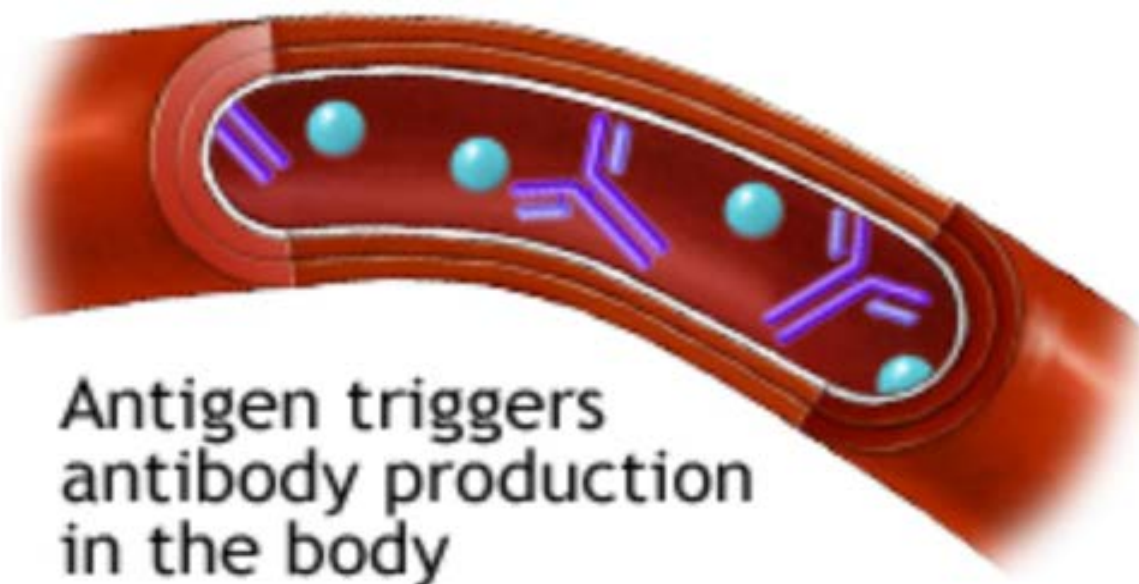
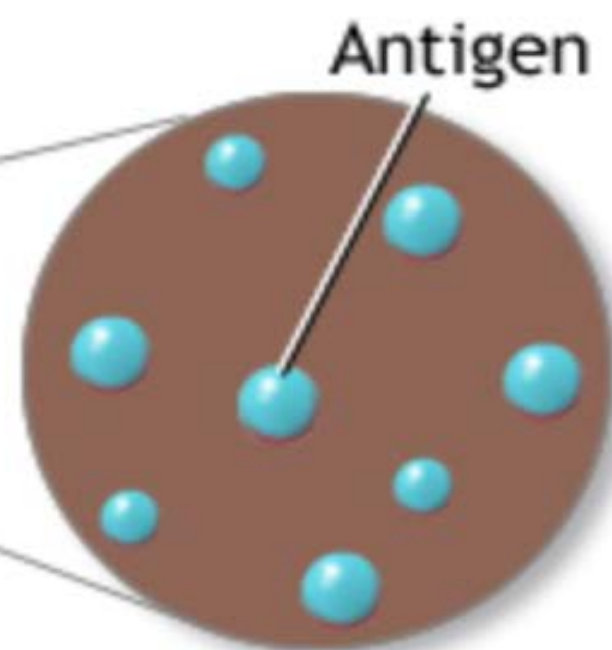
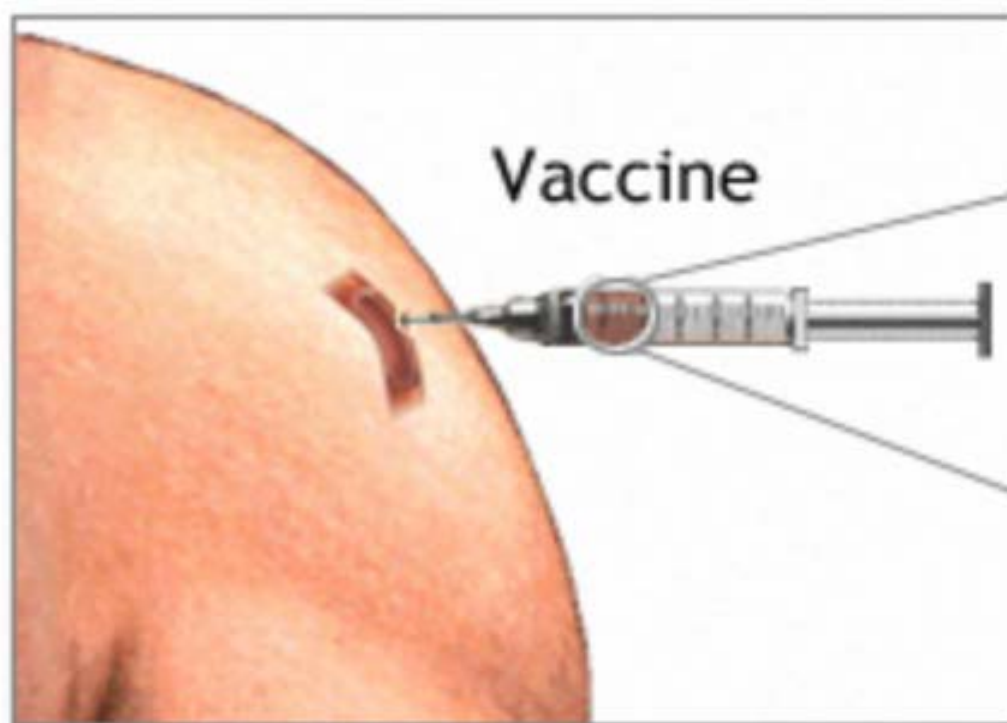


