

## Page description:

ID 121

### Consent Form “Forensic Judgments”

**Purpose:** In this study, you will answer questions about yourself and interpret forensic data.

**Steps:** If you agree to complete this HIT, you will be asked to read short paragraphs, a short set of instructions, answer one or more very simple factual questions about what you’ve read, and make an investigative decision. Then you will answer some questions about yourself.

**Time required:** This study takes about **8 minutes**.

**Anonymity:** Your responses will be identified with a unique response code. Your name will not be associated with your responses. Analysis of results will not include any information that makes it possible to identify you.

**Risks and benefits:** This study will not expose you to any known risks. The only known cost to you of participating in this study is the inconvenience of giving your time. Other than compensation (see below), you may not receive any benefits from participation. You will be compensated for your completion of study questions through the Mechanical Turk system.

**Compensation:** By completing this HIT, you will earn \$41.

**Voluntary participation:** Taking this study is completely voluntary, and you can withdraw at any time by simply closing out of the study. If you withdraw in this manner, your data will be destroyed. You will not incur any penalty or loss of benefits to which you are otherwise entitled by refusing to participate or discontinuing your participation at any time. The investigator may withdraw a participant based on any of the following reasons: (1) non-U.S. location according to IP address, (2) repeated study completions from the same IP address, (3) non-compliance with quality control measures, or (4) failure to enter a valid response ID when prompted.

**Contact with questions:** The researchers conducting this study are K.L. Sack and Dr. N.J.G. Winter. If you have any questions, you may contact the principal investigator at kls9t@virginia.edu or Dr. Winter at nwinter@virginia.edu. If you have any questions or concerns regarding your rights as a participant in this study, you may contact the U.Va. Institutional Review Board at irbsbshelp@virginia.edu or (434) 924-5999.

I have read and understood the above consent form. If desired, I printed a copy for my own records. By clicking next, I indicate my decision to participate in this study.

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**Page description:**

Action: Percent Branch  
exp4

ID 12

In this research on forensic judgments, you will read a background investigation, score a polygraph chart, and complete a brief survey. In order to make your job more like a real polygrapher's, you **must** first read the subject's background investigation.

Once you submit your answers on one page, you cannot return to the previous page. Do not hit the back button on your browser.

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ID 34



IDN: 7456-29039

Name: [REDACTED]

DOB: [REDACTED]

SSN: [REDACTED]

#### EMPLOYMENT HISTORY

Full-time at [REDACTED] as of 2005. Previously employed as [REDACTED] 2000-2005, and part-time [REDACTED] at [REDACTED], [REDACTED] in [REDACTED], [REDACTED], 1997-2000.

#### MEDICAL HISTORY

No hospitalizations or major surgeries reported.

#### CRIMINAL HISTORY

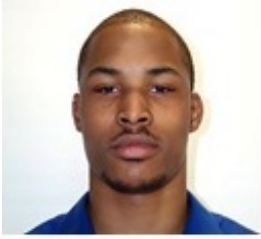
No outstanding tickets, no warrants, citations, or criminal history found.

#### FAMILY HISTORY

Mother, [REDACTED], maiden name [REDACTED], and father, [REDACTED], reside at [REDACTED], [REDACTED], [REDACTED], also subject's childhood home. Describe subject as "your typical kid." Neighbors remember subject as quiet, reserved. [REDACTED] remembers subject mowing her lawn for many summers.

#### CREDIT HISTORY

Credit reports show all accounts up to date. Lines of credit \$8,500 through Bank of America and \$21,000 through Wells Fargo.



IDN: 7456-29039

Name: [REDACTED]

DOB: [REDACTED]

SSN: [REDACTED]

#### EMPLOYMENT HISTORY

Employment record is very scant, leading investigator to suspect subject did not report all jobs and has a history of not reporting income. Self-employed consultant in the security industry, 2006-present. Previously part-time bouncer and night security to [REDACTED].

#### MEDICAL HISTORY

[REDACTED]. History of ER visits due to injuries resulting from fighting. No record of routine medical care.

