d. SurveyMonkey


# Race, Religion, Sexual Orientation and Gender Identity 

## Presentations

- Can Respondent Race Alter Perceptions of Events? Biased Processing of Officer-involved Shootings Josh Pasek, University of Michigan Hakeem Jefferson, University of Michigan Fabian Neuner, University of Michigan
- Race, Religion and the Meaning of Evangelicalism Claire Gecewicz, Pew Research Center Jessica Hamar Martinez, Pew Research Center Gregory A. Smith, Pew Research Center
- Investigating and Understanding Responses to Questions on Sex, Sexual Orientation and Sexual Identity Carol Pierannunzi, Centers for Disease Control and Prevention William Garvin, Centers for Disease Control and Prevention Machell Town, Centers for Disease Control and Prevention


## Disclaimer

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Erin Pinkus<br>SurveyMonkey<br>June 2017

# Can Respondent Race Alter Perceptions of Events? Biased Processing of Officer-Involved Shootings 

Josh Pasek<br>University of Michigan josh@joshpasek.com

Hakeem Jefferson<br>University of Michigan

Fabian Neuner
University of Michigan

## Ferguson, Missouri August 9, 2014



## Some evidence that differing interpretations were on racial lines

## Aetroit Jiree Aless

Race defines Americans' views on Ferguson shooting

Josh Pasek, Hakeem Jefferson, Fabian Neuner, and Katie Brown, Detroit Free Press guest writers

## Opimion Ferguson and our black-white divide

Reaction to Ferguson Decision Shows Racial Divide Remains Over Views of Justice

By MCHAEL WINES NOV. 25,2014


Ferguson highlights deep divisions between blacks and whites in America

## Our key question:

If individuals' race does alter their perceptions of events like Ferguson, how might that occur?

# An initial study Aug 29 - Sept 8, 2014 <br> (3 weeks after the events in question) 

- Questions about Ferguson embedded in the first wave of a four-wave panel study
- Nonprobability survey conducted on Qualtrics, using panelists sourced from Clear Voice
- 3,729 respondents
(2,962 White, Non-Hispanic only; 253 Black, Non-Hispanic only)
- No quotas or weights applied


## Four key questions:

- Given what you have heard, do you think that Darren Wilson, the police officer, should be charged with murder?
(Definitely should be charged, probably should be charged, probably should not be charged, definitely should not be charged)
- Given what you have heard, how likely do you think it is that Michael Brown attacked Darren Wilson, the police officer?
(Not at all likely, a little likely, somewhat likely, very likely, extremely likely)
- Do you happen to recall whether Michael Brown had a weapon?
(He definitely did not have a weapon, he probably did not have a weapon, he probably had a weapon, he definitely had a weapon)
- How much of a role do you think race played in the shooting?
(No role at all, a little role, a moderate role, a large role, an enormous role)


## All variables coded to range from 0 to 1

## Large differences in beliefs



And the more people said they had heard about Ferguson . . .

## And the more people said they had heard about Ferguson . . .

Perceptions that Wilson Should Be Charged
By Amount Heard About Ferguson and Race


## And the more people said they had heard about Ferguson . . .

Perceptions that Wilson Should Be Charged By Amount Heard About Ferguson and Race



Perceptions that Brown Attacked Wilson


## Hence

- Evidence of a clear racial divide
- More informed respondents had the most discrepant perceptions of the incident
- But was this due to biases in the information people received, the people who sought information, or the lens through which they interpreted that information?


## Three possible explanations for the racial divide in Ferguson

1. Racial differences in media exposure
2. Motivated reasoning on the basis of social identity (instead of partisanship)
3. Updating from radically different prior beliefs

## The current study Two-wave panel design

- Nonprobability surveys conducted on Qualtrics
- Quotas to achieve a 50\% Black, 50\% White sample
- Wave 1 collected June 15-20, 2016; N=1,430
- Wave 2 collected June 27-Aug 5, 2016; N=895
- Recontact rate of $62,6 \%$
- Individuals contacted after July 5 (date of the Baton Rouge shooting) were excluded from all analyses.


