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Chapter 17: Exploring the Antecedents and Consequences of Interviewer Reading Speed (IRS) at the Question Level. Appendix 17

Allyson L. Holbrook

Timothy P. Johnson

Evgenia Kapousouz

Young Ik Cho

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Chapter 17: Exploring the Antecedents and Consequences of Interviewer Reading Speed (IRS) at
the Question Level

Appendix 17

Allyson L. Holbrook, Timothy P. Johnson, Evgenia Kapousouz, and Young Ik Cho

Full book reference:

Olson, K., J. D. Smyth, J. Dykema, A. L. Holbrook, F. Kreuter, B. T. West. 2020. *Interviewer Effects from a Total Survey Error Perspective*. Boca Raton: CRC Press.

Appendix 17.A: Additional Descriptions of Experimental Design, Response Latency Measurement, and Behavior Coding

Figure A17.A.1: Manipulation of Question Characteristics (Example Questions Shown)

<u>Response Format</u>	<u>Time-Qualified Subjective Judgments</u>	<u>Time Qualified Self-Relevant Knowledge (Behaviors & Characteristics)</u>	<u>Time Qualified Objective Knowledge</u>
Yes/No	Over the past 5 years, do you think corruption such as bribe taking has been widespread amongst politicians in the United States?	Many people say they have less time these days to do volunteer work. What about you? Were you able to devote any time to volunteer work in the past 12 months?	In 2007, did any of Japan's volcanoes have a major eruption?
Categorical	Which of the following problems facing the U.S. has been the most important over the past 12 months? Would you say terrorism, education, or the breakdown of morality in society?	Over the past 12 months, which mode of transportation have you used most frequently? Would you say a privately owned vehicle, public transportation such as a train or bus, walking, or some other mode of transportation?	In 2005, which hurricane struck the Gulf Coast of the U.S.? Would you say Hurricane Elena, Hurricane Mitch, Hurricane Andrew, or Hurricane Katrina?
Unipolar	Over the last four years, do you think that quite a few of the people running the government were crooked, not very many were, or do you think hardly any of them were crooked?	During the past 12 months, how often have you worked with other people to deal with some issue facing your community? Would you say never, occasionally, sometimes, or frequently?	During 2007, how many Atlantic hurricanes hit the continental United States? Would you say none of them, some of them, or all of them?
Bipolar (MP)	During the past 12 months, would you say that the United States' position in the world has grown weaker, stayed about the same, or has it grown stronger?	During the last five years, has your financial situation gotten better, has it stayed the same, or gotten worse?	Would you say that over the last 25 years, the polar ice caps have gotten larger, stayed about the same size, or gotten smaller?
Bipolar(No MP)	Now thinking about the performance of the government in Washington in general, how good or bad a job do you think the government in Washington has done over the past four years? Has it done a very good job, a good job, a bad job, or a very bad job?	Compared to the average person living in the United States, do you think over the past 12 months you have read more books or fewer books?	
Open-ended numerical	Thinking back to March of 2003 when the United States invaded Iraq, at that time for how many years or months did you think U.S. troops would be stationed in Iraq?	Last week, about how many minutes or hours did you spend sending and answering electronic mail or e-mail, not including time spent at work?	In August of 2006, a group of scientists decided that Pluto should not be classified as a planet. Before this decision, how many planets did scientists believe were in our solar system?

Figure A17.A.1 (cont.): Manipulation of Question Characteristics (Example Questions Shown)

	<u>Not Time-Qualified Subjective Judgments</u>	<u>Not Time Qualified Self-Relevant Knowledge (Behaviors & Characteristics)</u>	<u>Not Time Qualified Objective Knowledge</u>
Yes/No	Do you think that the people running the government are crooked?	Do you ever listen to the radio?	Do lasers work by focusing sound waves?
Categorical	Although there are a number of qualities that people feel that children should have, every person thinks that some are more important than others. I am going to read you a list of desirable qualities. Please tell me which one you think is most important for a child to have: independence, ambition, obedience, or good manners?	Generally speaking, do you usually think of yourself as a Republican, a Democrat, an Independent, or something else?	In some countries, voters elect leaders who serve in a parliament. Is a parliamentary government democratic, authoritarian, or autocratic?
Unipolar	On the whole, are you very satisfied, fairly satisfied, not very satisfied, or not at all satisfied with the way democracy works in the United States?	When you hold a strong opinion about politics, how often do you try to persuade your friends, relatives, or fellow workers to share your views? Would you say often, sometimes, rarely, or never?	How much radioactivity is man-made? Would you say all, some, or none?
Bipolar (MP)	Some people believe that the government should pass a law requiring that the Lord's Prayer or Bible verses be read in public schools. What are your views on this? Would you approve, neither approve nor disapprove, or disapprove of such a law?	Next we would like to ask you about the average information you have about political and social issues. Do you think you have less information than you need to make informed decisions about these issues, about the right amount of information, or more information than you need to make informed decisions?	In total land area, is Canada larger than Russia, about the same size as Russia, or smaller than Russia?
Bipolar(No MP)	Would you favor or oppose a law in this state that would allow the use of government funds to help pay for the costs of abortions for women who cannot afford them?	Compared to most people you know, do you think you are more or less outgoing?	
Open-ended numerical	What percentage of people living in the United States do you believe would be willing to pay more taxes to support a federal program to provide universal health care coverage for all people living in the United States?	On the average day, about how many hours do you personally watch television?	Using either the Fahrenheit or Celsius scale, at what temperature does water freeze? Please specify Fahrenheit or Celsius.

Figure A17.A.2: Response Latency Validity Options Provided to Interviewers after Each Question where Response Latencies were Measured

Latency Option	Description
Valid response latency – I did not need to skip back or reread the question	Question was asked and the respondent answered with no difficulties or other issues.
Reread the question before I got to the response screen	Respondent asks the interviewer to reread the question and the interviewer did so before proceeding to the response screen and starting the timer. While the interviewer should <i>always</i> reread the question on the R screen, there were a few instances where this did not happen.
Reread the question on the response screen	Respondent asks the interviewer to reread the question and the interviewer did so after proceeding to the response screen and starting the timer.
Reread the response options only	Respondent asks the interviewer to reread the response options only. As with rereading the entire question, this should only be done on the R screen and not on the Q screen.
A probe or clarification was required	A probe is required as per SRL guidelines, or if a respondent asks for a clarification.
Skipped back to a previous question	Respondent requests to change an answer or asks for a question to be reread after the interviewer has already entered an answer for them. Investigators were not concerned with which question the interviewer was asked to skip back to, only that the response latency for the <i>current</i> item was affected by this request. The response latency for the item skipped back to was not changed.
Respondent answered before I finished reading the question	Respondent does not wait for any of the responses to be read or does not wait for the full list of responses to be read during the question screen. The interviewer should immediately hit ‘Enter’ to move to the R screen and select the respondent’s answer. Regardless of when the interruption occurs, the interviewer should hit ‘Enter’ and move to the R screen. If a respondent interrupts near the end of the question the interviewer may simply be able to enter the respondent’s answer on the R screen. If the respondent interrupted early in the question, the interviewer may need to reread the entire question or at least the response options.
I struck the wrong key or waited too long to start/stop the timer	Interviewer strikes the wrong key or does not hit ‘Enter’ when needed to move through the screens.
Something else went wrong (Other specify)	None of the above options adequately reflect an issue that came up during a question. This is an open ended option and the interviewer should explain briefly what the issue was.

Figure A17.A.3: Interviewer Behavior Codes Used to Identify Question Latency Problems

Question reading problem codes

- (110) **Incomplete reading:** Interviewer does not read the complete question. This includes omitting a portion of the question, or not finishing the question due to interruption. Do not include show card instructions in determining this code.
- (111) **Poor reading of question (Verbatim):** Interviewer does not initially read the question exactly as written. This can include adding, omitting, or changing even one word. Adding a phrase like ‘um’ or ‘uh’ is acceptable. Using a transitional phrase before the start of the question is also acceptable, as is using a contraction (don’t instead of do not) or standard abbreviation (U.S. instead of United States). Do not include show card instructions in determining this code.
- (112) **Poor reading of question (Quality):** Interviewer does not read the question well enough for the respondent to understand, or interviewer reads too fast, mumbles or mispronounces words without correcting self.
- (113) **Interviewer self corrects:** Interviewer begins re-reading question from start, or rereads a portion of the question. (e.g., after clearing throat, after using the wrong word or after mispronouncing.)
- (114) **Other question reading problem:** Please describe.
- (117) **Interviewer adds instruction prior to respondent answer:** Interviewer adds instructions or a preemptive probe after reading the question but prior to the respondent offering a response.
- (118) **Interviewer omits show card instructions:** Interviewer omits reading the show card instructions, specifically ‘Please look at CARD X.’

