

Summary of established dataset: A collection of HDI and GDI values between the years 1990 to 2022 and corresponding factors that contribute to the index values including life expectancy (years), mean years of schooling, and gross national income per capita.

Data Dictionary:

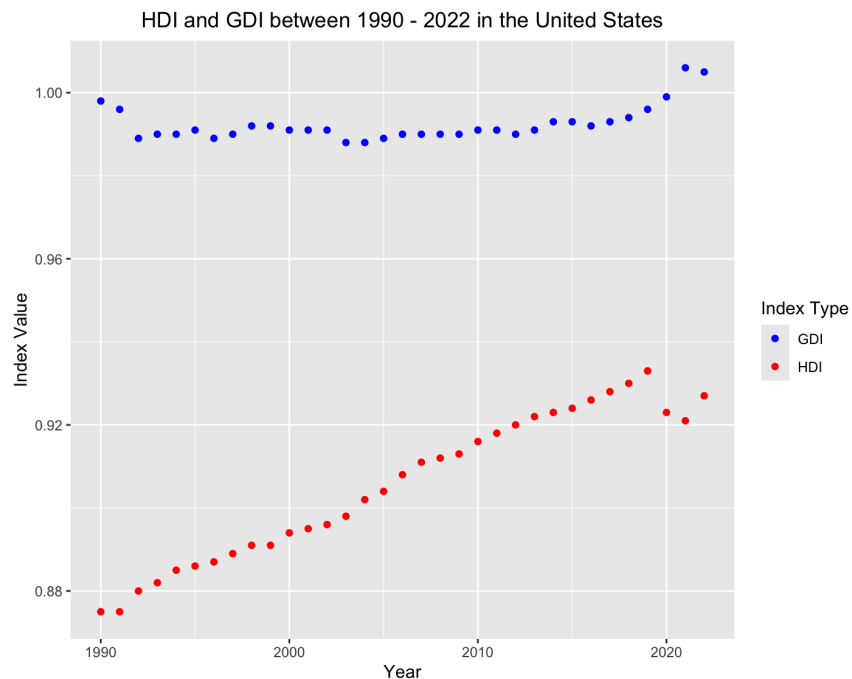
Variable	Description	Type	Value or Characteristics
HDI/GDI data table	Contains information on human development index, gender development index, and factors that influence the indices	character, float	Variable type varies depending on column
hdi	Human development index: a summary measure of average achievement in key dimensions of human development: a long and healthy life, being knowledgeable and having a decent standard of living. The HDI is the geometric mean of normalized indices for each of the three dimensions [1].	float	Greater than or equal to zero (higher value is better)
gdi	Gender development index: measures differences in male and female achievements in three basic dimensions of human development: health, education and command over economic resources. GDI is the ratio of female HDI to male HDI [2].	float	Greater than or equal to zero (a value close to 1:1 ratio is better)
country name	Country of given HDI and GDI values	character	Countries around the world (no particular region)

le	Life expectancy at birth (health dimension of HDI)	float	Greater than or equal to zero
mys	Mean years of school for adults aged 25+ (education dimension)	float	Greater than or equal to zero
eyys	Expected years of Schooling (education dimension)	Float	Greater than or equal to zero
gnipc	gross national income per capita (standard of living dimension)	float	Greater than or equal to zero

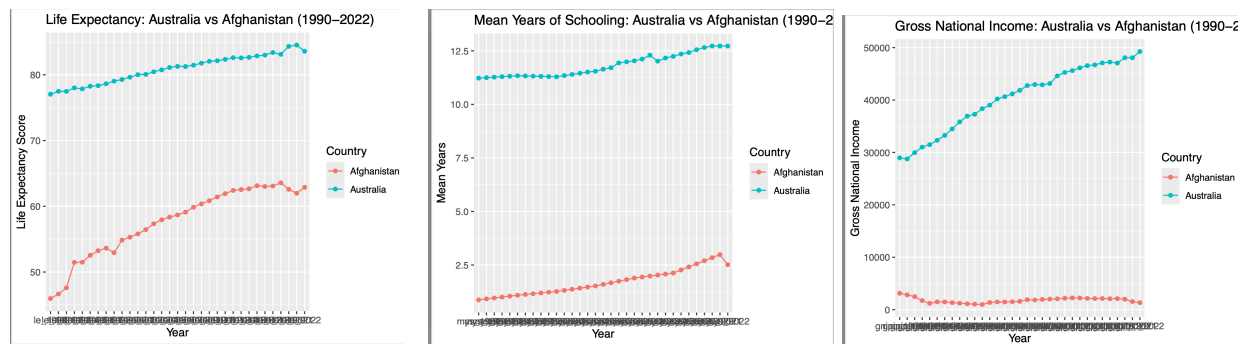
Exploratory Plots

1. Plot comparing hdi and gdi for the United States between 1990 - 2022
2. Plot comparing life expectancy, mean years of schooling, and gross income per capita for Afghanistan and Australia
3. Plot comparing hdi and gdi for Cambodia between 1990 -2022.

(1)



(2)



(3)