A Psychological Vaccine Against Misinformation

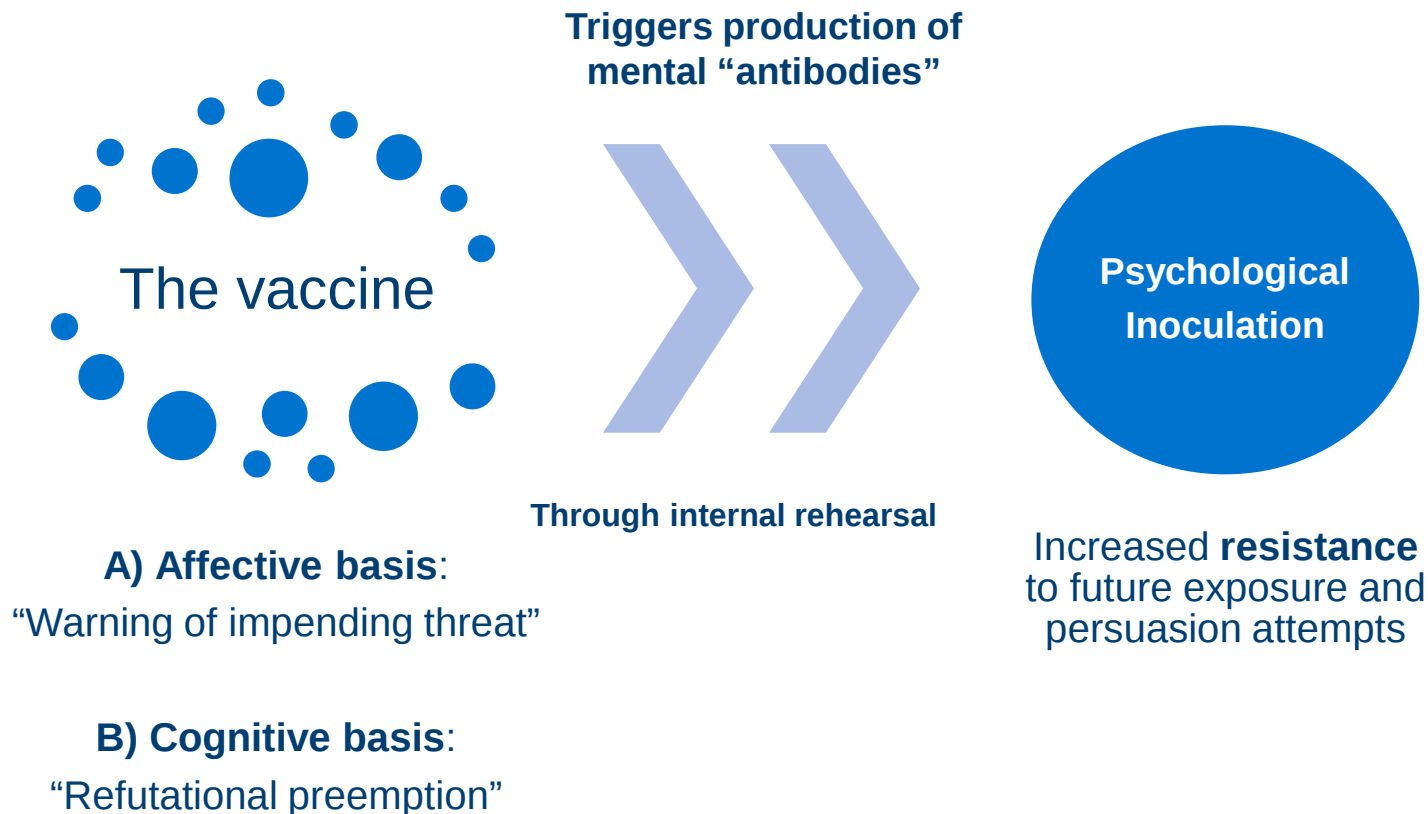
Prof Sander van der Linden

**Cambridge Social Decision-Making Lab (CSDM)
Department of Psychology, University of Cambridge
Winton Centre for Risk and Evidence Communication**

@Sander_vdLinden



The process of psychological “inoculation”



A psychological vaccine against fake news

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4:06

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Spot Fake News By Making It

March 18, 2018 · 8:03 AM ET

Heard on Weekend Edition Sunday

NPR's Lulu Garcia-Navarro talks with Sander van der Linden of the Cambridge Social Decision-Making Lab about his online game which tries to teach players about fake news by making them produce it.

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Technology

Game helps players spot 'fake news'

22 February 2018



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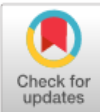
Physical Sciences ▼

Social Sciences

NEWS FEATURE

News Feature: Finding a vaccine for misinformation

Gayathri Vaidyanathan

PNAS August 11, 2020 117 (32) 18902-18905; first published July 22, 2020 <https://doi.org/10.1073/pnas.2013249117>

The Fake News Game: Bad News! (fakenewsgame.org)



The Fake News Game (www.getbadnews.com)

SCANDAL!

THE CORONAVIRUS
COVERUP: WHAT
THEY DON'T WANT
YOU TO KNOW!

TERRIFYING STORY!

TCP

The Cosmos Post

Bursting the mainstream media bubble

@WHO when are you guys
going to comment on the
accusations that #Covid19
is a manufactured
bioweapon?

