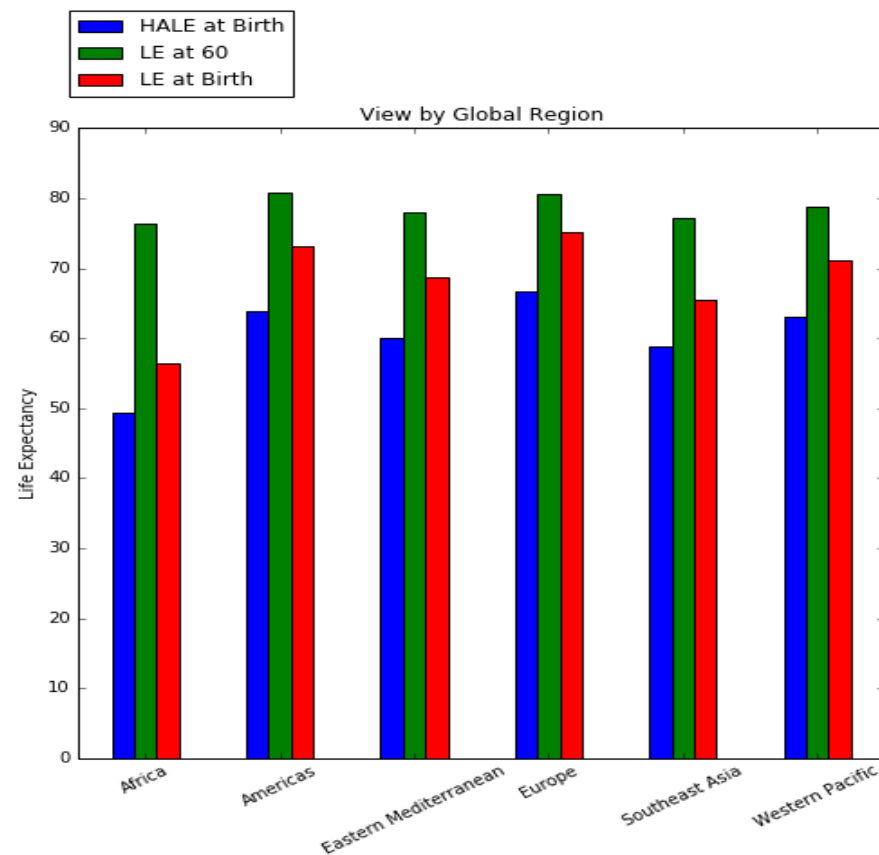# Exploring Life Expectancy

Sarah Kelley (SK)
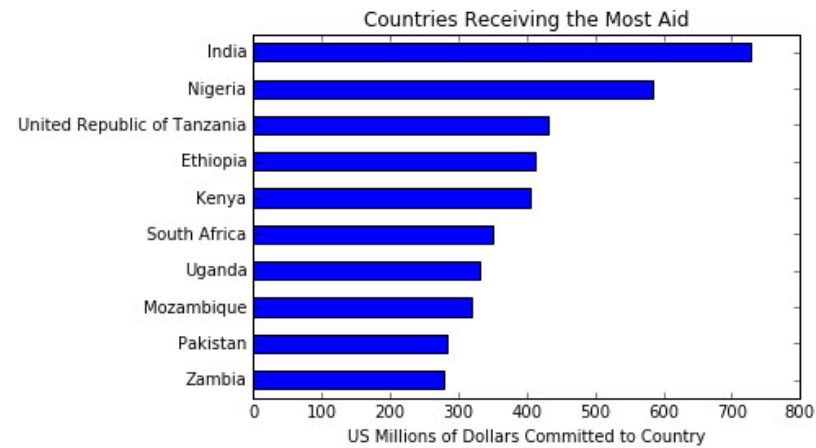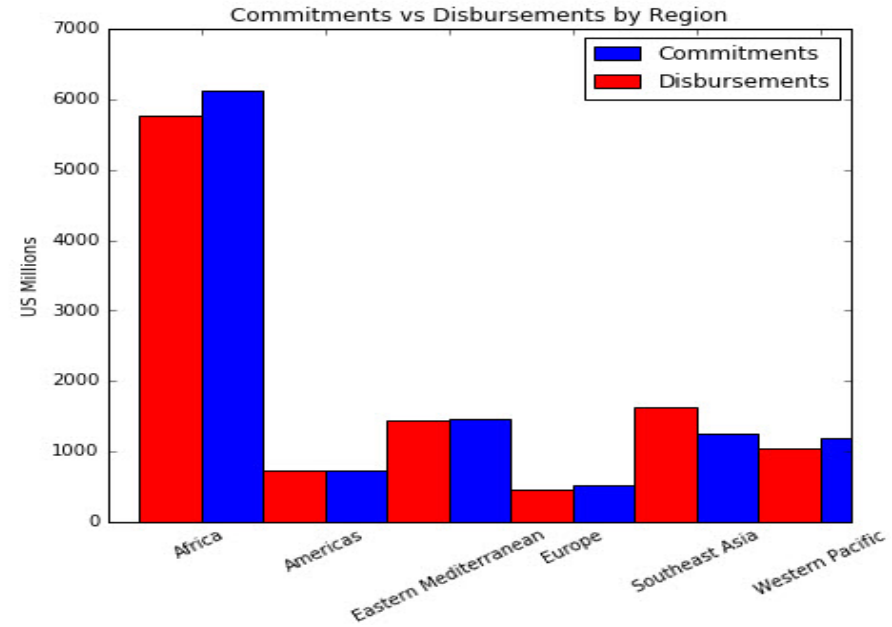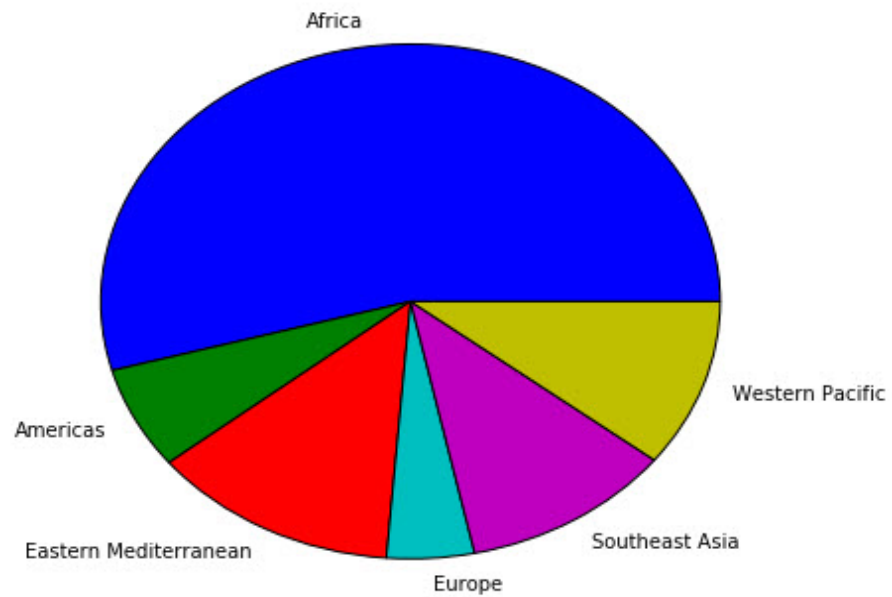Andrea Pope (AP)
Dominic Delmolino (DD)

