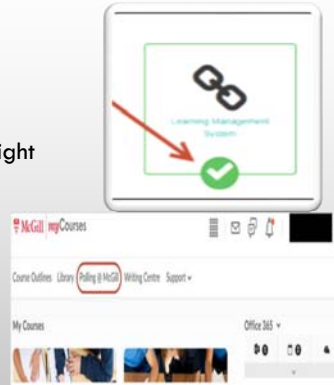


VERIFY THAT YOU ARE SIGNED INTO POLLING

- 1) Login to the [Turning account](https://account.turningtechnologies.com/account) page.
- <https://account.turningtechnologies.com/account>
- 2) Click **Dashboard** on the left side menu and on the right you should see a green check mark for **Learning Management System**.
- 3) If you do not see the Learning Management System green check mark from the Turning account page:
 - Login to myCourses, from the myCourses homepage,
 - click the **Polling @ McGill** link.
 - You will be redirected to your Turning Account.
 - If you did not create your account, follow the onscreen instructions.
 - If you did create your account, verify that a green check mark for **Learning Management System** appears.



POLITICAL SCIENCE RESEARCH METHODS

LECTURE 3: FOUNDATIONS OF POLITICAL ANALYSIS CONT. & ROLE OF THEORY

Research Methods

2

TODAY'S PLAN



The Social Science of Michael Moore's Columbine



The Scientific Method & Research Process



The Role of Theory



Pretest



Featuring: Michael Moore's Bowling for Columbine

- Academy Award for best Documentary
- During movie think about:
 - What is Moore's question?
 - Does he have a hypothesis? If so which?
 - What are his dependent and independent variables?
 - How does he test his question/hypothesis?

Research Methods

4

How scientific is Michael Moore?

- How does he explore the issue? Research Design?
 - Longitudinal Comparison in US
 - Cross-national Comparison
- How does he collect evidence?
 - Often asks select people
 - Compares select cities/nhoods
 - Measurement of poverty?
 - Relative and absolute gun violence

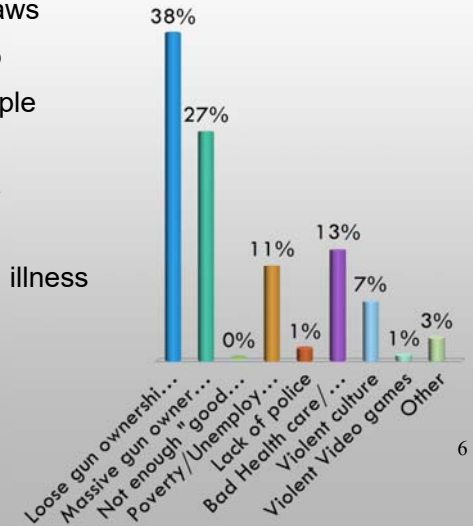
Research Methods



What do you believe is the cause of high levels of gun violence in the US? (click all that apply)

1. Loose gun ownership laws
2. Massive gun ownership
3. Not enough "good" people carry guns
4. Poverty/Unemployment
5. Lack of police
6. Bad Health care/Mental illness
7. Violent culture
8. Violent Video games
9. Other