## The current study Two-wave panel design

- Wave 1: Demographics, racial identity, perceptions of the criminal justice system, racial resentment, perceptions of Ferguson
- Wave 2: Experimental racial identity prime, scenario with statement evaluations (7 statements), questions about additional information desired (to measure selective exposure), overall perceptions of incident
- Respondents were not informed that the two waves were part of the same study


## The Scenario

## Dear Citizen,

We are writing to you on behalf of a local municipality where a police officer was recently involved in a controversial incident. As you may have heard, there has been increasing concern with police-involved shootings throughout the United States. We're looking to you and to other citizens to understand the best way to deal with the incident that has occurred. We'd like you to put yourself in the role of a local citizen who may be selected to serve on a grand jury deciding whether the officer should be indicted for acting inappropriately or whether he acted in good faith.

Over the course of this survey, we are going to ask you some questions and present you with some information that might be typical in a grand jury. First, we will ask you a few questions about yourself. We'll then present you with information about the incident in question, including an overall description of the incident and a number of witness statements. As in a real jury, we hope that you will tell us what you think of these various pieces of information and what they should contribute to our overall decision about what we should do about the incident in question. We have anonymized some details of the event as well as the city in question.

Your responses to these various pieces of information will help us better determine how to structure jury decision-making.

We appreciate your assistance. At the end of the survey, we will provide you with contact details should you have any questions.

## Seven individual statements

## Chief of Police, at a press conference shortly after the event:

At 6:47 FK, on the 300 block of [ ] Avernue, FoZice were callec to the scene of a heated argument between two individuala. According to the police weport, when our officers arrivec, one of the individuals, an African-Anerican male in his mici-twenties, lazer determined to be [Kx. Taylor], fled the ecene, at which poir:, Afficar [Gilve~] pu*sued him on foct fer approximately $5 C$ yarces [Mz. Taylor] turned to confront the officer and reacied into hia pocket for what at the time appeared to be a weapon. Ir. ine with the training we provice all of our officers, officer [silver crew his weapon and shot the subject twice at a distance of approximately 10 feet. Shortly afterwards, adiitional officers arrived at the scene and the inciividual was proncunced cead at 7:3 FM.

Cfficer [\$ilve二] is a veteran police officer in the [ ] Police Department. He has served with competence for -4 yeara. Nithough he has been affered the opportunizy to be proncted to cetective in the past, he has chosen to xamain a beat cop. Recently, in recoegnition of his service $=0$ the cepartment, Officer [Silver] was awarcled our annual "office* Excellence Awarc"

With respert to the deceased, we are always aacioned when ar incident like this sccums in our communi-y. But while we recret that this happened, it ia our job to keep our coraminty aafe. And when an individual threatens the safety of one of our officers, real or infplied, we must take that threat seriously.

Rega*ding media reports that [ Mr . Taylcr] had a warrant out for hie arrest, this is in fact the case. However, the warrant hac notining to do with this particular event and was for unpaic traffic =icke=s [Mm. Taylar] had accrued avew prior monthe

Excerpt from Deposition of Witness 5 - Mrs. Williams:

Where were you when the events occuried?
"I xus xaiking my dog on the other gide of [ ] Avenue. I had gone pot with tim dog a few minutes earlien and noticed the tways arguing on the street in front of the yellaw house, but $=$ didn't make $=00$ much ȯ it at the time. As I'm walking bacic to ny houae, a police car pulis up and the of三icer jampa out and suarts ruming townre one of the guys who was arguing. He trims tri get awny but. icesn't get very fav before the officeu catches up with him. They were conirg right towerd ne, 30 I noved onto the grass and got out of the xay. From where I was atanding, it lookec ike the guy wus not in good shaper. He was breathing heavily and startand cauciing as he tumed around to face the officer. You know hou runners look after they've finished zunning? Sweaty, hends on head..that's whet the ghy was doing. And the officer juat zakes the gun and ahoota Him. I acosldn't believe it. Kid didn't put up a struggle ar anything."