Introduction

- Focus: Relationship between life expectancy, life expectancy at age 60 and Healthy life expectancy with:
  - Access to clean water/sanitation
  - Aid spending
  - HIV prevalence
  - Government spending on health care
- Source: World Health Organization
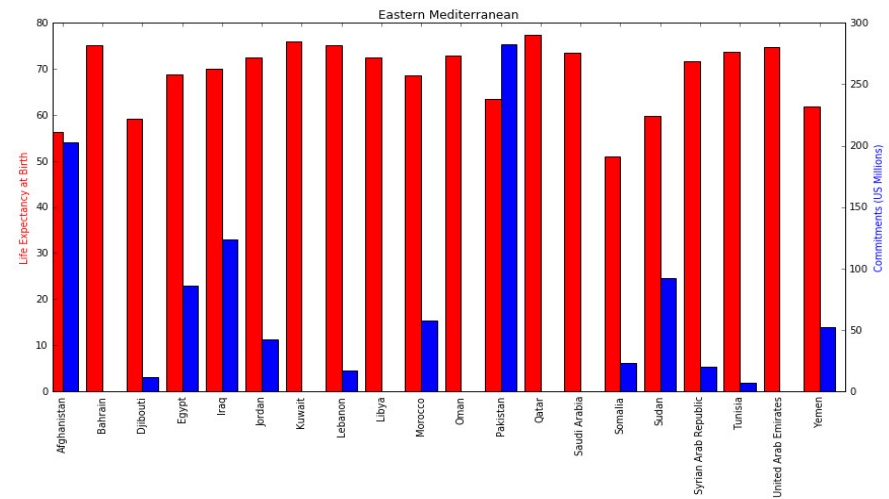 http://apps.who.int/gho/data/node.home
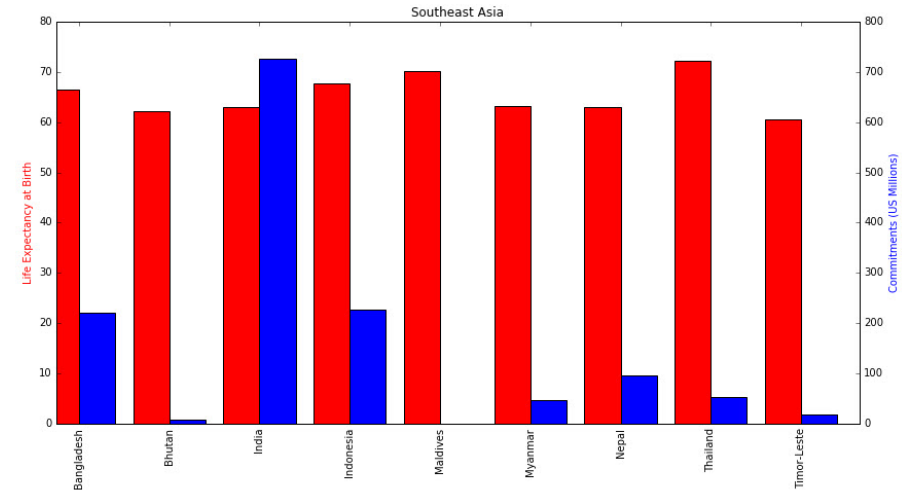
Life Expectancy

