Supplementary Materials: Survey 1 & 2 Questions

We include reported questions asked to participants for both Survey 1 and Survey 2. Below you will find Survey 1's questions broken up into 3 batches (3 manipulated photos, 3 original, and 1 control image). You will also find Survey 2's questions broken up by condition (Original, Manipulated, Explained). Following the condition questions are the Prior Opinion questions asked at the after the initial questions of the Influence of Manipulation Survey. Lastly, you will find the demographics questions asked (the same for both surveys).

Table of Contents

Survey 1: Manipulation Identification Batch 1 Batch 2 Batch 3 Survey 2: Influence of Manipulation Original Manipulated Explained Prior Opinion Questions: (Located after initial questions on sentiment and perception)	
Batch 1	
Batch 3	16
Survey 2: Influence of Manipulation	
Original	23
Manipulated	28
Explained	33
Prior Opinion Questions:	39
(Located after initial questions on sentiment and perception)	39
Batch 1 Batch 2 Batch 3 Survey 2: Influence of Manipulation Original Manipulated Explained Prior Opinion Questions: (Located after initial questions on sentiment and perception) Demographics Questions	40
(Same questions used for Survey 1 & 2)	

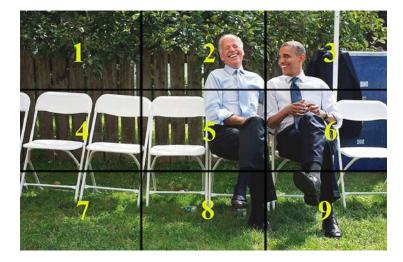
Survey 1: Manipulation Identification

Batch 1



Does this photo appear digitally manipulated?

- o Yes
- o No
- o I'm not sure

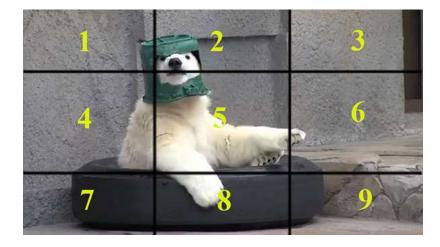


In which region is the alteration? Select all that apply.

	6
2	7
3	8
4	9
5	I don't think it's manipulated or I'm not sure



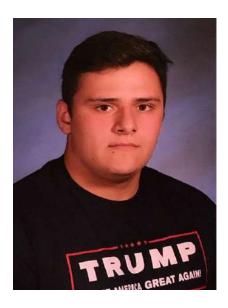
- o Yes
- o No
- o I'm not sure



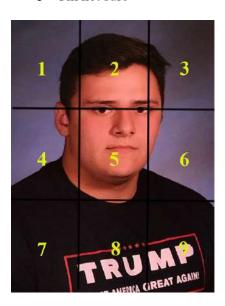
In which region is the alteration? Select all that apply.

- \Box 2
- □ 3
- □ 4
- □ 5

- □ 6
- □ 7
- □ 8
- \Box 9
- ☐ I don't think it's manipulated or I'm not sure



- o Yes
- o No
- o I'm not sure

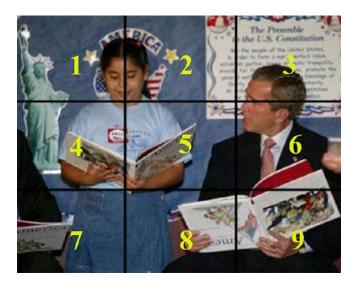


In which region is the alteration? Select all that apply.

1	6
2	7
3	8
4	9
5	I don't think it's manipulated or I'm not sure



- No 0
- I'm not sure

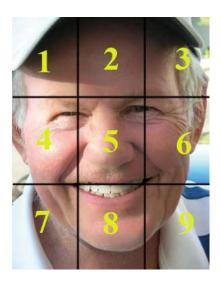


In which region is the alteration? Select all that apply.

