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AP VoteCast – 2020 Georgia Senate Runoff Elections

MAY 2021

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Study Methodology

AP VoteCast is a survey of the American electorate conducted by NORC at the University of Chicago for Fox News and The Associated Press. The survey is funded by AP. AP VoteCast was conducted in Georgia for their two 2021 Senate runoff elections. The survey of 4,565 registered voters was conducted December 28, 2020, to January 5, 2021, concluding as polls closed on Election Day. Interviews were conducted via phone and web, with 186 completing by phone and 4,379 completing by web.

AP VoteCast combines interviews with a random sample of registered voters drawn from state voter files with self-identified registered voters selected from nonprobability online panels. Interviews were conducted in English. Respondents may have received a small monetary incentive for completing the survey. Participants selected from state voter files were contacted by phone and mail, and had the opportunity to take the survey by phone or online.

In Georgia, VoteCast is based on 1,173 probability-based interviews conducted online and via phone, and 3,392 nonprobability interviews conducted online. The margin of sampling error is estimated to be plus or minus 2.1 percentage points for voters (n=3,792) and 4.5 percentage points for nonvoters (n=773). The unweighted response rate for the probability sample drawn from the Georgia state voter file was 1.9%.[1]

Sampling Details

Probability-based Registered Voter Sample

NORC obtained a sample of registered voters from Catalist LLC's registered voter database. This database includes demographic information, as well as addresses and phone numbers for registered voters, allowing potential respondents to be contacted via mail and telephone. The sample was stratified by the four-level partisanship category and five-level predicted response propensity category. In addition, NORC attempted to match sampled records to a registered voter database maintained by L2, which provided additional phone numbers and demographic information. After the matching, NORC had phone numbers for 81% of sampled records, including cell phone numbers for 77% of records with a phone number. Prior to dialing, all probability sample records were mailed a postcard inviting them to complete the survey either online using a unique PIN or via telephone by calling a toll-free number. Postcards are addressed by name to the sampled registered voter if that individual is under age 35; postcards are addressed to "Georgia Registered Voter" in all other cases. Not all sampled records with a telephone number were dialed; instead, dialing was reserved for sampled records in the two lowest predicted

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[1] The design weighted response rate for the probability sample is 2.0 %.

response propensity quintiles that had not already responded online. Telephone interviews were conducted with the adult that answers the phone. Both online and telephone respondents provided confirmation of registered voter status in the state.

Nonprobability Sample

Nonprobability participants were provided by Dynata and Lucid, including members of their third-party panels. Digital fingerprint software and panel-level ID validation is used to prevent respondents from completing the VoteCast survey multiple times. Nonprobability respondents provided confirmation of registered voter status in the state. A response rate cannot be calculated for nonprobability sample. While there is no way to quantify the size of the non-covered population for an opt-in panel, the primary population least likely to be included is those without internet access. Interviews were conducted in English.

Dynata used router technology to recruit participants, and all available panelists in Georgia were recruited. Among the 2,259 panelists who touched the pre-screener instrument, 1,556 went on to complete the full survey. Panelists confirmed voter registration status in Georgia. Dynata's system requires respondents to enter a unique ID to enter the survey, and this built-in technology prevents respondents from completing the survey more than once.

Lucid's suppliers invited respondents to the survey using email invites and panelist recruitment. Before sending them into the survey, Lucid targeted and pre-screened respondents age 18 and older on the basis of state location with zip code and registered voter status. Among the 2,395 panelists who touched the pre-screener instrument, 1,836 went on to complete the full survey. Panelists confirmed voter registration status in Georgia. Lucid assigns respondents a unique ID each time they take a survey, which locked them out if they attempted to complete the survey more than once.

Weighting Details

VoteCast employs a four-step weighting approach that combines the probability sample with the nonprobability sample, and refines estimates at a subregional level within Georgia.

First, weights are constructed separately for the probability sample and the nonprobability sample. These weights are adjusted to population totals to correct for demographic imbalances of the responding sample compared to the population of registered voters. The adjustment targets are derived from a combination of data from the U.S. Census Bureau's November 2018 Current Population Survey Voting and Registration Supplement, Catalist's voter file and the Census Bureau's 2019 American Community Survey. The variables used were:

- Sex * Age (male, female * 18-29, 30-44, 45-64, 65+)

- Race/ethnicity (Hispanic, NH-White, NH-Black, All Other)

- Education (less than high school/high school grad, some college, 4-year college grad, post-graduate)

- Age * race/ethnicity (18-29, 30-44, 45-64, 65+ * NH-White, All Other)

- Education * race/ethnicity (less than HS/HS grad, some college, 4-year college grad+ * NH-White, All Other)

- Voted in the 2018 mid-term election / 2020 Presidential election (voted in both, voted only in 2018, voted only in 2020, did not vote in either election)

- Vote in 2020 Presidential election (voted for Biden or Trump, voted for third party candidate, did not vote)

- Probability sample only: Partisanship model score category * Predicted response propensity quintile (strong Republican, lean Republican, lean Democrat, strong Democrat * 1st quintile, 2nd quintile, 3rd quintile, 4th quintile, 5th quintile).

- Probability sample only: Proportion of total completed interviews obtained via outbound dials * Predicted response propensity quintile (Proportion outbound completes * 1st quintile, 2nd quintile, 3rd quintile, 4th quintile, 5th quintile).

- County grouping using AP's party grouping (variable "AP_PARTY_REGION")

- Prior to adjusting to population totals, the probability-based registered voter list sample weights were adjusted for differential non-response by four-level partisanship model score category, five-level predicted response propensity category, and incentive amount offered.

Second, calibration variables were included in weighting for both the probability and non-probability samples to ensure the non-probability sample is similar to a probability sample in regard to variables that are predictive of vote choice that cannot be fully captured through demographic adjustments.

- Calibration variables

  o Party ID (Democrat, Independent, Republican)

The calibration benchmarks are based on estimates from a linear regression model that incorporates all probability and non-probability cases to make predictions for registered voters at the state-level for Party ID (Democrat, Independent, Republican). We derived two sets of partisanship benchmarks - one to calibrate those who voted in the 2020 Presidential election and one to calibrate those who voted in the

2018 House of Representatives election. Respondents who voted in both elections were included in the calibration dimension for both 2018 voters and 2020 voters, and those who voted in neither election were weighted to the average party ID distribution of 2018 and 2020 voters. Models included the following individual level variables:

- Flag for interaction between sex (male, female), age (18-29, 30-44, 45-64, 65+) and race/ethnicity (non-Hispanic White, All Other)
- Flag for interaction between sex (male, female) and education (less than high school/high school grad, some college, 4-year college grad, post-graduate)
- Flag for race/ethnicity (non-Hispanic White, non-Hispanic Black, Hispanic, non-Hispanic Other)
- Flag for voting for Trump, flag for voting for Biden in 2020 Presidential election
- Flag for voting for Republican candidate, flag for voting for Democratic candidate in 2018 House of Representatives election

The models for the calibration variables were run multiple times until they converged on an estimate (similar to how demographic variables are often raked until convergence). With this iterative modeling, the model is run with the data, the data is weighted to the new calibration estimate, the model is re-run with the re-weighted data, the data is re-weighted with the new calibration estimate, and this process continues until there is no change in the estimate of the calibration variable by further running the model.

Third, all respondents are weighted to improve estimates for substate geographic regions. This weight combines the weighted probability sample and the non-probability sample, and then uses a small area model to improve the estimate within subregions of the state. We created 28 regions (county groupings) for Georgia based on vote choice in previous elections and the number of expected survey completes in each county. We then used these groupings to generate model-based estimates of vote choice among likely voters. The small domain model was applied to the Purdue/Ossoff race.

The following variables were used as potential covariates in the model: 2020 Presidential election results, 2016 Presidential election results, 2018 House election results, population density, median income, percent below poverty line, percent non-Hispanic White below poverty line, percent unemployed, percent college degree, percent non-Hispanic White with college degree, portion on public assistance, percent insurance coverage, percent non-Hispanic White with insurance coverage, percent non-Hispanic White, percent non-Hispanic Black, percent Hispanic, percent citizen, percent 18-29 years old, percent 30-44 years old, percent 65 and older, percent non-Hispanic White 18-29 years old, percent non-Hispanic White 30-44 years old, percent non-Hispanic White 65 and older, percent in rural area, and percent who have not

moved in last year. We included in the models at least one variable from each of the following sets of variables: 1) past vote choice, 2) measure of socioeconomic status, 3) demographic or geographic measure.

Fourth, the survey results are weighted to the actual vote count following the completion of the election. The senate and senate special election vote results were used as benchmarks for weighting respondents who were voters. This weighting is done in 28 sub-state regions within Georgia.

Contact

For more information, visit www.apnorc.org or email info@apnorc.org.

Using Weights

AP VoteCast is designed to be analyzed using weighted data. The data file includes different weights for different types of analyses. The data file includes weights that represent results at two different stages of data collection.

- The FINALVOTE_STATE_WEIGHT weights should be used to produce estimates that are adjusted to reflect the final vote counts in addition to demographic, geographic, and calibration adjustments. Certified vote count data was provided by AP. AP VoteCast recommends using these weights for most analyses.
- The POLLCLOSE_STATE_WEIGHT weights can be used to produce estimates prior to any adjustments to final vote counts. These weights are provided for transparency of the methodology to permit comparison of the survey's estimates using all interviews collected through poll close, but prior to adjusting the survey outcome to match the final vote count.