Comparison of Measures

View by Global Region

AID

Aid Commitments by Region

Commitments vs Disbursements by Region

Countries Receiving the Most Aid

Aid & Life Expectancy
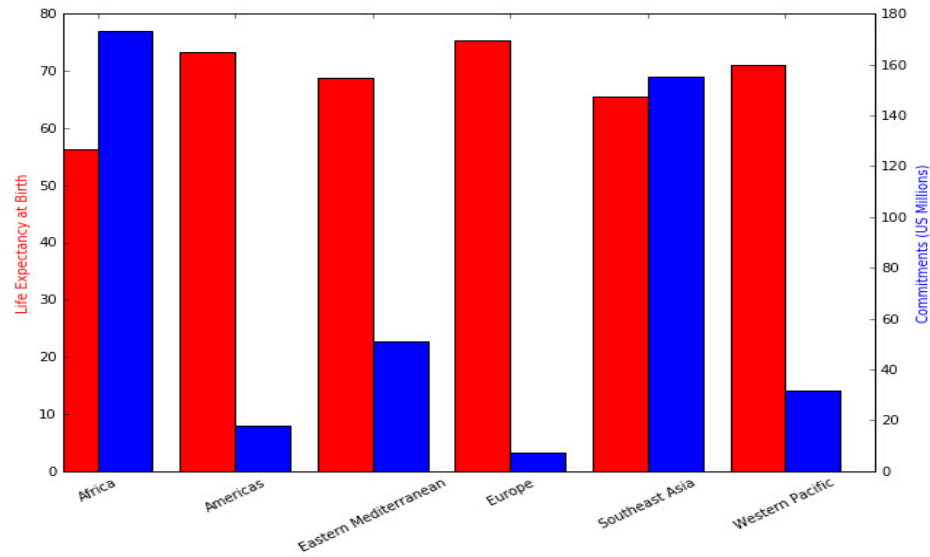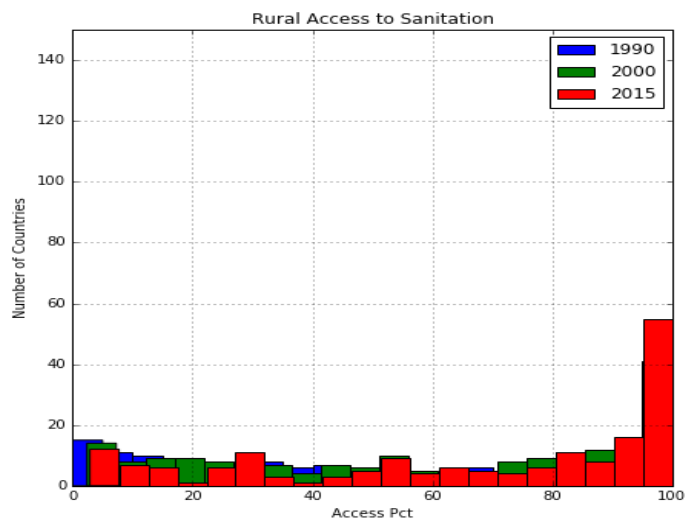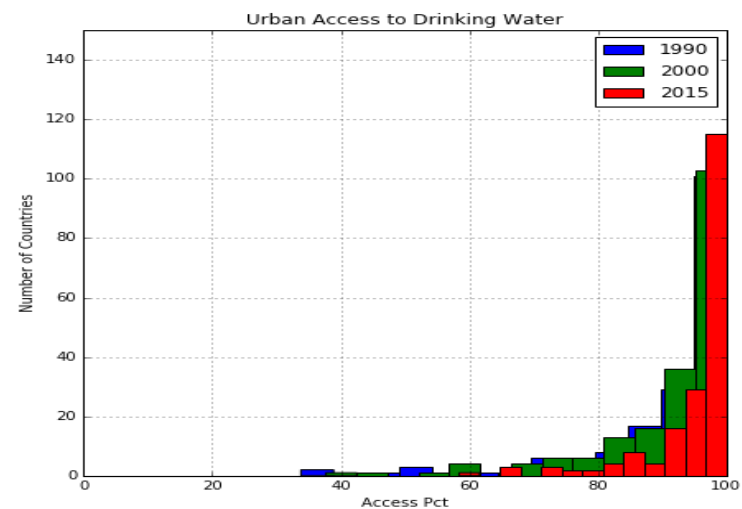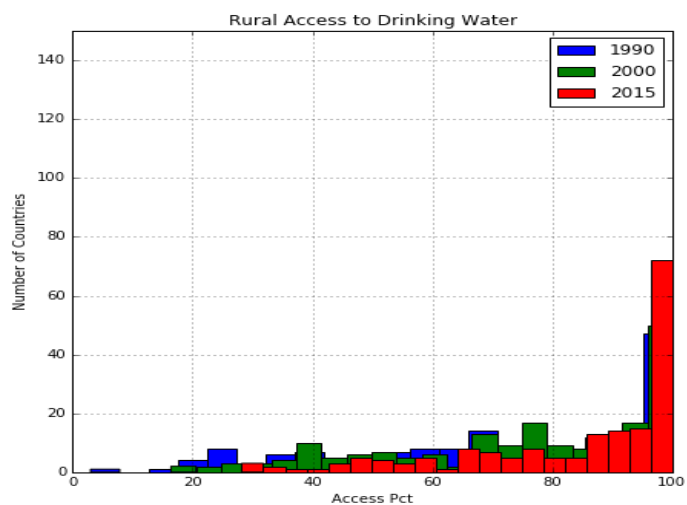
Water and Sanitation