1	6
2	7
3	8
4	9
5	I don't think it's manipulated or I'm not sure



- o Yes
- o No
- o I'm not sure

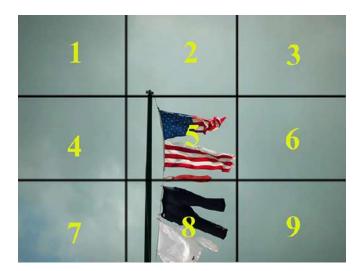


In which region is the alteration? Select all that apply.

I	6
2	7
3	8
4	9
5	I don't think it's manipulated or I'm not sur-



- o Yes
- o No
- o I'm not sure



In which region is the alteration? Select all that apply.

- □ 1 □ 2
- □ 2□ 3
- □ 5

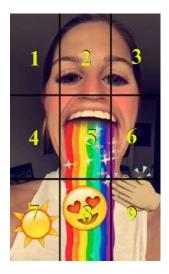
- □ 6
- □ 7
- □ 8□ 9
- I don't think it's manipulated or I'm not sure

Control Image



Does this photo appear digitally manipulated?

- o Yes
- o No
- o I'm not sure



This is a control question, select only 6

□ 2 □ 3

 \Box 1

□ 4□ 5

- □ 6
- □ 7
- □ 8
- □ 9
- ☐ I don't think it's manipulated or I'm not sure

Batch 2



Does this photo appear digitally manipulated?

- o Yes
- o No
- o I'm not sure



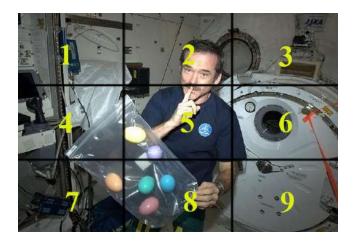
In which region is the alteration? Select all that apply.

- 1
- □ 2
- □ 3
- □ 4
- □ 5

- 6
- □ 7
- □ 8
- □ 9
 - I don't think it's manipulated or I'm not sure



- o Yes
- o No
- o I'm not sure

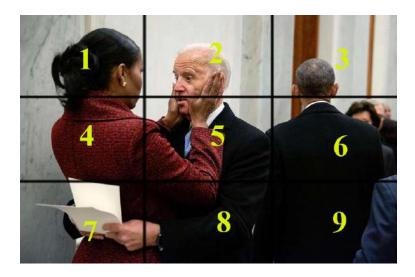


In which region is the alteration? Select all that apply.

1	6
2	7
3	8
4	9
5	I don't think it's manipulated or I'm not sure



- o Yes
- o No
- o I'm not sure



In which region is the alteration? Select all that apply.

- □ 1 □ 2 □ 3

□ 6

□ 7



- No
- I'm not sure

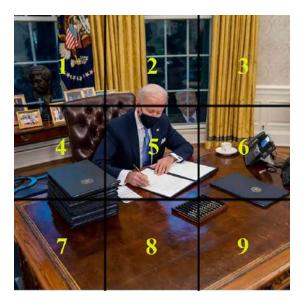


In which region is the alteration? Select all that apply.

1	6
2	7
3	8
4	9
5	I don't think it's manipulated or I'm not sure



- o Yes
- o No
- o I'm not sure



In which region is the alteration? Select all that apply.

1	6
2	7
3	8
4	9
5	I don't think it's manipulated or I'm not sure



- No 0
- I'm not sure



In which region is the alteration? Select all that apply.

- 1
- 2
- □ 3 4
- □ 5

- 6 7
- □ 8
- I don't think it's manipulated or I'm not sure

Control Image



Does this photo appear digitally manipulated?

- o Yes
- o No
- o I'm not sure



This is a control question, select only 6

- □ 1 □ 2
- \Box 3
- □ 4
- □ 5

- \Box 6
- □ 7
- □ 8
- □ 9
- ☐ I don't think it's manipulated or I'm not sure

Batch 3



Does this photo appear digitally manipulated?

- o Yes
- o No
- o I'm not sure



In which region is the alteration? Select all that apply.