Other interviewer codes

- (194) **Interviewer laughs:** Interviewer laughs during the exchange associated with the question.
- (197) **Other:** Non-interview related event or interruption. (Please record reason.)
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Appendix 17.B: Measurement of Response and Question Latencies

Measuring Response and Question Latencies

In order to ensure that the response latency time was accurately captured, the instrument was set up with three screens for each item:

1. The first screen was the ‘Q screen’ (question screen). It contained only the question with the response options included. Interviewers did not enter a respondent’s answer on this screen. After they read the question, pressing ‘Enter’ took them to the response screen.
2. The second screen, or the ‘R screen’ (response screen), contained the text of the question in parenthesis and the response options with their values next to them. Interviewers only read the question again if the respondent asked them to repeat the question. Otherwise, when the respondent provided an answer, the interviewer selected the proper response option value and was automatically taken to the third screen. The only valid key strokes were the response option values.
3. The third screen was the ‘L screen’ (response latency screen). This screen was the same for every item in the questionnaire and it contained an option for a Valid Latency, as well as a number of options for issues that might have affected the response latency. This screen was not to be read aloud.

The instrument was programmed so that a timer would begin as soon as the Q screen appeared. When the interviewer hit ‘Enter’ key after reading the question and went to the response screen, the Q timer stopped and the response timer started. This ensured that the time spent reading the

question and answering the question could be assessed separately. The response timer was stopped by the interviewer hitting the ‘Enter’ key again as soon as the respondent began to answer. Immediately after this, the interviewer indicated whether the response latency was valid or invalid (e.g., due to an event like the respondent answering the question before it was completely read). See Figure A17.A2 for a list of the options given to interviewers in judging whether a response latency was valid or not.

We used a series of procedures to identify question latencies that were likely to be problematic. These included the respondent asking the interviewer to reread the question before the interviewer was able to move on to the response screen and the respondent answering the question before the interviewer was finished reading it. We also used interviewer behavior codes to identify question reading problems (see Figure A17.A.3). Interviewer pace was assessed as words per minute by using a count of the number of words interviewers read on the question screen divided by the time spent on the question screen.

Validity of response latencies. Of the 61,765 response latencies that were measured (response latencies were not assessed for some of the follow-up questions for items that used branching), interviewers indicated that 49,313 (79.8%) were valid.¹ In addition, one response latency measure was negative and four were equal to zero. These were dropped from our analysis. Because the response latency data is bounded at zero and right-skewed, we transformed this

¹ This proportion was somewhat lower than that reported by researchers who have used this method in telephone surveys (e.g., Bassili and Fletcher 1991). This may be the result of mode, as respondents in face-to-face interviews may feel more comfortable asking for clarification than respondents in a telephone survey. Our survey also included some questions that were intended to be deliberately bad and these questions likely generated a high rate of invalid response latencies.

variable by taking the square root of it (i.e., new response latencies were equal to the square root of the response latency in seconds). This is recommended for response latency data (see Fazio 1990 for a discussion of response latency transformations).

Interviewers' reports about the validity of the response latencies are shown in Table A17.B.1. The first column shows the frequency of responses to the validity item and the second column shows the percent of measured latencies indicated by each response. The third column shows the average response latency in seconds for responses given each validity code. These data suggest that the latencies of questions with a number of these problems (e.g., interviewer rereading the question on the response screen, probe or clarification required) are substantially different from those where a valid response latency was indicated – providing some evidence that these interviewer reports do help to identify invalid response latencies.

Validity of question latencies/reading speed. In addition to problems with measuring response latencies assessed via interviewer reports, problems with assessing IRS were also assessed using behavior coding of interviewer behaviors likely to lead to invalid question latency measures. Unlike the response latency measures, these were not mutually exclusive. Coders could code up to three interviewer behaviors per question, so it is possible that an interviewer exhibited more than one of these behaviors. As a result, the proportions of these observations do not add up to 100% in Table A17.B.2.

Even among the 39,820 question responses where there were no problems indicated, there were speeds that seemed to fall outside of reasonable boundaries (i.e., the range of words per minute

among these 30,820 responses ranged from 3 words per minute to more than 30,000 – both seem unrealistic), so we also eliminated questions with reading speeds outside reasonable ranges. The average speech rate of American English speakers varies somewhat depending upon context (e.g., public speaking versus conversational speech; see Ray & Zahn, 1990 for a review). For the purposes of this analysis, we eliminated any question where the reading speed was less than 60 words per minute (a very slow reading speed) or greater than 300 words per minute (a fast pace, but not out of range of what has been observed). This eliminated an additional 4% of cases from the analysis (see the bottom panel of Table A17.B.2).

Table A17.B.1: Validity of Response Latency Measurement

Interviewer Report about Response Latency	Number	% of Measured Response Latencies	Avg. Latency (in seconds)
Valid response latency	49,313	79.8%	4.6
Reread question before response screen	200	0.3%	9.2
Reread question on response screen	1,959	3.2%	20.4
Reread response options only	834	1.4%	16.8
Probe or clarification required	7,167	11.6%	18.8
Skipped back to a previous question	140	0.2%	8.7
Respondent answered before question was completely read	1,516	2.5%	2.2
I struck the wrong key	487	0.8%	8.1
Something else went wrong	149	0.2%	16.7
Total response latencies measured	61,765	100.0%	
Response latencies not measured	7,690		
Total number of questions answered	69,455		

Table A17.B.2: Validity of Question Latency Measurement

Interviewer Behavior Code	Number	% of Measured Question Latencies	Avg. Words per Minute
No problems indicated	39,820	64.5%	173.4
Interviewer did not read question completely	1,821	2.9%	181.9
Interviewer did not read question verbatim	12,381	20.0%	164.2
Poor quality of reading (inaudible, too fast)	99	0.2%	202.1
Interviewer self-corrects	10,836	17.5%	153.6
Other question reading problem	4	0.0001%	118.8
Interviewer adds instructions or probe before respondent answers	222	0.4%	157.5
Interviewer omits show card instructions	62	0.1%	170.3
Interviewer laughs during exchange	2,304	3.7%	168.8
Other non-interviewer associated interruption	27	0.0004%	159.3
Recording could not be heard	1	0.00001%	537.6
Total question latencies measured	61,765		
Questions with no problems indicated		% of Questions Where no Problems are Indicated	
Words/Minute>300	411	1.0%	1723.3
Words/Minute<=300 & Words/Minute>=60	38,115	97.0%	175.6
Words/Minute<60	1294	3.2%	40.8
Question latencies not measured	7,690		
Total number of questions answered	69,455		

References

- Bassili, J. N., and J. F. Fletcher. 1991. Response-time measurement in survey research: a method for CATI and a new look at nonattitudes. *Public opinion quarterly* 55:331-346.
- Ray, G. B., and C. J. Zahn. 1990. Regional speech rates in the United States: A preliminary analysis. *Communication research reports* 7:34-37.

Appendix 17.C: Questions in CAPI Survey for which Response Latencies were Measured

Note: R variables shown below refer to variables used to randomly assign respondents to question wording condition. Different variables (e.g., R1, R2, R3) were used for randomization for different sets of experiments (e.g., response option order, type of scale, etc.) so that these experiments were not confounded with one another.