Water and Sanitation

Changes in access over time
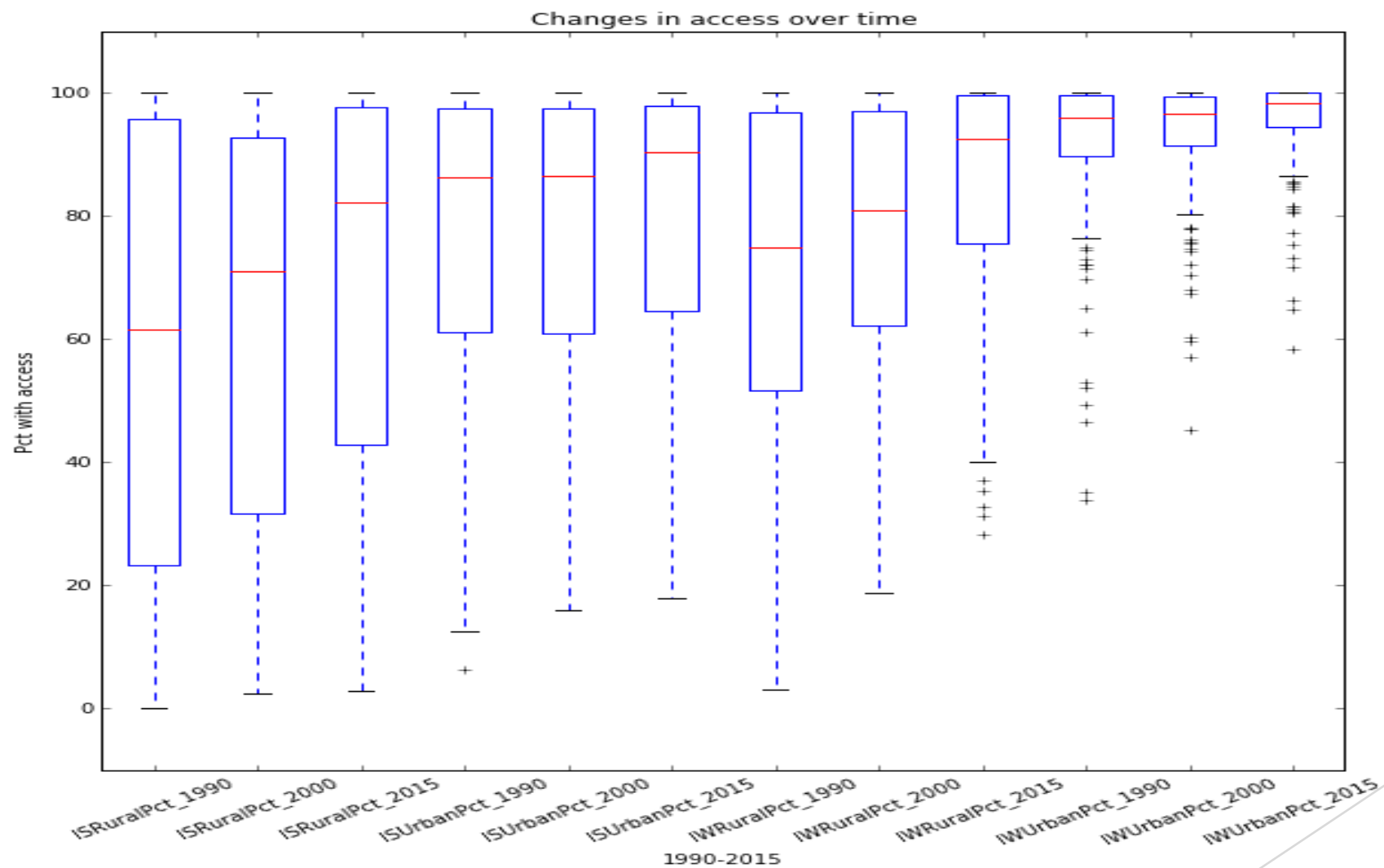
Water and Sanitation

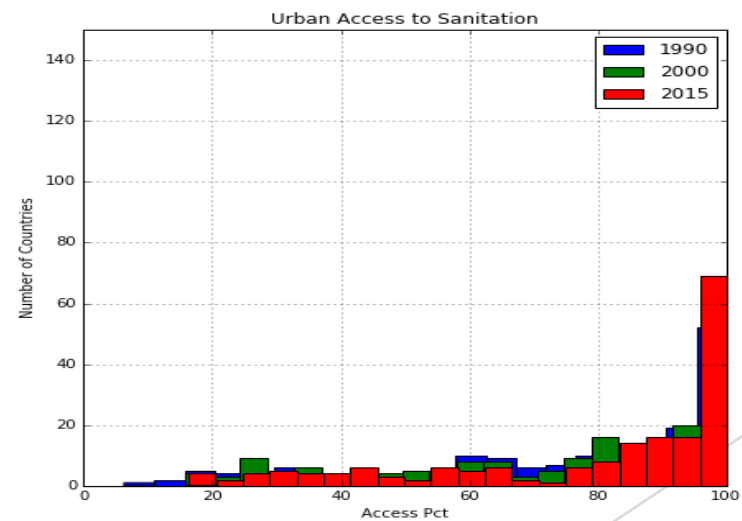|	IWRuralPct	IWUrbanPct	IWPct	ISRuralPct	ISUrbanPct	ISPct
HALEatBirth	0.778963	0.630919	0.803787	0.831852	0.844142	0.861756
LEat60	0.595615	0.514409	0.634142	0.654427	0.638081	0.679017
LEat60-Adj	0.595615	0.514409	0.634142	0.654427	0.638081	0.679017
LEatBirth	0.772890	0.638578	0.811423	0.820131	0.834542	0.856440
IWRuralPct	1.000000	0.740516	0.956718	0.826171	0.783679	0.819344
IWUrbanPct	0.740516	1.000000	0.824008	0.632543	0.643147	0.658210
IWPct	0.956718	0.824008	1.000000	0.802975	0.809191	0.840759
ISRuralPct	0.826171	0.632543	0.802975	1.000000	0.903372	0.973203
ISUrbanPct	0.783679	0.643147	0.809191	0.903372	1.000000	0.959781
ISPct	0.819344	0.658210	0.840759	0.973203	0.959781	1.000000

