Representativeness versus Response Quality: Assessing Nine Opt-In Online Survey Samples – item wording

Demos_1

demo_inst
Please answer the following questions. Note that you may need to scroll to see all of the questions.

age_d What is your age?

[free response box]

Gender_d What is your gender?

- ○ Male (1)
- ○ Female (2)
- ○ Other *(please specify)* (3)

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race / ethnicity
Please select which race/ethnicity you most identify as. *(Select all that apply)*

- ☐ White/Caucasian (1)
- ☐ Black/African-American (2)
- ☐ Latino/Hispanic (3)
- ☐ Asian/Asian-American (4)
- ☐ Other *(please specify)* (5)

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a3 captcha Please write “twenty-five” using numbers.

[free response box]

Educ What is the highest level of school that you have completed?

- ○ Less than high school (1)
- ○ High school diploma/GED (2)
- ○ Some college but no degree (3)
- ○ Associate's degree (6)
- ○ Bachelor's degree (4)
- ○ Postgraduate (Master's degree, Ph.D., Professional degree) (5)

Page Break

Income

Approximately what is your current total household income before taxes? Please include all sources of income.

- ○ Less than $10,000 (1)
- ○ $10,000 - $19,999 (2)
- ○ $20,000 - $29,999 (3)
- ○ $30,000 - $39,999 (4)
- ○ $40,000 - $49,999 (5)
- ○ $50,000 - $59,999 (6)
- ○ $60,000 - $69,999 (7)
- ○ $70,000 - $79,999 (8)
- ○ $80,000 - $89,999 (9)
- ○ $90,000 - $99,999 (10)
- ○ $100,000 - $124,999 (11)
- ○ $125,000 - $174,999 (12)
- ○ $175,000 - $199,999 (13)
- ○ $200,000+ (14)

employment Which of the following best describes your current employment status?

- ○ Working full time now (1)
- ○ Working part time now (2)
- ○ Temporarily laid off (3)
- ○ Unemployed (4)
- ○ Retired (5)
- ○ Permanently disabled and unable to work (6)
- ○ Taking care of home or family (7)
- ○ Student (8)
- ○ Other *(please specify)* (9)

---

lcd_cach Help us keep track of who is paying attention. Please select “Somewhat disagree” from the options below.

- ○ Strongly agree (1)
- ○ Agree (2)
- ○ Somewhat agree (3)
- ○ Neither agree nor disagree (4)
- ○ Somewhat disagree (5)
- ○ Disagree (6)
- ○ Strongly disagree (7)

State In which state do you currently reside?

▼ drop down with all 50 states, plus I do not reside in the United States (53)

UrbanRural What type of community do you live in?

- ○ Large city (1)
- ○ Suburb near a large city (4)
- ○ Small city or town (5)
- ○ Rural area (6)
- ○ I'm not sure (7)

Page Break

overall Which point on this scale best describes your ***overall*** political views?

- ○ Very liberal (1)
- ○ Mostly liberal (2)
- ○ Somewhat liberal (3)
- ○ Moderate (4)
- ○ Somewhat conservative (5)
- ○ Mostly conservative (6)
- ○ Very conservative (7)

ANES Generally speaking, do you usually think of yourself as a Republican, a Democrat, an Independent, or something else?

- ○ Democrat (1)
- ○ Republican (2)
- ○ Independent (3)
- ○ Other *(please specify)* (4)

Page Break

rep_ps Would you call yourself a strong Republican or a not very strong Republican?

- ○ Strong Republican (1)
- ○ Not very strong Republican (2)

---

dem_ps Would you call yourself a strong Democrat or a not very strong Democrat?

- ○ Strong Democrat (1)
- ○ Not very strong Democrat (2)

---

ind_ps Do you think of yourself as closer to the Republican Party or the Democratic Party?

- ○ Closer to Republican Party (1)
- ○ Neither (2)
- ○ Closer to Democratic Party (3)

Demos_2

ID_identity How important is being a {chosen party} to you?

- ○ Not at all important (1)
- ○ Not very important (2)
- ○ Somewhat important (3)
- ○ Very important (4)
- ○ Extremely important (5)

ID_in_common When talking about **{chosen party}s**, how often do you use “we” instead of “they”?

- Never (1)
- Rarely (2)
- Some of the time (3)
- Most of the time (4)
- All of the time (5)

ID_identity_other
Above, you identified as a: **{chosen party}**

How important is being part of this group to you?

- Not at all important (1)
- Not very important (2)
- Somewhat important (3)
- Very important (4)
- Extremely important (5)

ID_in_common_other When talking about **{chosen party}** as a group, how often do you use “we” instead of “they”?

