

Daniel Scholnick
IST 719
Work In Progress Report
Literacy Around the World

Dataset

The dataset is “Countries of the World” created by Fernando Lasso and shared on Kaggle. It was created from 2017 CIA World Factbook data and contains 20 columns about some comparative measurements of the countries.

Story

The poster is designed to take a deeper look into literacy around the world. Having a high literacy rate is a critical element of a thriving society.

Audience

People who believe education is essential to human development and prosperity.
Governments who want to increase the GDP and the younger generation with concerns about the future.

Questions

Which countries have the lowest literacy rates? (3, 4)
How does the literacy rate compare across regions? (3,5,6)
Are there other categories that are correlated with literacy rate? (7,8,9)

Literacy Around the World

Description of literacy rate and why it matters

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Poster
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Q1: Which countries have the lowest literacy rates?

Literacy World Map (3)

Description of Map

Q2: How does the literacy rate compare across regions?

Horizontal Bar Chart of
countries with lowest
Literacy rate and from what
region (4)

Description of HBC

Description of
BoxPlot

Box Plot of Literacy by region
(6)

Audience

Q3: Are there other statistics that are correlated with literacy rate?

Scatterplot of IMR
Vs
LR (7)

Scatterplot of Birth Rate
vs
LR (8)

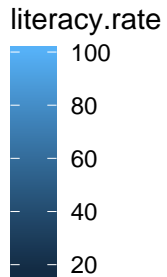
Scatterplot
of
GDP per capita vs LR (9)