Module I

- Q8:** R3=1: Which of the following problems facing the U.S. has been the most important over the past 12 months? Would you say terrorism, education, or the breakdown of morality in society?
 R3=2: Which of the following problems facing the U.S. has been the most important over the past 12 months? Would you say education, the breakdown of morality in society, or terrorism?
 R3=3: Which of the following problems facing the U.S. has been the most important over the past 12 months? Would you say the breakdown of morality in society, terrorism, or education?
- Q123:** Which of the following should the government do in the next year? Would you say revise the federal tax system, create a universal health care system, or improve educational testing scores among U.S. students?
- Q137:** R10=1: Do you feel things in this country are generally going in the right direction, do you feel things have pretty seriously gotten off on the wrong track, or haven't you thought much about this?
 R10=2: Do you feel things in this country are generally going in the right direction, or do you feel things have pretty seriously gotten off on the wrong track?
- Q128:** R9=1: Do you agree or disagree with the following statement? "This country would be better off if we just stayed home and did not concern ourselves with problems in other parts of the world."
 R9=2: Do you agree or disagree with the following statement? "This country would be better off if we concerned ourselves with problems in other parts of the world and did not just stay home."
- Q27:** R7=1: Now thinking about the performance of the government in Washington in general, how good or bad a job do you think the government in Washington has done over the past four years? Has it done a very good job, a good job, a bad job, or a very bad job?
 R7=2: Now thinking about the performance of the government in Washington in general, how good or bad a job do you think the government in Washington has done over the past four years? Has it done a good job, neither a good nor bad job, or a bad job?
 R7=3: Now thinking about the performance of the government in Washington in general, how good or bad a job do you think the government in Washington has done over the past four years? Has it done a good job or a bad job?
 R7=4: Now thinking about the performance of the government in Washington in general, how good or bad a job do you think the government in Washington has done over the past four years? Has it done a very good job, a good job, neither a good nor bad job, a bad job, or a very bad job?
- Q42:** R8=1: Please look at CARD B5. Some people think that the government in Washington is trying to do too many things that should be left to individuals and private businesses. Others disagree and think that the government should do even more to solve our country's problems. Still others have opinions somewhere in between. Where would you place yourself on this scale, or haven't you made up your mind on this?
 R8=2: Please look at CARD A5. Some people think that over the last eight years, the government in Washington has been trying to do too many things that should be left to individuals and private businesses. Others disagree and think that over the last eight years, the government should have done even more to solve our country's problems. Still others have opinions somewhere in between. Where would you place yourself on this scale, or haven't you made up your mind on this?
- Q20:** R6=1: Do you think there are any important differences in what the Republicans and Democrats have stood for over the last four years?

- R6=2: Do you think there are any important differences in what the Republicans and Democrats stand for?
- R6=3: How many important differences do you think there are in what Republicans and Democrats have stood for over the last four years? Would you say none, hardly any, not very many, some, or quite a few?
- R6=4: How many important differences do you think there are in what Republicans and Democrats stand for? Would you say none, hardly any, not very many, some, or quite a few?
- Q24:** R6=1: On the whole, are you very satisfied, fairly satisfied, not very satisfied, or not at all satisfied with the way democracy works in the United States?
- R6=2: On the whole, have you been satisfied with the way democracy has worked in the United States over the last 10 years?
- R6=3: On the whole, are you satisfied with the way democracy works in the United States?
- R6=4: On the whole, have you been very satisfied, fairly satisfied, not very satisfied, or not at all satisfied with the way democracy has worked in the United States over the last 10 years?
- Q134:** R9=1: Do you agree or disagree with the following statement? "Most men are better suited emotionally for politics than are most women."
- R9=2: Do you agree or disagree with the following statement? "Most women are better suited emotionally for politics than are most men."
- Q29:** R7=1: Would you say that compared to the year 2000, the nation's moral climate has gotten better or gotten worse?
- R7=2: Would you say that compared to the year 2000, the nation's moral climate has gotten much better, gotten somewhat better, stayed about the same, gotten somewhat worse, or gotten much worse?
- R7=3: Would you say that compared to the year 2000, the nation's moral climate has gotten much better, gotten somewhat better, gotten somewhat worse, or gotten much worse?
- R7=4: Would you say that compared to the year 2000, the nation's moral climate has gotten better, stayed the same, or gotten worse?
- Q30:** We hear a lot of talk these days about liberals and conservatives. When it comes to politics, do you usually think of yourself as extremely liberal, liberal, slightly liberal, moderate or middle of the road, slightly conservative, conservative, extremely conservative, or haven't you thought much about this?
- Q10:** R3=1: Generally speaking, do you usually think of yourself as a Republican, a Democrat, an Independent, or something else?
- R3=2: Generally speaking, do you usually think of yourself as a Democrat, an Independent, a Republican, or something else?
- R3=3: Generally speaking, do you usually think of yourself as an Independent, a Republican, a Democrat, or something else?
- Q13:** R6=1: Some people don't pay much attention to political campaigns. How about you? Would you say that you have been very much interested, somewhat interested, or not much interested in the political campaigns so far this year?
- R6=2: Some people don't pay much attention to political campaigns. How about you? Would you say that you are very much interested, somewhat interested, or not much interested in political campaigns?
- R6=3: Some people don't pay much attention to political campaigns. How about you? Would you say that you have been interested in the political campaigns so far this year?
- R6=4: Some people don't pay much attention to political campaigns. How about you? Would you say that you are interested in political campaigns?
- Q76:** R7=1: Next we would like to ask you about the average information you have about political and social issues. Do you think you have less information than you need to make informed decisions about these issues, about the right amount of information, or more information than you need to make informed decisions?

R7=2: Next we would like to ask you about the average information you have about political and social issues. Do you think you have less information than you need to make informed decisions about these issues, or more information than you need to make informed decisions?

R7=3: Next we would like to ask you about the average information you have about political and social issues. Do you think you have much less information than you need to make informed decisions about these issues, somewhat less information, about the right amount of information, somewhat more information, or much more information than you need to make informed decisions?

R7=4: Next we would like to ask you about the average information you have about political and social issues. Do you think you have much less information than you need to make informed decisions about these issues, somewhat less information, somewhat more information, or much more information than you need to make informed decisions?

Q126: How intelligent and energetic is George W. Bush? Would you say not at all, a little bit, somewhat, quite a bit, or a great deal?

Q23: R6=1: People have different ideas about the government in Washington. These ideas don't refer to Democrats or Republicans in particular, but just to the government in general. We want to see how you feel about these ideas. For example, how much of the time do you think you can trust the government in Washington to do what is right? Would you say just about always, most of the time, or only some of the time?

R6=2: People have different ideas about the government in Washington. These ideas don't refer to Democrats or Republicans in particular, but just to the government in general. We want to see how you feel about these ideas with regards to the government in Washington over the last four years. For example, over the last four years do you think you have been able to trust the government in Washington to do what is right?

R6=3: People have different ideas about the government in Washington. These ideas don't refer to Democrats or Republicans in particular, but just to the government in general. We want to see how you feel about these ideas. For example, do you think you can trust the government in Washington to do what is right?

R6=4: People have different ideas about the government in Washington. These ideas don't refer to Democrats or Republicans in particular, but just to the government in general. We want to see how you feel about these ideas with regards to the government in Washington over the last four years. For example, over the last four years how much of the time do you think you have been able to trust the government in Washington to do what is right? Would you say just about always, most of the time, or only some of the time?

Q16: R6=1: Do you think that the people running the government are crooked?

R6=2: Over the last four years, do you think that quite a few of the people running the government were crooked, not very many were, or do you think hardly any of them were crooked?

R6=3: Do you think that quite a few of the people running the government are crooked, not very many are, or do you think hardly any of them are crooked?

R6=4: Over the last four years, do you think that the people running the government were crooked?

Q18: R6=1: Do you think corruption such as bribe taking is widespread amongst politicians in the United States?

R6=2: Over the past 5 years, how widespread do you think corruption such as bribe taking has been amongst politicians in the United States? Would you say very widespread, quite widespread, not very widespread, or it has hardly happened at all?

R6=3: How widespread do you think corruption such as bribe taking is amongst politicians in the United States? Would you say very widespread, quite widespread, not very widespread, or it hardly happens at all?