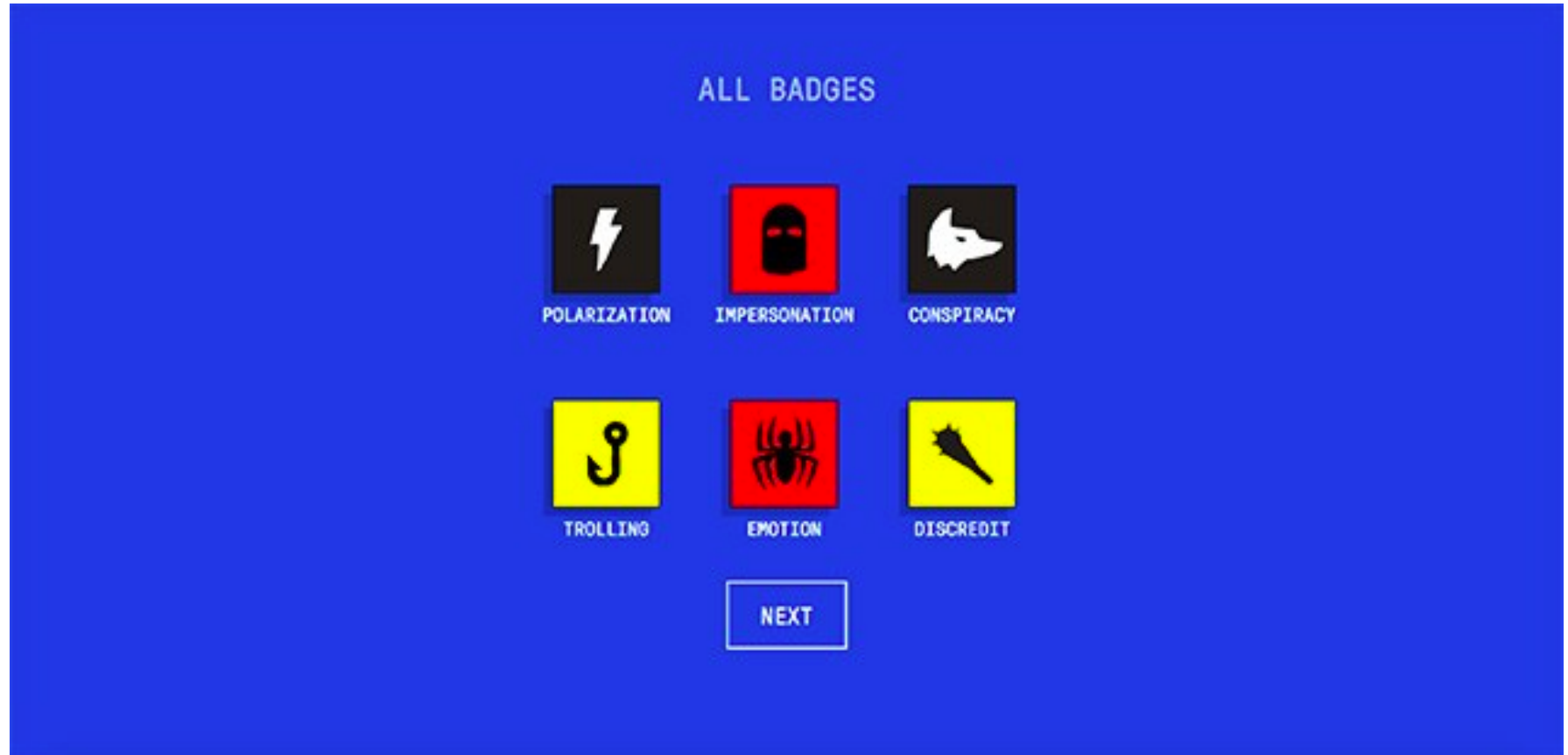
Naah

Tweet this

Not interested

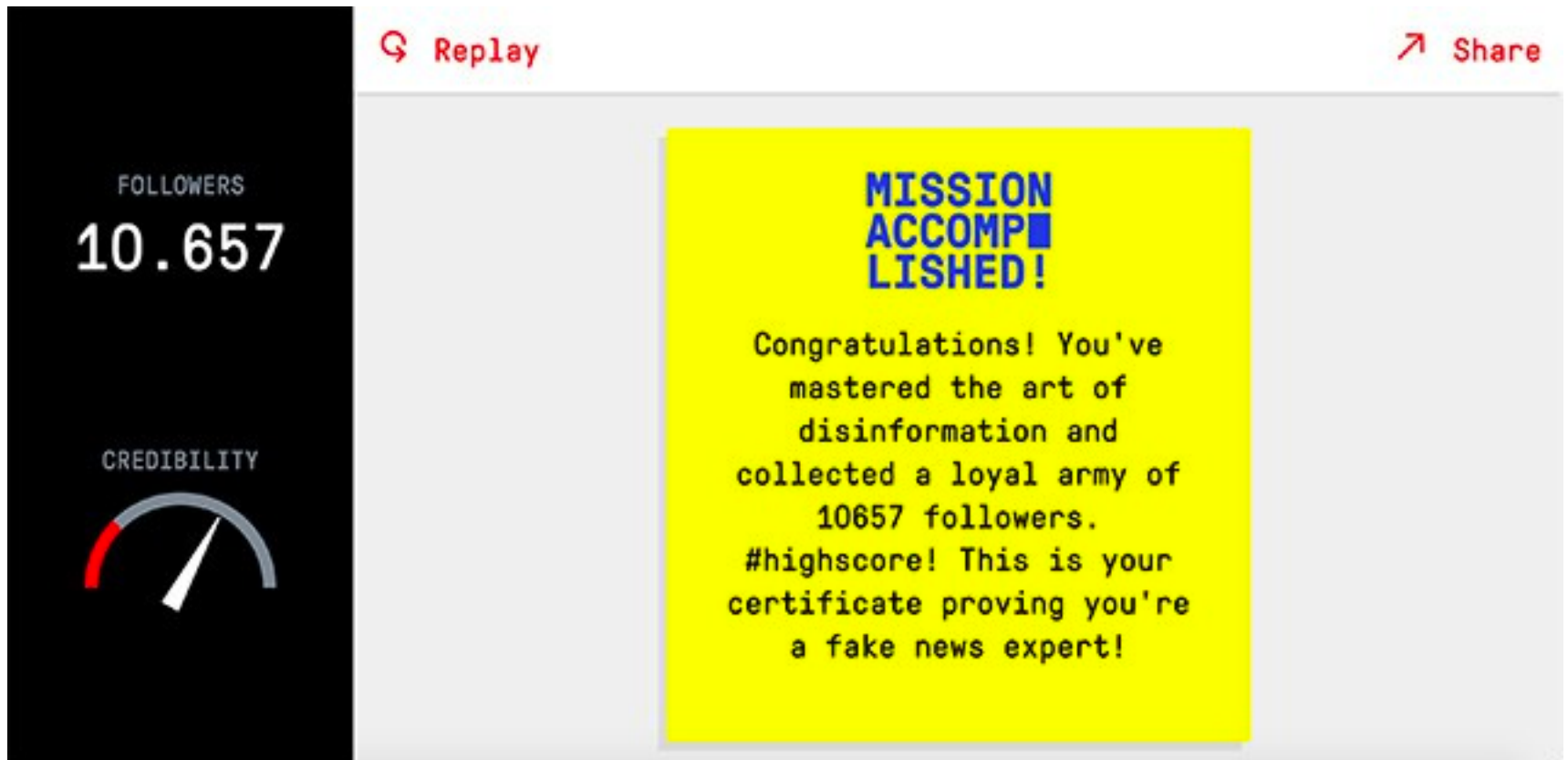
Interesting!

The Fake News Game: Six Badges





END Game



Results so far

FOLLOWERS

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CREDIBILITY



Johnson Crude Oil
@JohnsonCrudeOil

Hey @LeoDiCaprio, it's snowing and freezing in New York. Could use some of that global warming you're always going on about!