To reproduce estimates in AP's publically-available VoteCast crosstabs of voters and estimates of voter demographics statewide, limit analysis to LIKELYVOTER=1 and cases where vote choice in the race of interest (SENVOTERUNOFF or SENSPVOTERUNOFF) is not missing. The FINALVOTE_STATE_WEIGHT variable should be used for weights.

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Index of Variables: *Listed in the order they appear in the file*

#	Variable	Question	Type	Len	Label
1	SU_ID	N/A	Num	8	Case ID
2	POLLCLOSE_STATE_WEIGHT	N/A	Num	8	POLLCLOSE_STATE_WEIGHT. Weight for state-level analysis before adjusting to vote counts
3	FINALVOTE_STATE_WEIGHT	N/A	Num	8	FINALVOTE_STATE_WEIGHT. Weight for state-level analysis after adjusting to final vote counts
4	MODE	N/A	Num	8	MODE. Survey mode
5	P_STATE	N/A	Char	2	P_STATE. State - Character variable - State abbreviation
6	LVA	LVA	Num	8	LVA. How interested are you in the runoff election on January 5th in Georgia?
7	LVB	LVB	Num	8	LVB. How likely are you to vote in the runoff election?
8	LV	LV	Num	8	LV. Please indicate how likely it is that you will vote in this election.
9	LIKELYVOTER	LVB, LV, QPVVOTE20, QPVVOTE18	Num	8	LIKELYVOTER. Likely Voter Model
10	WVA	WVA	Num	8	WVA. Which best describes how you voted?
11	WVB	WVB	Num	8	WVB. If you do vote in this election, how will you cast your ballot?
12	TIMEVOTE	WVA, WVB, LV, LVB, P_STATE	Num	8	TIMEVOTE. Advance vote
13	RACE1_VOTE	RACE1, RACE1_LEAN	Num	8	RACE1_VOTE. Race 1 candidate vote
14	RACE1_PARTY	RACE1, RACE1_LEAN	Num	8	RACE1_PARTY. Race 1 party vote
15	RACE1_RACEID	RACE1, RACE1_LEAN	Num	8	RACE1_RACEID. Race 1 race ID
16	RACE1_OFFICEID	RACE1, RACE1_LEAN	Char	2	RACE1_OFFICEID. Race 1 office ID
17	RACE1_RACETYPEID	RACE1, RACE1_LEAN	Char	1	RACE1_RACETYPEID. Race 1 race type ID

#	Variable	Question	Type	Len	Label
18	RACE2_VOTE	RACE2, RACE2_LEAN	Num	8	RACE2_VOTE. Race 2 candidate vote
19	RACE2_PARTY	RACE2, RACE2_LEAN	Num	8	RACE2_PARTY. Race 2 party vote
20	RACE2_RACEID	RACE2, RACE2_LEAN	Num	8	RACE2_RACEID. Race 2 race ID
21	RACE2_OFFICEID	RACE2, RACE2_LEAN	Char	2	RACE2_OFFICEID. Race 2 office ID
22	RACE2_RACETYPEID	RACE2, RACE2_LEAN	Char	1	RACE2_RACETYPEID. Race 2 race type ID
23	SENVOTERUNOFF	RACE1, RACE1_LEAN,	Num	8	SENVOTERUNOFF. Vote in Senate runoff election
24	SENSPVOTERUNOFF	RACE2, RACE2_LEAN	Num	8	SENSPVOTERUNOFF. Vote in Senate special runoff election
25	TRACK	TRACK	Num	8	TRACK. Generally speaking, would you say things in this country are heading in the...
26	ISSUES2020	ISSUES2020	Num	8	ISSUES2020. Which one of the following would you say is the most important issue facing the country?
27	MASKS	FAVOP	Num	8	MASKS. Do you favor or oppose each of the following? Requiring people to wear masks when around other people outside of their homes
28	PUBLICOPT	FAVOP	Num	8	PUBLICOPT. Do you favor or oppose each of the following? Changing the health care system so that any American can buy into a government-run health care plan if they want to
29	GOVREG	FAVOP	Num	8	GOVREG. Do you favor or oppose each of the following? Reducing government regulation of business

#	Variable	Question	Type	Len	Label
30	COVIDAIDSMALLBIZ	COVIDAID	Num	8	COVIDAIDSMALLBIZ. In response to the coronavirus outbreak, do you think Congress is doing too much, too little, or about the right amount to help the financial situation of each of the following? Small businesses
31	COVIDAIDCORP	COVIDAID	Num	8	COVIDAIDCORP. In response to the coronavirus outbreak, do you think Congress is doing too much, too little, or about the right amount to help the financial situation of each of the following? Large corporations
32	COVIDAIDAMERICANS	COVIDAID	Num	8	COVIDAIDAMERICANS. In response to the coronavirus outbreak, do you think Congress is doing too much, too little, or about the right amount to help the financial situation of each of the following? Individual Americans
33	TRUMPELXAPP	ELXAPPROVAL	Num	8	TRUMPELXAPP. Overall, do you approve or disapprove of the way each of the following handled the results of the 2020 presidential election? President Donald Trump
34	KEMPELXAPP	ELXAPPROVAL	Num	8	KEMPELXAPP. Overall, do you approve or disapprove of the way each of the following handled the results of the 2020 presidential election? Governor Brian Kemp

#	Variable	Question	Type	Len	Label
35	RAFFENSPERGE RELXAPP	ELXAPPROVAL	Num	8	RAFFENSPERGERELXAP P. Overall, do you approve or disapprove of the way each of the following handled the results of the 2020 presidential election? Georgia Secretary of State Brad Raffensperger
36	IMPTSENATE	IMPTSENATE	Num	8	IMPTSENATE. In deciding how to vote for U.S. Senator, how important was it to you which party controls the Senate?
37	CONTACT	CONTACT	Num	8	CONTACT. Were you personally contacted on behalf of any candidate about voting in the upcoming Senate runoff elections? That might have been by mail, email, phone or text message, or in person.
38	CONTACTPLEDG E	CONTACT2	Num	8	CONTACTPLEDGE. In response to any of these contacts, please say if you have done each of the following: Made a pledge or commitment to vote
39	CONTACTVOTE	CONTACT2	Num	8	CONTACTVOTE. In response to any of these contacts, please say if you have done each of the following: Received help with registering to vote, planning when and where to vote, or voting absentee
40	CONTACTDONAT E	CONTACT2	Num	8	CONTACTDONATE. In response to any of these contacts, please say if you have done each of the following: Donated money

#	Variable	Question	Type	Len	Label
41	CONTACTACTION	CONTACT2	Num	8	CONTACTACTION. In response to any of these contacts, please say if you have done each of the following: At least one action in response to contact
42	PERDUETRUMP	SENATETRUMP	Num	8	PERDUETRUMP. In general, do you think each of these senators supports President Trump too much, too little or about the right amount? David Perdue
43	LOEFFLERTRUMP	SENATETRUMP	Num	8	LOEFFLERTRUMP. In general, do you think each of these senators supports President Trump too much, too little or about the right amount? Kelly Loeffler
44	VOTECOUNTPAST	VOTECONFPAST	Num	8	VOTECOUNTPAST. Thinking about the 2020 presidential election in the U.S., how confident are you that votes were counted accurately?
45	VOTESUPPRESSPAST	VOTECONFPAST	Num	8	VOTESUPPRESSPAST. Thinking about the 2020 presidential election in the U.S., how confident are you that people who were eligible were allowed to vote?
46	VOTEFRAUDPAST	VOTECONFPAST	Num	8	VOTEFRAUDPAST. Thinking about the 2020 presidential election in the U.S., how confident are you that people who were not eligible were NOT allowed to vote?
47	BIDENPREZ	BIDENPREZ	Num	8	BIDENPREZ. Thinking about Joe Biden as president, would you say you:
48	LEGIT	LEGIT	Num	8	LEGIT. Do you think Joe Biden was legitimately elected president, or not?