HIV Prevalances

Distribution of HIV Prevalances, 2013
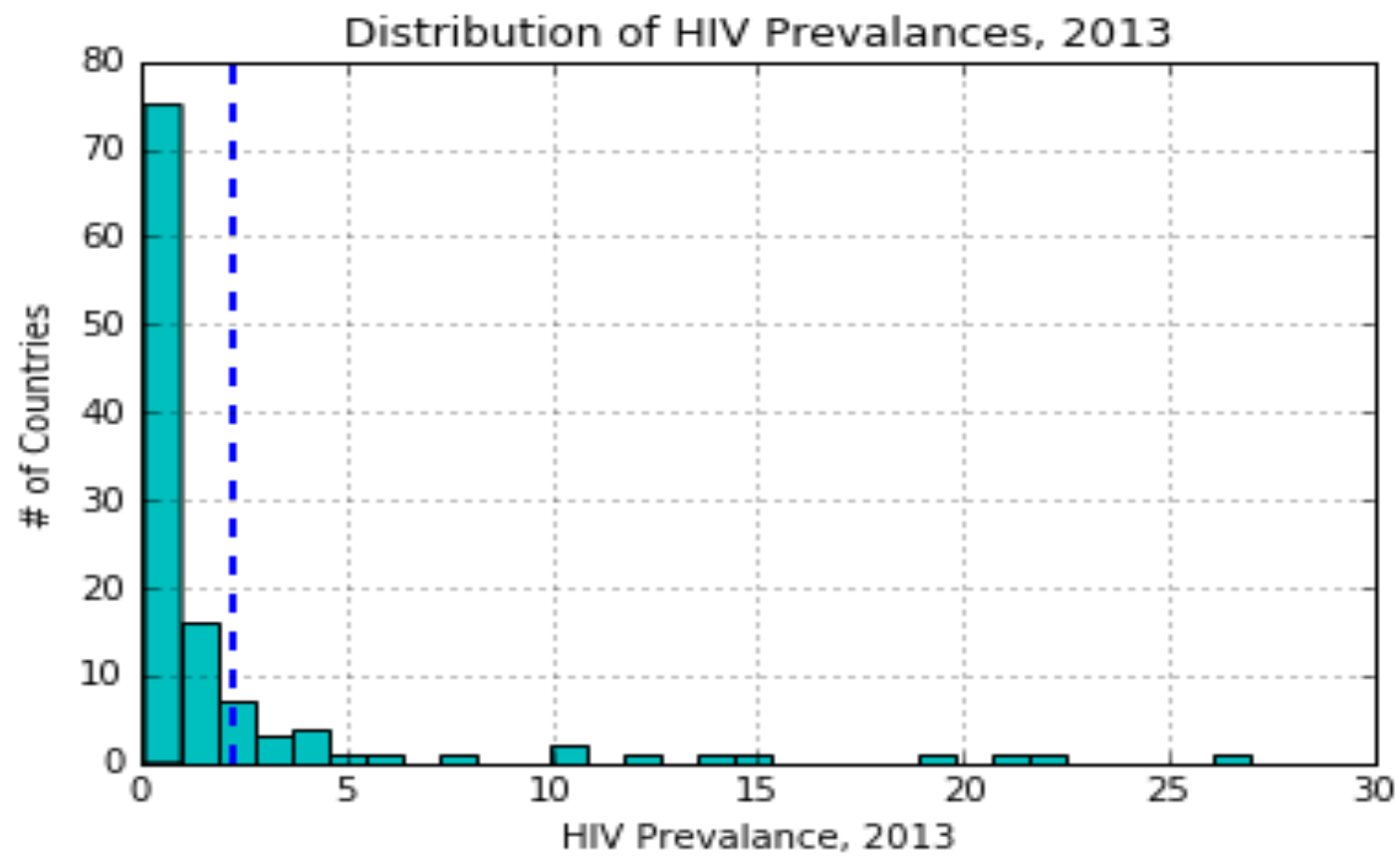
Change in HIV Prevalance