#### CRIMINAL HISTORY

Shoplifting 1993. Disorderly conduct 1995. Criminal negligence and driver's license revoked 1995. Assault charges filed and later dropped 1995, 1997, 1998.

#### FAMILY HISTORY

Father, [REDACTED], ran the only [REDACTED] in town until his death in 1996. Mother, [REDACTED], left family after subject's younger brother drowned in the bathtub, 1989. Living siblings, [REDACTED] and [REDACTED], not reachable.

#### CREDIT HISTORY

Chapter 10 filed 1999. Current debts \$2,901.82. Wells Fargo auto loan balance \$14,271.20. Bank of America Master Card outstanding balance of \$237.92 on \$1,800 line of credit. Current located assets \$5,738.18.



IDN: 7456-29039

Name: [REDACTED]

DOB: [REDACTED]

SSN: [REDACTED]

#### EMPLOYMENT HISTORY

Full-time at [REDACTED] as of 2005. Previously employed as [REDACTED] 2000-2005, and part-time [REDACTED] at [REDACTED] in [REDACTED], 1997-2000.

#### MEDICAL HISTORY

No hospitalizations or major surgeries reported.

#### CRIMINAL HISTORY

No outstanding tickets, no warrants, citations, or criminal history found.

#### FAMILY HISTORY

Mother, [REDACTED], maiden name [REDACTED], and father, [REDACTED], reside at [REDACTED], [REDACTED], [REDACTED], also subject's childhood home. Describe subject as "your typical kid." Neighbors remember subject as quiet, reserved. [REDACTED] remembers subject mowing her lawn for many summers.

#### CREDIT HISTORY

Credit reports show all accounts up to date. Lines of credit \$8,500 through Bank of America and \$21,000 through Wells Fargo.



IDN: 7456-29039

Name: [REDACTED]

DOB: [REDACTED]

SSN: [REDACTED]

#### EMPLOYMENT HISTORY

Employment record is very scant, leading investigator to suspect subject did not report all jobs and has a history of not reporting income. Self-employed consultant in the security industry, 2006-present. Previously part-time bouncer and night security to [REDACTED] [REDACTED].

#### MEDICAL HISTORY

[REDACTED] [REDACTED] [REDACTED]. History of ER visits due to injuries resulting from fighting. No record of routine medical care.

#### CRIMINAL HISTORY

Shoplifting 1993. Disorderly conduct 1995. Criminal negligence and driver's license revoked 1995. Assault charges filed and later dropped 1995, 1997, 1998.

#### FAMILY HISTORY

Father, [REDACTED] [REDACTED], ran the only [REDACTED] in town until his death in 1996. Mother, [REDACTED] [REDACTED], left family after subject's younger brother drowned in the bathtub, 1989. Living siblings, [REDACTED] [REDACTED] and [REDACTED] [REDACTED], not reachable.

#### CREDIT HISTORY

Chapter 10 filed 1999. Current debts \$2,901.82. Wells Fargo auto loan balance \$14,271.20. Bank of America Master Card outstanding balance of \$237.92 on \$1,800 line of credit. Current located assets \$5,738.18.

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ID 79

According to the background investigation, the subject has \*

- never had a driver's license
- no outstanding tickets
- one outstanding ticket
- two outstanding tickets
- three outstanding tickets

- had his driver's license revoked

ID 83

According to his background investigation, the subject has \*

- never had a driver's license
- no outstanding tickets
- one outstanding ticket
- two outstanding tickets
- three outstanding tickets
- had his driver's license revoked

**Page exit logic:** dq

**IF:** (Question (ID 79) contains any ("never had a driver's license","one outstanding ticket","two outstanding tickets","three outstanding tickets","had his driver's license revoked") OR Question (ID 83) contains any ("never had a driver's license","no outstanding tickets","one outstanding ticket","two outstanding tickets","three outstanding tickets")) **THEN:** Disqualify and display: Sorry, your answer does not pass a reading comprehension quality control test. You will not receive payment nor will we use your responses in this study.

