# Introduction to $\mathcal{R}$

## Session 4: ggplot2 Graphics

Dag Tanneberg[1]

Potsdam Center for Quantitative Research
University of Potsdam, Germany
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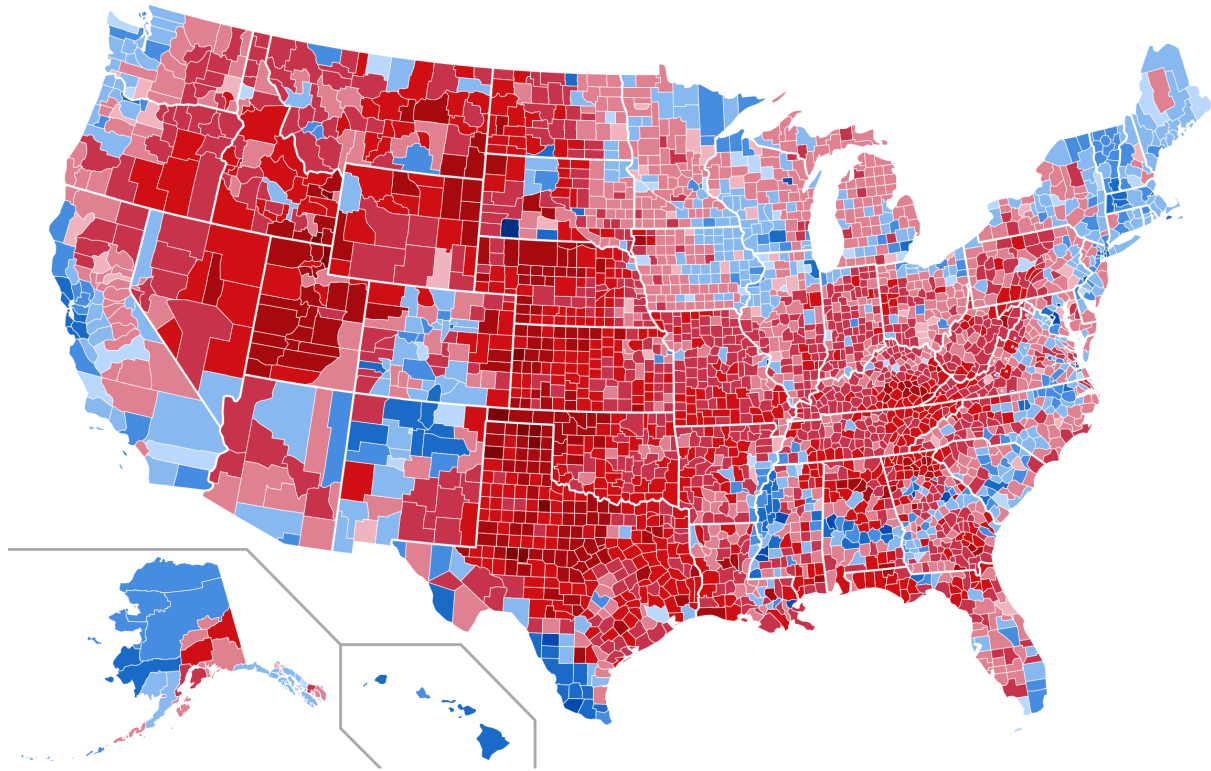
[1]Chair of Comparative Politics, UP dag.tanneberg@uni-potsdam.de