#	Variable	Question	Type	Len	Label
49	FAVBIDEN	FAVORABLE	Num	8	FAVBIDEN. For each of the following, please say if you have a favorable or unfavorable opinion. If you do not know enough to have an opinion, you can say that too. Joe Biden
50	FAVTRUMP	FAVORABLE	Num	8	FAVTRUMP. For each of the following, please say if you have a favorable or unfavorable opinion. If you do not know enough to have an opinion, you can say that too. Donald Trump
51	FAVOSSOFF	FAVORABLE	Num	8	FAVOSSOFF. For each of the following, please say if you have a favorable or unfavorable opinion. If you do not know enough to have an opinion, you can say that too. Jon Ossoff
52	FAVPERDUE	FAVORABLE	Num	8	FAVPERDUE. For each of the following, please say if you have a favorable or unfavorable opinion. If you do not know enough to have an opinion, you can say that too. David Perdue
53	FAVWARNOCK	FAVORABLE	Num	8	FAVWARNOCK. For each of the following, please say if you have a favorable or unfavorable opinion. If you do not know enough to have an opinion, you can say that too. Raphael Warnock
54	FAVLOEFFLER	FAVORABLE	Num	8	FAVLOEFFLER. For each of the following, please say if you have a favorable or unfavorable opinion. If you do not know enough to have an opinion, you can say that too. Kelly Loeffler

#	Variable	Question	Type	Len	Label
55	FAVABRAMS	FAVORABLE	Num	8	FAVABRAMS. For each of the following, please say if you have a favorable or unfavorable opinion. If you do not know enough to have an opinion, you can say that too. Stacey Abrams
56	OSSOFFHONEST	OSSOFFTR	Num	8	OSOFFHONEST. Would you say Jon Ossoff is honest and trustworthy?
57	PERDUEHONEST	PERDUETR	Num	8	PERDUEHONEST. Would you say David Perdue is honest and trustworthy?
58	WARNOCKHONEST	WARNCKTR	Num	8	WARNOCKHONEST. Would you say Raphael Warnock is honest and trustworthy?
59	LOEFFLERHONEST	LOEFFLERTR	Num	8	LOEFFLERHONEST. Would you say Kelly Loeffler is honest and trustworthy?
60	OSSOFFEXPERIENCE	OSSOFFTR	Num	8	OSSOFFEXPERIENCE. Would you say Jon Ossoff has the right experience to serve effectively as senator?
61	PERDUEEXPERIENCE	PERDUETR	Num	8	PERDUEEXPERIENCE. Would you say David Perdue has the right experience to serve effectively as senator?
62	WARNOCKEXPERIENCE	WARNCKTR	Num	8	WARNOCKEXPERIENCE. Would you say Raphael Warnock has the right experience to serve effectively as senator?
63	LOEFFLEREXPERIENCE	LOEFFLERTR	Num	8	LOEFFLEREXPERIENCE. Would you say Kelly Loeffler has the right experience to serve effectively as senator?
64	OSSOFFEXTREME	OSSOFFTR	Num	8	OSSOFFEXTREME. Would you say Jon Ossoff is too extreme in his political views?

#	Variable	Question	Type	Len	Label
65	PERDUEEXTREME	PERDUETR	Num	8	PERDUEEXTREME. Would you say David Perdue is too extreme in his political views?
66	WARNOCKEXTREME	WARNCKTR	Num	8	WARNOCKEXTREME. Would you say Raphael Warnock is too extreme in his political views?
67	LOEFFLEREXTREME	LOEFFLERTR	Num	8	LOEFFLEREXTREME. Would you say Kelly Loeffler is too extreme in her political views?
68	OSSOFFCARES	OSSOFFTR	Num	8	OSSOFFCARES. Would you say Jon Ossoff cares about people like you?
69	PERDUECARES	PERDUETR	Num	8	PERDUECARES. Would you say David Perdue cares about people like you?
70	WARNOCKCARES	WARNCKTR	Num	8	WARNOCKCARES. Would you say Raphael Warnock cares about people like you?
71	LOEFFLERCARES	LOEFFLERTR	Num	8	LOEFFLERCARES. Would you say Kelly Loeffler cares about people like you?
72	STOCKS	STOCKS	Num	8	STOCKS. How concerned are you about allegations that David Perdue and Kelly Loeffler engaged in insider stock trading?
73	RACERES	RACERES	Num	8	RACERES. Do you think the pace of civil rights in the United States is going too slow, too fast, or about right?
74	GENTRUST	GENTRUST	Num	8	GENTRUST. Generally speaking, would you say that most people can be trusted or that you cannot be too careful in dealing with people?

#	Variable	Question	Type	Len	Label
75	RELIGCONFIDENCE	INSTGSS	Num	8	RELIGCONFIDENCE. As far as the people running these institutions are concerned, would you say you have a great deal of confidence, only some confidence, or hardly any confidence at all in them? Organized religion
76	PRESSCONFIDENCE	INSTGSS	Num	8	PRESSCONFIDENCE. As far as the people running these institutions are concerned, would you say you have a great deal of confidence, only some confidence, or hardly any confidence at all in them? The press
77	SCIENCECONFIDENCE	INSTGSS	Num	8	SCIENCECONFIDENCE. As far as the people running these institutions are concerned, would you say you have a great deal of confidence, only some confidence, or hardly any confidence at all in them? The scientific community
78	GOVTCONFIDENCE	INSTGSS	Num	8	GOVTCONFIDENCE. As far as the people running these institutions are concerned, would you say you have a great deal of confidence, only some confidence, or hardly any confidence at all in them? The federal government
79	MEDIAFAIR	MEDIA	Num	8	MEDIAFAIR. In presenting the news dealing with political and social issues, do you think that the news media deal fairly with all sides, or do they tend to favor one side?

#	Variable	Question	Type	Len	Label
80	VOTE20	QPVVOTE20	Num	8	VOTE20. In talking to people about elections, we often find that a lot of people were not able to vote because they were not registered, they were sick, or they just did not have time. Which one of the following statements best describes you?
81	VOTE20CHOICE	QVOTE2020	Num	8	VOTE20CHOICE. Did you vote in the 2020 presidential election for Donald Trump, Joe Biden, or someone else?
82	VOTE20CHOICESEN	QVOTE20S1	Num	8	VOTE20CHOICESEN. In the 2020 election for U.S. Senate, did you vote for Jon Ossoff, David Perdue, or someone else?
83	VOTE20CHOICESENSP	QVOTE20S2	Num	8	VOTE20CHOICESENSP. In the 2020 special election for U.S. Senate, did you vote for Raphael Warnock, Kelly Loeffler, or someone else?
84	VOTE18	QPVVOTE18	Num	8	VOTE18. What about voting in the 2018 midterm election? Which one of the following statements best describes you?
85	VOTE18CHOICE	QVOTE2018	Num	8	VOTE18CHOICE. In the 2018 election for United States House of Representatives, did you vote for the Democratic candidate, the Republican candidate, or someone else?
86	PARTYVOTING	PARTYVOTING	Num	8	PARTYVOTING: Think about elections in which you have voted, including national and statewide elections. Would you say you…

#	Variable	Question	Type	Len	Label
87	CIVICENG_A	CIVICENG	Num	8	CIVICENG_A. [A school group, neighborhood, or community association such as PTA or neighborhood watch group?] Below is a list of types of groups or organizations in which people sometimes participate. Have you participated in any of these groups during the last 12 months, that is since January 2020, or not?
88	CIVICENG_B	CIVICENG	Num	8	CIVICENG_B. [A service or civic organization such as American Legion or Lions Club?] Below is a list of types of groups or organizations in which people sometimes participate. Have you participated in any of these groups during the last 12 months, that is since January 2020, or not?
89	CIVICENG_C	CIVICENG	Num	8	CIVICENG_C. [A church, synagogue, mosque, or other religious institution or organization, not including your attendance at religious services?] Below is a list of types of groups or organizations in which people sometimes participate. Have you participated in any of these groups during the last 12 months, that is since January 2020, or not?

#	Variable	Question	Type	Len	Label
90	CIVICENG_D	CIVICENG	Num	8	CIVICENG_D. [A political party, political groups, political associations or a political campaign?] Below is a list of types of groups or organizations in which people sometimes participate. Have you participated in any of these groups during the last 12 months, that is since January 2020, or not?
91	WNV	WNV	Num	8	WNV. Which of the following is the biggest thing that might prevent you from voting in this election?
92	GENDER	GENDER	Num	8	GENDER. Do you describe yourself as a man, a woman, or in some other way?
93	AGE65	AGE	Num	8	AGE65. What is your age?
94	RACETH5	RACE, LATINO	Num	8	RACETH5. Race/Ethnicity
95	EDUC	EDUC1, EDUC4, EDUC5	Num	8	EDUC. Which best describes your level of education?
96	INCOME	INCOME1	Num	8	INCOME. In which of these categories is your total yearly household income, that is, of everyone living in your family household? Was your total household income in 2019...
97	IDEO5	PHIL3	Num	8	IDEO5. Generally speaking, do you consider yourself to be a liberal, moderate, or conservative?
98	PARTY	PID1	Num	8	PARTY. Generally speaking, do you consider yourself a Democrat, a Republican, or don't you consider yourself either?

#	Variable	Question	Type	Len	Label
99	PARTYFULL	PID1, PIDI	Num	8	PARTYFULL. Generally speaking, do you consider yourself a Democrat, a Republican, or don't you consider yourself either? Would you say you are closer to the Democrats, to the Republicans, or do you not lean toward either?
100	SIZEPLACE	SIZEPLACE	Num	8	SIZEPLACE. Which of the following best describes the area where you live?
101	RESIDENCY	RESIDENCY	Num	8	RESIDENCY. How long have you lived in your state?
102	BORNAGAINSTATE	BORNAGAIN	Num	8	BORNAGAINSTATE. Would you describe yourself as a born-again or evangelical Christian, or not?

Variables #9, 12-24, 94-95, and 99 are derived from more than one question.