Unreliable 1 2 3 4 5 6 7 Reliable

Leading: Good News about Bad News: Gamified Inoculation
Boosts Confidence and Cognitive Immunity Agai...

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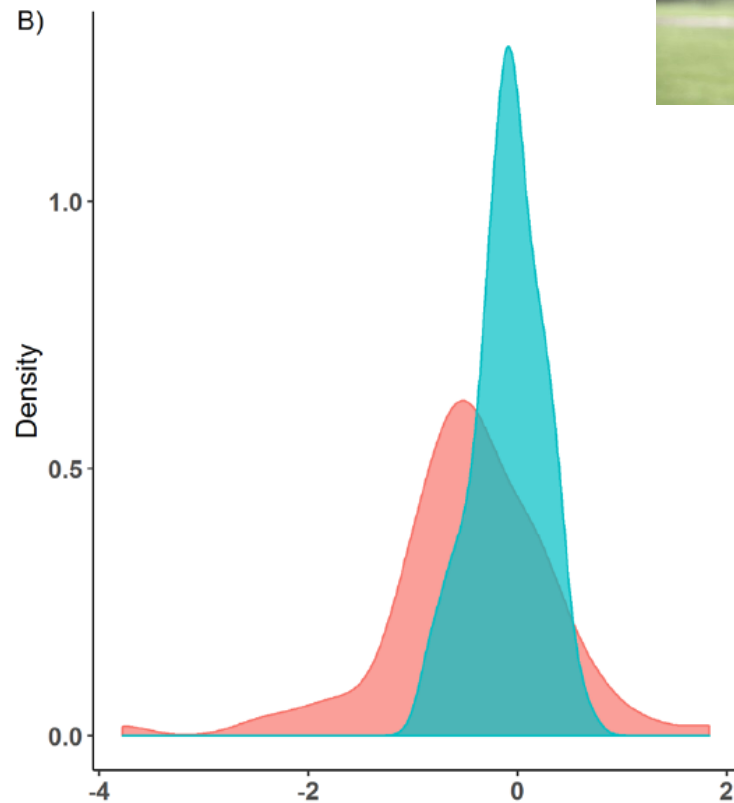
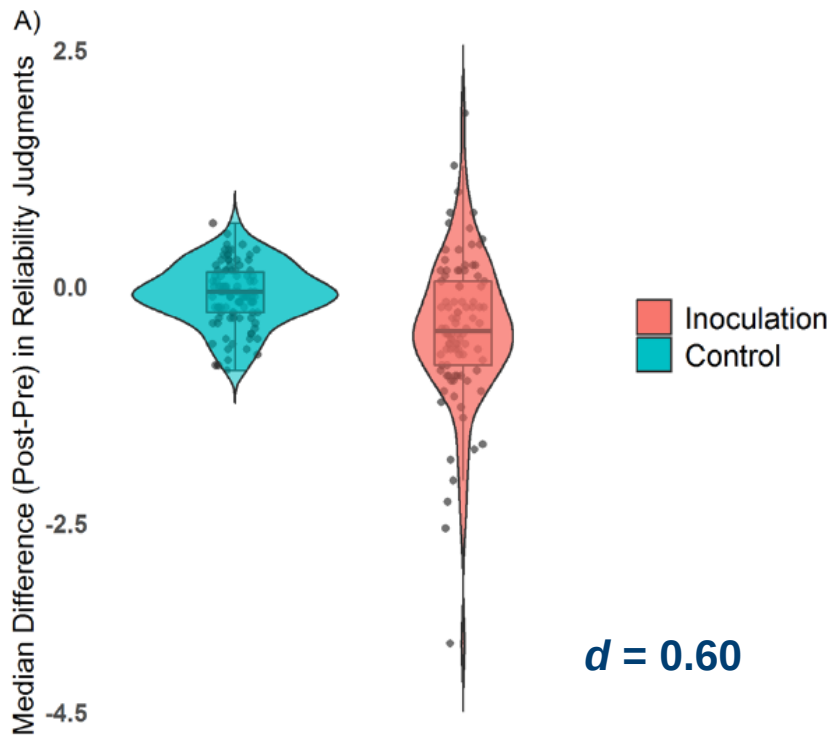
Special Collection: **Public Acceptance and Rejection of Science in a 'Post-Truth' World**