- □ 1
- \Box 2
- □ 3
- □ 4
- □ 5

- □ 6
- □ 7
- □ 8
- □ 9
- I don't think it's manipulated or I'm not sure



- o Yes
- o No
- o I'm not sure



In which region is the alteration? Select all that apply.

- \square 2
- □ 3
- □ 4
- □ 5

- □ 6
- □ 7
- □ 8
- □ 8 □ 9
- ☐ I don't think it's manipulated or I'm not sure

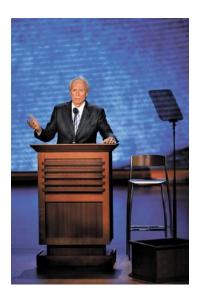


- o Yes
- o No
- o I'm not sure

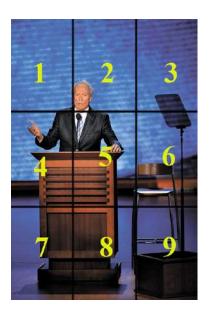


In which region is the alteration? Select all that apply.

Ш	I	Ш	0
	2		7
	3		8
	4		9
	5		I don't think it's manipulated or I'm not sure



- No 0
- I'm not sure

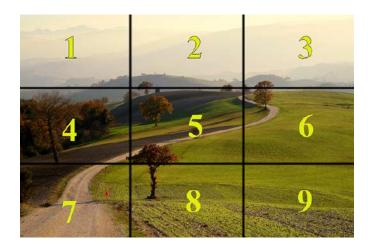


In which region is the alteration? Select all that apply.

Ш	I	Ш	0
	2		7
	3		8
	4		9
	5		I don't think it's manipulated or I'm not sure



- o Yes
- o No
- o I'm not sure



In which region is the alteration? Select all that apply.

- $\begin{array}{ccc} \square & 1 \\ \square & 2 \end{array}$
- □ 3
- □ 4
- □ 5

- □ 6
- □ 7
- □ 8
 - 9

I don't think it's manipulated or I'm not sure



- o Yes
- o No
- o I'm not sure



In which region is the alteration? Select all that apply.

1
2
3
4

☐ 5 ☐ I don't think it's manipulated or I'm not sure

□ 6□ 7□ 8

Control Image



Does this photo appear digitally manipulated?

- o Yes
- o No
- o I'm not sure



This is a control question, select only 6

- □ 1
- □ 2
- □ 3
- □ 5

- **6**
- □ 7
- □ 8
- □ 9
- ☐ I don't think it's manipulated or I'm not sure

Survey 2: Influence of Manipulation

Original

Pictured below are six Democratic lawmakers.



From negative to positive, what is your opinion of the person(s) in this photo?

- o Extremely Negative
- o Negative
- o Neutral
- o Positive
- o Extremely Positive

Do you believe that Democratic lawmakers - Reps. Ilhan Omar of Minnesota, Alexandria Ocasio-Cortez of New York, Rashida Tlaib of Michigan, and Ayanna Pressley of Massachusetts, also known as the squad, hold extreme views?

- o Strongly Disagree
- o Disagree
- o Neither Agree nor Disagree
- o Agree
- o Strongly Agree

The person pictured on the left is actor Jim Varney.



From negative to positive, what is your opinion of Jim Varney, pictured on the left in this photo?

- o Extremely Negative
- o Negative
- Neutral
- o Positive
- o Extremely Positive

Do you believe that actor Jim Varney may be guilty of the sex trafficking of minors?

- o Strongly Disagree
- o Disagree
- o Neither Agree nor Disagree
- o Agree
- o Strongly Agree

A photo of former President of the United States Donald Trump.



From negative to positive, what is your opinion of the former U.S. President in this photo?

- o Extremely Negative
- o Negative
- o Neutral
- o Positive
- o Extremely Positive

Do you believe that former United States President Donald Trump is an unattractive person?

- Strongly Disagree
- o Disagree
- o Neither Agree nor Disagree
- o Agree
- o Strongly Agree

A photo that shows a protester assaulting a law enforcement officer.



From negative to positive, what is your opinion of the person assaulting law enforcement in this photo?

