# In-person session 7

**October 4, 2021** 

PMAP 8521: Program evaluation Andrew Young School of Policy Studies

#### Plan for today

**FAQs** 

RCTs

**Matching and IPW** 

Sensitivity analysis

### **FAQs**

# Are there really studies linking PhD students and mozzarella cheese consumption?

No, but there's this website

#### Randomness

How do we use random.org for things in R?

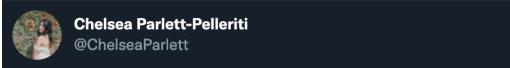
### RCTS

#### RCTs and ethics

## Do we really not control for things in an RCT?

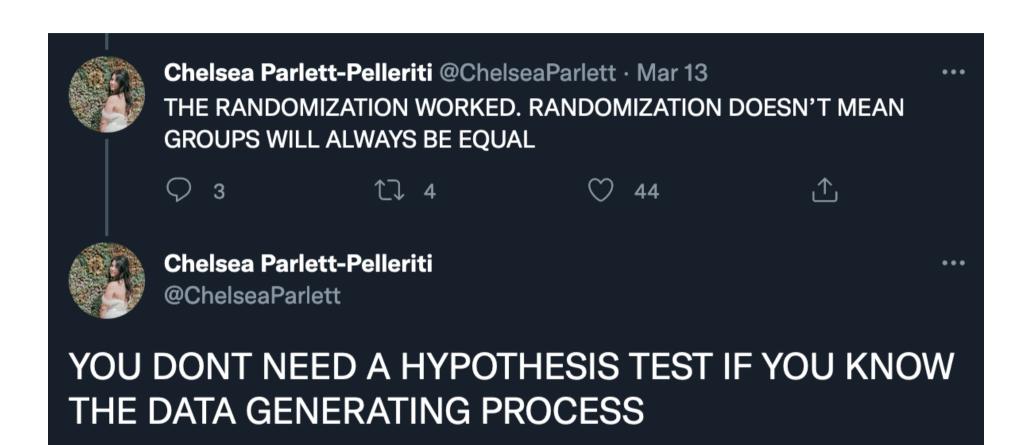
#### Randomness and arrow deletion

#### **Balance tests**



Trying to convince someone NOT to do t-tests to compare randomly assigned groups at baseline





1:18 PM · Mar 13, 2021 · Twitter for iPhone

### Matching and IPW

# Can you walk through an example of IPW and matching in class?

# Why not just control for confounders instead of doing the whole matching/IPW dance?

# Which should we use? Matching or IPW?

#### Are weights ever problematic?

## Sensitivity analysis

## How do we know when we've got the right confounders in our DAG?

How do we solve the fact that we have so many unknowns in our DAG?