- Never (1)
- Rarely (2)
- Some of the time (3)
- Most of the time (4)
- All of the time (5)

ID_identity_other_2

Above, you identified as a: **Other**

How important is being part of this group to you?

- ○ Not at all important (1)
- ○ Not very important (2)
- ○ Somewhat important (3)
- ○ Very important (4)
- ○ Extremely important (5)

ID_in_common_other_2 When talking about **Political "Others"** as a group, how often do you use “we” instead of “they”?

- ○ Never (1)
- ○ Rarely (2)
- ○ Some of the time (3)
- ○ Most of the time (4)
- ○ All of the time (5)

Page Break

(version randomized)

policy_pos_libframe Please indicate how much you oppose or support the following political positions as they currently exist in the U.S. using the following scale:

	Strongly Oppose (1)	Oppose (2)	Slightly Oppose (3)	Neither Oppose nor Support (4)	Slightly Support (5)	Support (6)	Strongly Support (7)
Broadening universal healthcare	○	○	○	○	○	○	○
Ending the death penalty	○	○	○	○	○	○	○
Increasing gun control laws	○	○	○	○	○	○	○
Increasing abortion rights	○	○	○	○	○	○	○
Increasing immigration	○	○	○	○	○	○	○
Increasing nuclear energy production	○	○	○	○	○	○	○
Decreasing nuclear energy production	○	○	○	○	○	○	○
Decreasing military spending	○	○	○	○	○	○	○
Extending Social Security	○	○	○	○	○	○	○
Broadening climate policies	○	○	○	○	○	○	○
Please select “Neither Oppose nor Support”	○	○	○	○	○	○	○

policy_pos_conframe Please indicate how much you oppose or support the following political positions as they currently exist in the U.S. using the following scale:

	Strongly Oppose (1)	Oppose (2)	Slightly Oppose (3)	Neither Oppose nor Support (4)	Slightly Support (5)	Support (6)	Strongly Support (7)
Restricting universal healthcare	○	○	○	○	○	○	○
Increasing use of the death penalty	○	○	○	○	○	○	○
Decreasing gun control laws	○	○	○	○	○	○	○
Decreasing abortion rights	○	○	○	○	○	○	○
Decreasing immigration	○	○	○	○	○	○	○
Decreasing nuclear energy production	○	○	○	○	○	○	○
Increasing nuclear energy production	○	○	○	○	○	○	○
Increasing military spending	○	○	○	○	○	○	○
Shortening Social Security	○	○	○	○	○	○	○
Restricting climate policies	○	○	○	○	○	○	○
Please select “Neither Oppose nor Support”	○	○	○	○	○	○	○

Page Break

vote_2020
In each of these elections, who did you vote for?

2020 presidential election

- ○ Joe Biden (1)
- ○ Donald Trump (2)
- ○ Other *(please specify)* (3)
- ○ Didn't vote (4)
- ○ Wasn't able to vote (5)

---

vote_2016 **2016 presidential election**

- ○ Hillary Clinton (1)
- ○ Donald Trump (2)
- ○ Other *(please specify)* (3)
- ○ Didn't vote (4)
- ○ Wasn't able to vote (5)

---

vote_2012 **2012 presidential election**

- ○ Barack Obama (1)
- ○ Mitt Romney (2)
- ○ Other *(please specify)* (3)
- ○ Didn't vote (4)
- ○ Wasn't able to vote (5)

---

vote_2008 **2008 presidential election**

- ○ Barack Obama (1)
- ○ John McCain (2)
- ○ Other *(please specify)* (3)
- ○ Didn't vote (4)
- ○ Wasn't able to vote (5)

CRT intro

Info In the following section, you will be asked several questions. Please do your best to answer as accurately as possible.

CRT_emily Emily's father has three daughters. The first two are named April and May. What is the third daughter's name?

[free response box]

CRT_race If you're running a race and you pass the person in second place, what place are you in?

[free response box]

CRT_age The ages of Mark and Adam add up to 28 years total. Mark is 20 years older than Adam. How many years old is Adam?

[free response box]

CRT_bread On a loaf of bread, there is a patch of mold. Every day, the patch doubles in size. If it takes 40 days for the patch to cover the entire loaf of bread, how many days would it take for the patch to cover half of the loaf of bread?

[free response box]

PK

pk_intro
In the next part of this study, you will be asked four factual questions about politics and public policy.

Many people don't know the answers to these questions, but it is helpful for us if you answer, even if you're not sure what the correct answer is. We encourage you to take a guess on every question. Please just give your best guess.