Research Articles

Good News about Bad News: Gamified Inoculation Boosts Confidence and Cognitive Immunity Against Fake News

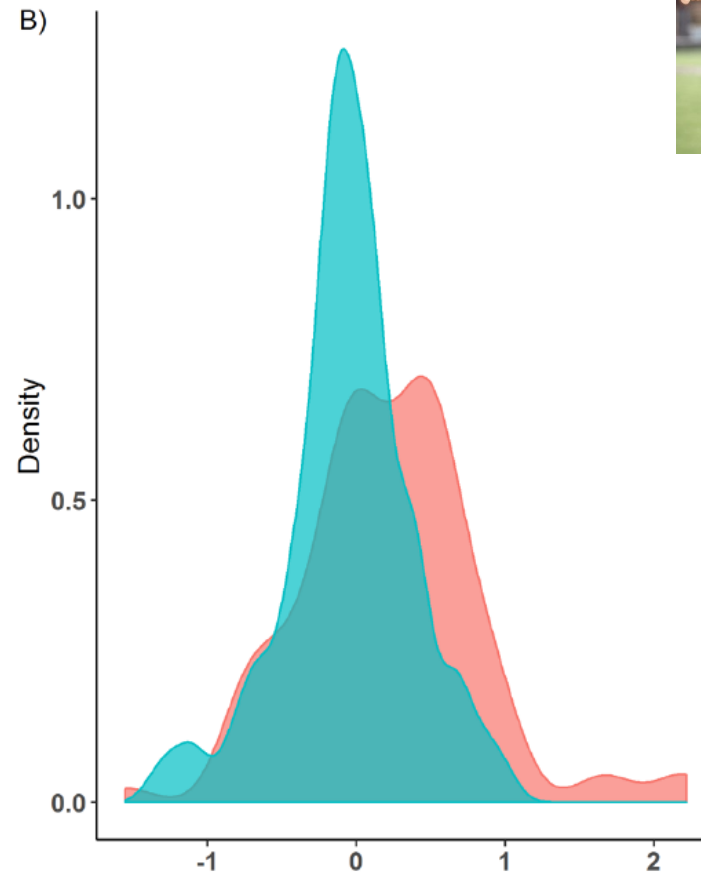
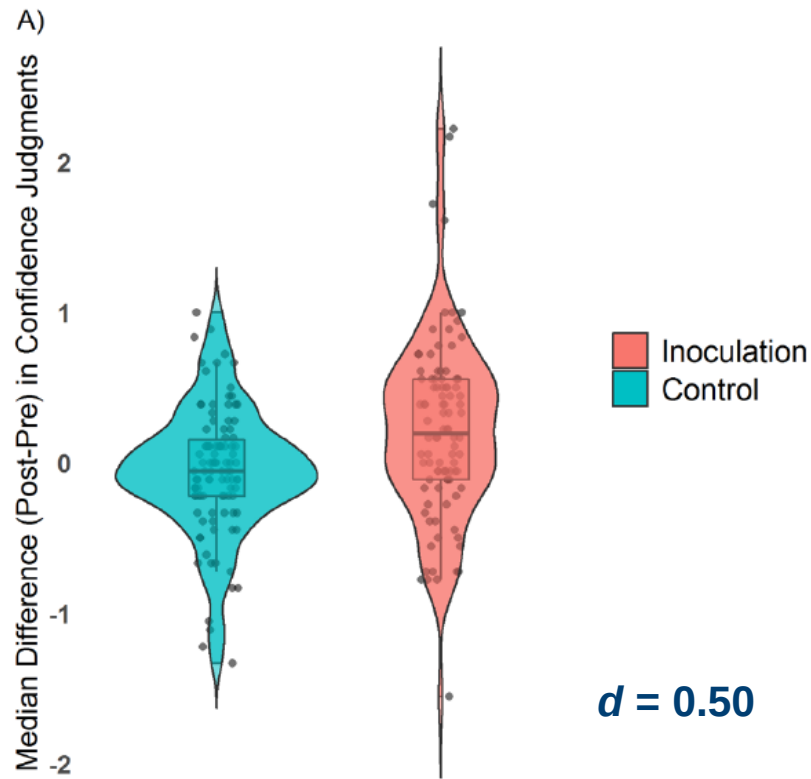
Authors: **Melisa Basol, Jon Roozenbeek, Sander van der Linden** 

Confidence judgments (n = 197)