**Page description:**

ID 132

*To give you some idea of how polygraphs work, this table expresses expected results of a polygraph test procedure with better than state-of-the-art accuracy in a hypothetical population of 10,000 subjects that includes ten liars.*

	<b>Examinee's true condition</b>
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Test result	Liar	Innocent	Total
(A) Suspicious mode: Test is set to detect the great majority (80%) of liars.			
"Fail"	8	1,598	1,606
"Pass"	2	8,392	8,394
Total	10	9,990	10,000
(B) Friendly mode: Test is set to protect the innocent.			
"Fail"	2	39	41
"Pass"	8	9,951	9,959
Total	10	9,990	10,000

Source: Adapted from National Research Council, Committee to Review the Scientific Evidence on the Polygraph (2003), *The Polygraph and Lie Detection*. National Academy Press, Washington, Table S-2.

ID 133

#### Accuracy Rates in Suspicious Mode:

Someone who "failed" this test would have about a .5% chance of being guilty.

Someone who "passed" this test would have about a 99.9% chance of being innocent.

#### Accuracy Rates in Friendly Mode:



Someone who "failed" this test would have about a 5% chance of being guilty.  
Someone who "passed" this test would have about a 99.9% chance of being innocent.

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ID 134

### Error Rates in Suspicious Mode

Someone who "failed" this test would have about a 99.5% chance of being innocent.  
Someone who "passed" this test would have about a .0002% chance of being guilty.

### Error Rates in Friendly Mode

Someone who "failed" this test would have a 95% chance of being innocent.  
Someone who "passed" this test would have about a .0008% chance of being guilty.

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ID 130

**Select Suspicious or Friendly Mode. Choose whichever mode you think is better for assessing the polygraph chart of the subject whose background investigation you just reviewed. \***