- R6=4: Over the past 5 years, do you think corruption such as bribe taking has been widespread amongst politicians in the United States?
- Q32:** R7=1: Some people believe that the government should pass a law requiring that the Lord's Prayer or Bible verses be read in public schools. What are your views on this? Would you strongly approve, somewhat approve, somewhat disapprove, or strongly disapprove of such a law?
R7=2: Some people believe that the government should pass a law requiring that the Lord's Prayer or Bible verses be read in public schools. What are your views on this? Would you approve, neither approve nor disapprove, or disapprove of such a law?
R7=3: Some people believe that the government should pass a law requiring that the Lord's Prayer or Bible verses be read in public schools. What are your views on this? Would you approve or disapprove of such a law?
R7=4: Some people believe that the government should pass a law requiring that the Lord's Prayer or Bible verses be read in public schools. What are your views on this? Would you strongly approve, somewhat approve, neither approve nor disapprove, somewhat disapprove, or strongly disapprove of such a law?
- Q179:** Do you favor or oppose the use of the death penalty in general?
- Q180:** Do you favor or oppose the use of the death penalty for persons convicted of molesting a child under the age of 10?
- Q140:** R10=1: Would you favor or oppose a law in this state that would allow the use of government funds to help pay for the costs of abortions for women who cannot afford them?
R10=2: Do you have an opinion about using government funds to help pay for abortions?
[IF SAY HAVE OPINION] Would you favor or oppose a law in your state that would allow the use of government funds to help pay for the costs of abortion for women who cannot afford them?
- Q118:** Do you support or oppose a law to ban the import of fotams (fo-tams) into the U.S.?
- Q132:** R9=1: Do you agree or disagree with the following statement? "This country would be better off if we worried less about how equal people are."
R9=2: Do you agree or disagree with the following statement? "This country would be better off if we worried more about how equal people are."
- Q31:** R7=1: Would you strongly favor, somewhat favor, neither favor nor oppose, somewhat oppose, or strongly oppose a law which would require a person to obtain a police permit before he or she could buy a gun?
R7=2: Would you strongly favor, somewhat favor, somewhat oppose, or strongly oppose a law which would require a person to obtain a police permit before he or she could buy a gun?
R7=3: Would you favor, neither favor nor oppose, or oppose a law which would require a person to obtain a police permit before he or she could buy a gun?
R7=4: Would you favor or oppose a law, which would require a person to obtain a police permit before he or she could buy a gun?
- Q130:** R9=1: Do you agree or disagree with the following statement? "Women who complain about harassment cause more problems than they solve."
R9=2: Do you agree or disagree with the following statement? "Women who complain about harassment are helping to solve the problem."
- Q145:** Please look at CARD C1. I'd like to get your feelings toward some groups. I'll read the name of a group and I'd like you to rate that group using something we call the feeling thermometer. Ratings between 50 degrees and 100 degrees mean that you feel favorable and warm toward the group. Ratings between 0 degrees and 50 degrees mean that you don't feel favorable toward the group and that you don't care too much for that group. You would rate the group at the 50 degree mark if you don't feel particularly warm or cold toward the group. If we come to a group you don't

recognize, you don't need to rate that group. Just tell me and we'll move on to the next one. How would you rate Jews?

Q147: How would you rate middle class people?

Q148: How would you rate labor unions?

Q149: How would you rate poor people?

Q150: How would you rate the military?

Q151: How would you rate big business?

Q152: How would you rate people on welfare?

Q154: How would you rate working class people?

Q155: How would you rate older people (the elderly)?

Q156: How would you rate environmentalists?

Q157: How would you rate gay men and lesbians?

Q158: How would you rate southerners?

Q160: How would you rate young people?

Q161: How would you rate rich people?

Q26: R7=1: During the past 12 months, would you say that the United States' position in the world has grown much weaker, grown somewhat weaker, stayed about the same, grown somewhat stronger, or has it grown much stronger?

R7=2: During the past 12 months, would you say that the United States' position in the world has grown much weaker, grown somewhat weaker, grown somewhat stronger, or has it grown much stronger?

R7=3: During the past 12 months, would you say that the United States' position in the world has grown weaker, stayed about the same, or has it grown stronger?

R7=4: During the past 12 months, would you say that the United States' position in the world has grown weaker or has it grown stronger?

Q40: R8=1: Please look at CARD A3. Some people believe the United States should have solved the international problems it has faced during the last eight years by using diplomacy and other forms of international pressure instead of military force unless absolutely necessary. Suppose we put such people at "1" on this scale. Others believe diplomacy and pressure have failed and the U.S. should have been ready to use greater force to solve international problems over the last eight years. Suppose we put them at number 7. And of course others fall in positions in-between, at points 2, 3, 4, 5, and 6. Where would you place yourself on this scale, or haven't you thought much about this?

R8=2: Please look at CARD B3. Some people believe the United States should solve international problems by using diplomacy and other forms of international pressure and use military force only if absolutely necessary. Suppose we put such people at "1" on this scale. Others believe diplomacy and pressure often fail and the US must be ready to use military force. Suppose we put them at number 7. And of course others fall in positions in-between, at points 2, 3, 4, 5, and 6. Where would you place yourself on this scale, or haven't you thought much about this?

Q141: R10=1: After the September 11 terrorist attacks, President Bush declared a war on terrorism. A first step was to launch air strikes against the Taliban government of Afghanistan that was providing aid and protection to Osama bin Laden and the Al-Qaeda terrorists responsible for the September 11 attacks. Taking everything into account, do you think the U.S. war against the Taliban government in Afghanistan was worth the cost or not worth the cost?

R10=2: After the September 11 terrorist attacks, President Bush declared a war on terrorism. A first step was to launch air strikes against the Taliban government of Afghanistan that was providing aid and protection to Osama bin Laden and the Al-Qaeda terrorists responsible for the September 11 attacks. Taking everything into account, do you think the U.S. war against the Taliban government in Afghanistan was worth the cost, or not, or haven't you thought much about this?

Q2: Thinking back to March of 2003 when the United States invaded Iraq, at that time for how many

- years or months did you think U.S. troops would be stationed in Iraq?
- Q60:** R6=1: During the past 12 months, how often have you worked with other people to deal with some issue facing your community? Would you say never, occasionally, sometimes, or frequently?
 R6=2: Do you work with other people to deal with some issue facing your community?
 R6=3: During the past 12 months, have you worked with other people to deal with some issue facing your community?
 R6=4: How often do you work with other people to deal with some issue facing your community? Would you say never, occasionally, sometimes, or frequently?
- Q63:** R6=1: How often do you telephone, write a letter or email to, or visit a government official to express your views on a public issue? Would you say never, occasionally, sometimes, or frequently?
 R6=2: During the past 12 months, how often have you telephoned, written a letter or email to, or visited a government official to express your views on a public issue? Would you say never, occasionally, sometimes, or frequently?
 R6=3: Have you ever telephoned, written a letter or email to, or visited a government official to express your views on a public issue?
 R6=4: During the past 12 months, have you telephoned, written a letter or email to, or visited a government official to express your views on a public issue?
- Q66:** R6=1: During the past 12 months, did you attend a meeting about an issue facing your community or schools?
 R6=2: How often do you attend meetings about an issue facing your community or schools? Would you say never, occasionally, sometimes, or frequently?
 R6=3: During the past 12 months, how often have you attended a meeting about an issue facing your community or schools? Would you say never, occasionally, sometimes, or frequently?
 R6=4: Have you attended a meeting about an issue facing your community or schools?
- Q67:** R6=1: Aside from a strike against your employer, have you taken part in a protest, march, or demonstration on some national or local issue?
 R6=2: Aside from a strike against your employer, in the past 12 months, have you taken part in a protest, march, or demonstration on some national or local issue?
 R6=3: Aside from a strike against your employer, how often have you taken part in a protest, march, or demonstration on some national or local issue? Would you say never, occasionally, sometimes, or frequently?
 R6=4: Aside from a strike against your employer, in the past 12 months, how often have you taken part in a protest, march, or demonstration on some national or local issue? Would you say never, occasionally, sometimes, or frequently?
- Q68:** R6=1: Many people say they have less time these days to do volunteer work. What about you? Are you able to devote any time to volunteer work?
 R6=2: Many people say they have less time these days to do volunteer work. What about you? Were you able to devote any time to volunteer work in the past 12 months?
 R6=3: Many people say they have less time these days to do volunteer work. What about you? How much time are you able to devote to volunteer work? Would you say none, a little bit, some, quite a bit, or a great deal?
 R6=4: Many people say they have less time these days to do volunteer work. What about you? How much time were you able to devote to volunteer work in the past 12 months? Would you say none, a little bit, some, quite a bit, or a great deal?
- Q69:** R6=1: When you have held a strong opinion about politics, have you tried to persuade your friends, relatives, or fellow workers to share your views?
 R6=2: Over the last six months, when you have held a strong opinion about politics, have you tried to persuade your friends, relatives, or fellow workers to share your views?