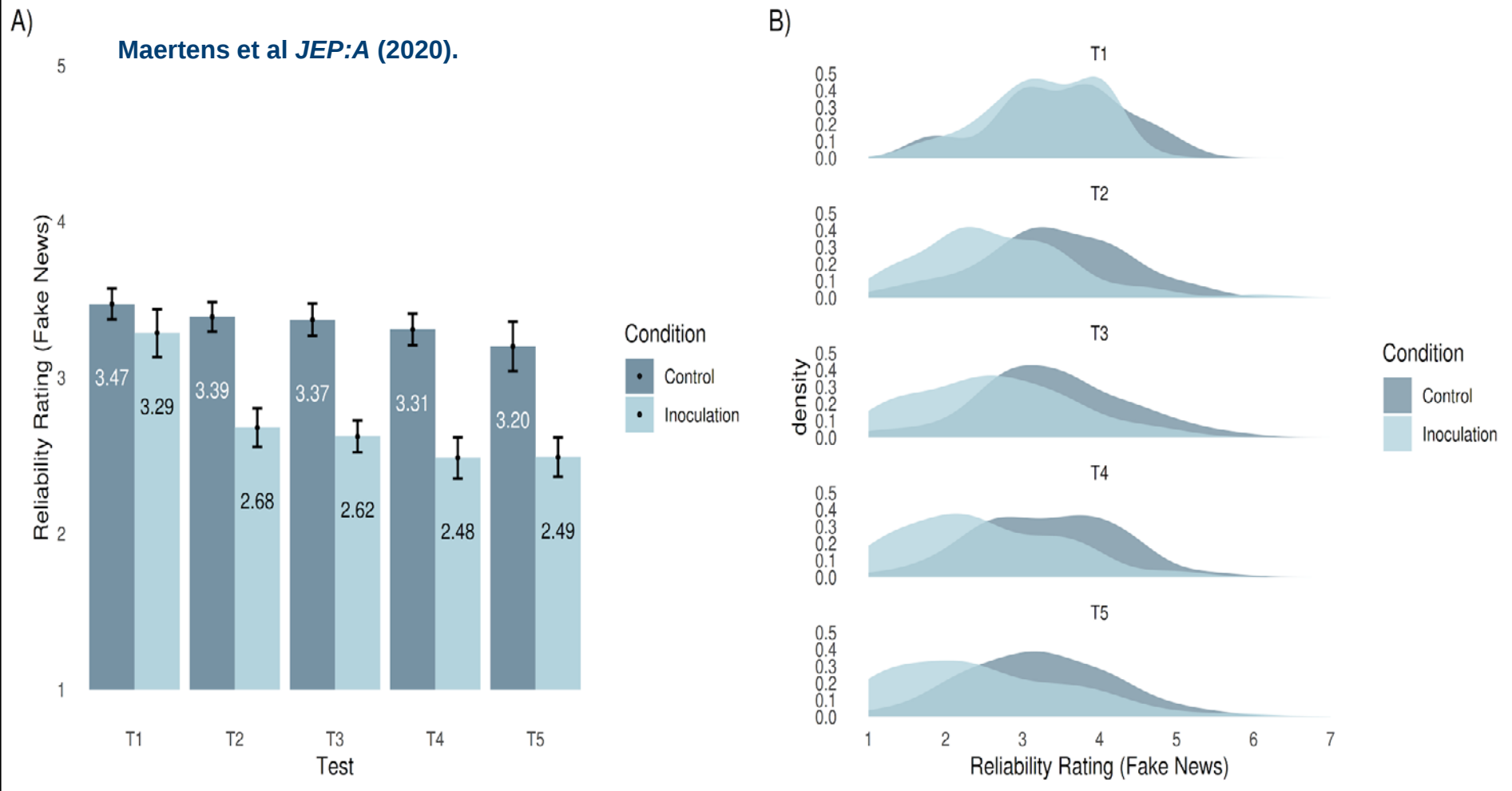
Melisa Basol

Confidence judgments (n = 197)



Melisa Basol

Preregistered randomized replication (n = 150)



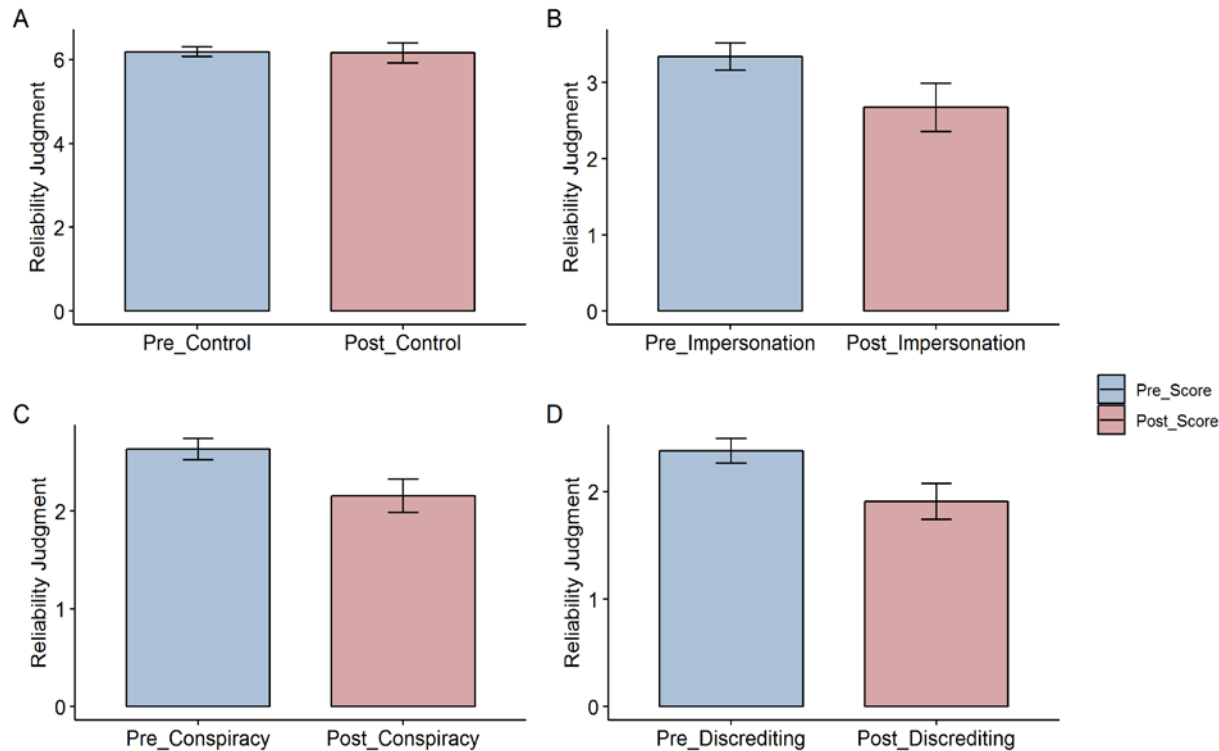
Bad News Around the World: A Global Vaccination Program