Description

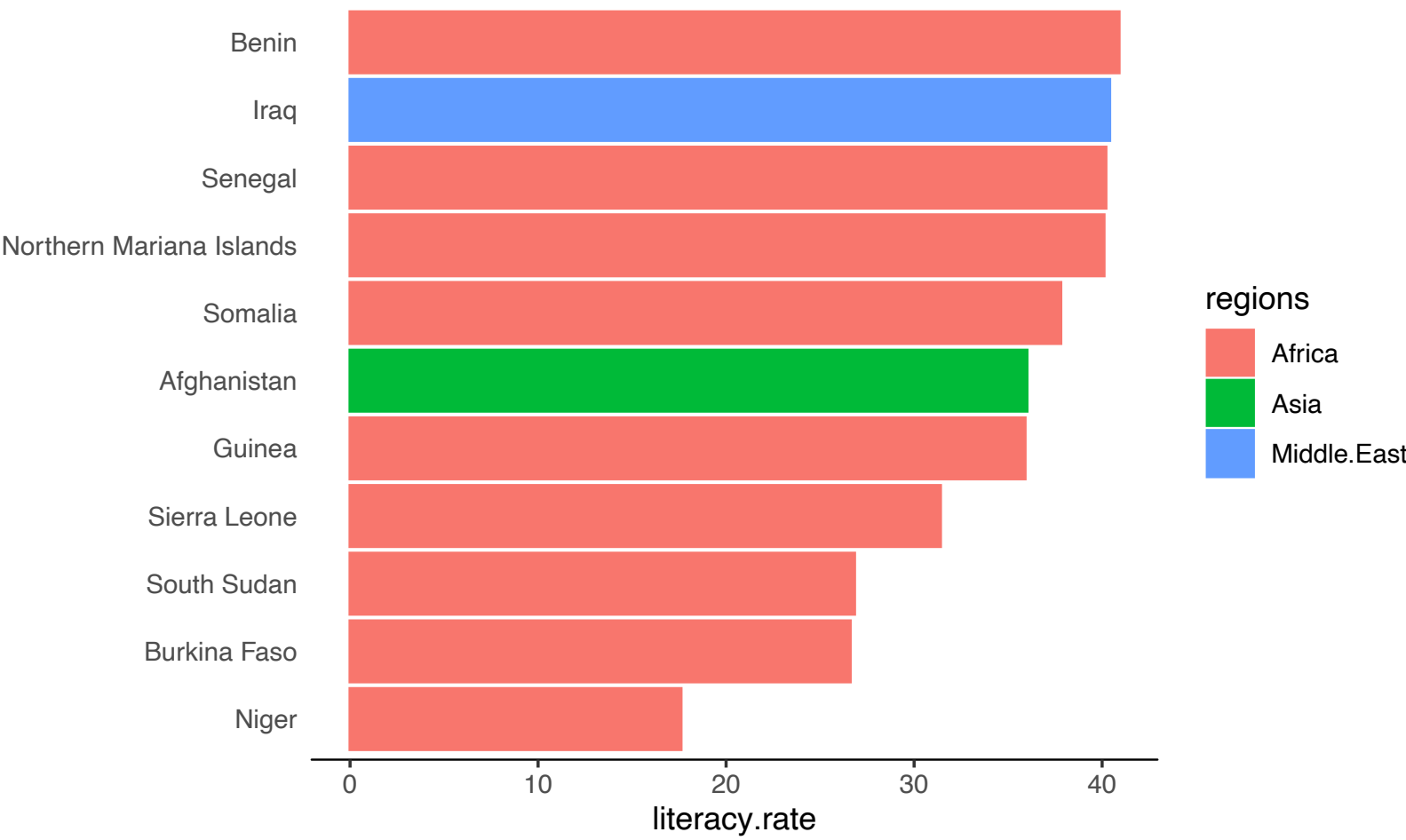
Description

Description

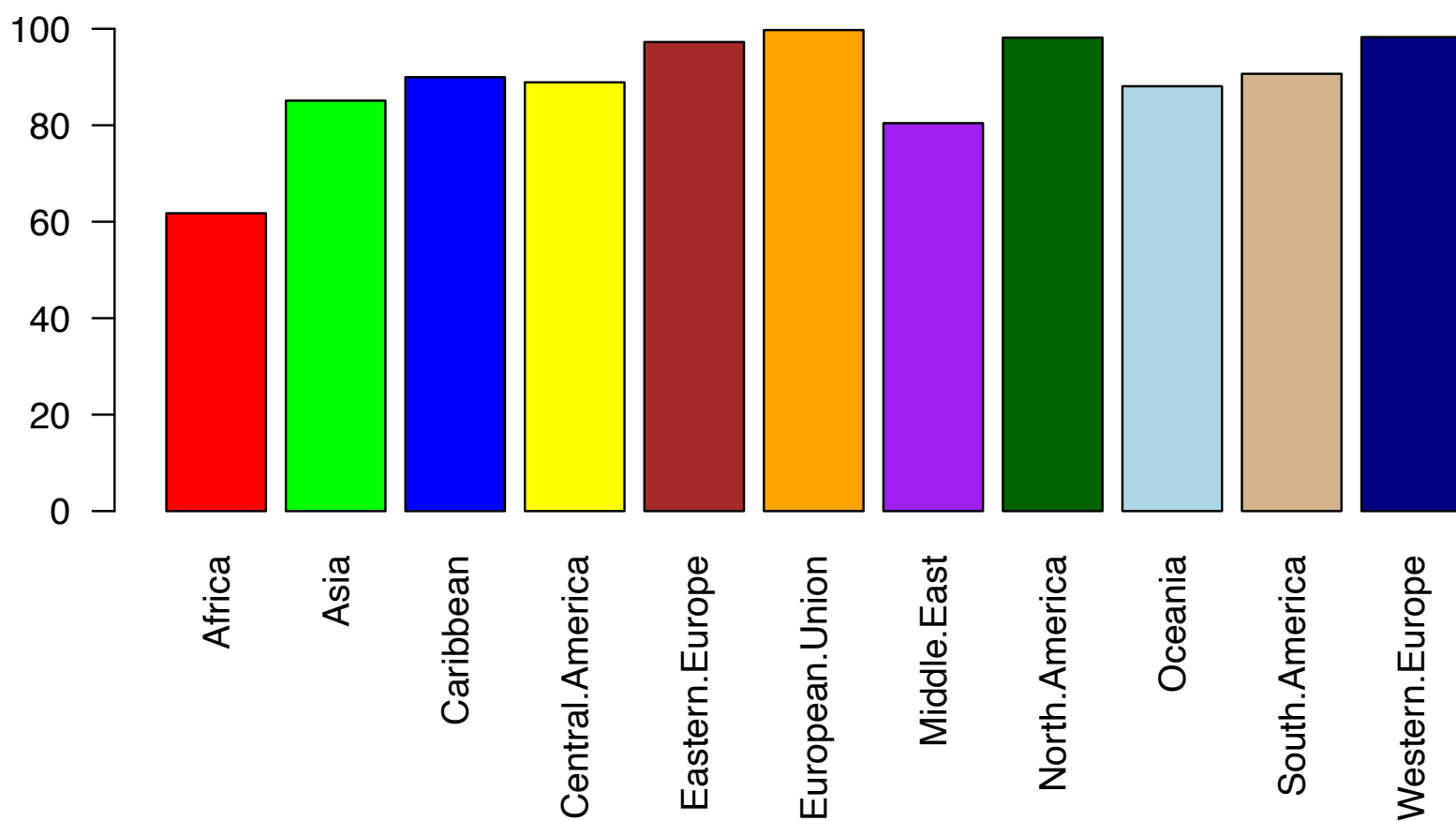