## Seven individual statements

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[Mz. Taylor] turned to confront the officer and reacied into hia

## Respondents encountered all statements in the same order

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```
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gnything."
```


# After the statements, respondents were presented with "excerpts" from additional statements and were asked to tell us what else they would be interested in reading 

```
For each of these excerpts, a full statement is available. Please select the ones you would be interested in reading (select as many as you wish).
```

```
"This isn't the first time Officer [Silver] has done something
racist. He rides around here all the time giving out tickets,
harassing people for standing around minding their own
busiress."
```

```
"There's no way [Mr. Taylor] turned around to confront the
officer. He looked like was going to collapse."
```

"If he was trying to surrender to the officer, the way he
turned around is not the way to do it."

So that individuals' information environments remained constant, respondents did not actually get to read the statements, though they had no way of knowing this would be the case at the time

## After all statements, respondents were asked

- Given what you have heard, how appropriate do you think Officer Silver's actions were?
(Not at all appropriate, a little appropriate, somewhat appropriate, very appropriate, completely appropriate)
- Given what you have read, do you think that Officer Silver should be charged with a crime?
(Definitely should be charged, probably should be charged, probably should not be charged, definitely should not be charged)
- Given what you have read, how likely do you think it is that Mr. Taylor attacked Officer Silver?
(Not at all likely, a little likely, somewhat likely, very likely, extremely likely)
- Do you happen to recall whether Mr. Taylor had a weapon?
(He definitely did not have a weapon, he probably did not have a weapon, he probably had a weapon, he definitely had a weapon)
- How much of a role do you think race played in the shooting?
(No role at all, a little role, a moderate role, a large role, an enormous role)


## Some expectations

- H1 - Black and White respondents will differ in their summary judgments even when they receive the same information (evidence of biased processing)
- H2 - Respondent will prefer to read excerpts that appear likely to bolster their group identities (evidence of motivated reasoning)
- H3 - Respondents will interpret information in line with their pre-existing beliefs about Blacks and the police (evidence of biased updating)


## Summary judgments (H1)



## Initial conclusions

- Evidence of large differences in how respondents process the same information (H1)
- Respondents are somewhat more likely to seek congenial information (H2)
- Racial differences in information processing correspond with differences in prior beliefs about Blacks and fairness of the criminal justice system (H3)


## In sum

- Blacks and Whites reach different conclusions about these incidents because they process information differently, not because the encounter different information
- These differences are partially driven by identityrelated goals, but are more strongly shaped by different racial experiences
- If we want to minimize perceptual differences, interventions should seek to mitigate diverging experiences and expectations across groups


# Can Respondent Race Alter Perceptions of Events? Biased Processing of Officer-Involved Shootings 

Josh Pasek<br>University of Michigan josh@joshpasek.com