- Suspicious
  - Friendly
- 

**Page description:**

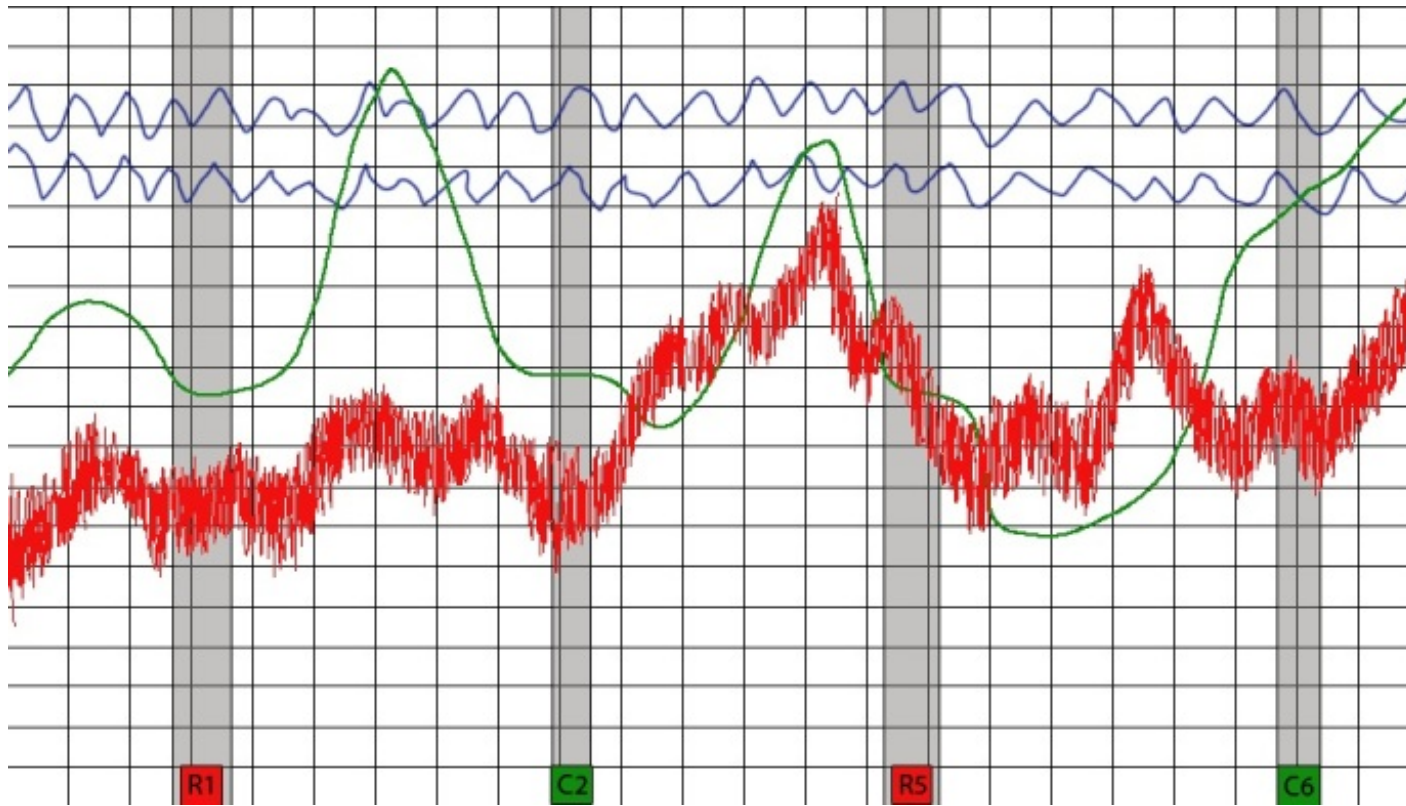
ID 38

Now, score the subject's polygraph chart using the following guidelines.

- Where the reaction appears greater following a **relevant question (R)** than following a control question (C), **deception** is indicated.

- Where the reaction appears greater following a **control question (C)** than following a relevant question (**R**), **no deception** is indicated.
- Look for the greater reaction for **each** parameter, where blue is respiration, green is galvanic skin response, and red is heart rate.

ID 19



ID 39

Score the chart as deception indicated or no deception indicated: \*

- deception indicated
- no deception indicated

ID 131

Do you think the polygraph chart you interpreted correctly indicates whether this subject is lying or telling the truth, or do you think that the chart is incorrect? \*

- Chart is correct
  - Chart is incorrect
- 

ID 40

If you had to guess, what was the purpose of this study? \*

Page description:

ID 41

In what year were you born? \*

- 1994
- 1993
- 1992
- 1991
- 1990
- 1989
- 1988
- 1987
- 1986
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ID 42

**What is your gender? \***

Male  
Female

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ID 43

**Are you of Hispanic, Latino, or Spanish origin? Check all that apply. \***

- No, not of Hispanic, Latino, or Spanish origin
  - Yes, Mexican, Mexican American, Chicano
  - Yes, Puerto Rican
  - Yes, Cuban
  - Yes, another Hispanic, Latino, or Spanish origin. For example, Argentinean, Colombian, Dominican, Nicaraguan, Salvadoran, Spaniard, and so on
-

**Page exit logic:** dqhisp

**IF:** (Question (ID 43) contains any ("No, not of Hispanic, Latino, or Spanish origin") AND Question (ID 43) contains any ("Yes, Mexican, Mexican American, Chicano"; "Yes, Puerto Rican"; "Yes, Cuban"; "Yes, another Hispanic, Latino, or Spanish origin. For example, Argentinean, Colombian, Dominican, Nicaraguan, Salvadoran, Spaniard, and so on")) **THEN:** Disqualify and display: Sorry, your responses failed a quality control check. You will not receive payment for this survey and your data will not be used.

ID 44

**What racial or ethnic group or groups best describes you? Check all that apply. \***

- white
- black, African-American, or Negro
- American Indian or Alaska Native
- Asian Indian
- Chinese
- Japanese
- Korean
- Native Hawaiian
- Guamanian or Chamorro
- Filipino
- Vietnamese
- Samoan
- Other Asian - for example, Hmong, Laotian, Thai, Pakistani, Cambodian, and so on
- Other Pacific Islander - for example, Fijian, Tongan, and so on

ID 45

**What is the highest degree that you have earned? \***

- Grade school
- High school or GED
- Some college but no degree
- College or advanced degree

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**Page description:**

ID 46

The next questions are a little different. Read the directions carefully.