R6=3: When you hold a strong opinion about politics, how often do you try to persuade your friends, relatives, or fellow workers to share your views? Would you say often, sometimes, rarely, or never?

R6=4: Over the last six months, when you have held a strong opinion about politics, how often have you tried to persuade your friends, relatives, or fellow workers to share your views? Would you say often, sometimes, rarely, or never?

Module II

Q122: How often do you eat a hot breakfast? Would you say every day, once a week, or never?

Q125: How many times in the past five years have you eaten out at a restaurant?

Q51: R3=1: Over the past 12 months, which mode of transportation have you used most frequently? Would you say a privately owned vehicle, public transportation such as a train or bus, walking, or some other mode of transportation?

R3=2: Over the past 12 months, which mode of transportation have you used most frequently? Would you say public transportation such as a train or bus, walking, a privately owned vehicle, or some other mode of transportation?

R3=3: Over the past 12 months, which mode of transportation have you used most frequently? Would you say walking, a privately owned vehicle, public transportation such as a train or bus, or some other mode of transportation?

Q119: How many times in the past 12 months have you walked to work? Would you say much more frequently, somewhat more frequently, about the same amount, somewhat less frequently, or much less frequently?

Q64: R6=1: In the past 30 days, have you cut back on driving a car for environmental reasons?

R6=2: How often do you cut back on driving a car for environmental reasons? Would you say always, often, sometimes, or never?

R6=3: In the past 30 days, how often have you cut back on driving a car for environmental reasons? Would you say always, often, sometimes, or never?

R6=4: Do you cut back on driving a car for environmental reasons?

Q58: R6=1: In the past 30 days, how often have you made a special effort to sort glass or cans or plastic or papers and so on for recycling? Would you say always, often, sometimes, or never?

R6=2: Do you make a special effort to sort glass or cans or plastic or papers and so on for recycling?

R6=3: In the past 30 days, have you made a special effort to sort glass or cans or plastic or papers and so on for recycling?

R6=4: How often do you make a special effort to sort glass or cans or plastic or papers and so on for recycling? Would you say always, often, sometimes, or never?

Q61: R6=1: How often do you refuse to eat meat for moral or environmental reasons? Would you say always, often, sometimes, or never?

R6=2: In the past 30 days, how often have you refused to eat meat for moral or environmental reasons? Would you say always, often, sometimes, or never?

R6=3: Do you refuse to eat meat for moral or environmental reasons?

R6=4: In the past 30 days, have you refused to eat meat for moral or environmental reasons?

Q48: How many biological children have you ever had? Please count all that were born alive at any time.

Q129: R9=1: Do you agree or disagree with the following statement? "This country would have many fewer problems if there were less emphasis on traditional family ties."

R9=2: Do you agree or disagree with the following statement? "This country would have many fewer problems if there were more emphasis on traditional family ties."

Q11: R4=1: Although there are a number of qualities that people feel that children should have, every

person thinks that some are more important than others. I am going to read you a list of desirable qualities. Please tell me which one you think is most important for a child to have: independence, ambition, obedience, or good manners?

R4=2: Although there are a number of qualities that people feel that children should have, every person thinks that some are more important than others. I am going to read you a list of desirable qualities. Please tell me which one you think is most important for a child to have: ambition, obedience, good manners, or independence?

R4=3: Although there are a number of qualities that people feel that children should have, every person thinks that some are more important than others. I am going to read you a list of desirable qualities. Please tell me which one you think is most important for a child to have: obedience, good manners, independence, or ambition?

R4=4: Although there are a number of qualities that people feel that children should have, every person thinks that some are more important than others. I am going to read you a list of desirable qualities. Please tell me which one you think is most important for a child to have: good manners, independence, ambition, or obedience?

- Q12:** R4=1: Considering the following list of qualities, which do you think is most important for children to have: respect for elders, friendliness, self-reliance, or being achievement-oriented?
 R4=2: Considering the following list of qualities, which do you think is most important for children to have: friendliness, self-reliance, being achievement-oriented, or respect for elders?
 R4=3: Considering the following list of qualities, which do you think is most important for children to have: self-reliance, being achievement-oriented, respect for elders, or friendliness?
 R4=4: Considering the following list of qualities, which do you think is most important for children to have: being achievement-oriented, respect for elders, friendliness, or self-reliance?
- Q1:** What do you think was the ideal number of children for a family living in the U.S. to have in the 1950s?
- Q133:** R9=1: Do you agree or disagree with the following statement? "Someone who uses spanking to discipline a child is wrong."
 R9=2: Do you agree or disagree with the following statement? "It is sometimes necessary to discipline a child with a good, hard spanking."
- Q181:** Now I'm going to read a feeling that people sometimes have. I would like you to tell me on how many days you have felt this way during the past 7 days. How many times in the past 7 days have you felt angry at anyone?
- Q182:** Now I'm going to read a feeling that people sometimes have. I would like you to tell me on how many days you have felt this way during the past 7 days. How many times in the past 7 days have you felt angry at a member of your family?
- Q55:** R3=1: What is your religious preference? Is it Protestant, Catholic, Jewish, some other religion, or no religion?
 R3=2: What is your religious preference? Is it Catholic, Jewish, Protestant, some other religion, or no religion?
 R3=3: What is your religious preference? Is it Jewish, Protestant, Catholic, some other religion, or no religion?
- Q65:** R6=1: In the past 12 months, have you gone to religious services?
 R6=2: Do you go to religious services every week, almost every week, once or twice a month, a few times a year, or never?
 R6=3: In the past 12 months, have you gone to religious services every week, almost every week, once or twice a month, a few times, or never?
 R6=4: Do you go to religious services?
- Q117:** In the past 10 years, how frequently have you visited a serrerium? Would you say never, occasionally, sometimes, or frequently?
- Q77:** R7=1: Compared to most people you know, do you think you are more or less outgoing?

- R7=2: Compared to most people you know, do you think you are much more outgoing, somewhat more outgoing, about as outgoing, somewhat less outgoing, or much less outgoing?
- R7=3: Compared to most people you know, do you think you are much more outgoing, somewhat more outgoing, somewhat less outgoing, or much less outgoing?
- R7=4: Compared to most people you know, do you think you are more outgoing, about as outgoing, or less outgoing?
- Q75:** R7=1: Compared with Americans in general, would you say that your intelligence is far below average, somewhat below average, somewhat above average, or far above average?
- R7=2: Compared with Americans in general, would you say that your intelligence is below average, average, or above average?
- R7=3: Compared with Americans in general, would you say that your intelligence is below average or above average?
- R7=4: Compared with Americans in general, would you say that your intelligence is far below average, somewhat below average, average, somewhat above average, or far above average?
- Q71:** R7=1: Over the past 12 months, how has your satisfaction with your life changed? Have you become much more satisfied, somewhat more satisfied, somewhat less satisfied, or much less satisfied?
- R7=2: Over the past 12 months, how has your satisfaction with your life changed? Have you become more satisfied, less satisfied, or has your satisfaction not changed?
- R7=3: Over the past 12 months, how has your satisfaction with your life changed? Have you become more satisfied or less satisfied?
- R7=4: Over the past 12 months, how has your satisfaction with your life changed? Have you become much more satisfied, somewhat more satisfied, has your satisfaction stayed the same, have you become somewhat less satisfied, or much less satisfied?
- Q49:** How long have you lived in your present community?
- Q54:** R2=1: Do you or does your family own your own home, pay rent, or what?
- R2=2: Do you or does your family pay rent, own your own home, or what?
- Q57:** R5=1: Are you married now and living with your husband or wife, widowed, divorced, separated, or have you never married?
- R5=2: Are you widowed, divorced, separated, have you never been married, or are you married now and living with your husband or wife?
- R5=3: Are you divorced, separated, have you never been married, are you married now and living with your husband or wife, or are you widowed?
- R5=4: Are you separated, have you never been married, are you married now and living with your husband or wife, or are you widowed, or divorced?
- R5=5: Have you never been married, are you married now and living with your husband or wife, or are you widowed, divorced, or separated?
- Q46:** Now I'd like to ask you about last year. In 2009, how many weeks did you work either full-time or part-time, not counting work around the house? Please include paid vacations and sick leave.
- Q53:** R5=1: Last week, were you working full-time, working part-time, unemployed, going to school, retired, or what?
- R5=2: Last week, were you working part-time, unemployed, going to school, retired, working full-time, or what?
- R5=3: Last week, were you unemployed, going to school, retired, working full-time, working part-time, or what?
- R5=4: Last week, were you going to school, retired, working full-time, working part-time, unemployed, or what?
- R5=5: Last week, were you retired, working full-time, working part-time, unemployed, going to school, or what?