- o Extremely Negative
- o Negative
- o Neutral
- o Positive
- o Extremely Positive

Do you believe Antifa protesters are violent?

- o Strongly Disagree
- o Disagree
- o Neither Agree nor Disagree
- o Agree
- o Strongly Agree

Pictured from the left is United States President Joe Biden with Amie Parnes, Chris Donovan, and Jill Biden.



From negative to positive, what is your opinion of United States President Joe Biden in this photo?

- o Extremely Negative
- o Negative
- o Neutral
- o Positive
- o Extremely Positive

Do you believe United States President Joe Biden inappropriately touches women?

- o Strongly Disagree
- o Disagree
- o Neither Agree nor Disagree
- o Agree
- o Strongly Agree

A photo of 24-year-old model, Kendall Jenner



From negative to positive, what is your opinion of the person in this photo?

- o Extremely Negative
- o Negative
- Neutral
- o Positive
- Extremely Positive

Do you believe that Kendall Jenner supports wearing protective face masks and supports the Black Lives Matter Movement?

- o Strongly Disagree
- o Disagree
- o Neither Agree nor Disagree
- o Agree
- o Strongly Agree

The person pictured in the photo is a survivor of the Marjory Stoneman Douglas High School mass shooting, Emma González campaigning against gun violence



From negative to positive, what is your opinion of the person in this photo?

- Extremely Negative
- Negative
- Neutral
- o Positive
- Extremely Positive

Do you believe that those who campaign against guns do not respect the Constitution of the United States?

- o Strongly Disagree
- o Disagree
- o Neither Agree nor Disagree
- o Agree
- Strongly Agree



This is a control question, select Negative

- o Extremely Negative
- o Negative
- Neutral
- o Positive
- o Extremely Positive

Manipulated

Pictured below are six Democratic lawmakers.



From negative to positive, what is your opinion of the person(s) in this photo?

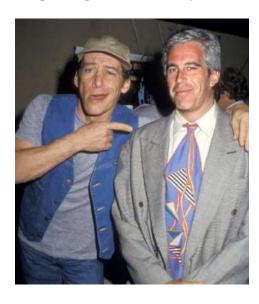
- Extremely Negative
- o Negative
- o Neutral

- Positive
- o Extremely Positive

Do you believe that Democratic lawmakers - Reps. Ilhan Omar of Minnesota, Alexandria Ocasio-Cortez of New York, Rashida Tlaib of Michigan, and Ayanna Pressley of Massachusetts, also known as the squad, hold extreme views?

- o Strongly Disagree
- o Disagree
- o Neither Agree nor Disagree
- o Agree
- o Strongly Agree

The person pictured on the left is actor Jim Varney.



From negative to positive, what is your opinion of Jim Varney, pictured on the left in this photo?

- Extremely Negative
- Negative
- Neutral
- o Positive
- Extremely Positive

Do you believe that actor Jim Varney may be guilty of the sex trafficking of minors?

- Strongly Disagree
- o Disagree
- o Neither Agree nor Disagree
- o Agree
- o Strongly Agree

A photo of former President of the United States Donald Trump.



From negative to positive, what is your opinion of the former U.S. President in this photo?

- o Extremely Negative
- o Negative
- Neutral
- o Positive
- o Extremely Positive

Do you believe that former United States President Donald Trump is an unattractive person?

- Strongly Disagree
- o Disagree
- o Neither Agree nor Disagree
- o Agree
- o Strongly Agree

A photo that shows a protester assaulting a law enforcement officer.



From negative to positive, what is your opinion of the person assaulting law enforcement in this photo?

- Extremely Negative
- o Negative
- o Neutral
- Positive
- o Extremely Positive

Do you believe Antifa protesters are violent?

- o Strongly Disagree
- o Disagree
- o Neither Agree nor Disagree
- o Agree
- o Strongly Agree

Pictured from the left is United States President Joe Biden with Amie Parnes, Chris Donovan, and Jill Biden.



From negative to positive, what is your opinion of United States President Joe Biden in this photo?