Hakeem Jefferson<br>University of Michigan

Fabian Neuner
University of Michigan

# PewResearchCenter 

## Race, Religion and the Meaning of Evangelicalism

## Main approach for categorizing Protestants

- Question 1: What is your present religion if any? Are you Protestant, Roman Catholic, Mormon, Orthodox such as Greek or Russian Orthodox, Jewish, Muslim, Buddhist, Hindu, atheist, agnostic, something else, or nothing in particular?
- Question 2: Would you describe yourself as a "born again" or evangelical Christian, or not?
- Question 3: Which of the following describes your race? You can select as many as apply. White, Black or African American, Asian or Asian American or some other race.


## Attendance at religious services

\% who say they attend religious services ...

|  | Weekly+ | Monthly/yearly | Seldom/never | DK/Ref. |
| :---: | :---: | :---: | :---: | :---: |
| Evangelical Protestant | $\%$ | $\%$ | $\%$ | $\%$ |
| White | 63 | 28 | 9 | $0=100$ |
| Black | 61 | 28 | 10 | 1 |
| Non-evangelical Protestant | 65 | 29 | 6 | 0 |
| White | 28 | 46 | 25 | 1 |
| Black | 26 | 45 | 28 | 1 |
|  | 32 | 51 | 16 | 1 |

Source: 2014 U.S. Religious Landscape Study, conducted June 4-Sept. 30, 2014.

## Same-sex marriage

## \% who <br> $\qquad$ allowing gays and lesbians to marry legally

|  | Oppose | Favor | DK/Ref. |
| :--- | :---: | :---: | :---: |
|  | $\%$ | $\%$ | $\%$ |
| Evangelical Protestant | 65 | 27 | $7=100$ |
| White | 68 | 25 | 6 |
| Black | 59 | 33 | 8 |
| Non-evangelical Protestant | 34 | 57 | 9 |
| White | 33 | 59 | 8 |
| Black | 35 | 54 | 11 |

# Acceptance of homosexuality 

$\%$ who say homosexuality should be ...

|  | Discouraged by <br> society <br> $\%$ | Accepted by <br> society | Other/DK/Ref. |
| :--- | :---: | :---: | :---: |
| Evangelical Protestant | 55 | $\%$ | $\%$ |
| White | 59 | 36 | $9=100$ |
| Black | 48 | 33 | 8 |
| Non-evangelical Protestant | 26 | 44 | 8 |
| White | 25 | 66 | 8 |
| Black | 28 | 67 | 8 |
|  |  | 63 | 9 |

## Size of government

\% who say they prefer a ...

|  | Smaller govt. <br> w/fewer services | Bigger govt. w/ <br> more services | Other/DK/Ref. |
| :--- | :---: | :---: | :---: |
| \% | $\%$ | $\%$ |  |
| Evangelical Protestant | 58 | 36 | $6=100$ |
| White | 73 | 22 | 5 |
| Black | 23 | 71 | 6 |
| Non-evangelical Protestant | 54 | 38 | 8 |
| White | 62 | 30 | 8 |
| Black | 24 | 69 | 8 |

## Government aid to poor

|  | $\%$ who government aid to the poor $\ldots$ <br> Does more harm <br> than good <br> $\%$ | Does more good <br> than harm | Other/DK/ <br> Ref. |
| :--- | :---: | :---: | :---: |
| Evangelical Protestant | 51 | $\%$ | $\%$ |
| White | 61 | 43 | $6=100$ |
| Black | 28 | 34 | 6 |
| Non-evangelical Protestant | 46 | 66 | 7 |
| White | 50 | 48 | 6 |
| Black | 27 | 44 | 6 |
|  |  | 68 | 5 |

## Abortion

\% who say abortion should be ...

|  | Illegal in all/most <br> cases | Legal in <br> all/most cases | DK/Ref. |
| :--- | :---: | :---: | :---: |
| Evangelical Protestant | 62 | $\%$ | $\%$ |
| White | 67 | 34 | $4=100$ |
| Black | 46 | 30 | 3 |
| Non-evangelical Protestant | 35 | 48 | 6 |
| White | 33 | 61 | 5 |
| Black | 35 | 63 | 4 |

## Party affiliation

## \% who identify as ...

## Rep/lean Rep

\%
Dem/lean Dem \%

49
65
10
39
47
8
80

## Other/no lean

\%

White
Black
$15=100$

13
11
18
17
36
22
79
43
36

## 2016 vote intention

## $\%$ who say they intended to vote for ...

|  | Trump/lean <br> Trump | Clinton/lean <br> Clinton | Other/DK/Ref. |
| :--- | :---: | :---: | :---: |
|  | $\%$ | $\%$ | $\%$ |
| Evangelical Protestant | 59 | 34 | $7=100$ |
