

# Figures for Essential Measures: Ancestry, Race, and Social Difference

*Aaron Gullickson*

*August 16, 2016*

## Introduction

This program will reproduce the figures used in the article “Essential Measures: Ancestry, Race, and Social Difference” published in the American Behavioral Scientist.

The production of Figures 1-3 is dynamic and will input the currently processed CSV files for entropy, but Figures 4 and 5 will have to have the values manually changed based on the results from the models if changes are made. Those models are not read in directly because they are calculated in Stata.

## Figures

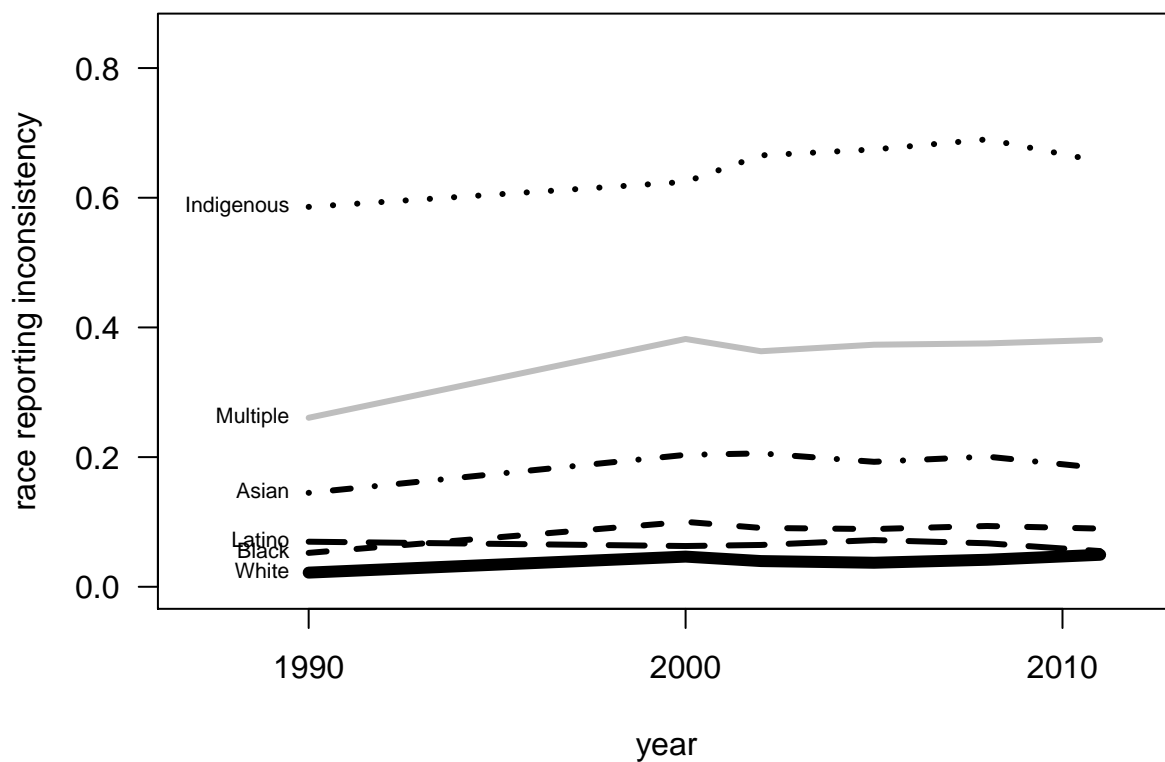


Figure 1: Race-reporting inconsistency time trend by big racial ancestry, 1990 to 2012