Details of Variables

- "." Or space: logic skip, respondent is not applicable to a specific question
- 99: missing, survey non-respondent

MODE. Survey mode			
MODE	**Frequency**	**Weighted Frequency**	**Weighted Percent**
(1) Phone	186	238	5.22
(2) Web	4,379	4,327	94.78
Total	4,565	4,565	100.00

P_STATE. State - Character variable - State abbreviation			
P_STATE	**Frequency**	**Weighted Frequency**	**Weighted Percent**
(GA) Georgia	4,565	4,565	100.00
Total	4,565	4,565	100.00

LVA. How interested are you in the runoff election on January 5th in Georgia?			
LVA	**Frequency**	**Weighted Frequency**	**Weighted Percent**
(1) Extremely interested	3,000	2,449	53.65
(2) Very interested	777	923	20.22
(3) Somewhat interested	441	660	14.46
(4) Only a little interested	130	198	4.34
(5) Not at all interested	210	321	7.03
(99) DON'T KNOW/SKIPPED/REFUSED (VOL)	7	14	0.30
Total	4,565	4,565	100.00

LVB. How likely are you to vote in the runoff election?			
LVB	**Frequency**	**Weighted Frequency**	**Weighted Percent**
(1) Definitely will vote	2,038	1,792	39.26
(2) Probably will vote	429	713	15.62
(3) Probably will not vote	208	488	10.69
(4) Definitely will not vote	169	278	6.09
(5) I already voted	1,721	1,294	28.35
Total	4,565	4,565	100.00

LV. Please indicate how likely it is that you will vote in this election.			
LV	**Frequency**	**Weighted Frequency**	**Percent**
(0) 0-Certain will not vote	213	376	8.23
(1) 1	29	69	1.52
(2) 2	47	104	2.27
(3) 3	46	138	3.02
(4) 4	52	110	2.41
(5) 5	120	229	5.01
(6) 6	70	148	3.23
(7) 7	106	216	4.73
(8) 8	162	215	4.71
(9) 9	190	198	4.35
(10) 10-Certain will vote	1,809	1,469	32.17
(11) Already voted	1,721	1,294	28.35
Total	**4,565**	**4,565**	**100.00**

LIKELYVOTER. Likely Voter Model			
LIKELYVOTER	**Frequency**	**Weighted Frequency**	**Weighted Percent**
(1) Likely voter	3,792	2,943	64.48
(2) Nonvoter	773	1,622	35.52
Total	**4,565**	**4,565**	**100.00**

WVA. Which best describes how you voted?			
WVA	**Frequency**	**Weighted Frequency**	**Weighted Percent**
.	2,844	3,271	71.65
(1) I voted in person at a polling place BEFORE Election Day	973	758	16.60
(2) I voted by mail BEFORE Election Day	720	517	11.31
(3) I voted in person at a polling place TODAY (Election Day)	25	17	0.38
(4) I voted by mail TODAY (Election Day)	3	3	0.06
Total	**4,565**	**4,565**	**100.00**

WVB. If you do vote in this election, how will you cast your ballot?			
WVB	**Frequency**	**Weighted Frequency**	**Weighted Percent**
.	1,890	1,572	34.44
(1) I will vote by mail	648	717	15.70
(2) I will vote in person before Election Day	789	925	20.26
(3) I will vote in person at a polling place on Election Day	952	1,022	22.38
(4) I will vote by mail today (Election Day)	83	123	2.70
(5) I will vote in person at a polling place today (Election Day)	196	196	4.29
(99) DON'T KNOW/SKIPPED/REFUSED (VOL)	7	11	0.23
Total	4,565	4,565	100.00

TIMEVOTE. Advance vote			
TIMEVOTE	**Frequency**	**Weighted Frequency**	**Weighted Percent**
.	176	289	6.32
(1) Election Day	1,173	1,235	27.06
(2) Early/Absentee	3,216	3,041	66.62
Total	4,565	4,565	100.00

RACE1_VOTE. Race 1 candidate vote			
RACE1_VOTE	**Frequency**	**Weighted Frequency**	**Weighted Percent**
.	200	285	6.24
(63347) David A. Perdue	1,997	2,039	44.68
(65866) Jon Ossoff	2,368	2,241	49.09
Total	4,565	4,565	100.00

RACE1_PARTY. Race 1 party vote			
RACE1_PARTY	**Frequency**	**Weighted Frequency**	**Weighted Percent**
.	200	285	6.24
(1) Democrat	2,368	2,241	49.09
(2) Republican	1,997	2,039	44.68
Total	4,565	4,565	100.00

RACE1_RACEID. Race 1 race ID			
RACE1_RACEID	**Frequency**	**Weighted Frequency**	**Weighted Percent**
(12599) Senate Runoff Election	4,565	4,565	100.00
Total	4,565	4,565	100.00

RACE1_OFFICEID. Race 1 office ID			
RACE1_OFFICEID	**Frequency**	**Weighted Frequency**	**Weighted Percent**
	200	285	6.24
(S) Senate race 1	4,365	4,280	93.76
Total	4,565	4,565	100.00

RACE1_RACETYPEID. Race 1 race type ID			
RACE1_RACETYPEID	**Frequency**	**Weighted Frequency**	**Weighted Percent**
	200	285	6.24
(G) General Election	4,365	4,280	93.76
Total	4,565	4,565	100.00

RACE2_VOTE. Race 2 candidate vote			
RACE2_VOTE	**Frequency**	**Weighted Frequency**	**Weighted Percent**
.	207	300	6.57
(67977) Kelly Loeffler	1,993	2,013	44.10
(69478) Raphael Warnock	2,365	2,252	49.33
Total	4,565	4,565	100.00

RACE2_PARTY. Race 2 party vote			
RACE2_PARTY	**Frequency**	**Weighted Frequency**	**Weighted Percent**
.	207	300	6.57
(1) Democrat	2,365	2,252	49.33
(2) Republican	1,993	2,013	44.10
Total	4,565	4,565	100.00

RACE2_RACEID. Race 2 race ID			
RACE2_RACEID	**Frequency**	**Weighted Frequency**	**Weighted Percent**
(12597) Senate Special Runoff Election	4,565	4,565	100.00
Total	4,565	4,565	100.00

RACE2_OFFICEID. Race 2 office ID			
RACE2_OFFICEID	**Frequency**	**Weighted Frequency**	**Weighted Percent**
	207	300	6.57
(S2) Senate race 2	4,358	4,265	93.43
Total	4,565	4,565	100.00

RACE2_RACETYPEID. Race 2 race type ID			
RACE2_RACETYPEID	**Frequency**	**Weighted Frequency**	**Weighted Percent**
	207	300	6.57
(G) General Election	4,358	4,265	93.43
Total	4,565	4,565	100.00

SENVOTERUNOFF. Vote in Senate runoff election			
SENVOTERUNOFF	**Frequency**	**Weighted Frequency**	**Weighted Percent**
.	200	285	6.24
(1) Jon Ossoff	2,368	2,241	49.09
(2) David Perdue	1,997	2,039	44.68
Total	4,565	4,565	100.00

SENSPVOTERUNOFF. Vote in Senate special runoff election			
SENSPVOTERUNOFF	**Frequency**	**Weighted Frequency**	**Weighted Percent**
.	207	300	6.57
(1) Raphael Warnock	2,365	2,252	49.33
(2) Kelly Loeffler	1,993	2,013	44.10
Total	4,565	4,565	100.00

TRACK. Generally speaking, would you say things in this country are heading in the...			
TRACK	**Frequency**	**Weighted Frequency**	**Weighted Percent**
(1) Right direction	1,601	1,682	36.85
(2) Wrong direction	2,918	2,821	61.80
(99) DON'T KNOW/SKIPPED/REFUSED (VOL)	46	61	1.35
Total	4,565	4,565	100.00

ISSUES2020. Which one of the following would you say is the most important issue facing the country?			
ISSUES2020	**Frequency**	**Weighted Frequency**	**Weighted Percent**
(1) The economy and jobs	1,180	1,113	24.38
(2) Health care	419	433	9.49
(3) Immigration	171	180	3.95
(4) Abortion	121	149	3.26
(5) Law enforcement	147	171	3.74
(6) Climate change	139	128	2.81
(7) Foreign Policy	114	137	2.99
(8) The coronavirus pandemic	1,864	1,729	37.87
(9) Racism	392	507	11.11
(99) DON'T KNOW/SKIPPED/REFUSED (VOL)	18	19	0.41
Total	4,565	4,565	100.00

MASKS. Do you favor or oppose each of the following? Requiring people to wear masks when around other people outside of their homes			
MASKS	**Frequency**	**Weighted Frequency**	**Weighted Percent**
(1) Strongly favor	2,423	2,129	46.64
(2) Somewhat favor	953	1,020	22.33
(3) Somewhat oppose	573	698	15.29
(4) Strongly oppose	572	660	14.45
(99) DON'T KNOW/SKIPPED/REFUSED (VOL)	44	58	1.27
Total	4,565	4,565	100.00

PUBLICOPT. Do you favor or oppose each of the following? Changing the health care system so that any American can buy into a government-run health care plan if they want to			
PUBLICOPT	**Frequency**	**Weighted Frequency**	**Weighted Percent**
(1) Strongly favor	1,485	1,314	28.79
(2) Somewhat favor	1,451	1,539	33.72
(3) Somewhat oppose	712	778	17.04
(4) Strongly oppose	860	841	18.43
(99) DON'T KNOW/SKIPPED/REFUSED (VOL)	57	92	2.02
Total	4,565	4,565	100.00

GOVREG. Do you favor or oppose each of the following? Reducing government regulation of business			
GOVREG	**Frequency**	**Weighted Frequency**	**Weighted Percent**
(1) Strongly favor	1,210	1,100	24.09
(2) Somewhat favor	1,641	1,697	37.18
(3) Somewhat oppose	1,136	1,142	25.01
(4) Strongly oppose	501	512	11.22
(99) DON'T KNOW/SKIPPED/REFUSED (VOL)	77	114	2.50
Total	4,565	4,565	100.00