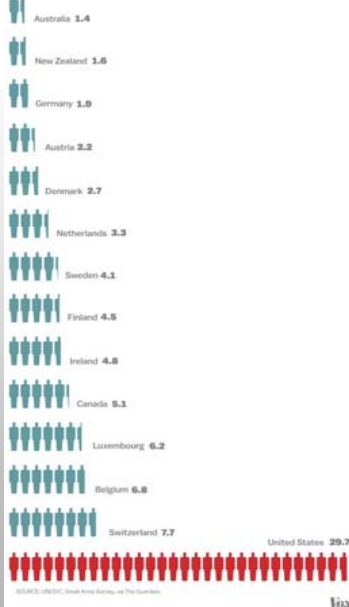
Research Methods



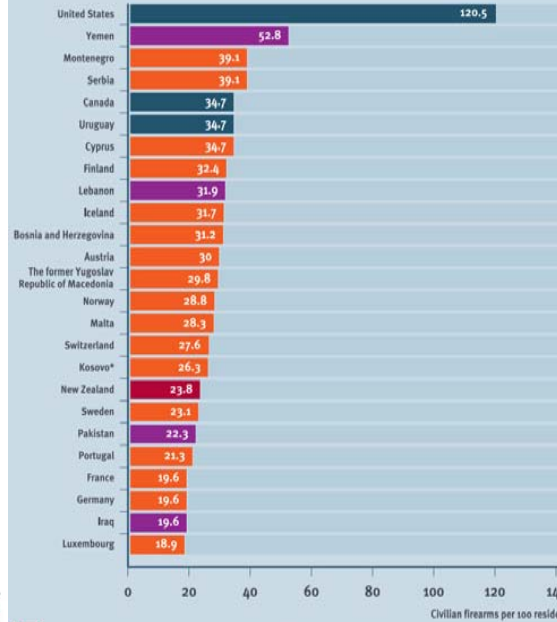
6

Homicides by firearm per 1 million people

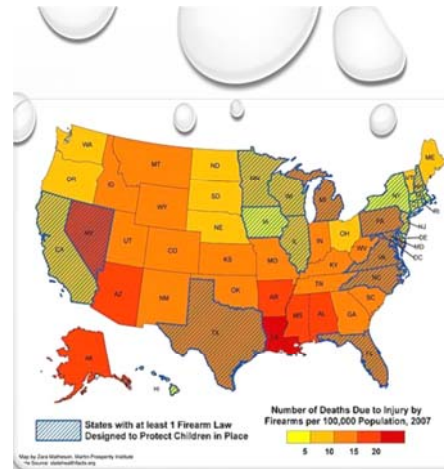
Continued from slide according to the Human Development Index. Numbers are for 2002.



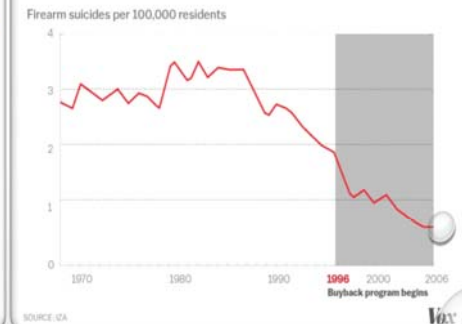
Countries and territories with the highest numbers of civilian firearms per 100 residents



*The designation of Kosovo is without prejudice to positions on status and is in line with UN Security Council Resolution 1244 and the International Court of Justice Opinion on the Kosovo declaration of independence