# Introduction

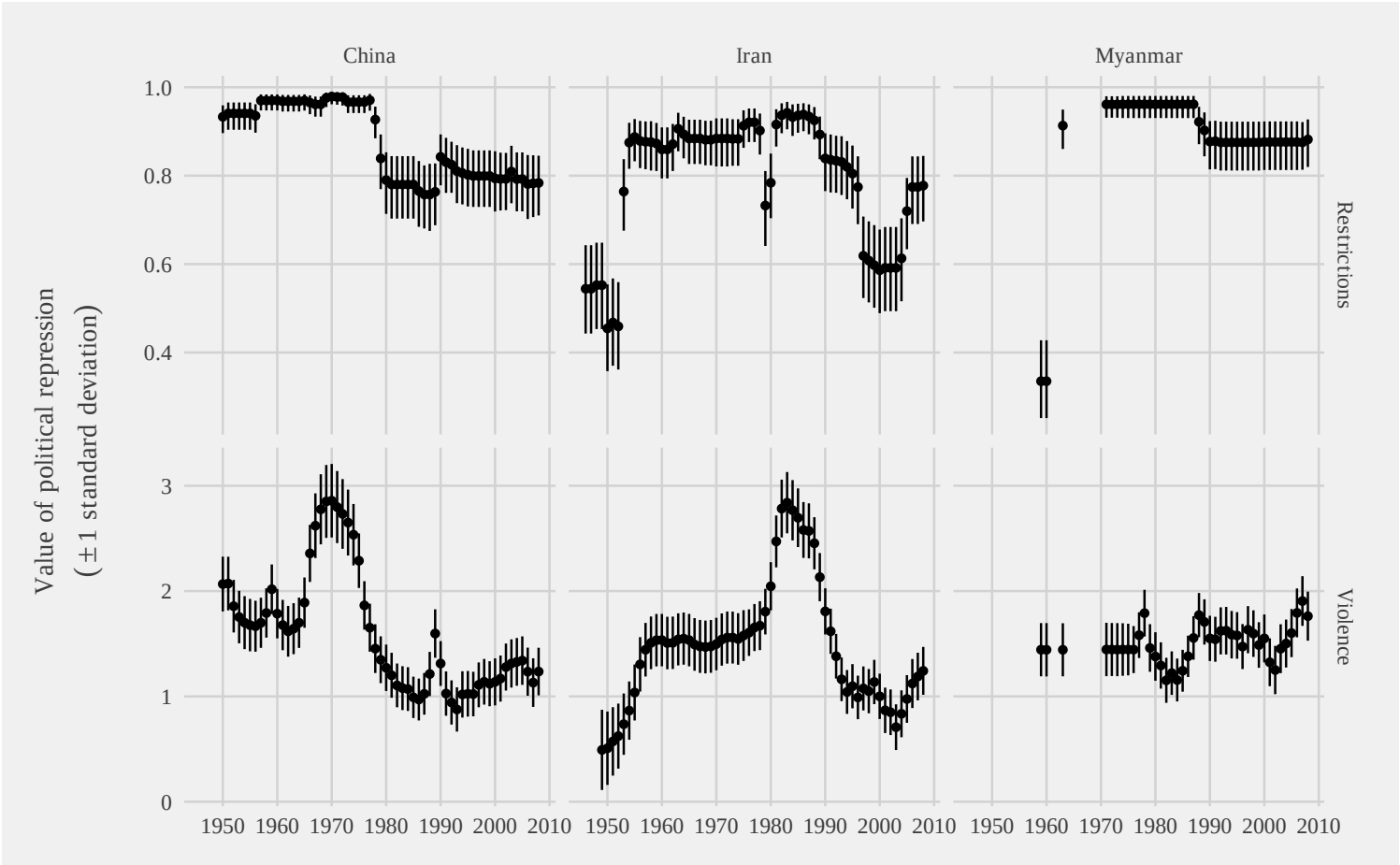
# A Taste of ggplot2

Figure 1: Vote Share in the 2012 Presidential Elections by County[2]



[2] Healan, K. forthc. Data Visualization. A Practical Introduction. https://socviz.co/maps.html (last access: 10/03/2018).

# More Tasting: Trajectories in Political Repression[3]




[3] Tanneberg, D. 2018. The Politics of Repression under Authoritarian Rule. How Steadfast is the Iron Throne? Dissertation Manuscript, Humboldt University Berlin, p. 54.