COVIDAIDSMALLBIZ. In response to the coronavirus outbreak, do you think Congress is doing too much, too little, or about the right amount to help the financial situation of each of the following? Small businesses			
COVIDAIDSMALLBIZ	**Frequency**	**Weighted Frequency**	**Weighted Percent**
(1) Too much	336	433	9.49
(2) Too little	3,232	3,002	65.77
(3) About the right amount	916	1,022	22.39
(99) DON'T KNOW/SKIPPED/REFUSED (VOL)	81	107	2.35
Total	4,565	4,565	100.00

COVIDAIDCORP. In response to the coronavirus outbreak, do you think Congress is doing too much, too little, or about the right amount to help the financial situation of each of the following? Large corporations			
COVIDAIDCORP	**Frequency**	**Weighted Frequency**	**Weighted Percent**
(1) Too much	2,363	2,160	47.31
(2) Too little	877	1,099	24.08
(3) About the right amount	1,231	1,178	25.80
(99) DON'T KNOW/SKIPPED/REFUSED (VOL)	94	128	2.81
Total	4,565	4,565	100.00

COVIDAIDAMERICANS. In response to the coronavirus outbreak, do you think Congress is doing too much, too little, or about the right amount to help the financial situation of each of the following? Individual Americans			
COVIDAIDAMERICANS	**Frequency**	**Weighted Frequency**	**Weighted Percent**
(1) Too much	380	486	10.64
(2) Too little	3,202	2,984	65.36
(3) About the right amount	900	963	21.09
(99) DON'T KNOW/SKIPPED/REFUSED (VOL)	83	133	2.91
Total	4,565	4,565	100.00

TRUMPELXAPP. Overall, do you approve or disapprove of the way each of the following handled the results of the 2020 presidential election? President Donald Trump			
TRUMPELXAPP	**Frequency**	**Weighted Frequency**	**Weighted Percent**
(1) Approve strongly	1,135	1,217	26.66
(2) Approve somewhat	729	841	18.42
(3) Disapprove somewhat	571	626	13.72
(4) Disapprove strongly	2,061	1,777	38.94
(99) DON'T KNOW/SKIPPED/REFUSED (VOL)	69	104	2.27
Total	4,565	4,565	100.00

KEMPELXAPP. Overall, do you approve or disapprove of the way each of the following handled the results of the 2020 presidential election? Governor Brian Kemp			
KEMPELXAPP	**Frequency**	**Weighted Frequency**	**Weighted Percent**
(1) Approve strongly	800	758	16.60
(2) Approve somewhat	1,540	1,540	33.72
(3) Disapprove somewhat	1,047	1,048	22.95
(4) Disapprove strongly	1,084	1,082	23.71
(99) DON'T KNOW/SKIPPED/REFUSED (VOL)	94	138	3.02
Total	4,565	4,565	100.00

RAFFENSPERGERELXAPP. Overall, do you approve or disapprove of the way each of the following handled the results of the 2020 presidential election? Georgia Secretary of State Brad Raffensperger			
RAFFENSPERGERELXAPP	**Frequency**	**Weighted Frequency**	**Weighted Percent**
(1) Approve strongly	1,183	994	21.77
(2) Approve somewhat	1,492	1,528	33.48
(3) Disapprove somewhat	916	997	21.83
(4) Disapprove strongly	873	893	19.56
(99) DON'T KNOW/SKIPPED/REFUSED (VOL)	101	153	3.35
Total	4,565	4,565	100.00

IMPTSENATE. In deciding how to vote for U.S. Senator, how important was it to you which party controls the Senate?			
IMPTSENATE	**Frequency**	**Weighted Frequency**	**Weighted Percent**
.	377	766	16.77
(1) The single most important factor	2,352	2,084	45.65
(2) An important factor, but not the most important	1,510	1,334	29.22
(3) A minor factor	179	223	4.88
(4) Not a factor	139	155	3.40
(99) DON'T KNOW/SKIPPED/REFUSED (VOL)	8	4	0.08
Total	4,565	4,565	100.00

CONTACT. Were you personally contacted on behalf of any candidate about voting in the upcoming Senate runoff elections? That might have been by mail, email, phone or text message, or in person.			
CONTACT	**Frequency**	**Weighted Frequency**	**Weighted Percent**
(1) Yes, on behalf of Democratic candidates Ossoff or Warnock	939	1,056	23.14
(2) Yes, on behalf of Republican candidates Perdue or Loeffler	523	586	12.84
(3) Yes, on behalf of both Democratic and Republican candidates	1,928	1,547	33.88
(4) No, not contacted on behalf of any candidate	1,166	1,353	29.64
(99) DON'T KNOW/SKIPPED/REFUSED (VOL)	9	23	0.50
Total	4,565	4,565	100.00

CONTACTPLEDGE. In response to any of these contacts, please say if you have done each of the following: Made a pledge or commitment to vote			
CONTACTPLEDGE	**Frequency**	**Weighted Frequency**	**Weighted Percent**
(1) Yes, made pledge or commitment	1,569	1,516	33.21
(2) No, did not make pledge or commitment	1,777	1,638	35.89
(3) Not contacted on behalf of any candidate	1,175	1,376	30.14
(99) DON'T KNOW/SKIPPED/REFUSED (VOL)	44	35	0.77
Total	4,565	4,565	100.00

CONTACTVOTE. In response to any of these contacts, please say if you have done each of the following: Received help with registering to vote, planning when and where to vote, or voting absentee			
CONTACTVOTE	**Frequency**	**Weighted Frequency**	**Weighted Percent**
(1) Yes, received help	675	778	17.05
(2) No, did not receive help	2,598	2,293	50.22
(3) Not contacted on behalf of any candidate	1,175	1,376	30.14
(99) DON'T KNOW/SKIPPED/REFUSED (VOL)	117	118	2.59
Total	4,565	4,565	100.00

CONTACTDONATE. In response to any of these contacts, please say if you have done each of the following: Donated money			
CONTACTDONATE	**Frequency**	**Weighted Frequency**	**Weighted Percent**
(1) Yes, donated money	561	520	11.40
(2) No, did not donate money	2,696	2,510	54.99
(3) Not contacted on behalf of any candidate	1,175	1,376	30.14
(99) DON'T KNOW/SKIPPED/REFUSED (VOL)	133	159	3.48
Total	4,565	4,565	100.00

CONTACTACTION. In response to any of these contacts, please say if you have done each of the following: At least one action in response to contact			
CONTACTACTION	**Frequency**	**Weighted Frequency**	**Weighted Percent**
(1) Yes, at least one action in response to contact	1,807	1,770	38.78
(2) No, did not take any action in response to contact	1,583	1,419	31.08
(3) Not contacted on behalf of any candidate	1,175	1,376	30.14
Total	4,565	4,565	100.00

PERDUETRUMP. In general, do you think each of these senators supports President Trump too much, too little or about the right amount? David Perdue			
PERDUETRUMP	**Frequency**	**Weighted Frequency**	**Weighted Percent**
(1) Too much	2,037	1,832	40.14
(2) Too little	542	712	15.61
(3) About the right amount	1,913	1,924	42.15
(99) DON'T KNOW/SKIPPED/REFUSED (VOL)	73	96	2.10
Total	4,565	4,565	100.00

LOEFFLERTRUMP. In general, do you think each of these senators supports President Trump too much, too little or about the right amount? Kelly Loeffler

LOEFFLERTRUMP	Frequency	Weighted Frequency	Weighted Percent
(1) Too much	2,149	1,883	41.24
(2) Too little	517	728	15.95
(3) About the right amount	1,826	1,836	40.22
(99) DON'T KNOW/SKIPPED/REFUSED (VOL)	73	118	2.58
Total	4,565	4,565	100.00

VOTECOUNTPAST. Thinking about the 2020 presidential election in the U.S., how confident are you that votes were counted accurately?

VOTECOUNTPAST	Frequency	Weighted Frequency	Weighted Percent
(1) Very confident	2,099	1,838	40.27
(2) Somewhat confident	804	942	20.65
(3) Not too confident	578	678	14.84
(4) Not at all confident	1,071	1,096	24.01
(99) DON'T KNOW/SKIPPED/REFUSED (VOL)	13	10	0.23
Total	4,565	4,565	100.00

VOTESUPPRESSPAST. Thinking about the 2020 presidential election in the U.S., how confident are you that people who were eligible were allowed to vote?