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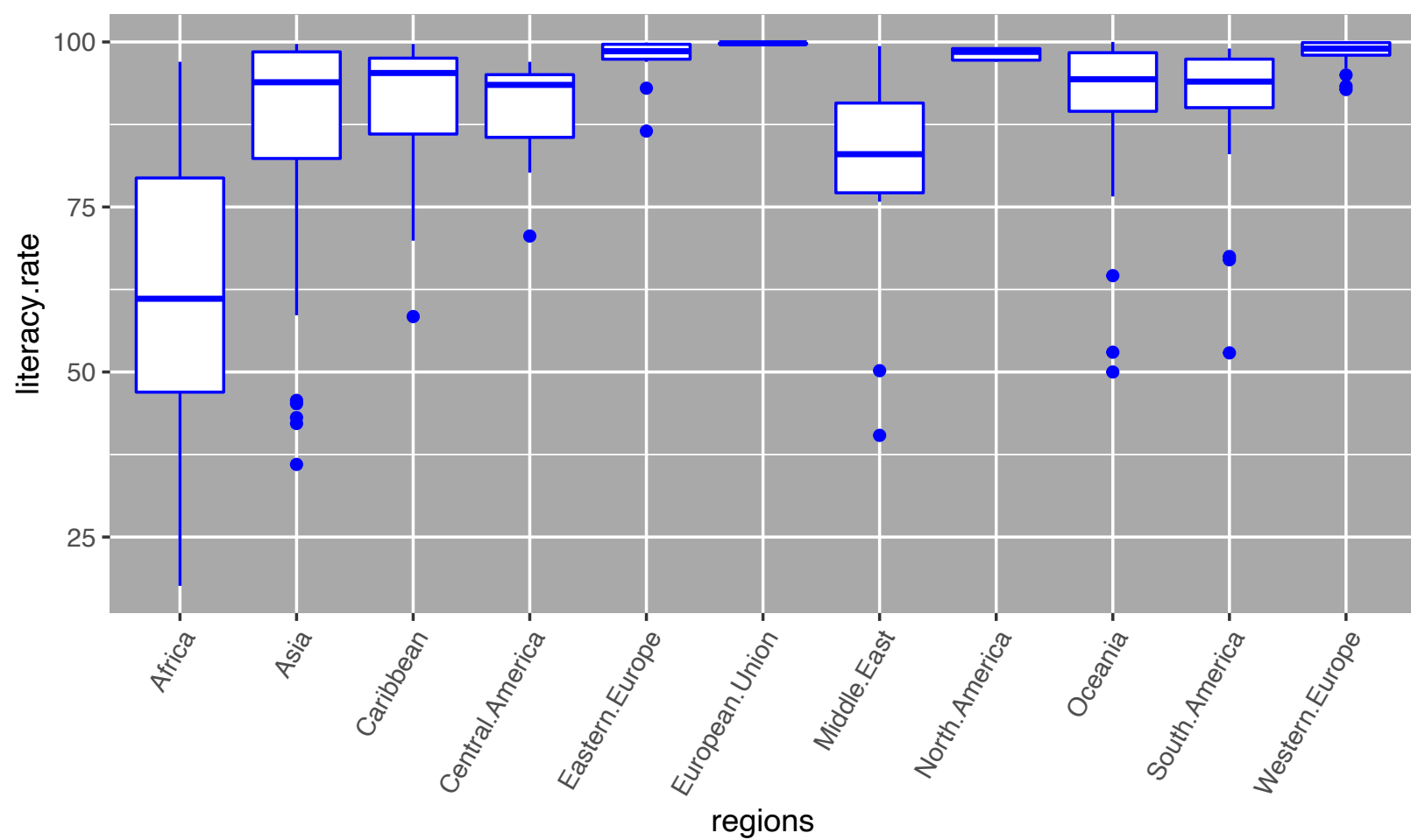
Countries with the lowest literacy rate