High HIV Countries

Changes over time in HIV Prevalance in Countries with High HIV Rates

HIV and Life Expectancy

HIV Prevalence and Life Expectancy at Birth
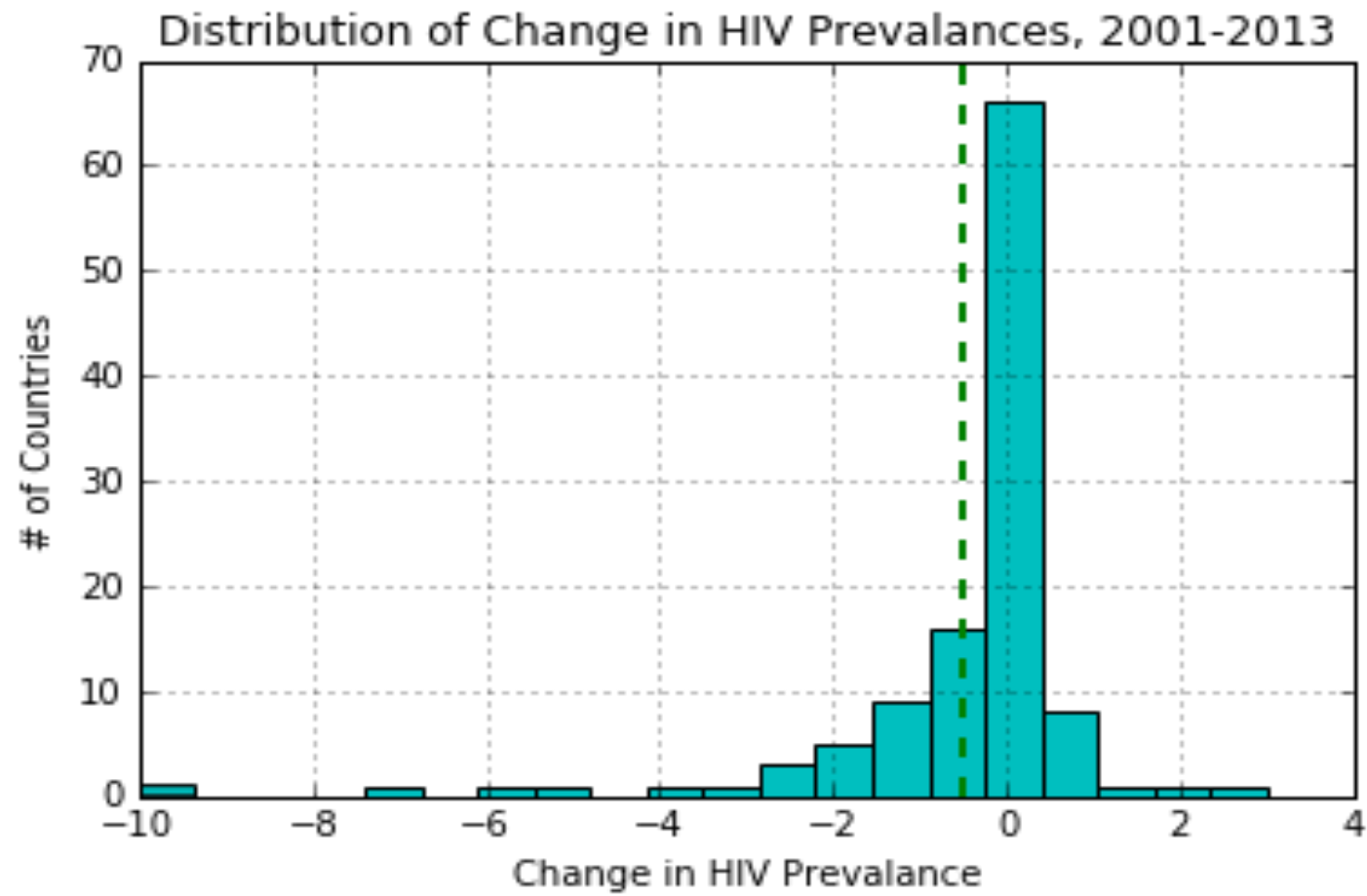