VOTESUPPRESSPAST	Frequency	Weighted Frequency	Weighted Percent
(1) Very confident	2,289	2,145	46.99
(2) Somewhat confident	1,444	1,415	31.00
(3) Not too confident	426	514	11.25
(4) Not at all confident	319	376	8.24
(99) DON'T KNOW/SKIPPED/REFUSED (VOL)	87	115	2.52
Total	4,565	4,565	100.00

VOTEFRAUDPAST. Thinking about the 2020 presidential election in the U.S., how confident are you that people who were not eligible were NOT allowed to vote?			
VOTEFRAUDPAST	**Frequency**	**Weighted Frequency**	**Weighted Percent**
(1) Very confident	1,808	1,585	34.71
(2) Somewhat confident	928	1,046	22.91
(3) Not too confident	768	874	19.14
(4) Not at all confident	965	928	20.33
(99) DON'T KNOW/SKIPPED/REFUSED (VOL)	96	132	2.90
Total	4,565	4,565	100.00

BIDENPREZ. Thinking about Joe Biden as president, would you say you:			
BIDENPREZ	**Frequency**	**Weighted Frequency**	**Weighted Percent**
(1) Support him enthusiastically	1,533	1,424	31.20
(2) Support him, but not enthusiastically	988	973	21.31
(3) Did not support him, but will give him a chance	964	1,016	22.25
(4) Will not support him	1,062	1,123	24.60
(99) DON'T KNOW/SKIPPED/REFUSED (VOL)	18	29	0.64
Total	4,565	4,565	100.00

LEGIT. Do you think Joe Biden was legitimately elected president, or not?			
LEGIT	**Frequency**	**Weighted Frequency**	**Weighted Percent**
(1) Yes, legitimately elected	2,873	2,754	60.32
(2) No, not legitimately elected	1,654	1,777	38.92
(99) DON'T KNOW/SKIPPED/REFUSED (VOL)	38	34	0.75
Total	4,565	4,565	100.00

FAVBIDEN. For each of the following, please say if you have a favorable or unfavorable opinion. If you do not know enough to have an opinion, you can say that too. Joe Biden

FAVBIDEN	Frequency	Weighted Frequency	Weighted Percent
(1) Very favorable	1,526	1,439	31.53
(2) Somewhat favorable	840	803	17.59
(3) Somewhat unfavorable	518	540	11.83
(4) Very unfavorable	1,473	1,539	33.70
(5) Do not know enough to say	183	208	4.55
(99) DON'T KNOW/SKIPPED/REFUSED (VOL)	25	36	0.80
Total	4,565	4,565	100.00

FAVTRUMP. For each of the following, please say if you have a favorable or unfavorable opinion. If you do not know enough to have an opinion, you can say that too. Donald Trump

FAVTRUMP	Frequency	Weighted Frequency	Weighted Percent
(1) Very favorable	1,307	1,403	30.74
(2) Somewhat favorable	658	706	15.46
(3) Somewhat unfavorable	398	458	10.04
(4) Very unfavorable	2,006	1,771	38.79
(5) Do not know enough to say	171	191	4.18
(99) DON'T KNOW/SKIPPED/REFUSED (VOL)	25	36	0.79
Total	4,565	4,565	100.00

FAVOSSOFF. For each of the following, please say if you have a favorable or unfavorable opinion. If you do not know enough to have an opinion, you can say that too. Jon Ossoff

FAVOSSOFF	Frequency	Weighted Frequency	Weighted Percent
(1) Very favorable	1,384	1,298	28.44
(2) Somewhat favorable	827	769	16.84
(3) Somewhat unfavorable	430	506	11.08
(4) Very unfavorable	1,556	1,501	32.88
(5) Do not know enough to say	328	437	9.58
(99) DON'T KNOW/SKIPPED/REFUSED (VOL)	40	54	1.18
Total	4,565	4,565	100.00

FAVPERDUE. For each of the following, please say if you have a favorable or unfavorable opinion. If you do not know enough to have an opinion, you can say that too. David Perdue

FAVPERDUE	Frequency	Weighted Frequency	Weighted Percent
(1) Very favorable	1,047	1,065	23.33
(2) Somewhat favorable	963	988	21.64
(3) Somewhat unfavorable	631	705	15.45
(4) Very unfavorable	1,572	1,302	28.52
(5) Do not know enough to say	318	449	9.83
(99) DON'T KNOW/SKIPPED/REFUSED (VOL)	34	56	1.23
Total	4,565	4,565	100.00

FAVWARNOCK. For each of the following, please say if you have a favorable or unfavorable opinion. If you do not know enough to have an opinion, you can say that too. Raphael Warnock

FAVWARNOCK	Frequency	Weighted Frequency	Weighted Percent
(1) Very favorable	1,370	1,268	27.78
(2) Somewhat favorable	871	833	18.25
(3) Somewhat unfavorable	412	510	11.18
(4) Very unfavorable	1,551	1,490	32.65
(5) Do not know enough to say	337	433	9.49
(99) DON'T KNOW/SKIPPED/REFUSED (VOL)	24	30	0.65
Total	4,565	4,565	100.00

FAVLOEFFLER. For each of the following, please say if you have a favorable or unfavorable opinion. If you do not know enough to have an opinion, you can say that too. Kelly Loeffler

FAVLOEFFLER	Frequency	Weighted Frequency	Weighted Percent
(1) Very favorable	936	964	21.12
(2) Somewhat favorable	963	988	21.65
(3) Somewhat unfavorable	574	657	14.40
(4) Very unfavorable	1,696	1,410	30.88
(5) Do not know enough to say	365	492	10.77
(99) DON'T KNOW/SKIPPED/REFUSED (VOL)	31	54	1.18
Total	4,565	4,565	100.00

FAVABRAMS. For each of the following, please say if you have a favorable or unfavorable opinion. If you do not know enough to have an opinion, you can say that too. Stacey Abrams

FAVABRAMS	Frequency	Weighted Frequency	Weighted Percent
(1) Very favorable	1,393	1,315	28.81
(2) Somewhat favorable	651	651	14.26
(3) Somewhat unfavorable	377	449	9.84
(4) Very unfavorable	1,637	1,547	33.89
(5) Do not know enough to say	483	567	12.42
(99) DON'T KNOW/SKIPPED/REFUSED (VOL)	24	35	0.78
Total	4,565	4,565	100.00

OSOFFHONEST. Would you say Jon Ossoff is honest and trustworthy?

OSSOFFHONEST	Frequency	Weighted Frequency	Weighted Percent
(1) Yes	2,277	2,168	47.50
(2) No	2,174	2,239	49.05
(99) DON'T KNOW/SKIPPED/REFUSED (VOL)	114	157	3.45
Total	4,565	4,565	100.00

PERDUEHONEST. Would you say David Perdue is honest and trustworthy?

PERDUEHONEST	Frequency	Weighted Frequency	Weighted Percent
(1) Yes	1,908	1,956	42.85
(2) No	2,534	2,452	53.71
(99) DON'T KNOW/SKIPPED/REFUSED (VOL)	123	157	3.44
Total	4,565	4,565	100.00

WARNOCKHONEST. Would you say Raphael Warnock is honest and trustworthy?

WARNOCKHONEST	Frequency	Weighted Frequency	Weighted Percent
(1) Yes	2,324	2,212	48.46
(2) No	2,116	2,185	47.87
(99) DON'T KNOW/SKIPPED/REFUSED (VOL)	125	167	3.67
Total	4,565	4,565	100.00

LOEFFLERHONEST. Would you say Kelly Loeffler is honest and trustworthy?			
LOEFFLERHONEST	**Frequency**	**Weighted Frequency**	**Weighted Percent**
(1) Yes	1,803	1,887	41.34
(2) No	2,622	2,455	53.78
(99) DON'T KNOW/SKIPPED/REFUSED (VOL)	140	223	4.89
Total	4,565	4,565	100.00

OSSOFFEXPERIENCE. Would you say Jon Ossoff has the right experience to serve effectively as senator?			
OSSOFFEXPERIENCE	**Frequency**	**Weighted Frequency**	**Weighted Percent**
(1) Yes	2,264	2,272	49.78
(2) No	2,198	2,161	47.34
(99) DON'T KNOW/SKIPPED/REFUSED (VOL)	103	132	2.88
Total	4,565	4,565	100.00

PERDUEEXPERIENCE. Would you say David Perdue has the right experience to serve effectively as senator?			
PERDUEEXPERIENCE	**Frequency**	**Weighted Frequency**	**Weighted Percent**
(1) Yes	2,751	2,760	60.47
(2) No	1,709	1,673	36.64
(99) DON'T KNOW/SKIPPED/REFUSED (VOL)	105	132	2.89
Total	4,565	4,565	100.00

WARNOCKEXPERIENCE. Would you say Raphael Warnock has the right experience to serve effectively as senator?			
WARNOCKEXPERIENCE	**Frequency**	**Weighted Frequency**	**Weighted Percent**
(1) Yes	2,111	2,119	46.41
(2) No	2,346	2,295	50.27
(99) DON'T KNOW/SKIPPED/REFUSED (VOL)	108	151	3.32
Total	4,565	4,565	100.00

LOEFFLEREXPERIENCE. Would you say Kelly Loeffler has the right experience to serve effectively as senator?			
LOEFFLEREXPERIENCE	**Frequency**	**Weighted Frequency**	**Weighted Percent**
(1) Yes	2,047	2,180	47.75
(2) No	2,398	2,207	48.35
(99) DON'T KNOW/SKIPPED/REFUSED (VOL)	120	178	3.90
Total	4,565	4,565	100.00

OSSOFFEXTREME. Would you say Jon Ossoff is too extreme in his political views?			
OSSOFFEXTREME	**Frequency**	**Weighted Frequency**	**Weighted Percent**
(1) Yes	2,176	2,262	49.56
(2) No	2,299	2,177	47.68
(99) DON'T KNOW/SKIPPED/REFUSED (VOL)	90	126	2.76
Total	4,565	4,565	100.00

PERDUEEXTREME. Would you say David Perdue is too extreme in his political views?			
PERDUEEXTREME	**Frequency**	**Weighted Frequency**	**Weighted Percent**
(1) Yes	1,930	1,873	41.03
(2) No	2,521	2,554	55.96
(99) DON'T KNOW/SKIPPED/REFUSED (VOL)	114	138	3.01
Total	4,565	4,565	100.00