# Outline

1 Introduction

2 What is ggplot2?

3 How to talk to ggplot2?

4 Practice with ggplot2

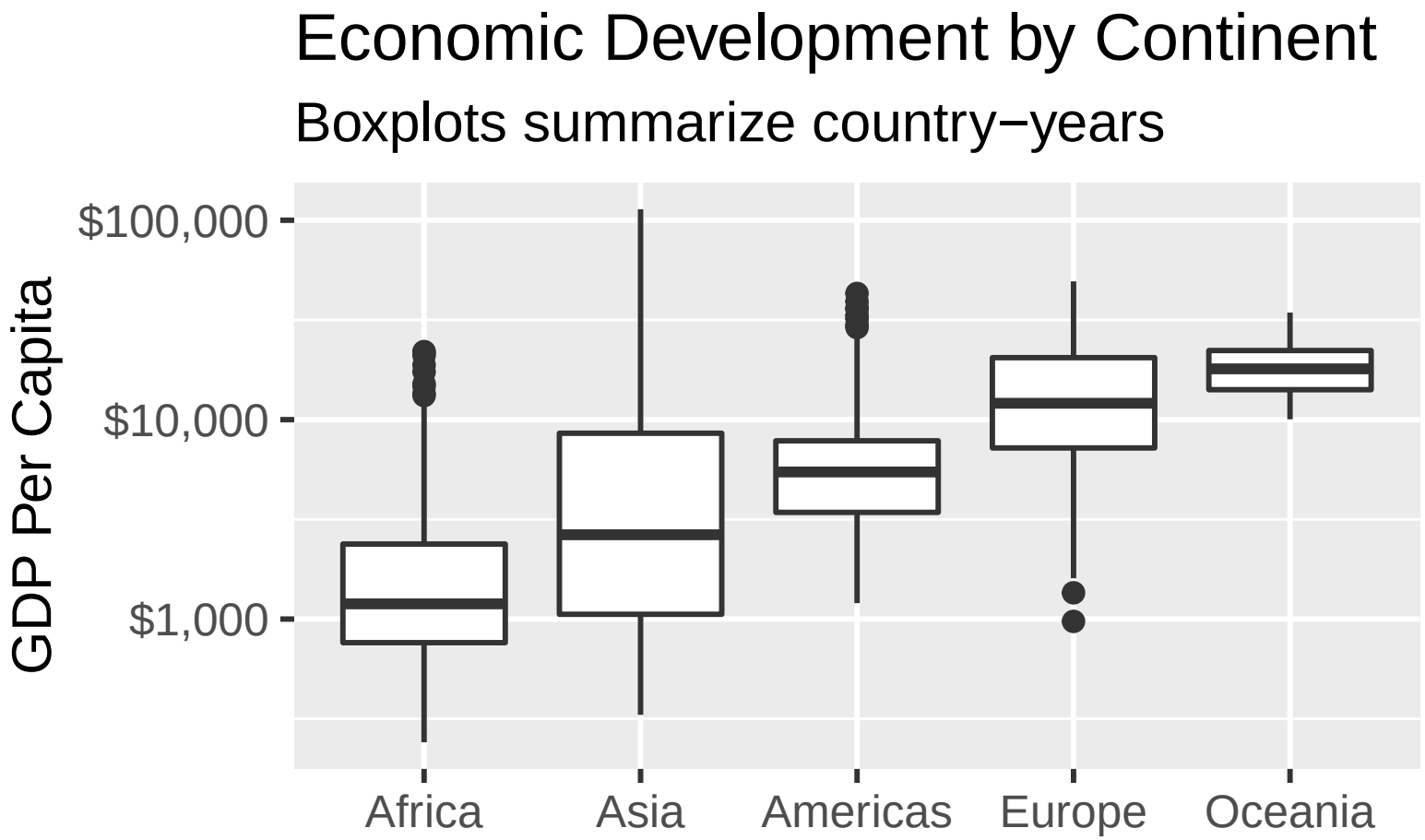
# What is ggplot2?