Q177: How satisfied are you with your present financial circumstances? Would you say that you are pretty well satisfied, more or less satisfied, or not satisfied at all with your present financial situation?

Q178: How satisfied are you with your life in general? Would you say that you are pretty well satisfied, more or less satisfied, or not satisfied at all with your life in general?

Module III

Q9: R3=1: Which of the following economic problems facing the U.S. has been the most important over the past 12 months: inflation, unemployment, or taxes?

R3=2: Which of the following economic problems facing the U.S. has been the most important over the past 12 months: unemployment, taxes, or inflation?

R3=3: Which of the following economic problems facing the U.S. has been the most important over the past 12 months: taxes, inflation, or unemployment?

Q7: R2=1: Which party do you think has done a better job of representing your point of view about the economy over the last four years? Would you say the Democrats or the Republicans?

R2=2: Which party do you think has done a better job of representing your point of view about the economy over the last four years? Would you say the Republicans or the Democrats?

Q28: R7=1: Now thinking about the economy in the country as a whole, would you say that over the past 12 months the nation's economy has gotten better, stayed about the same, or gotten worse?

R7=2: Now thinking about the economy in the country as a whole, would you say that over the past 12 months the nation's economy has gotten better, or gotten worse?

R7=3: Now thinking about the economy in the country as a whole, would you say that over the past 12 months the nation's economy has gotten much better, gotten somewhat better, stayed about the same, gotten somewhat worse, or gotten much worse?

R7=4: Now thinking about the economy in the country as a whole, would you say that over the past 12 months the nation's economy has gotten much better, gotten somewhat better, gotten somewhat worse, or gotten much worse?

Q138: R10=1: Would you say that over the past 12 months, the level of unemployment in the country has gotten better, stayed about the same, gotten worse, or are you not sure?

R10=2: Would you say that over the past 12 months, the level of unemployment in the country has gotten better, stayed about the same, or gotten worse?

Q142: R10=1: How about people out of work during the coming 12 months: do you think that there will be more unemployment than now, about the same, or less?

R10=2: How about people out of work during the coming 12 months: do you think that there will be more unemployment than now, about the same, less, or are you not sure?

Q34: R7=1: Do you consider the amount of federal income tax which you have to pay as too high or too low?

R7=2: Do you consider the amount of federal income tax which you have to pay as much too high, somewhat too high, about right, somewhat too low, or much too low?

R7=3: Do you consider the amount of federal income tax which you have to pay as much too high, somewhat too high, somewhat too low, or much too low?

R7=4: Do you consider the amount of federal income tax which you have to pay as too high, about right, or too low?

Q19: R6=1: Over the last four years, do you think that people in government wasted the money we pay in taxes?

R6=2: Do you think that people in government waste the money we pay in taxes?

R6=3: Over the last four years, do you think that people in government wasted a lot of the money we pay in taxes, wasted some of it, or didn't waste very much of it?

R6=4: Do you think that people in government waste a lot of money we pay in taxes, waste some of it, or don't waste very much of it?

- Q22:** R6=1: Each year the government in Washington has to make decisions about taxes, spending, and the deficit. We'd like to know your opinions about what the government should do about the budget. Would you have favored cuts in spending on domestic programs like Medicare, education and highways over the past 12 months in order to cut the taxes paid by ordinary Americans?
 R6=2: Each year the government in Washington has to make decisions about taxes, spending, and the deficit. We'd like to know your opinions about what the government should do about the budget. Do you favor cuts in spending on domestic programs like Medicare, education and highways in order to cut the taxes paid by ordinary Americans?
 R6=3: Each year the government in Washington has to make decisions about taxes, spending, and the deficit. We'd like to know your opinions about what the government should do about the budget. How much of a cut in spending on domestic programs like Medicare, education and highways over the past 12 months would have been acceptable in order to cut the taxes paid by ordinary Americans? Would you say none, a little bit, some, quite a bit, or a great deal?
 R6=4: Each year the government in Washington has to make decisions about taxes, spending, and the deficit. We'd like to know your opinions about what the government should do about the budget. How much of a cut in spending on domestic programs like Medicare, education and highways do you favor in order to cut the taxes paid by ordinary Americans? Would you say none, a little bit, some, quite a bit, or a great deal?
- Q15:** R6=1: How much of an increase in the federal budget deficit over the past 12 months would have been acceptable in order to increase spending on domestic programs like Medicare, education, and highways? Would you say none, a little bit, some, quite a bit, or a great deal?
 R6=2: How much of an increase in the federal budget deficit would you favor in order to increase spending on domestic programs like Medicare, education, and highways? Would you say none, a little bit, some, quite a bit, or a great deal?
 R6=3: Would you have favored an increase in the federal budget deficit over the past 12 months in order to increase spending on domestic programs like Medicare, education, and highways?
 R6=4: Do you favor an increase in the federal budget deficit in order to increase spending on domestic programs like Medicare, education, and highways?
- Q25:** R6=1: How much of an increase in the federal budget deficit would you favor in order to cut the taxes paid by ordinary Americans? Would you say none, a little bit, some, quite a bit, or a great deal?
 R6=2: Would you have favored an increase in the federal budget deficit over the past 12 months in order to cut the taxes paid by ordinary Americans?
 R6=3: Do you favor an increase in the federal budget deficit in order to cut the taxes paid by ordinary Americans?
 R6=4: How much of an increase in the federal budget deficit over the past 12 months would have been acceptable in order to cut the taxes paid by ordinary Americans? Would you say none, a little bit, some, quite a bit, or a great deal?
- Q17:** R6=1: Here is another question about what the government should do about the budget. Do you favor increases in taxes paid by ordinary Americans in order to cut the federal budget deficit?
 R6=2: Here is another question about what the government should do about the budget. How much of an increase in taxes paid by ordinary Americans over the past 12 months would you have favored in order to cut the federal budget deficit? Would you say none, a little bit, some, quite a bit, or a great deal?
 R6=3: Here is another question about what the government should do about the budget. How much of an increase in taxes paid by ordinary Americans do you favor in order to cut the federal budget deficit? Would you say none, a little bit, some, quite a bit, or a great deal?
 R6=4: Here is another question about what the government should do about the budget. Would you have favored increases in taxes paid by ordinary Americans over the past 12 months in order to cut the federal budget deficit?