Please do not look up the answers in a book or on the Internet. You will be given **15 seconds** to respond to each question before the survey will **advance automatically**.

Continue on when you are ready.

Pk_1 Whose responsibility is it to decide if a law is constitutional or not?

- ○ The President (1)
- ○ Congress (2)
- ○ The Supreme Court (3)
- ○ The Parliament (4)

PK_2 What branch of government creates new laws?

- ○ The Executive Branch (1)
- ○ The Judicial Branch (2)
- ○ The Legislative Branch (3)

PK_4 Do you know what job or political office is currently held by Chuck Schumer?

- ○ Speaker of the House (1)
- ○ Finance Minister (2)
- ○ Senate Minority Leader (3)
- ○ Justice of The Supreme Court (4)
- ○ Senate Majority Leader (5)

PK_5 Do you know what job or political office is currently held by Amy Coney Barrett?

- ○ Speaker of the House (1)
- ○ Finance Minister (2)
- ○ Justice of The Supreme Court (3)
- ○ Senate Minority Leader (4)
- ○ Senate Majority Leader (5)

Religious belief

SBS How much do you agree or disagree with these statements?

	Strongly Disagree -3 (-3)	-2 (-2)	-1 (-1)	Neither Agree nor Disagree 0 (0)	1 (1)	2 (2)	Strongly Agree 3 (3)
There is an all-powerful, all-knowing God	○	○	○	○	○	○	○
There are good & evil spiritual beings (e.g., angels or demons)	○	○	○	○	○	○	○
All humans have a spirit separate from the body	○	○	○	○	○	○	○
There is some kind of life after death	○	○	○	○	○	○	○
Miracles can and do happen	○	○	○	○	○	○	○

Relig_id What best describes the religious tradition that you currently identify with?

If you currently identify with more than one tradition, please choose the tradition that you identify with most strongly.

- ○ Catholic (1)
- ○ Protestant (2)
- ○ Buddhist (3)
- ○ Hindu (4)
- ○ Muslim (5)
- ○ Jewish (6)
- ○ Agnostic (7)
- ○ Atheist (8)
- ○ No religion (9)
- ○ Other not listed *(please specify)* (19) _____

god Which best describes your beliefs about God?

- ○ I don't believe in God now, and I *never* have (1)
- ○ I don't believe in God now, but I *used to* (2)
- ○ I don't know what I believe now, but I *used to* believe in God (3)
- ○ I don't know what I believe now, but I *didn't* used to believe in God (4)
- ○ I believe in God now, but I *didn't* used to (5)
- ○ I believe in God now, and I *always* have (6)

Vin ck

vinCK_inst Please read the following short article.
Officials in a midsize town have been working for four years on a plan to produce an event license to cover all of the major events that occur at the town's local stadium, which hosts concerts and home sports games. The application would be submitted each January and list all events expected to occur at the stadium over the next 12 months. If an unlisted event emerges during the year, lawmakers could hold a special hearing on the event, or accept it without a hearing and add it into the existing license. To assist with this plan, lawmakers filed legislation that would change state licensing laws so that annual event licenses will expire within one year. "This makes a minor change to current law, which provides that all licenses issued shall expire on December 31 of each year," a lawmaker said.

---

vinCK What was the topic of the short article you just read about?

- ○ Medical funding (1)
- ○ Event licensing (2)
- ○ Political polarization (3)
- ○ City health budgeting (4)
- ○ Election monitoring policy (5)
- ○ Campaign finance reform (6)

Risk

risk_intro **Please answer the following questions.**

risk_1_WVS
Some people say you should be cautious about making major changes in life. Others say that you will never achieve much in life unless you act boldly. And others have views in between.

Where would you place yourself on this scale?

- 1 - You should be cautious about making major changes in life (1)
- 2 (2)
- 3 (3)
- 4 (4)
- 5 (5)
- 6 (6)
- 7 - You will never achieve much in life unless you act boldly (7)

---

risk_2_NES

Suppose you were betting on horses and were a big winner in the third or fourth race.

Would you be more likely to continue playing or take your winnings?

- Definitely continue playing (1)
- Probably continue playing (2)
- Not sure (3)
- Probably take my winnings (4)
- Definitely take my winnings (5)

---

risk_3 In general, how easy or difficult is it for you to accept taking risks?

- ○ Very difficult (1)
- ○ Somewhat difficult (2)
- ○ Somewhat easy (3)
- ○ Very easy (4)

Confidence in Orgs

confidence_orgs We are going to name a number of organizations. For each one, please tell us how much **confidence** you have in them to perform their role in society.