- o Extremely Negative
- o Negative
- Neutral
- Positive
- o Extremely Positive

Do you believe United States President Joe Biden inappropriately touches women?

- o Strongly Disagree
- o Disagree
- o Neither Agree nor Disagree
- o Agree
- o Strongly Agree

A photo of 24-year-old model, Kendall Jenner.



From negative to positive, what is your opinion of the person in this photo?

- o Extremely Negative
- o Negative
- Neutral
- o Positive
- Extremely Positive

Do you believe that Kendall Jenner supports wearing protective face masks and supports the Black Lives Matter Movement?

- o Strongly Disagree
- o Disagree
- o Neither Agree nor Disagree
- o Agree
- o Strongly Agree

The person pictured in the photo is a survivor of the Marjory Stoneman Douglas High School mass shooting, Emma González campaigning against gun violence.



From negative to positive, what is your opinion of the person in this photo?

- Extremely Negative
- o Negative
- Neutral
- o Positive
- o Extremely Positive

Do you believe that those who campaign against guns do not respect the Constitution of the United States?

- o Strongly Disagree
- o Disagree
- o Neither Agree nor Disagree
- o Agree
- o Strongly Agree

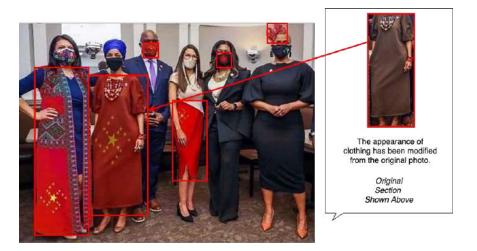


This is a control question, select Negative

- o Extremely Negative
- o Negative
- o Neutral
- o Positive
- o Extremely Positive

Explained

Pictured below are six Democratic lawmakers.



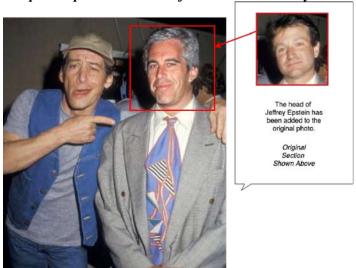
From negative to positive, what is your opinion of the person(s) in this photo?

- o Extremely Negative
- o Negative
- Neutral
- o Positive
- Extremely Positive

Do you believe that Democratic lawmakers - Reps. Ilhan Omar of Minnesota, Alexandria Ocasio-Cortez of New York, Rashida Tlaib of Michigan, and Ayanna Pressley of Massachusetts, also known as the squad, hold extreme views?

- o Strongly Disagree
- o Disagree
- o Neither Agree nor Disagree
- o Agree
- o Strongly Agree

The person pictured on the left is actor Jim Varney.



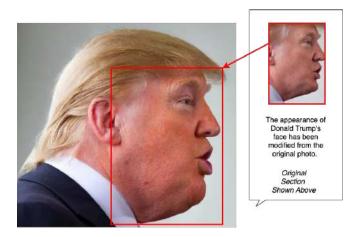
From negative to positive, what is your opinion of Jim Varney, pictured on the left in this photo?

- o Extremely Negative
- o Negative
- Neutral
- o Positive
- o Extremely Positive

Do you believe that actor Jim Varney may be guilty of the sex trafficking of minors?

- Strongly Disagree
- o Disagree
- o Neither Agree nor Disagree
- o Agree
- o Strongly Agree

A photo of former President of the United States Donald Trump.



From negative to positive, what is your opinion of the former U.S. President in this photo?

- Extremely Negative
- o Negative
- o Neutral
- Positive
- o Extremely Positive

Do you believe that former United States President Donald Trump is significantly overweight?

- Strongly Disagree
- Disagree
- Neither Agree nor Disagree
- o Agree
- Strongly Agree

A photo that shows a protester assaulting a law enforcement officer.