- Q33:** R7=1: Should federal spending on dealing with crime be increased, decreased, or kept about the same?
 R7=2: Should federal spending on dealing with crime be increased or decreased?
 R7=3: Should federal spending on dealing with crime be increased a lot, increased a little, kept about the same, decreased a little, or decreased a lot?
 R7=4: Should federal spending on dealing with crime be increased a lot, increased a little, decreased a little, or decreased a lot?
- Q5:** What percentage of people living in the United States do you believe would be willing to pay more taxes to support a federal program to provide universal health care coverage for all people living in the United States?
- Q41:** R8=1: Please look at CARD B4. Some people think the government should provide fewer services even in areas such as health and education in order to reduce spending. Suppose these people are at one end of a scale, at point 1. Other people feel it is important for the government to provide many more services even if it means an increase in spending. Suppose these people are at the other end, at point 7. And, of course, some other people have opinions somewhere in between, at points 2, 3, 4, 5 or 6. Where would you place yourself on this scale, or haven't you thought much about this?
 R8=2: Please look at CARD A4. Some people think the government should have provided fewer services over the last 8 years even in areas such as health and education in order to reduce spending. Suppose these people are at one end of a scale, at point 1. Other people feel it was important for the government to provide many more services over the last 8 years even if it means an increase in spending. Suppose these people are at the other end, at point 7. And, of course, some other people have opinions somewhere in between, at points 2, 3, 4, 5, or 6. Where would you place yourself on this scale, or haven't you thought much about this?
- Q39:** R8=1: Please look at CARD A2. Some people believe that we should spend much less money for defense than we have over the last eight years. Suppose these people are at one end of a scale, at point 1. Others feel that defense spending should be greatly increased from what it has been over the last eight years. Suppose these people are at the other end, at point 7. And, of course, some other people have opinions somewhere in between, at points 2, 3, 4, 5 or 6. Where would you place yourself on this scale, or haven't you thought much about this?
 R8=2: Please look at CARD B2. Some people believe that we should spend much less money for defense. Suppose these people are at one end of a scale, at point 1. Others feel that defense spending should be greatly increased. Suppose these people are at the other end, at point 7. And, of course, some other people have opinions somewhere in between, at points 2, 3, 4, 5 or 6. Where would you place yourself on this scale, or haven't you thought much about this?
- Q70:** R7=1: During the last five years, has your financial situation gotten much better, gotten somewhat better, has it stayed the same, gotten somewhat worse, or gotten much worse?
 R7=2: During the last five years, has your financial situation gotten much better, gotten somewhat better, gotten somewhat worse, or gotten much worse?
 R7=3: During the last five years, has your financial situation gotten better, has it stayed the same, or gotten worse?
 R7=4: During the last five years, has your financial situation gotten better or gotten worse?
- Q72:** R7=1: How does your family's income over the last three years compare with those of American families in general? Would you say your family income has been below average, average, or above average?
 R7=2: How does your family's income over the last three years compare with those of American families in general? Would you say your family income has been below average or above average?

- R7=3: How does your family's income over the last three years compare with those of American families in general? Would you say your family income has been far below average, somewhat below average, average, somewhat above average, or far above average?
- R7=4: How does your family's income over the last three years compare with those of American families in general? Would you say your family income has been far below average, somewhat below average, somewhat above average, or far above average?
- Q74:** R7=1: Compared to your parents when they were the age you are now, do you think your own standard of living now is much better, somewhat better, about the same, somewhat worse, or much worse than theirs was?
- R7=2: Compared to your parents when they were the age you are now, do you think your own standard of living now is much better, somewhat better, somewhat worse, or much worse than theirs was?
- R7=3: Compared to your parents when they were the age you are now, do you think your own standard of living now is better, about the same, or worse?
- R7=4: Compared to your parents when they were the age you are now, do you think your own standard of living now is better or worse?
- Q136:** R10=1: Do you have an opinion about limits on foreign imports to protect American jobs?
- [IF HAS AN OPINION] Some people have suggested placing new limits on foreign imports in order to protect American jobs. Others say that such limits would raise consumer prices and hurt American exports. Do you favor or oppose placing new limits on imports?
- R10=2: Some people have suggested placing new limits on foreign imports in order to protect American jobs. Others say that such limits would raise consumer prices and hurt American exports. Do you favor or oppose placing new limits on imports?
- Q109:** The Euro is the unit of currency being used in participating European Union countries. Is one Euro currently worth more than one U.S. dollar, approximately the same amount as one U.S. dollar, or less than one U.S. dollar?
- Q183:** In general, how often do you pay cash for your purchases? Always, most of the time, sometimes, once in a while, or never?
- Q184:** How often do you pay cash when you purchase a meal at a restaurant? Always, most of the time, sometimes, once in a while, or never?
- Q50:** On the average day, about how many hours do you personally watch television?
- Q44:** How many days in the past week did you watch the national network news on TV?
- Q59:** R6=1: In the past week, how often have you listened to the radio? Would you say never, occasionally, sometimes, or frequently?
- R6=2: Do you ever listen to the radio?
- R6=3: In the past week, have you listened to the radio?
- R6=4: How often do you listen to the radio? Would you say never, occasionally, sometimes, or frequently?
- Q52:** R4=1: We are interested in how people get information about events in the news. Over the last 30 days, where did you get most of your information about current news events? Would you say from printed materials such as newspapers, magazines, and books, from broadcast media such as TV or the radio, from the Internet, from people around you such as family, friends, or colleagues, or from some other source?
- R4=2: We are interested in how people get information about events in the news. Over the last 30 days, where did you get most of your information about current news events? From broadcast media such as TV or the radio, from the Internet, from people around you such as family, friends, or colleagues, from printed materials such as newspapers, magazines, and books, or from some other source?
- R4=3: We are interested in how people get information about events in the news. Over the last 30 days, where did you get most of your information about current news events? From the Internet,

from people around you such as family, friends, or colleagues, from printed materials such as newspapers, magazines, and books, from broadcast media such as TV or the radio, or from some other source?

R4=4: We are interested in how people get information about events in the news. Over the last 30 days, where did you get most of your information about current news events? From people around you such as family, friends, or colleagues, from printed materials such as newspapers, magazines, and books, from broadcast media such as TV or the radio, from the Internet, or from some other source?

Q14: R6=1: Over the past five years, how much of the time do you think you have been able to trust the media to report the news fairly? Would you say just about always, most of the time, only some of the time, or almost never?

R6=2: How much of the time do you think you can trust the media to report the news fairly? Would you say just about always, most of the time, only some of the time, or almost never?

R6=3: Over the past five years, do you think you have been able to trust the media to report the news fairly?

R6=4: Do you think you can trust the media to report the news fairly?

Q56: R3=1: Is your home connected to the Internet by a telephone line, DSL, cable, some other way, or not at all?

R3=2: Is your home connected to the Internet by DSL, cable, a telephone line, some other way, or not at all?

R3=3: Is your home connected to the Internet by cable, a telephone line, DSL, some other way, or not at all?

Q47: Last week, about how many minutes or hours did you spend sending and answering electronic mail or e-mail, not including time spent at work?

Q73: R7=1: Compared to the average person living in the United States, do you think over the past 12 months you have read more books or fewer books?

R7=2: Compared to the average person living in the United States, do you think over the past 12 months you have read many more books, somewhat more books, about the same number of books, somewhat fewer books, or many fewer books?

R7=3: Compared to the average person living in the United States, do you think over the past 12 months you have read many more books, somewhat more books, somewhat fewer books, or many fewer books?

R7=4: Compared to the average person living in the United States, do you think over the past 12 months you have read more books, about the same number of books, or fewer books?

Q127: How often do you listen to music and spend time with friends? Would you say never, occasionally, sometimes, or frequently?

Q62: R6=1: How often do you see X-rated or pornographic movies? Would you say never, occasionally, sometimes, or frequently?

R6=2: In the past 12 months, how often have you seen X-rated or pornographic movies? Would you say never, occasionally, sometimes, or frequently?

R6=3: Have you ever seen an X-rated or pornographic movie?

R6=4: Have you seen an X-rated or pornographic movie in the past 12 months?

Q6: How many hours of television do you think a person should watch on an average day?

Q4: In the year 1980, how many major broadcast television networks existed in the U.S.?

Module IV

Q84: How many states are in the United States?

Q94: R3=1: Which of the following is the main duty of Congress: to write legislation, to make sure that the president's policies are carried out properly, or to watch over the states' government?

R3=2: Which of the following is the main duty of Congress: to make sure that the president's policies are carried out properly, to watch over the states' government, or to write legislation?