	A great deal of confidence (1)	Quite a lot of confidence (2)	Some confidence (6)	Not very much confidence (3)	No confidence at all (4)
The police and law enforcement	○	○	○	○	○
The judicial system and courts	○	○	○	○	○
Your government (in the nation's capital)	○	○	○	○	○
Civil services (fire department, post office, waste management, etc.)	○	○	○	○	○
The banking system	○	○	○	○	○
Health care or medical systems	○	○	○	○	○
The scientific community	○	○	○	○	○
The news media	○	○	○	○	○
The military	○	○	○	○	○
Please select "A great deal of confidence"	○	○	○	○	○

transition block

Please continue on to the next set of questions.

Green and Kern

GnK_inst

We are faced with many problems in this country, none of which can be solved easily or inexpensively. I'm going to name some of these problems, and for each one I'd like you to tell me whether you think we're spending too much money on it, too little money, or about the right amount.

enviro

Are we spending too much, too little, or about the right amount on:
improving and protecting the environment?

- ○ Too much (1)
- ○ Too little (2)
- ○ About the right amount (3)

pubhealth

Are we spending too much, too little, or about the right amount on:
improving and protecting the nation's public health?

- ○ Too much (1)
- ○ Too little (2)
- ○ About the right amount (3)

crime

Are we spending too much, too little, or about the right amount on:
halting the rising crime rate?

- ○ Too much (1)
- ○ Too little (2)
- ○ About the right amount (3)

---

military

Are we spending too much, too little, or about the right amount on:
the military, armaments and defense?

- ○ Too much (1)
- ○ Too little (2)
- ○ About the right amount (3)

SS

Are we spending too much, too little, or about the right amount on:
Social Security?

- ○ Too much (1)
- ○ Too little (2)
- ○ About the right amount (3)

(randomized)

Welf_exp
Are we spending too much, too little, or about the right amount on:
welfare?

- ○ Too much (1)
- ○ Too little (2)
- ○ About the right amount (3)

Poor_con
Are we spending too much, too little, or about the right amount on:
helping the poor?

- ○ Too much (1)
- ○ Too little (2)
- ○ About the right amount (3)

JDM_Asian Disease Prob

(randomized)

ADP_con Imagine that your country is preparing for the outbreak of an unusual disease, which is expected to kill 600 people. Two alternative programs to combat the disease have been proposed.

If Program A is adopted, 200 people will be saved.
If Program B is adopted, there is one-third probability that 600 people will be saved, and two-third probability that no people will be saved.

ADP_exp Imagine that your country is preparing for the outbreak of an unusual disease, which is expected to kill 600 people. Two alternative programs to combat the disease have been proposed.

If Program A is adopted, 400 people will die.

If Program B is adopted, there is one-third probability that nobody will die, and two-third probability that 600 people will die.

ADP_DV Based on the above information, what program would you choose?

- ○ Program A (1)
- ○ Program B (2)

End Qs

Lie We would like to know if at any point in this study you did not answer honestly.
This is just for our understanding. Saying “yes” here will **not affect your payment in any way**.

- ○ Yes - at least once I was not honest (1)
- ○ No - I was always honest (2)
- ○ I don’t remember (3)

---

compensation
We know that different worker platforms compensate workers with different kinds of payments.

What did you earn for completing this study?

- ○ Money in US Dollars (1)
- ○ Amazon dollars (2)
- ○ Credits for the survey website (3)
- ○ Coupons for shopping (4)
- ○ Credits for a game (5)
- ○ Nothing (6)
- ○ Other *(please specify)* (7)

---

fairpay Do you think you are **regularly** given fair compensation for your work on this platform?

- ○ Not at all - 0 (1)
- ○ 1 (2)
- ○ 2 (3)
- ○ Somewhat - 3 (4)
- ○ 4 (5)
- ○ 5 (6)
- ○ Very much - 6 (7)

---

ignor Please ignore this question and do not answer.

- [ ] Strongly disagree (1)
- [ ] Somewhat disagree (2)
- [ ] Neither agree nor disagree (3)
- [ ] Somewhat agree (4)
- [ ] Strongly agree (5)

---

rightbefore What were you just doing right before you accepted this survey?

- [ ] Completing other surveys (1)
- [ ] Working on the computer (4)
- [ ] Doing stuff on my phone (5)
- [ ] Playing a game (6)
- [ ] Shopping (7)
- [ ] Socializing (8)
- [ ] Other *(please specify)* (9)

---

past How many studies that ask about your attitudes and beliefs would you say you've done in the past — that is, in your entire time working on this platform?

[free response]