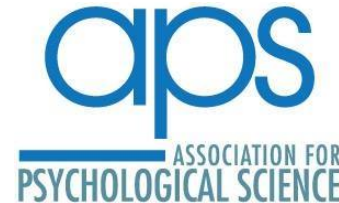




APS Workshop: **Introduction to Python**
San Francisco, CA, 24 May 2018

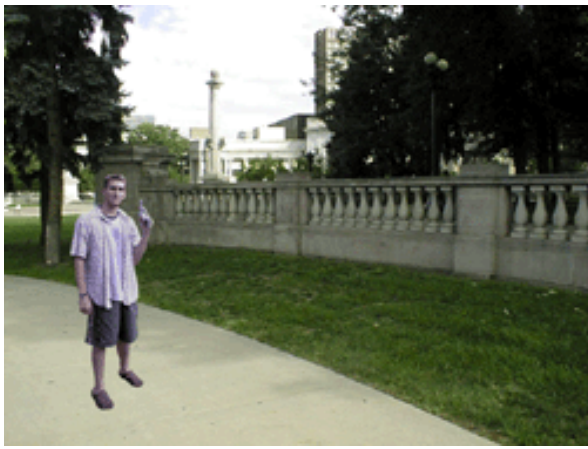


Our Dataset

Christian C. Luhmann
Stony Brook University

Dataset

- We will be illustrating various packages using a single data set
- Joshua Correll's **police officer's dilemma** task
 - psych.colorado.edu/~jclab/FPST.html
- We will build this task later on (twice!)



Task: to shoot or to not shoot

Design

Race

White

Black

Object

Gun

Not gun

Dataset

- We will present multiple images per “cell” of this design
- We will collect both responses (accuracy) and reaction times
- At the beginning of the experiment, we will ask for subjects’ ages

Outline

1. Overview
2. Ways of using Python
3. Python basics
4. Data set overview
5. Data wrangling
6. Statistics
7. Plotting
8. Experiment creation