- R3=3: Which of the following is the main duty of Congress: to watch over the states' government, to write legislation, or to make sure that the president's policies are carried out properly?
- Q80:** In the presidential election of 2004, what percent of eligible voters in the U.S. cast a ballot?
- Q3:** Before the November 2000 elections, how many women had ever served in the U.S. senate?
- Q88:** R4=1: In 1992, who was elected president of the United States? Was it Jimmy Carter, Ronald Reagan, Bill Clinton, or George W. Bush?
R4=2: In 1992, who was elected president of the United States? Was it Ronald Reagan, Bill Clinton, George W. Bush, or Jimmy Carter?
R4=3: In 1992, who was elected president of the United States? Was it Bill Clinton, George W. Bush, Jimmy Carter, or Ronald Reagan?
R4=4: In 1992, who was elected president of the United States? Was it George W. Bush, Jimmy Carter, Ronald Reagan, or Bill Clinton?
- Q90:** R2=1: Do you happen to know which party had the most members in the House of Representatives in Washington before the 2006 Congressional elections? Would you say the Democratic Party or the Republican Party?
R2=2: Do you happen to know which party had the most members in the House of Representatives in Washington before the 2006 Congressional elections? Would you say the Republican Party or the Democratic Party?
- Q100:** R6=1 or R6=2: In his first term as president, did George W. Bush veto any bills passed by Congress?
R6=3 or R6=4: In his first term as president, how many of the bills that Congress passed did George W. Bush veto? Would you say none of them, some of them, or all of them?
- Q99:** R6=1 or R6=2: Over the past 12 months, has the United States vetoed any United Nations resolutions as part of its role on the U.N.'s Security Council?
R6=3 or R6=4: Over the past 12 months, how many United Nations resolutions has the United States vetoed as part of its role on the U.N.'s Security Council?
- Q104:** R6=1 or R6=2: Can all of the 192 Members of the United Nations vote as part of the General Assembly?
R6=3 or R6=4: How many of the 192 Members of the United Nations can vote as part of the General Assembly? Would you say all of them, some of them, or none of them?
- Q95:** R3=1: In some countries, voters elect leaders who serve in a parliament. Is a parliamentary government authoritarian, autocratic, or democratic?
R3=2: In some countries, voters elect leaders who serve in a parliament. Is a parliamentary government autocratic, democratic, or authoritarian?
R3=3: In some countries, voters elect leaders who serve in a parliament. Is a parliamentary government democratic, authoritarian, or autocratic?
- Q96:** R6=1 or R6=2: During the 1990s, how much of the time did a woman serve as prime minister of Israel? Would you say always, sometimes, or never?
R6=3 or R6=4: During the 1990s, did a woman ever serve as prime minister of Israel?
- Q108:** Over the last 25 years, has the number of democratic countries increased, stayed about the same, or decreased?
- Q81:** In 1950, what was the average price of a new house in the U.S., in dollars?
- Q112:** In 1975, had the human immunodeficiency virus, or HIV, been discovered?
- Q124:** What was the world's population in 1900?
- Q85:** How many continents are inhabited?
- Q111:** In total land area, is Canada larger than Russia, about the same size as Russia, or smaller than Russia?
- Q97:** R6=1 or R6=2: During 2007, how many Atlantic hurricanes hit the continental United States? Would you say none of them, some of them, or all of them?
R6=3 or R6=4: During 2007, did an Atlantic hurricane hit the continental United States?

- Q89:** R4=1: In 2005, which hurricane struck the Gulf Coast of the U.S.? Would you say Hurricane Andrew, Hurricane Katrina, Hurricane Elena, or Hurricane Mitch?
 R4=2: In 2005, which hurricane struck the Gulf Coast of the U.S.? Would you say Hurricane Katrina, Hurricane Elena, Hurricane Mitch, or Hurricane Andrew?
 R4=3: In 2005, which hurricane struck the Gulf Coast of the U.S.? Would you say Hurricane Elena, Hurricane Mitch, Hurricane Andrew, or Hurricane Katrina?
 R4=4: In 2005, which hurricane struck the Gulf Coast of the U.S.? Would you say Hurricane Mitch, Hurricane Andrew, Hurricane Katrina, or Hurricane Elena?
- Q98:** R6=1 or R6=2: In 2007, how many of Japan's volcanoes had a major eruption? Would you say all of them, some of them, or none of them?
 R6=3 or R6=4: In 2007, did any of Japan's volcanoes have a major eruption?
- Q105:** R6=1 or R6=2: The next question is about the Arctic. The Arctic is the region around the North Pole. Is the North Pole on a sheet of ice that floats on the Arctic Ocean?
 R6=3 or R6=4: The next question is about the Arctic. The Arctic is the region around the North Pole. How much of this area is covered by a sheet of ice that floats on the Arctic Ocean? Would you say none of it, some of it, or all of it?
- Q102:** R6=1 or R6=2: How frequently does the sun shine at the North Pole? Would you say never, sometimes, or all of the time?
 R6=3 or R6=4: Does the sun ever shine at the North Pole?
- Q106:** Would you say that over the last 25 years, the polar ice caps have gotten larger, stayed about the same size, or gotten smaller?
- Q120:** Does it ever snow in any place at the equator? Would you say never, occasionally, sometimes, or frequently?
- Q83:** Using either the Fahrenheit or Celsius scale, at what temperature does water freeze? Please specify Fahrenheit or Celsius.
- Q79:** In August of 2006, a group of scientists decided that Pluto should not be classified as a planet. Before this decision, how many planets did scientists believe were in our solar system?
 Q101:
 How long does it take for the Earth to go around the Sun? Would you say one day, one month, or one year?
- Q103:** R6=1 or R6=2: How much radioactivity is man-made? Would you say all, some, or none?
 R6=3 or R6=4: Is all radioactivity man-made?
- Q110:** Are electrons smaller than atoms, about the same size as atoms, or bigger than atoms?
- Q115:** Do lasers work by focusing sound waves?
- Q93:** R2=1: Now, please think about this situation. Two scientists want to know if a certain drug is effective against high blood pressure. The first scientist wants to give the drug to one thousand people with high blood pressure and see how many of them experience lower blood pressure levels. The second scientist wants to give the drug to five hundred people with high blood pressure, and not give the drug to another five hundred people with high blood pressure, and see how many in both groups experience lower blood pressure levels. Which is the better way to test this drug?
 R2=2: Now, please think about this situation. Two scientists want to know if a certain drug is effective against high blood pressure. The first scientist wants to give the drug to five hundred people with high blood pressure, and not give the drug to another five hundred people with high blood pressure, and see how many in both groups experience lower blood pressure levels. The second scientist wants to give the drug to one thousand people with high blood pressure and see how many of them experience lower blood pressure levels. Which is the better way to test this drug?

Module V:

- Q165:** Now we'd like to ask you some questions about your beliefs about this survey. How valuable would you say the survey that you are participating in will be for citizens of the United States? Would you say extremely valuable, very valuable, somewhat valuable, not too valuable, or not at all valuable?
- Q166:** How valuable would you say the survey will be for researchers at the University of Illinois? Would you say extremely valuable, very valuable, somewhat valuable, not too valuable, or not at all valuable?
- Q170:** How carefully did you think when answering this survey? Would you say extremely carefully, very carefully, somewhat carefully, not too carefully, or not carefully at all?
- Q171:** How thoroughly did you search your memory when deciding on your answers to the questions? Would you say extremely thoroughly, very thoroughly, somewhat thoroughly, not too thoroughly, or not thoroughly at all?
- Q172:** How hard did you work at interpreting the meaning of each question in the questionnaire? Would you say extremely hard, very hard, somewhat hard, not too hard, or not hard at all?
- Q173:** How much effort did you spend to make sure the answer you gave to each question best represented your views? Would you say a great deal of effort, a lot of effort, some effort, a little effort, or no effort at all?
- Q174:** How difficult was it to answer the questions in this survey? Would you say extremely difficult, very difficult, somewhat difficult, not too difficult, or not difficult at all?
- Q175:** How difficult was it to remember information relevant to the questions I asked you? Would you say extremely difficult, very difficult, somewhat difficult, not too difficult, or not difficult at all?
- Q176:** How difficult was it to select answers that best represented your views? Would you say extremely difficult, very difficult, somewhat difficult, not too difficult, or not difficult at all?