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HARVARD KENNEDY SCHOOL
Misinformation
Review

EXPLORE
the review

SUBMIT
an essay



Welcome to Sweden!

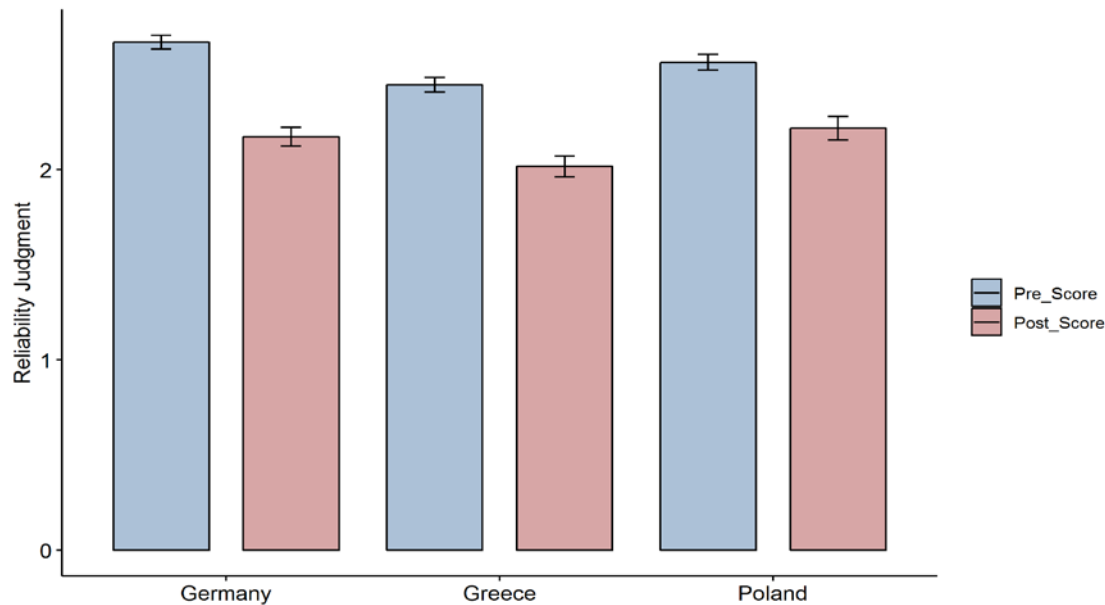
Bad News Around the World: A Global Vaccination Program

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Review

EXPLORE
the review

SUBMIT
an essay



$d = 0.37$

Go Viral!

GO VIRAL!

Misinformation about COVID-19 is spreading like wildfire.
Learn how to resist it.

By playing GO VIRAL!, you'll learn about common ways that
misleading information spreads online, so that you're
prepared the next time you come across it.

START

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LIL OL' ME

It's a wonderful world

Oh, how I need a (or 5) Quarantini! 🍸🍸🍸

1.093
LIKES



AISHA

In: Not Co-fraid group

University of Life expert: lizard people are behind
coronavirus outbreak, live virus particles found in
terrariums!

Join this Group

Join This Group

Play the game and learn to become
immune to misinformation!

Start

SCORE

506

BANS



Time to post your first message as the admin of "Home Remedies". Try to scare the hell out of group members.



Doctor Schar
+1 9392 8484 33

Everyone! Science says that eating kiwis can give you cancer! Take heed!

Post this!

Next

Bad Vaxx

BAD VAXX

Play the game and become immune to
misinformation about vaccines!

Start

SHARES

0

BANS



instance.



Joanne F

Hey there! I'm using
WhatsApp.