WARNOCKEXTREME. Would you say Raphael Warnock is too extreme in his political views?			
WARNOCKEXTREME	**Frequency**	**Weighted Frequency**	**Weighted Percent**
(1) Yes	2,238	2,307	50.55
(2) No	2,228	2,122	46.48
(99) DON'T KNOW/SKIPPED/REFUSED (VOL)	99	136	2.98
Total	4,565	4,565	100.00

LOEFFLEREXTREME. Would you say Kelly Loeffler is too extreme in her political views?			
LOEFFLEREXTREME	**Frequency**	**Weighted Frequency**	**Weighted Percent**
(1) Yes	2,023	1,916	41.97
(2) No	2,424	2,466	54.03
(99) DON'T KNOW/SKIPPED/REFUSED (VOL)	118	183	4.00
Total	4,565	4,565	100.00

OSSOFFCARES. Would you say Jon Ossoff cares about people like you?			
OSSOFFCARES	**Frequency**	**Weighted Frequency**	**Weighted Percent**
(1) Yes	2,438	2,365	51.81
(2) No	2,070	2,135	46.76
(99) DON'T KNOW/SKIPPED/REFUSED (VOL)	57	65	1.42
Total	4,565	4,565	100.00

PERDUECARES. Would you say David Perdue cares about people like you?			
PERDUECARES	**Frequency**	**Weighted Frequency**	**Weighted Percent**
(1) Yes	1,986	2,101	46.02
(2) No	2,506	2,381	52.16
(99) DON'T KNOW/SKIPPED/REFUSED (VOL)	73	83	1.82
Total	4,565	4,565	100.00

WARNOCKCARES. Would you say Raphael Warnock cares about people like you?			
WARNOCKCARES	**Frequency**	**Weighted Frequency**	**Weighted Percent**
(1) Yes	2,375	2,255	49.39
(2) No	2,115	2,210	48.41
(99) DON'T KNOW/SKIPPED/REFUSED (VOL)	75	101	2.20
Total	4,565	4,565	100.00

LOEFFLERCARES. Would you say Kelly Loeffler cares about people like you?			
LOEFFLERCARES	**Frequency**	**Weighted Frequency**	**Weighted Percent**
(1) Yes	1,861	1,994	43.68
(2) No	2,612	2,442	53.50
(99) DON'T KNOW/SKIPPED/REFUSED (VOL)	92	128	2.81
Total	4,565	4,565	100.00

STOCKS. How concerned are you about allegations that David Perdue and Kelly Loeffler engaged in insider stock trading?			
STOCKS	**Frequency**	**Weighted Frequency**	**Weighted Percent**
(1) Very concerned	1,659	1,423	31.16
(2) Somewhat concerned	939	1,079	23.64
(3) Not too concerned	835	956	20.95
(4) Not at all concerned	1,100	1,062	23.27
(99) DON'T KNOW/SKIPPED/REFUSED (VOL)	32	45	0.98
Total	4,565	4,565	100.00

RACERES. Do you think the pace of civil rights in the United States is going too slow, too fast, or about right?			
RACERES	**Frequency**	**Weighted Frequency**	**Weighted Percent**
(1) Too slow	2,213	2,116	46.35
(2) Too fast	661	778	17.04
(3) About right	1,665	1,629	35.69
(99) DON'T KNOW/SKIPPED/REFUSED (VOL)	26	42	0.91
Total	4,565	4,565	100.00

GENTRUST. Generally speaking, would you say that most people can be trusted or that you cannot be too careful in dealing with people?			
GENTRUST	**Frequency**	**Weighted Frequency**	**Weighted Percent**
(1) Most people can be trusted	1,908	1,716	37.60
(2) You cannot be too careful in dealing with people	2,652	2,841	62.24
(99) DON'T KNOW/SKIPPED/REFUSED (VOL)	5	7	0.16
Total	4,565	4,565	100.00

RELIGCONFIDENCE. As far as the people running these institutions are concerned, would you say you have a great deal of confidence, only some confidence, or hardly any confidence at all in them? Organized religion			
RELIGCONFIDENCE	**Frequency**	**Weighted Frequency**	**Weighted Percent**
(1) Great deal of confidence	1,022	1,038	22.74
(2) Only some confidence	2,199	2,286	50.08
(3) Hardly any confidence at all	1,325	1,203	26.35
(99) DON'T KNOW/SKIPPED/REFUSED (VOL)	19	38	0.83
Total	4,565	4,565	100.00

PRESSCONFIDENCE. As far as the people running these institutions are concerned, would you say you have a great deal of confidence, only some confidence, or hardly any confidence at all in them? The press			
PRESSCONFIDENCE	**Frequency**	**Weighted Frequency**	**Weighted Percent**
(1) Great deal of confidence	732	654	14.33
(2) Only some confidence	1,676	1,736	38.03
(3) Hardly any confidence at all	2,150	2,169	47.52
(99) DON'T KNOW/SKIPPED/REFUSED (VOL)	7	6	0.12
Total	4,565	4,565	100.00

SCIENCECONFIDENCE. As far as the people running these institutions are concerned, would you say you have a great deal of confidence, only some confidence, or hardly any confidence at all in them? The scientific community			
SCIENCECONFIDENCE	**Frequency**	**Weighted Frequency**	**Weighted Percent**
(1) Great deal of confidence	1,954	1,664	36.46
(2) Only some confidence	1,940	2,085	45.66
(3) Hardly any confidence at all	658	789	17.28
(99) DON'T KNOW/SKIPPED/REFUSED (VOL)	13	28	0.60
Total	4,565	4,565	100.00

GOVTCONFIDENCE. As far as the people running these institutions are concerned, would you say you have a great deal of confidence, only some confidence, or hardly any confidence at all in them? The federal government			
GOVTCONFIDENCE	**Frequency**	**Weighted Frequency**	**Weighted Percent**
(1) Great deal of confidence	414	515	11.28
(2) Only some confidence	2,469	2,368	51.88
(3) Hardly any confidence at all	1,672	1,660	36.37
(99) DON'T KNOW/SKIPPED/REFUSED (VOL)	10	22	0.48
Total	4,565	4,565	100.00

MEDIAFAIR. In presenting the news dealing with political and social issues, do you think that the news media deal fairly with all sides, or do they tend to favor one side?			
MEDIAFAIR	**Frequency**	**Weighted Frequency**	**Weighted Percent**
(1) The news media deal fairly with all sides	1,261	1,397	30.59
(2) The news media tend to favor one side	3,285	3,149	68.99
(99) DON'T KNOW/SKIPPED/REFUSED (VOL)	19	19	0.42
Total	4,565	4,565	100.00

VOTE20. In talking to people about elections, we often find that a lot of people were not able to vote because they were not registered, they were sick, or they just did not have time. Which one of the following statements best describes you?			
VOTE20	**Frequency**	**Weighted Frequency**	**Weighted Percent**
(1) Voted in 2020 election	3,808	2,920	63.96
(2) Did not vote in 2020 election	756	1,644	36.02
(99) DON'T KNOW/SKIPPED/REFUSED (VOL)	1	1	0.02
Total	4,565	4,565	100.00

VOTE20CHOICE. Did you vote in the 2020 presidential election for Donald Trump, Joe Biden, or someone else?

VOTE20CHOICE	Frequency	Weighted Frequency	Weighted Percent
(1) Joe Biden	1,958	1,426	31.24
(2) Donald Trump	1,671	1,363	29.86
(3) Another candidate	113	39	0.85
(4) Did not vote in this race	795	1,682	36.84
(99) DON'T KNOW/SKIPPED/REFUSED (VOL)	28	56	1.22
Total	4,565	4,565	100.00

VOTE20CHOICESEN. In the 2020 election for U.S. Senate, did you vote for Jon Ossoff, David Perdue, or someone else?

VOTE20CHOICESEN	Frequency	Weighted Frequency	Weighted Percent
(1) Jon Ossoff	1,892	1,373	30.08
(2) David Perdue	1,663	1,299	28.46
(3) Someone else	120	79	1.73
(4) Did not vote in this race	852	1,757	38.48
(99) DON'T KNOW/SKIPPED/REFUSED (VOL)	38	57	1.24
Total	4,565	4,565	100.00

VOTE20CHOICESENSP. In the 2020 special election for U.S. Senate, did you vote for Raphael Warnock, Kelly Loeffler, or someone else?