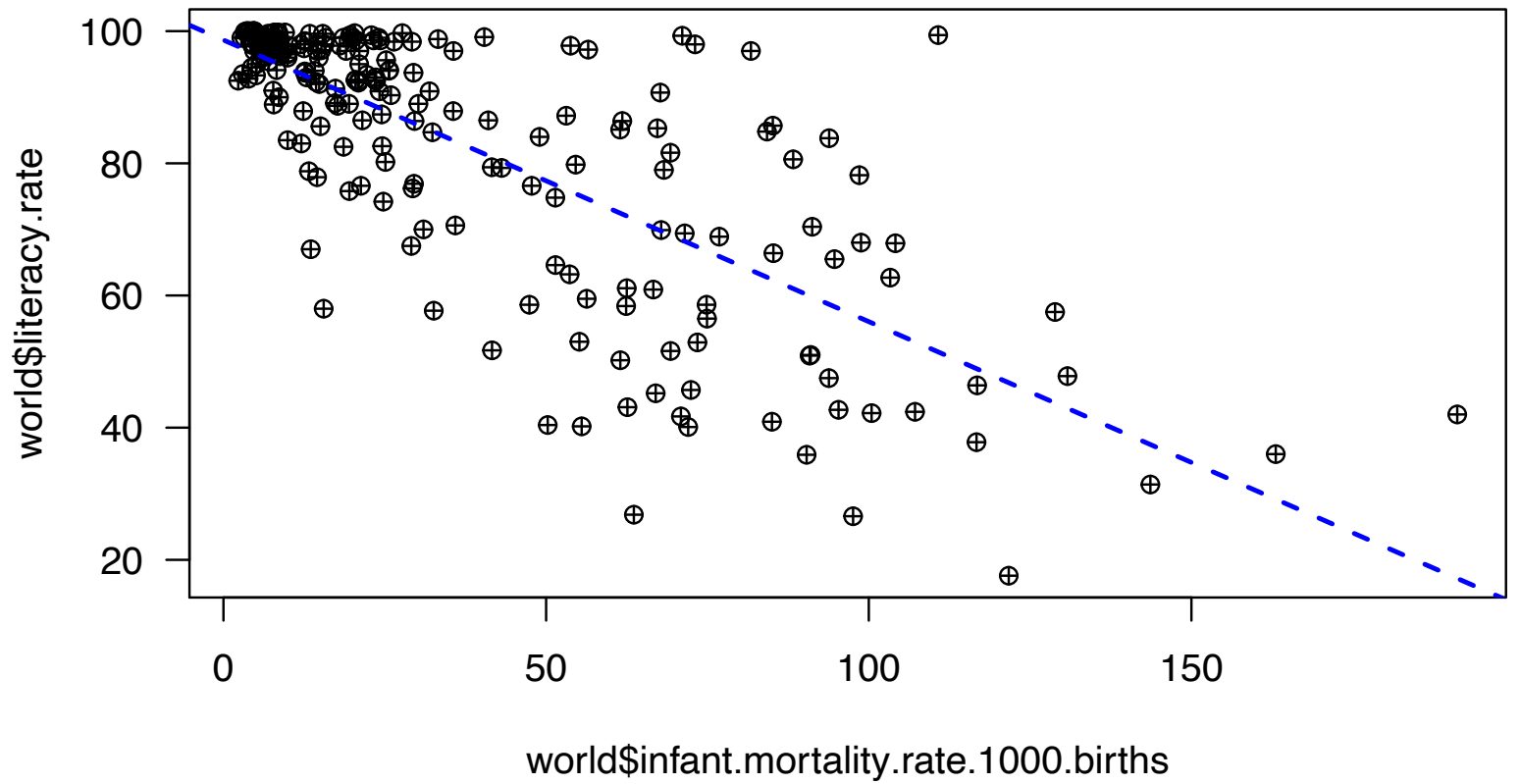
Average literacy rate by region



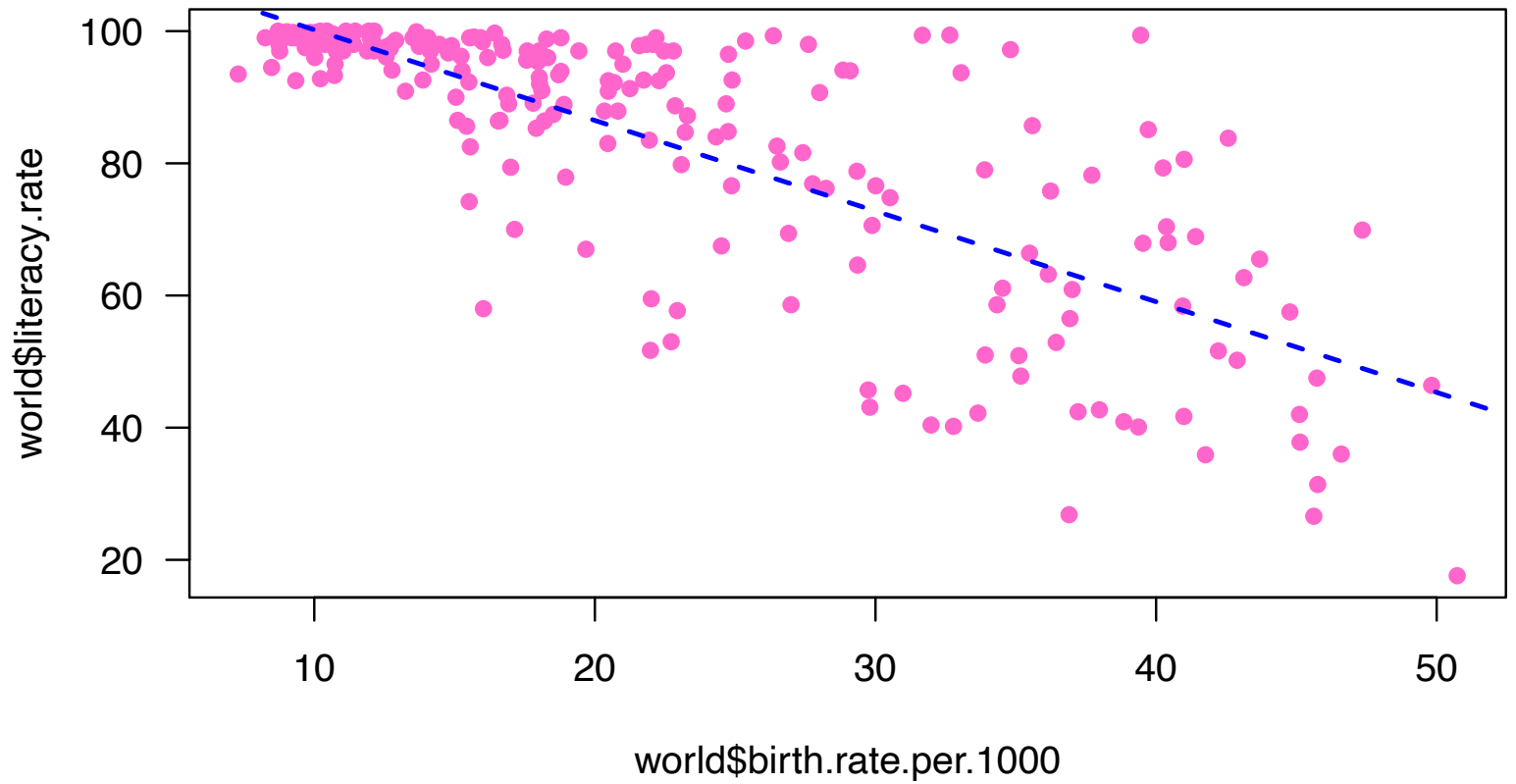
Literacy rate by region



Literacy vs infant mortality rate



Literacy vs birth rate



Literacy vs GDP per capita

