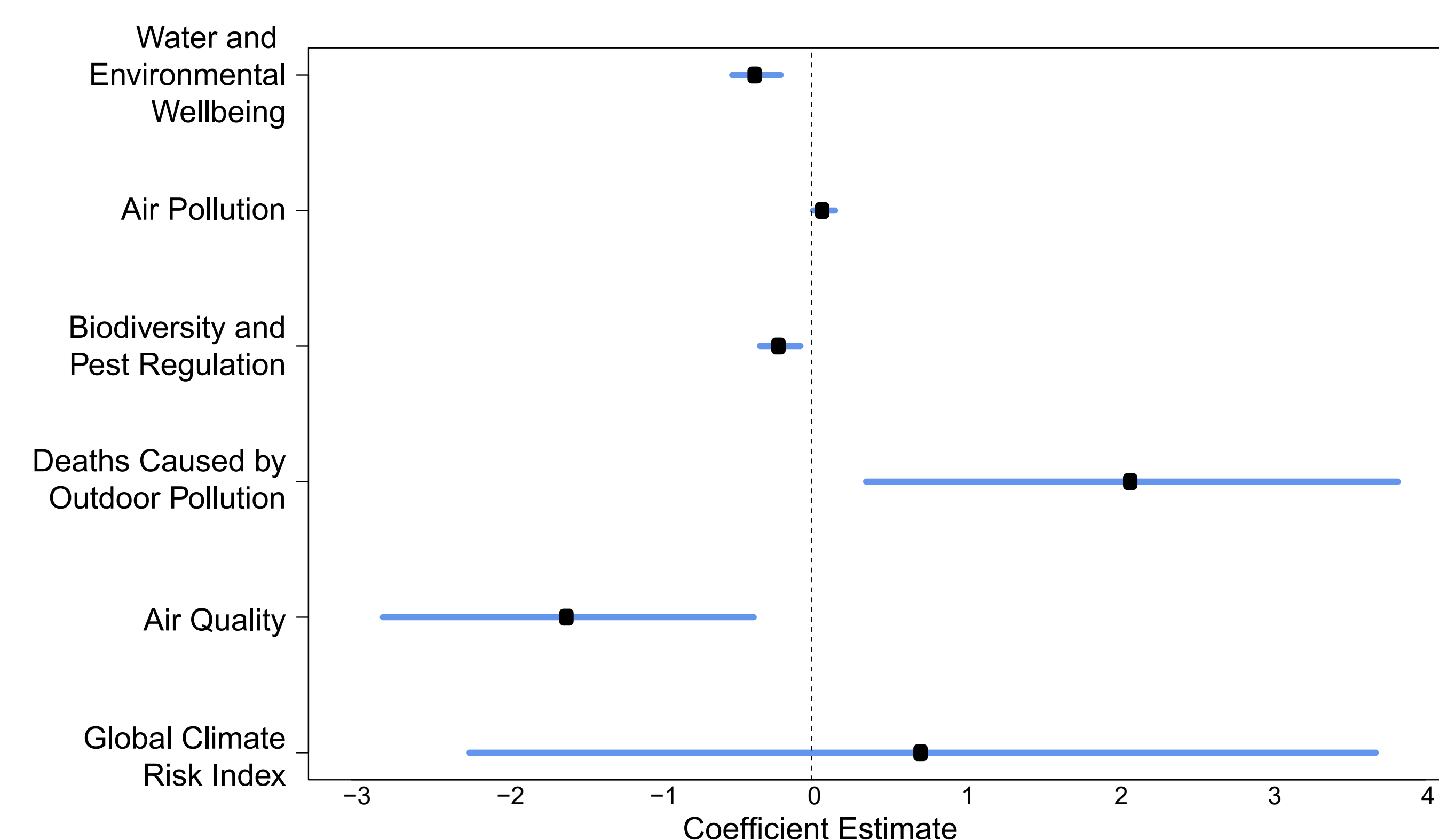


SYNDROME SCALE

LOW MIDDLE HIGH
0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16

THE SYNDROME COEFFICIENT ESTIMATES AND 99.9% CONFIDENCE INTERVALS

From General Linear Model Regression Analyses



Results & Discussion

- The Syndrome is significantly correlated with 5 of 6 environmental indicators
- The Syndrome is significant in 5 out of the 6 models, controlling for 7 other variables
- Countries looking to improve their environmental impact should focus on policies to improve their treatment of women in the home.

* Environmental Data from German Watch, The Social Progress Index, and the Environmental Performance Index