This survey is part of an investigation of general public opinion concerning a variety of social issues. You will probably find that you agree with some of the statements, and disagree with others, to varying extents. Please indicate your reaction to each statement on the line below each item according to the scale below:

Select -4 if you very strongly disagree with the statement.

Select -3 if you strongly disagree with the statement.

Select -2 if you moderately disagree with the statement.

Select -1 if you slightly disagree with the statement.

Select +1 if you slightly agree with the statement.

Select +2 if you moderately agree with the statement.

Select +3 if you strongly agree with the statement.

Select +4 if you very strongly agree with the statement.

If you feel exactly and precisely neutral about an item, select 0.

**Important:** You may find that you sometimes have different reactions to different parts of a statement. For example, you might very strongly disagree (-4) with one idea in a statement, but slightly agree (+1) with another idea in the same item. *When this happens, please combine your reactions, and select how you feel on balance (a -3 in this case).*

ID 51

The established authorities generally turn out to be right about things, while the radicals and protestors are usually just "loud mouths" showing off their ignorance. \*

-4            -3            -2            -1            0            1            2            3            4  
                                                                                               

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ID 50

Women should have to promise to obey their husbands when they get married. \*

-4            -3            -2            -1            0            1            2            3            4  
                                                                                               

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ID 49

Our country desperately needs a mighty leader who will do what has to be done to destroy the radical new ways and sinfulness that are ruining us. \*

-4            -3            -2            -1            0            1            2            3            4  
                                                                                               

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ID 48

Gays and lesbians are just as healthy and moral as anybody else. \*

-4            -3            -2            -1            0            1            2            3            4  
                                                                                               

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ID 69



**It is always better to trust the judgment of the proper authorities in government and religion than to listen to the noisy rabble-rousers in our society who are trying to create doubt in people's minds. \***



**ID 67**

**Atheists and others who have rebelled against the established religions are no doubt every bit as good and virtuous as those who attend church regularly. \***



**ID 66**

**The only way our country can get through the crisis ahead is to get back to our traditional values, put some tough leaders in power, and silence the troublemakers spreading bad ideas. \***



**ID 65**

**There is absolutely nothing wrong with nudist camps. \***



**ID 64**

**Our country needs free thinkers who have the courage to defy traditional ways, even if this upsets many people. \***

-4                      -3                      -2                      -1                      0                      1                      2                      3                      4  
                                                                                                                                                                               

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ID 63

**Our country will be destroyed someday if we do not smash the perversions eating away at our moral fiber and traditional beliefs. \***

-4                      -3                      -2                      -1                      0                      1                      2                      3                      4  
                                                                                                                                                                               

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ID 62

**Everyone should have their own lifestyle, religious beliefs, and sexual preferences, even if it makes them different from everyone else. \***

-4                      -3                      -2                      -1                      0                      1                      2                      3                      4  
                                                                                                                                                                               

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ID 61

**The "old-fashioned ways" and the "old-fashioned values" still show the best way to live. \***

-4                      -3                      -2                      -1                      0                      1                      2                      3                      4  
                                                                                                                                                                               

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ID 60

**You have to admire those who challenged the law and the majority's view by protesting for women's abortion rights, for animal rights, or to abolish school prayer. \***

-4                      -3                      -2                      -1                      0                      1                      2                      3                      4



ID 55

A "woman's place" should be wherever she wants to be. The days when women are submissive to their husbands and social conventions belong strictly in the past. \*

-4                      -3                      -2                      -1                      0                      1                      2                      3                      4  
                                                                                                                                                                               

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ID 53

Our country will be great if we honor the ways of our forefathers, do what the authorities tell us to do, and get rid of the "rotten apples" who are ruining everything. \*