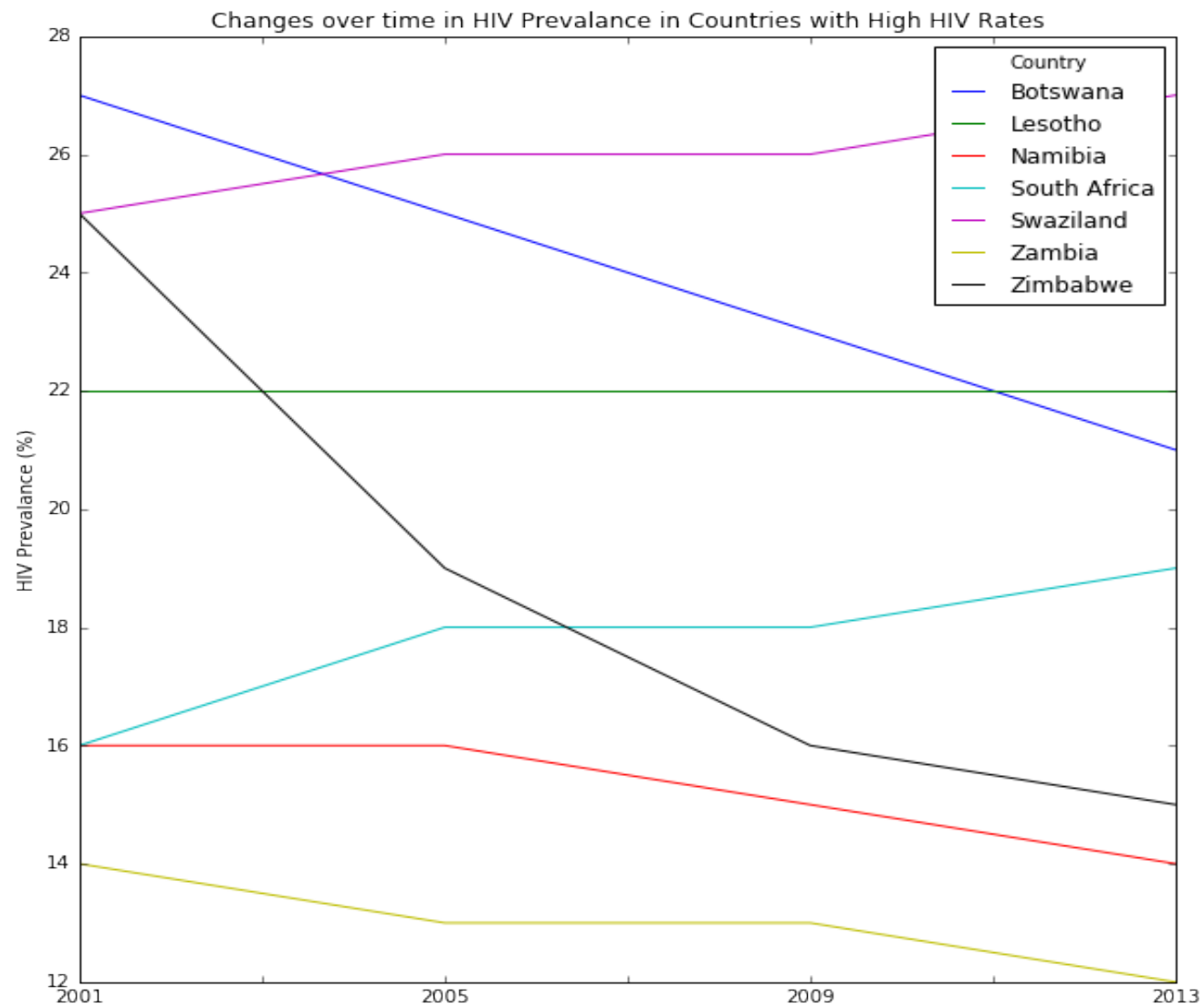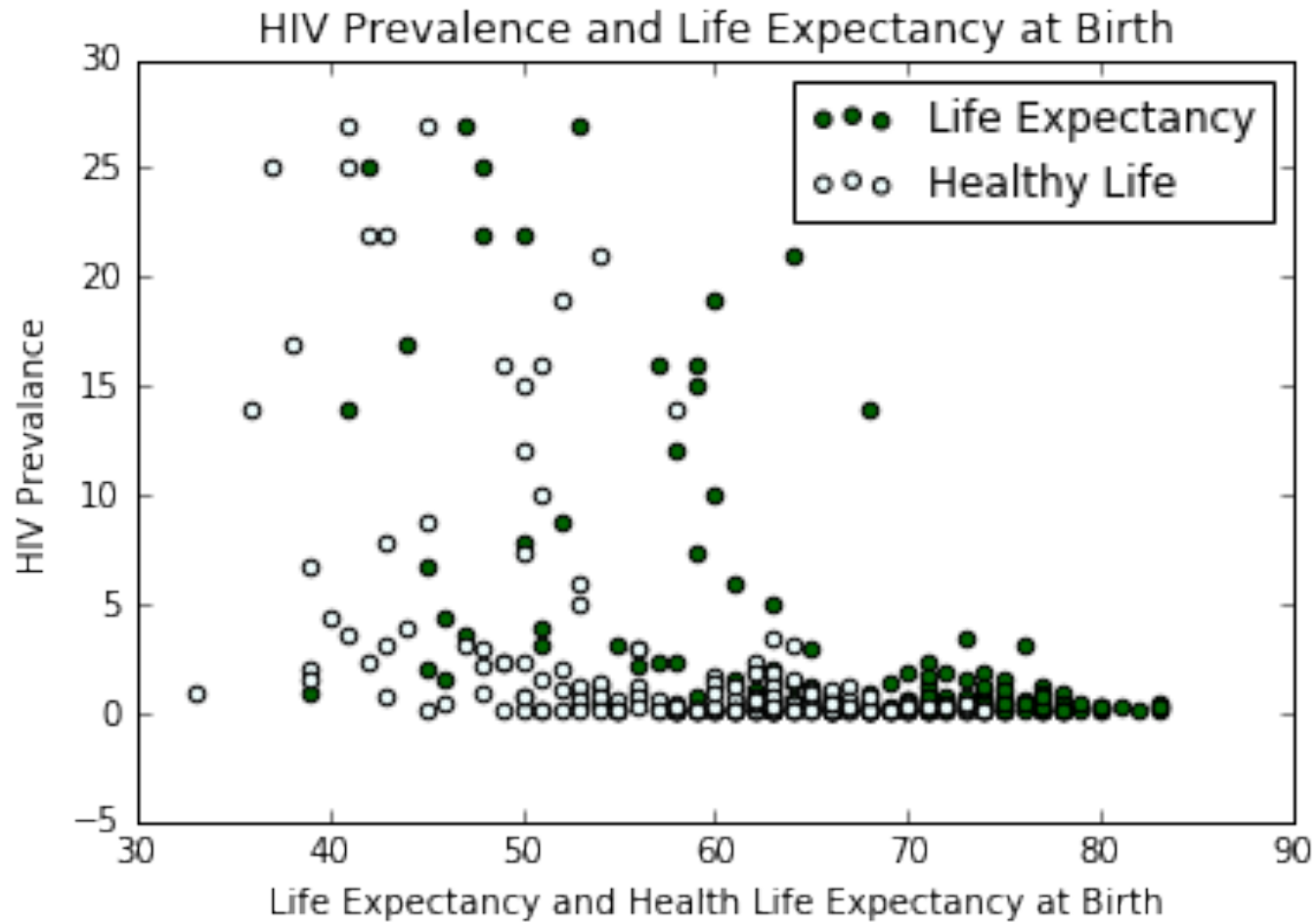
Health Expenditures
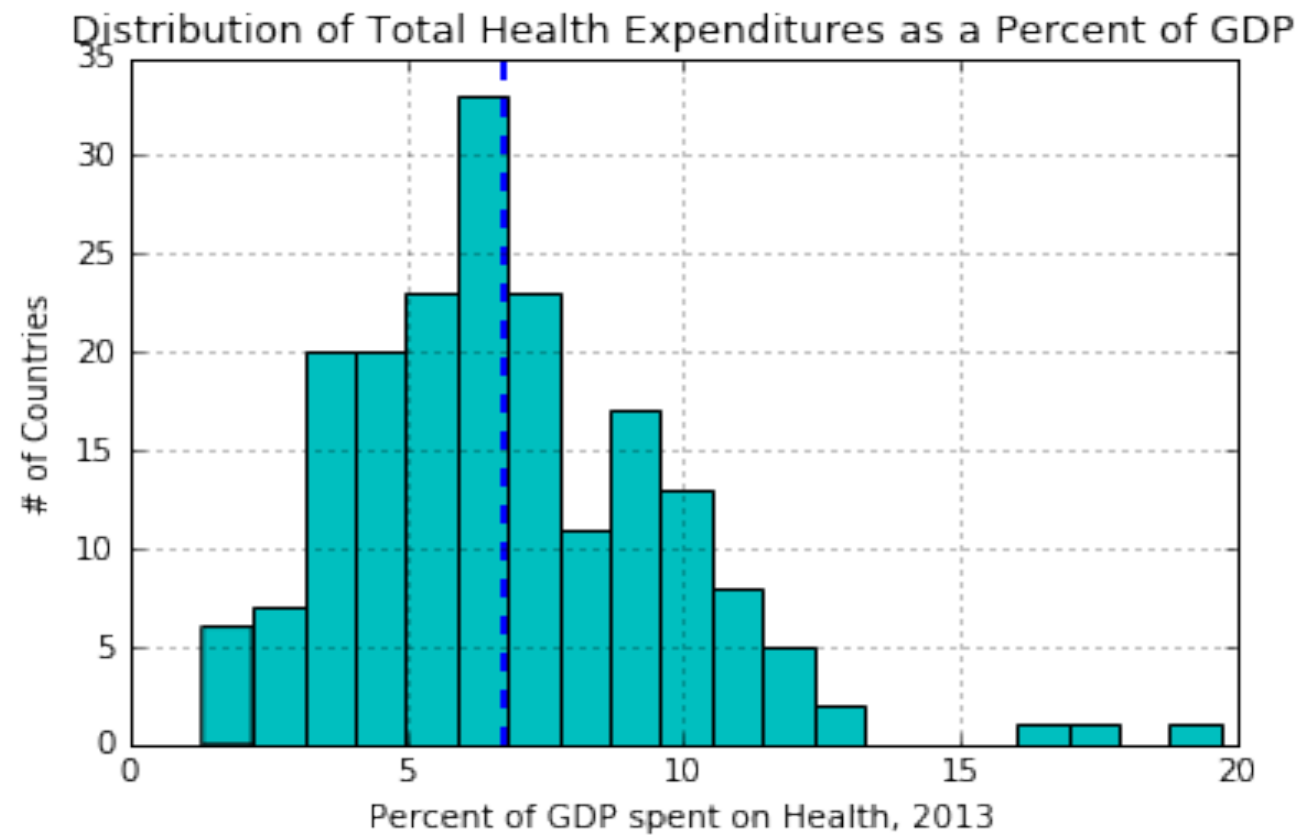
Countries with High Health Expenditures