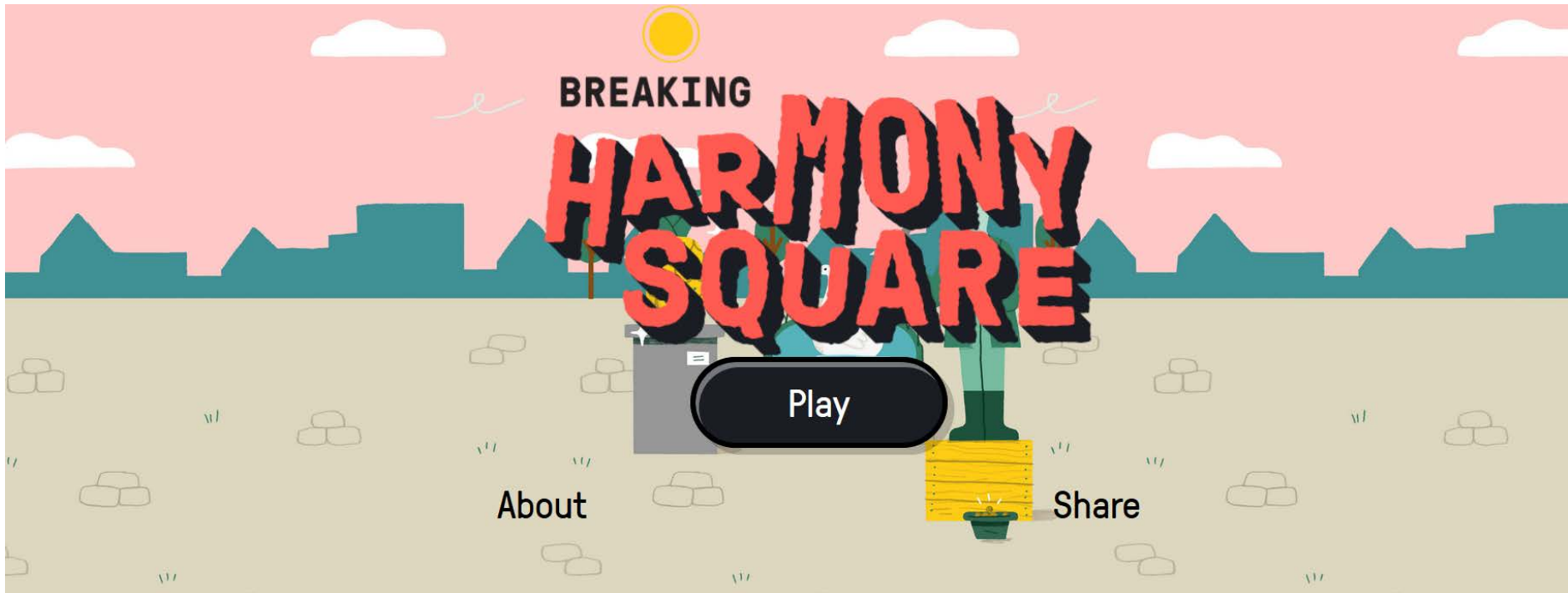
➔ Forwarded

My friend has a cousin who is
a doctor in Wuhan. She says
that the BEST way to kill the
virus is by gargling salt
water! Pass this message on to
your friends, thanks!

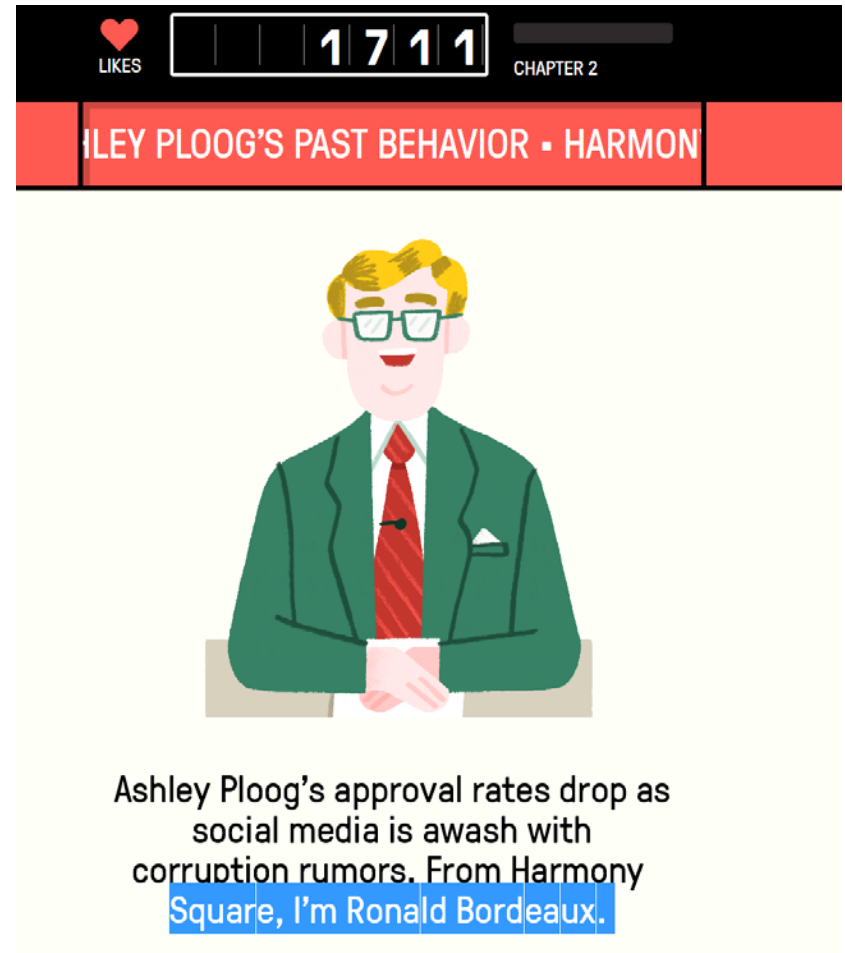
Ookay...

Makes total sense!

Harmony Square



Harmony Square



Conclusion

Thank you