# Graphics Engines in $\mathcal{R}$

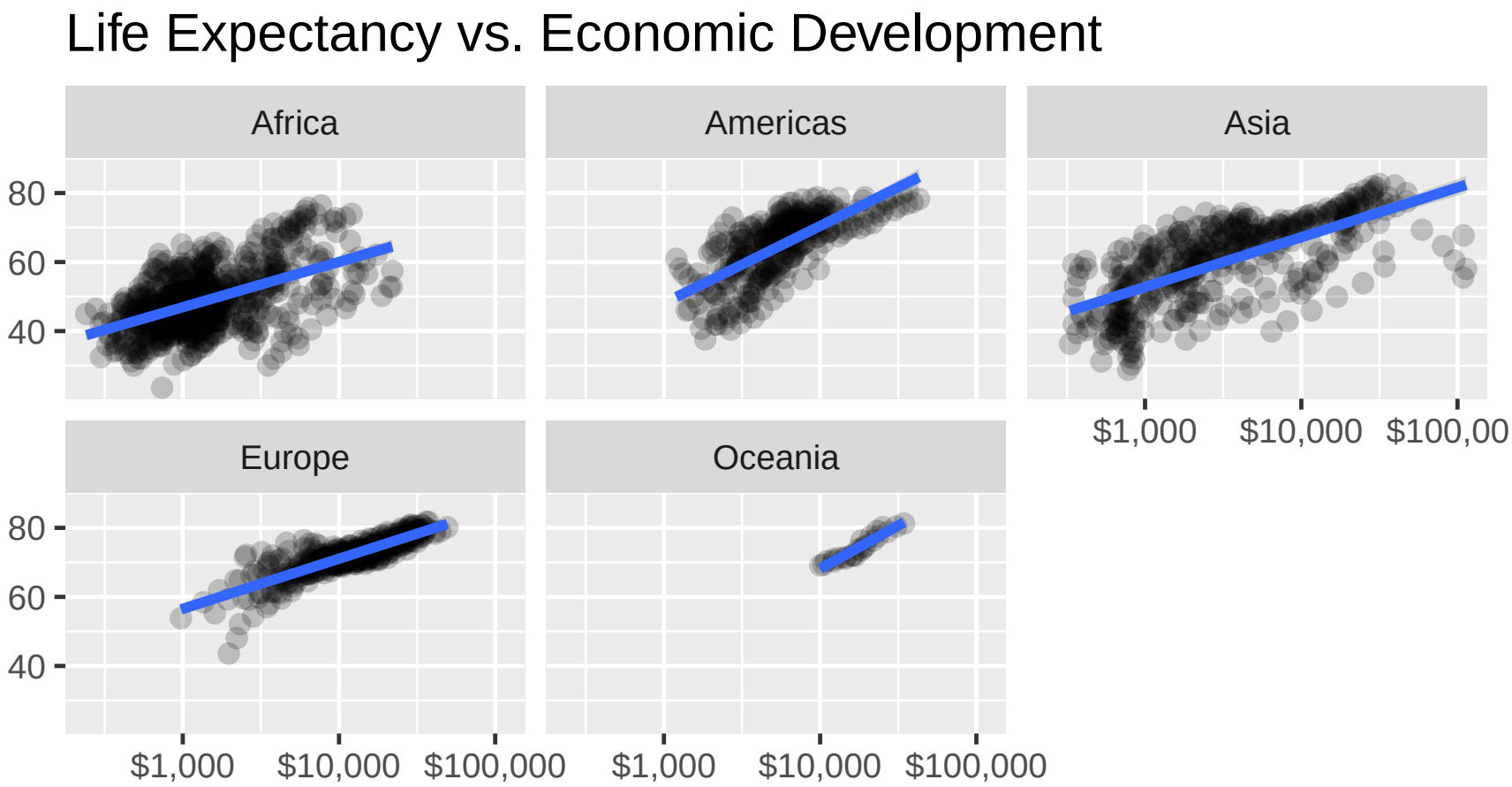
# Why use ggplot2?

# How to talk to ggplot2?

# Our target graph




Source: Gapminder.

# Practice with ggplot2

# Replicate this figure