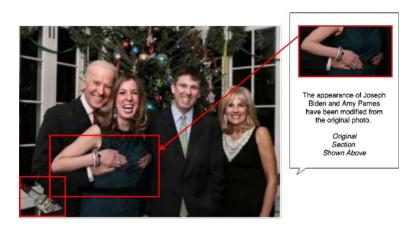
From negative to positive, what is your opinion of the person assaulting law enforcement in this photo?

- o Extremely Negative
- o Negative
- o Neutral
- o Positive
- o Extremely Positive

Do you believe Antifa protesters are violent?

- o Strongly Disagree
- o Disagree
- o Neither Agree nor Disagree
- o Agree
- o Strongly Agree

Pictured from the left is United States President Joe Biden with Amie Parnes, Chris Donovan, and Jill Biden.



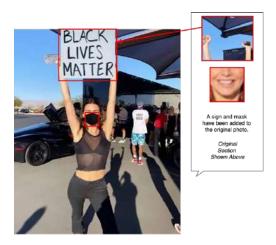
From negative to positive, what is your opinion of United States President Joe Biden in this photo?

- Extremely Negative
- o Negative
- Neutral
- o Positive
- Extremely Positive

Do you believe United States President Joe Biden inappropriately touches women?

- Strongly Disagree
- o Disagree
- o Neither Agree nor Disagree
- o Agree
- o Strongly Agree

A photo of 24-year-old model, Kendall Jenner.



From negative to positive, what is your opinion of the person in this photo?

- o Extremely Negative
- o Negative
- o Neutral
- o Positive
- Extremely Positive

Do you believe that Kendall Jenner supports wearing protective face masks and supports the Black Lives Matter Movement?

- Strongly Disagree
- o Disagree
- o Neither Agree nor Disagree
- o Agree
- o Strongly Agree

The person pictured in the photo is a survivor of the Marjory Stoneman Douglas High School mass shooting, Emma González campaigning against gun violence.



From negative to positive, what is your opinion of the person in this photo?

- o Extremely Negative
- o Negative
- o Neutral
- o Positive
- Extremely Positive

Do you believe that those who campaign against guns do not respect the Constitution of the United States?

- o Strongly Disagree
- o Disagree
- o Neither Agree nor Disagree
- o Agree
- o Strongly Agree



This is a control question, select Negative

- Extremely Negative
- o Negative
- o Neutral

- Positive
- o Extremely Positive

Prior Opinion Questions: (Located after initial questions on sentiment and perception)

Before taking this study, did you have a favorable, unfavorable, or neutral opinion of Democratic lawmakers?

- o Favorable
- o Unfavorable
- Neutral
- No opinion

Before taking this study, did you have a favorable, unfavorable, or neutral opinion of actor Jim Varney?

- o Favorable
- o Unfavorable
- Neutral
- o No opinion

Before taking this study, did you have a favorable, unfavorable, or neutral opinion of former United States President Donald Trump?

- o Favorable
- o Unfavorable
- o Neutral
- No opinion

Before taking this study, did you have a favorable, unfavorable, or neutral opinion about the Antifa Movement?

- o Favorable
- o Unfavorable
- Neutral
- No opinion

Before taking this study, did you have a favorable, unfavorable, or neutral opinion of United States President Joe Biden?

- o Favorable
- o Unfavorable
- Neutral
- No opinion

Before taking this study, did you have a favorable, unfavorable, or neutral opinion of Kendall Jenner?

- o Favorable
- o Unfavorable
- o Neutral
- No opinion

Before taking this study, did you have a favorable, unfavorable, or neutral opinion about gun control?

- o Favorable
- o Unfavorable
- o Neutral
- o No opinion

Demographics Questions

(Same questions used for Survey 1 & 2)

What is your age?

o Under 18

0 18-24

0 25-34

0 35-44

0 45-54

0 55-64

0 65+

What is your gender?

- o Male
- o Female
- o Other
- o Prefer not to say

What is the highest level of school you have completed or the highest degree you have received?

- Less than high school degree
- o High school degree or equivalent (e.g., GED)
- o Some college but no degree
- o Associate degree
- o Bachelor's degree
- o Graduate degree