VOTE20CHOICESENSP	Frequency	Weighted Frequency	Weighted Percent
(1) Raphael Warnock	1,858	1,343	29.41
(2) Kelly Loeffler	1,493	1,176	25.77
(3) Someone else	312	224	4.90
(4) Did not vote in this race	865	1,768	38.72
(99) DON'T KNOW/SKIPPED/REFUSED (VOL)	37	55	1.20
Total	4,565	4,565	100.00

VOTE18. What about voting in the 2018 midterm election? Which one of the following statements best describes you?			
VOTE18	**Frequency**	**Weighted Frequency**	**Weighted Percent**
(1) Voted in 2018 midterm election	3,013	2,284	50.03
(2) Did not vote in 2018 midterm election	1,545	2,272	49.78
(99) DON'T KNOW/SKIPPED/REFUSED (VOL)	7	9	0.19
Total	4,565	4,565	100.00

VOTE18CHOICE. In the 2018 election for United States House of Representatives, did you vote for the Democratic candidate, the Republican candidate, or someone else?			
VOTE18CHOICE	**Frequency**	**Weighted Frequency**	**Weighted Percent**
.	7	9	0.19
(1) Democratic candidate for Congress	1,417	1,047	22.93
(2) Republican candidate for Congress	1,453	1,129	24.72
(3) Someone else	118	73	1.61
(4) Did not vote	1,545	2,272	49.78
(99) DON'T KNOW/SKIPPED/REFUSED (VOL)	25	35	0.77
Total	4,565	4,565	100.00

PARTYVOTING. Think about elections in which you have voted, including national and statewide elections. Would you say you...			
PARTYVOTING	**Frequency**	**Weighted Frequency**	**Weighted Percent**
(1) Always vote Republican	833	886	19.41
(2) Usually vote Republican	973	959	21.00
(3) Vote about equally for both parties	670	619	13.55
(4) Usually vote Democratic	902	790	17.30
(5) Always vote Democratic	894	917	20.09
(6) Never vote	281	383	8.40
(99) DON'T KNOW/SKIPPED/REFUSED (VOL)	12	11	0.25
Total	4,565	4,565	100.00

CIVICENG_A. [A school group, neighborhood, or community association such as PTA or neighborhood watch group?] Below is a list of types of groups or organizations in which people sometimes participate. Have you participated in any of these groups during the last 12 months, that is since January 2020, or not?

CIVICENG_A	Frequency	Weighted Frequency	Weighted Percent
(1) Yes	1,148	1,176	25.75
(2) No	3,412	3,384	74.13
(99) DON'T KNOW/SKIPPED/REFUSED (VOL)	5	5	0.11
Total	4,565	4,565	100.00

CIVICENG_B. [A service or civic organization such as American Legion or Lions Club?] Below is a list of types of groups or organizations in which people sometimes participate. Have you participated in any of these groups during the last 12 months, that is since January 2020, or not?

CIVICENG_B	Frequency	Weighted Frequency	Percent
(1) Yes	688	805	17.64
(2) No	3,873	3,757	82.30
(99) DON'T KNOW/SKIPPED/REFUSED (VOL)	4	3	0.05
Total	4,565	4,565	100.00

CIVICENG_C. [A church, synagogue, mosque, or other religious institution or organization, not including your attendance at religious services?] Below is a list of types of groups or organizations in which people sometimes participate. Have you participated in any of these groups during the last 12 months, that is since January 2020, or not?

CIVICENG_C	Frequency	Weighted Frequency	Percent
(1) Yes	1,459	1,526	33.42
(2) No	3,101	3,033	66.43
(99) DON'T KNOW/SKIPPED/REFUSED (VOL)	5	7	0.15
Total	4,565	4,565	100.00

CIVICENG_D. [A political party, political groups, political associations or a political campaign?] Below is a list of types of groups or organizations in which people sometimes participate. Have you participated in any of these groups during the last 12 months, that is since January 2020 or not?			
CIVICENG_D	**Frequency**	**Weighted Frequency**	**Percent**
(1) Yes	794	856	18.75
(2) No	3,767	3,704	81.15
(99) DON'T KNOW/SKIPPED/REFUSED (VOL)	4	5	0.11
Total	4,565	4,565	100.00

WNV. Which of the following is the biggest thing that might prevent you from voting in this election?			
WNV	**Frequency**	**Weighted Frequency**	**Percent**
.	4,188	3,799	83.23
(1) I do not like the candidates	62	135	2.97
(2) I do not like politics generally	91	170	3.73
(3) It takes too much time to vote	18	48	1.05
(4) I do not know enough about the candidate positions	46	103	2.26
(5) My vote does not matter	56	100	2.20
(6) I do not have the required identification	30	55	1.20
(7) I do not know where to vote	16	43	0.93
(8) I am concerned about being exposed to the coronavirus	54	97	2.13
(99) DON'T KNOW/SKIPPED/REFUSED (VOL)	4	14	0.30
Total	4,565	4,565	100.00

GENDER. Do you describe yourself as a man, a woman, or in some other way?			
GENDER	**Frequency**	**Weighted Frequency**	**Percent**
(1) Men	1,936	2,103	46.08
(2) Women	2,577	2,396	52.49
(3) Other	44	57	1.25
(99) DON'T KNOW/SKIPPED/REFUSED (VOL)	8	8	0.18
Total	4,565	4,565	100.00

AGE65. What is your age?			
AGE65	**Frequency**	**Weighted Frequency**	**Percent**
(1) 18-24	582	749	16.40
(2) 25-29	353	404	8.84
(3) 30-39	790	873	19.13
(4) 40-49	686	710	15.56
(5) 50-64	1,100	1,045	22.89
(6) 65+	1,042	771	16.90
(99) DON'T KNOW/SKIPPED/REFUSED (VOL)	12	13	0.29
Total	4,565	4,565	100.00

RACETH5. Race/Ethnicity			
RACETH5	**Frequency**	**Weighted Frequency**	**Percent**
(1) White	2,942	2,598	56.92
(2) African American or Black	861	1,512	33.12
(3) Latino or Hispanic	330	210	4.61
(4) Asian	142	74	1.62
(5) Other	276	155	3.39
(99) DON'T KNOW/SKIPPED/REFUSED (VOL)	14	16	0.34
Total	4,565	4,565	100.00

EDUC. Which best describes your level of education?			
EDUC	**Frequency**	**Weighted Frequency**	**Percent**
(1) High school or less	998	1,638	35.88
(2) Some college/assoc. degree	1,390	1,447	31.69
(3) College graduate	1,206	923	20.21
(4) Postgraduate study	967	551	12.06
(99) DON'T KNOW/SKIPPED/REFUSED (VOL)	4	7	0.15
Total	4,565	4,565	100.00

INCOME. In which of these categories is your total yearly household income, that is, of everyone living in your family household? Was your total household income in 2019...			
INCOME	**Frequency**	**Weighted Frequency**	**Percent**
(1) Under $25,000	718	1,001	21.94
(2) $25,000-$49,999	1,013	1,084	23.75
(3) $50,000-$74,999	913	950	20.82
(4) $75,000-$99,999	718	638	13.97
(5) $100,000 or more	1,148	825	18.07
(99) DON'T KNOW/SKIPPED/REFUSED (VOL)	55	67	1.47
Total	4,565	4,565	100.00

IDEO5. Generally speaking, do you consider yourself to be a liberal, moderate, or conservative?			
IDEO5	**Frequency**	**Weighted Frequency**	**Percent**
(1) Very liberal	528	505	11.06
(2) Somewhat liberal	720	612	13.40
(3) Moderate	1,630	1,806	39.55
(4) Somewhat conservative	892	843	18.47
(5) Very conservative	774	763	16.72
(99) DON'T KNOW/SKIPPED/REFUSED (VOL)	21	36	0.80
Total	4,565	4,565	100.00

PARTY. Generally speaking, do you consider yourself a Democrat, a Republican, or don't you consider yourself either?			
PARTY	**Frequency**	**Weighted Frequency**	**Percent**
(1) Democrat	1,712	1,678	36.75
(2) Republican	1,617	1,792	39.26
(3) Neither	1,232	1,089	23.85
(99) DON'T KNOW/SKIPPED/REFUSED (VOL)	4	6	0.13
Total	4,565	4,565	100.00

PARTYFULL. Generally speaking, do you consider yourself a Democrat, a Republican, or don't you consider yourself either? Would you say you are closer to the Democrats, to the Republicans, or do you not lean toward either?			
PARTYFULL	**Frequency**	**Weighted Frequency**	**Percent**
(1) Democrat/Lean Dem	2,057	1,946	42.62
(2) Republican/Lean Rep	1,968	2,213	48.48
(3) Independent	540	406	8.90
Total	4,565	4,565	100.00

SIZEPLACE. Which of the following best describes the area where you live?			
SIZEPLACE	**Frequency**	**Weighted Frequency**	**Percent**
(1) Urban	731	732	16.04
(2) Suburban	2,301	2,040	44.68
(3) Small town	661	791	17.34
(4) Rural	865	986	21.61
(99) DON'T KNOW/SKIPPED/REFUSED (VOL)	7	15	0.34
Total	4,565	4,565	100.00

RESIDENCY. How long have you lived in your state?			
RESIDENCY	**Frequency**	**Weighted Frequency**	**Percent**
(1) Less than a year	88	92	2.02
(2) 1-5 years	482	483	10.58
(3) 6-10 years	460	495	10.85
(4) 11-20 years	765	770	16.88
(5) More than 20 years	2,759	2,707	59.30
(99) DON'T KNOW/SKIPPED/REFUSED (VOL)	11	17	0.38
Total	4,565	4,565	100.00

BORNAGAINSTATE. Would you describe yourself as a born-again or evangelical Christian, or not?			
BORNAGAINSTATE	**Frequency**	**Weighted Frequency**	**Percent**
(1) Yes, evangelical/born-again Christian	1,998	2,205	48.31
(2) No	2,541	2,318	50.78
(99) DON'T KNOW/SKIPPED/REFUSED (VOL)	26	42	0.91
Total	4,565	4,565	100.00

Appendix A – Likely Voter Models

Respondents are classified as voters based on the following criteria:

- The respondent says they will definitely vote to LVB and they are certain they will vote to LV; or

- The respondent says they will probably or definitely vote to LVB, they score an 8 or higher on likelihood to vote to LV, and they voted in the 2018 midterm election or they voted in the 2020 presidential election; or

- The respondent says they already voted to LVB or LV.