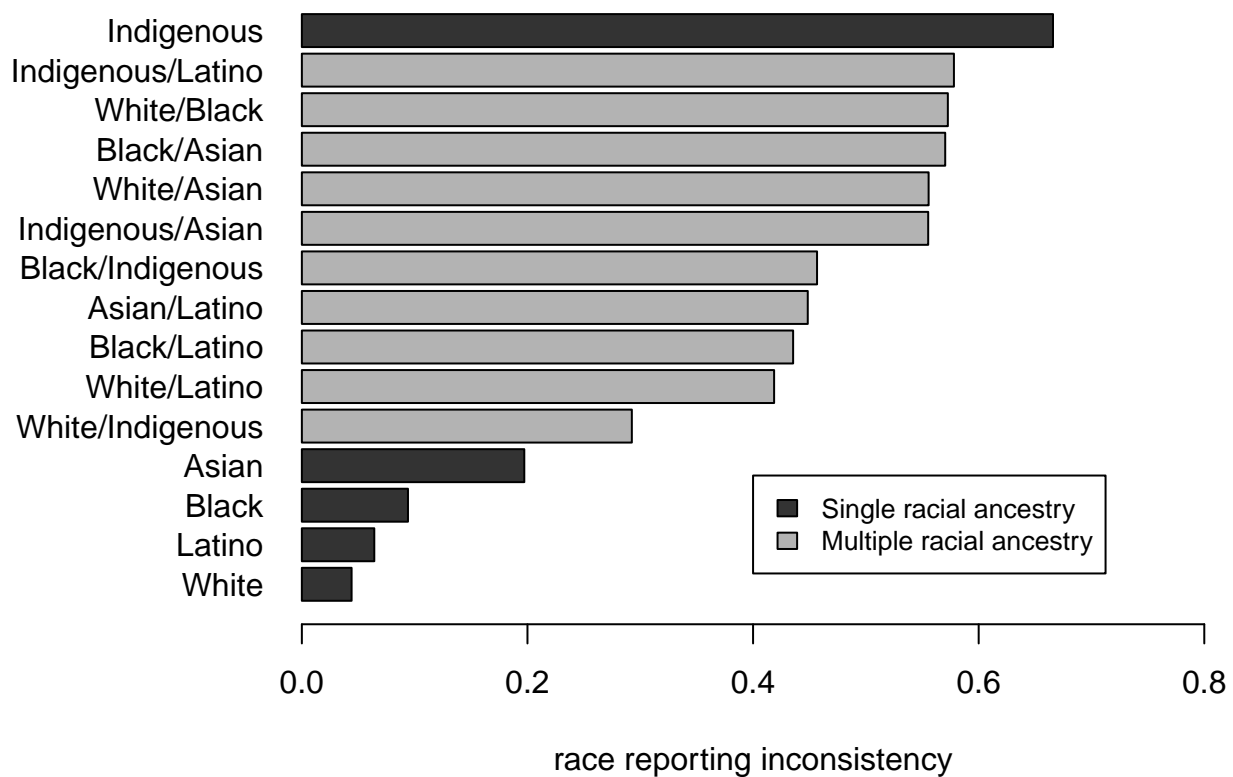


Figure 2: Race-reporting inconsistency by big race category among single and multiple racial ancestry respondents, 2000 to 2012