Rate of firearm suicides after Australia's gun buyback program



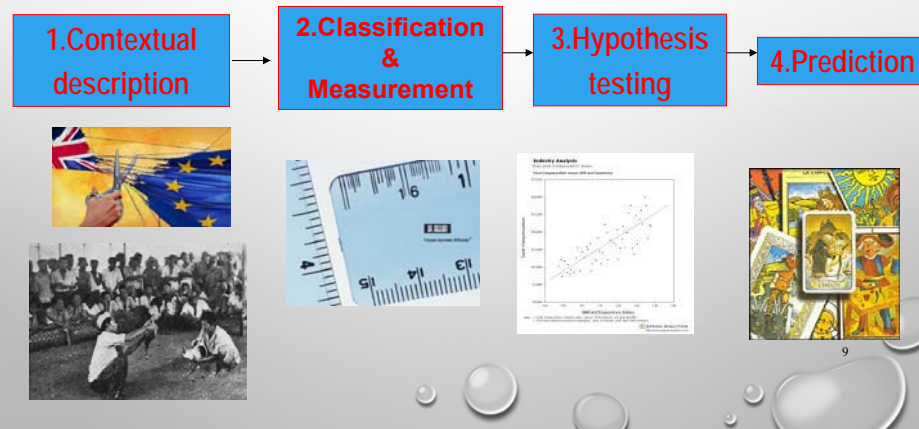
GUN LAWS

TIGHTER GUN LAWS RELATE WITH LOWER NUMBER OF GUN-RELATED DEATH

Research Methods

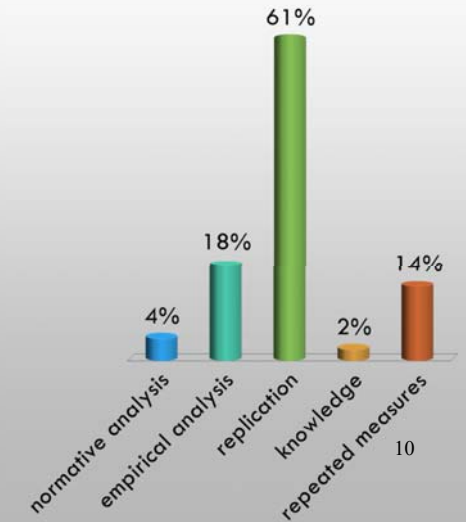
8

AIMS OF EMPIRICAL ANALYSIS IN POLITICAL SCIENCE

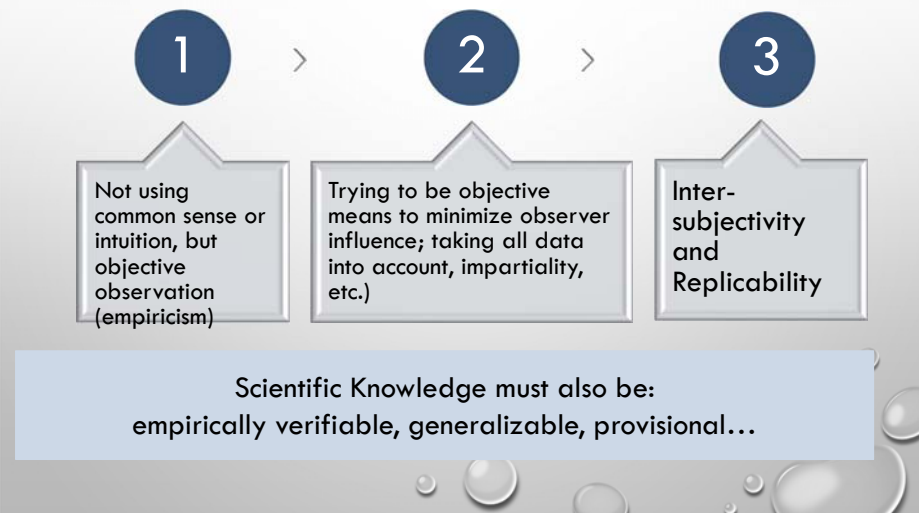


Intersubjectivity requires that more than one observation occurs; in the scientific process this practice is known as

1. normative analysis
2. empirical analysis
3. replication
4. knowledge
5. repeated measures



ESSENCE OF SCIENTIFIC METHOD



Researcher retracts landmark same-sex marriage study, claims co-author 'fabricated' data



DA/RT Initiative



- DATA ACCESS
- RESEARCH TRANSPARENCY
- ANALYTIC TRANSPARENCY

THIS WEEK



01

Read
chapter by
Shivley

02

Assignment
1 is coming
up (fill in a
survey to
get points)

03

Check our
additional
resources online

04

Make sure you
signed up for
a lab/
conference
(problem with
Monday
morning)

PRETEST



Goal:

See your progress
Gives me an understanding of
what you know



Go to My courses and sign in with
your McGill ID, fill in ALL QUESTIONS



First a few general questions that do
not result into any points



30 Questions make up the Pretest



Winner gets a surprise on Thursday
everyone who COMPLETES the pretest gets a
point counting towards participation