| White | 75 | 18 | 7 |
| Black | 5 | 92 | 3 |
| Non-evangelical Protestant | 42 | 47 | 11 |
| White | 49 | 40 | 11 |
| Black | 5 | 86 | 9 |

## Prayer

|  | \% who say they pray... |  |  |  |
| :---: | :---: | :---: | :---: | :---: |
|  | Daily+ | Weekly/monthly | Seldom/never | DK/Ref. |
|  | \% | \% | \% | \% |
| Evangelical Protestant | 82 | 15 | 2 | $1=100$ |
| White | 83 | 14 | 2 | 1 |
| Black | 84 | 13 | 2 | 1 |
| Non-evangelical Protestant | 53 | 30 | 15 | 1 |
| White | 48 | 33 | 18 | 1 |
| Black | 70 | 21 | 8 | 1 |

## Importance of religion

$\%$ who say religion is ...

|  | Very important | Somewhat <br> important | Not too/not at <br> all important | DK/Ref. |
| :--- | :---: | :---: | :---: | :---: |
| Evangelical Protestant | $\%$ | $\%$ | $\%$ | $\%$ |
| White | 85 | 12 | 2 | $1=100$ |
| Black | 84 | 14 | 2 | 0 |
| Non-evangelical Protestant | 92 | 7 | 1 | 0 |
| White | 50 | 38 | 12 | 1 |
| Black | 45 | 40 | 14 | 1 |
|  | 70 | 26 | 4 | 0 |

Source: 2014 U.S. Religious Landscape Study, conducted June 4-Sept. 30, 2014.

## Belief in God

## \% who say they ...

|  | Believe in God <br> w/absolute <br> certainty | Believe in God, <br> less certain | Don't believe <br> $\%$ | Other/DK/ <br> Ref. |
| :--- | :---: | :---: | :---: | :---: |
| Evangelical Protestant | $\%$ | $\%$ | 0 | $\%$ |
| White | 91 | 9 | 0 | 0 |
| Black | 92 | 7 | 0 | 0 |
| Non-evangelical Protestant | 92 | 31 | 2 | 0 |
| White | 66 | 35 | 2 | 1 |
| Black | 62 | 18 | 0 | 1 |

Source: 2014 U.S. Religious Landscape Study, conducted June 4-Sept. 30, 2014.

## Religious commitment index

|  | High religious <br> commitment | Medium | Low |
| :--- | :---: | :---: | :---: |
| Evangelical Protestant | 89 | $\%$ | $\%$ |
| White | 88 | 10 | $1=100$ |
| Black | 94 | 12 | 1 |
| Non-evangelical Protestant | 53 | 6 | 0 |
| White | 47 | 38 | 10 |
| Black | 73 | 41 | 12 |
|  |  | 26 | 1 |

## Biblical literalism

\% who say the Bible is ...

|  | Literal word of <br> God | Word of God, not <br> literal | Not the word <br> of God | Other/DK/ <br> Ref. |
| :--- | :---: | :---: | :---: | :---: |
| Evangelical Protestant | $\%$ | $\%$ | $\%$ | $\%$ |
| White | 59 | 31 | 5 | $4=100$ |
| Black | 57 | 34 | 5 | 4 |
| Non-evangelical Protestant | 65 | 26 | 5 | 5 |
| White | 23 | 39 | 29 | 9 |
| Black | 19 | 40 | 32 | 9 |
|  | 41 | 32 | 18 | 9 |

Source: 2014 U.S. Religious Landscape Study, conducted June 4-Sept. 30, 2014.

## PewResearchCenter

Jessica Hamar Martínez
Senior Researcher
jmartinez@pewresearch.org

Claire Gecewicz
Research Assistant
cgecewicz@pewresearch.org

# Investigating and Understanding Responses to Questions on Sex, Sexual Orientation and Sexual Identity 

Carol Pierannunzi, PhD<br>Lead Survey Methodologist, Population Health Surveillance Branch<br>Machell Town, PhD<br>Branch Chief, Population Health Surveillance Branch<br>William Garvin<br>Team Lead, Population Health Surveillance Branch

Presented at the American Association for Public Opinion Annual Conference
May 2017

## BRFSS SOGI Optional Module

1. Do you consider yourself to be:

> Read:

1 Straight
2 Lesbian or gay
3 Bisexual

Do not read:
4 Other
7 Don't know/Not sure
9 Refused
2. Do you consider yourself to be transgender?
Y/N
If yes, ask "Do you consider yourself to be 1. male-to-female, 2. female-to-male, or 3. gender non-conforming?"
1 Yes, Transgender, male-to-female
2 Yes, Transgender, female to male
3 Yes, Transgender, gender nonconforming
4 No

7 Don't know/not sure
9 Refused

## Demographic Sex Question

Are you...
1 Male
2 Female
(Note: System may populate field from household enumeration process in landline interviews).