-4                      -3                      -2                      -1                      0                      1                      2                      3                      4  
                                                                                                                                                                               

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ID 54

There is no "ONE right way" to live life; everybody has to create their own way. \*

-4                      -3                      -2                      -1                      0                      1                      2                      3                      4  
                                                                                                                                                                               

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ID 90

To ensure response quality, all respondents are directed to select minus three on this statement. \*

-4                      -3                      -2                      -1                      0                      1                      2                      3                      4  
                                                                                                                                                                               

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ID 52

Homosexuals and feminists should be praised for being brave enough to defy "traditional" family values. \*

-4                      -3                      -2                      -1                      0                      1                      2                      3                      4  
                                                                                                                                                                               

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ID 10

This country would work a lot better if certain groups of troublemakers would just shut up and accept their group's traditional place in society. \*

-4                      -3                      -2                      -1                      0                      1                      2                      3                      4  
                                                                                                                                                                               

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**Page exit logic:** qualitycontrolreadd

**IF:** Question (ID 90) contains any ("-4","-2","-1","0","1","2","3","4") **THEN:** Disqualify and display:

Sorry, your responses failed a quality control check. You will not receive payment for this survey and your data will not be used.

**Page description:**

ID 70

These are the last questions. Thank you for your participation.

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ID 93

Do you **agree or disagree** with the following statements?

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ID 92

"People like me don't have any say about what the government does." \*

- agree
  - neither agree nor disagree
  - disagree
- 

ID 94

**"I don't think public officials care much what people like me think." \***

- agree
  - neither agree nor disagree
  - disagree
- 

ID 95

**"I consider myself well-qualified to participate in politics." \***

- agree
  - neither agree nor disagree
  - disagree
- 

ID 96

**"I feel that I have a pretty good understanding of the important political issues facing our country." \***

- agree
- neither agree nor disagree
- disagree

---

ID 97

**"I feel that I could do as good a job in public office as most other people." \***

- agree
  - neither agree nor disagree
  - disagree
- 

ID 98

**"I think that I am as well-informed about politics and government as most people." \***

- agree
  - neither agree nor disagree
  - disagree
- 

ID 71

**Generally speaking, do you think of yourself as a Republican, a Democrat, or an Independent? \***

- strong Democrat
- not very strong Democrat
- Independent – leaning Democrat
- Independent – leaning Republican
- not very strong Republican
- strong Republican

ID 72

What is your approximate annual household income level? \*

- \$25,000 or below
- \$26,000-\$50,000
- \$51,000-\$75,000
- \$76,000-100,000
- \$100,000-\$150,000
- \$151,000 or above

Page description:

ID 122

### Debriefing Statement “Forensic Judgments”

This is the end of the study. Thank you for participating in this research.

The following is additional information about the study you just completed. The stimuli you viewed, including physiological data and background investigation, were constructed for research purposes. The study implied credibility assessment tools detect deception. This is not true. They detect physiological responses associated with a wide range of physical, mental, and emotional states. The true purpose of the study was to see whether irrelevant information and/or contextual conditions change forensic judgments. This was not stated at the beginning, because knowing what researchers are studying often changes people’s responses in research studies. Because you were deceived, you have the option now of requesting that all your data in relation to this study be destroyed immediately. If you do so, there is no penalty.



For further information about the phenomena under study, please see the National Research Council's review of the scientific evidence on the polygraph, available for free online at [http://www.nap.edu/catalog.php?record\\_id=10420](http://www.nap.edu/catalog.php?record_id=10420).

If you agree to inclusion of your data, it may be presented at meetings or conferences, and become part of academic research submitted for publication. Your personally identifying information has not been collected and will never be associated with your data.

By clicking next, you indicate permission for your data to be used in this study. By exiting the survey, you indicate you wish for your data to be destroyed immediately.

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Thank You!

**Page description:**

ID 1

Thank you for taking our survey. Your response is very important to us.

ID 89

Here is your unique response code: [survey("response id")]. Please enter it in the HIT to receive payment.

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