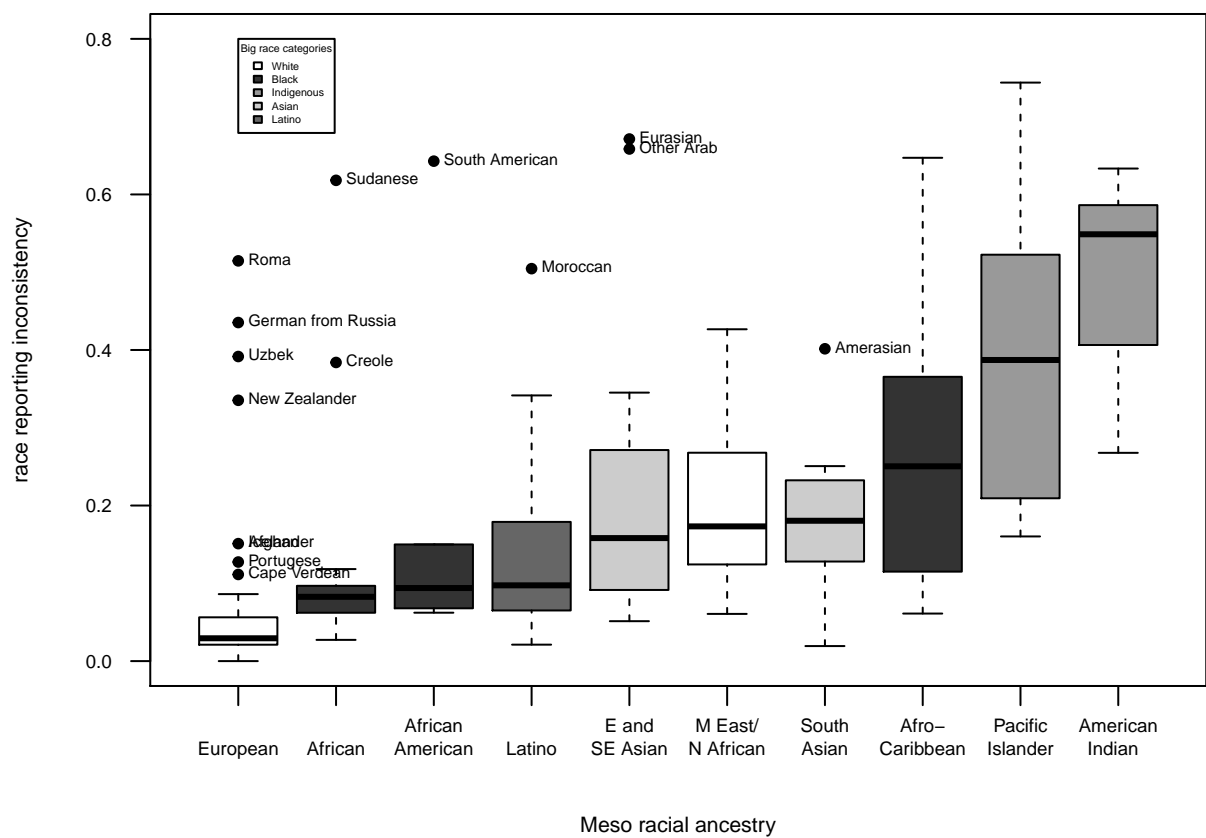


Figure 3: Boxplot of race-reporting inconsistency by individual ancestry among single ancestry respondents clustered by meso racial ancestry, 2000 to 2012