## Female Respondents by SOGI Categories



Response to gender identity question

## Male Respondents by SOGI Categories



## General Health Indicators By SOGI

$\square$ Straight $\quad$ Gay/Lesiban/ Other $\square$ Not-transgender $\square$ Transgender


## Who Is Answering DNK or Refusing? (Transgender/ NE Straight Only)

## Mean age $=59.3$

- DNK sexual orientation question $=62.5^{*}$
- DNK gender identity question $=63.3^{*}$
- Refusal sexual orientation question $=59.8$
- Refusal gender identity question $=59$. 7* $^{*}$
- Percent male total $=38.9$
- DNK sexual orientation question $=39.1$
- DNK gender identity question = 39.8
- Refusal sexual orientation question= 37.44
- Refusal gender identity question $=37.0$
- Percent married =47.2
- DNK sexual orientation question $=42.1^{*}$
- DNK Gender identity question $=38.6$
- Refusal sexual orientation question $=51.2^{*}$
- Refusal gender identity question $=51.8^{*}$
- Percent white $=67.3$
- DNK Sexual orientation question $=60.2$
- DNK gender identity question $=60.9$
- Refusal sexual orientation question $=68.4$
- Refusal gender identity question $=68.6$


## Summary of Crosstab Results

- No pattern of answering sex, sexual orientation and gender identity
- Refusal rates high
- Both male and females
- People may respond DNK or refuse Sexual Orientation and then indicate that they are transgender
$\square$ DNK rates higher than other questions
- Do they understand the question
- Older, respondents more likely to provide DNK/refusal
- Married respondents more likely to refuse to answer
- Differences in general health outcomes by SOGI group


## A Few Lessons Learned

- Don't make assumptions based on traditional sex questions
- Consider changes in the traditional sex demographic question
$\square$ Don't introduce a skip pattern-the transgender questions should be asked of all respondents
$\square$ Populations are small (and dispersed) so we still have problems with weighting/ predictive models
$\square$ Differences in health outcomes is unexplored territory
- Watch the translation process


## Questions?

## Thank You ivk7@cdc.gov

For more information please contact Centers for Disease Control and Prevention

1600 Clifton Road NE, Atlanta, GA 30333
Telephone: 1-800-CDC-INFO (232-4636)/TTY: 1-888-232-6348
E-mail: cdcinfo@cdc.gov Web: http://www.cdc.gov

The findings and conclusions in this report are those of the authors and do not necessarily represent the official position of the Centers for Disease Control and Prevention.

## Recap

## - RACE:

- Large differences in how respondents process the same information
- Respondents somewhat more likely to seek congenial information, and
- Racial differences in information processing correspond with differences in prior beliefs
- RELIGION:
- Among respondents who identify as "evangelical", religiosity measures look similar, but...
- Differences by race: social issues, partisanship, and vote
- Whites- more Republican, more conservative on social issues, vote Trump
- Blacks- more Democrat, more mod./liberal on social issues, vote Clinton
- SOGI:
- SO—Refusal rates are high, people may respond DNK or refuse but also identify as transgender
- Don't introduce a skip pattern-the transgender question should be asked of all respondents
- DNK rates higher than other questions
- Do they understand the question? (Spanish translation revision, 2018?)
- DNK responses more likely for older respondents and married respondents
- Differences in general health outcomes by SOGI group—unexplored territory
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