Countries with Overall Expeditures(% of GDP)
2 Standard Deviations above the Mean
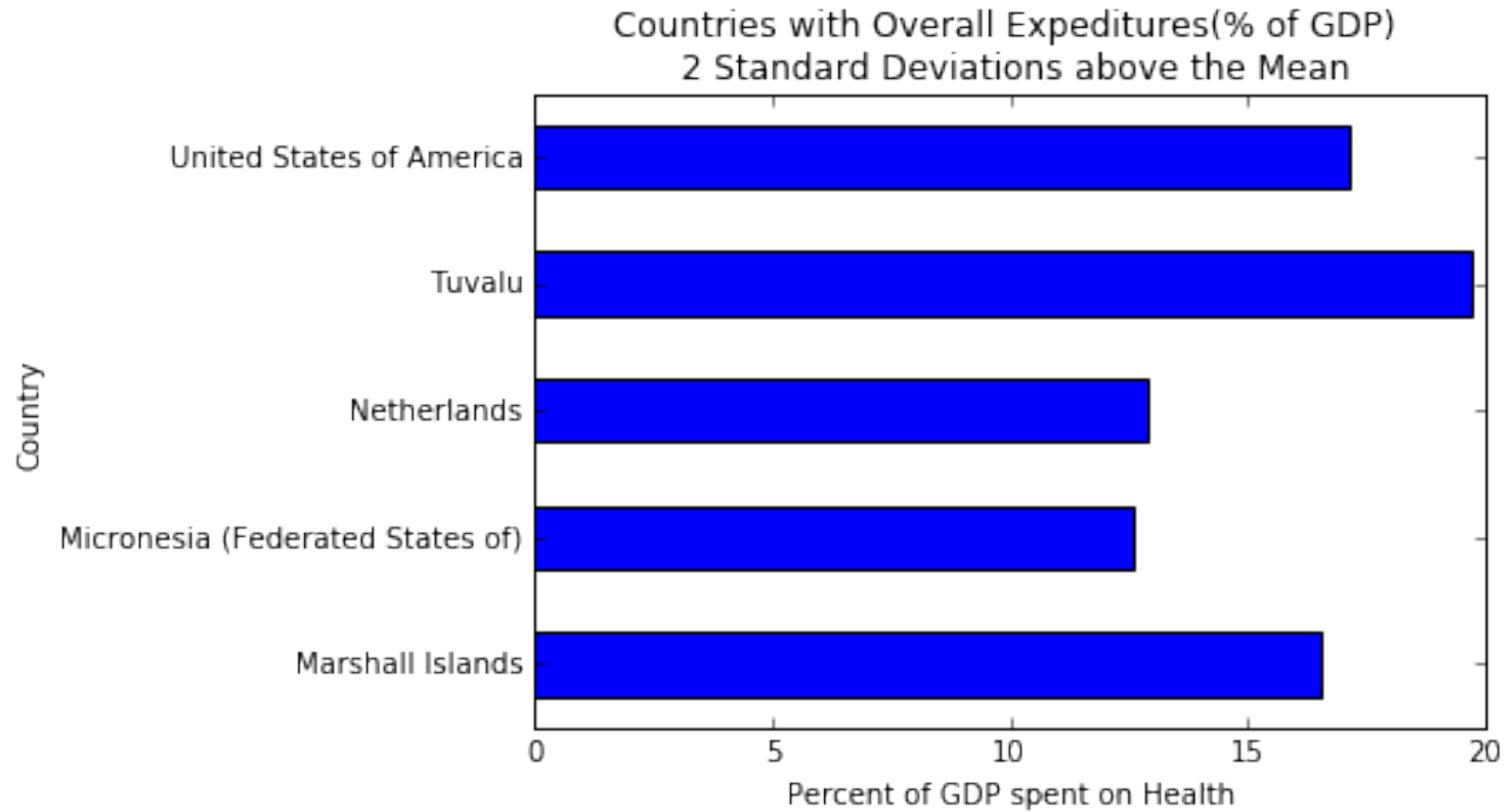
Health Spending, HIV and Life Expectancy

Health Care Expenditures and Life Expectancy at Birth among High and Low HIV countries