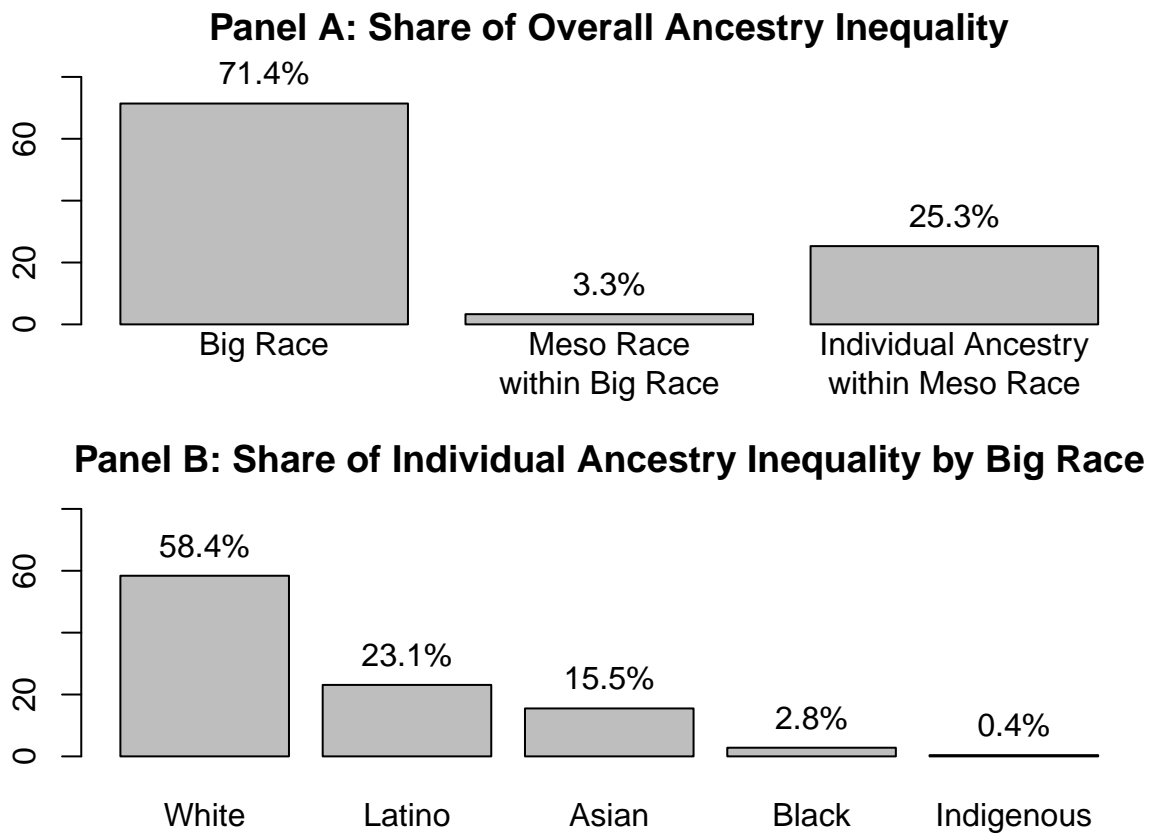


Figure 4: Partitioning of the overall ancestry inequality in college completion from 2000 to 2012 by big race, meso race, and individual ancestry components

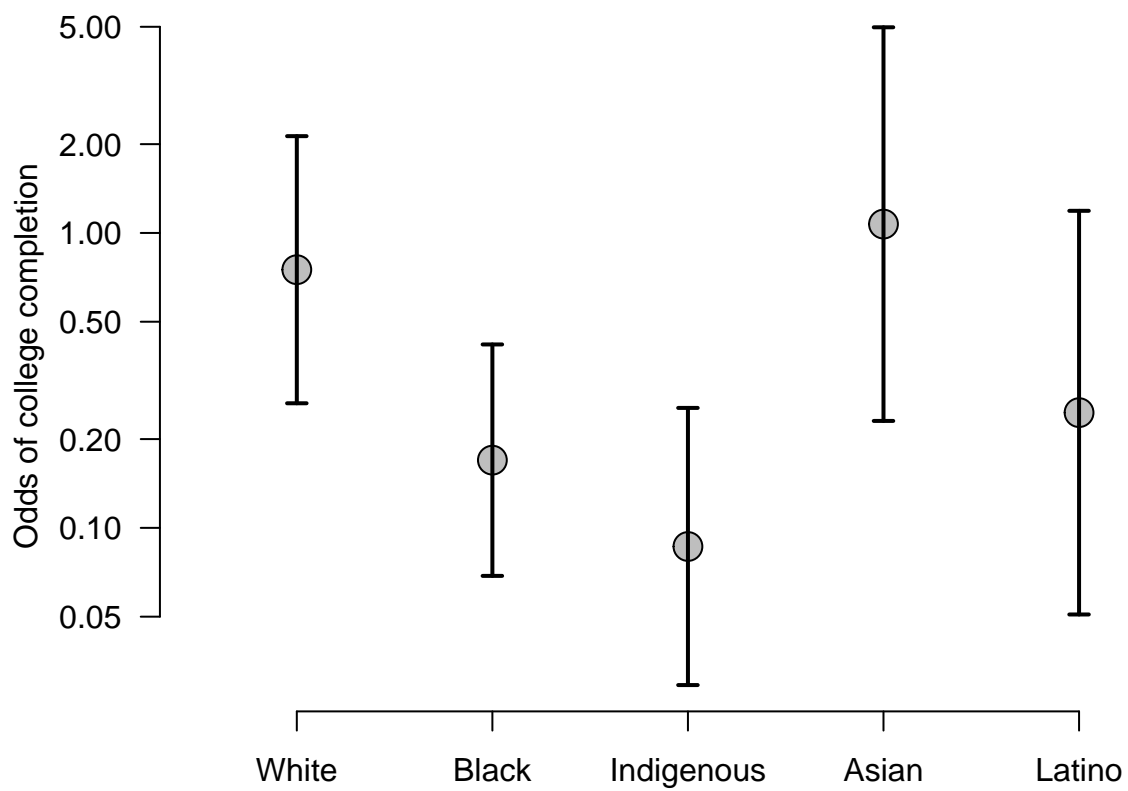


Figure 5: Average big race differences in college completion and within big race variation by individual ancestry, 2000 to 2012