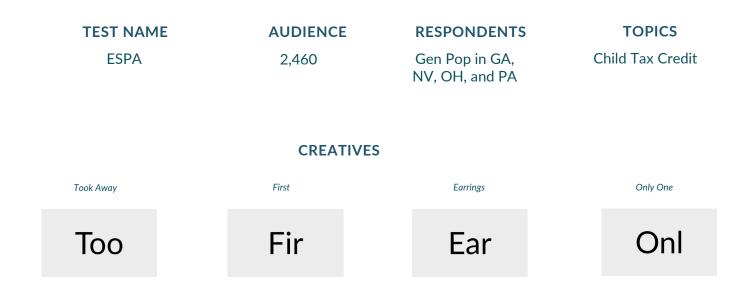
Creative Focus

Economic Security Project Action August 01, 2022

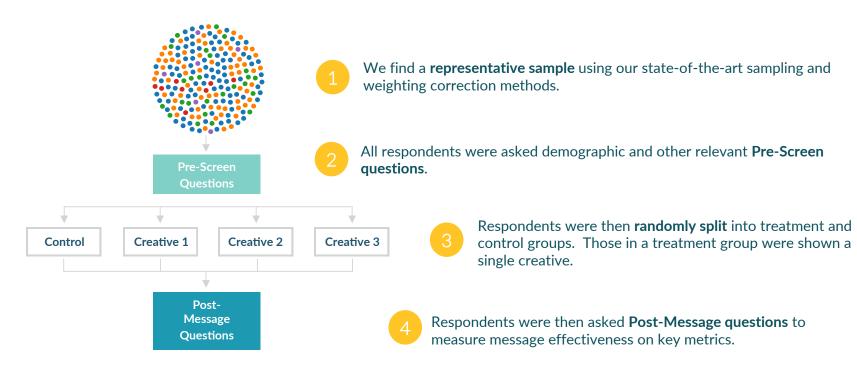
Summary





Methodology

How does the test work?





Methodology

What questions were asked?

Pre-Screen

- Race
- Gender
- Education
- Income
- Ideology
- Partisanship
- Age
- Urbanicity
- Voter Reliability
- Parents

How important is it to you that the Child Tax Credit continues?

Post-Message

- How effective do you think the Child Tax Credit is in helping poor, working, and middle class families with children?
- Which party do you think is most supportive of bringing back the Child Tax Credit?
- Which party do you trust more to support families?
- Which candidate does a better job at handling issues that affect families like yours?
- Thinking ahead, if the 2022 US Senate election in [STATE] was held tomorrow, would you vote for [Democratic candidate] or [Republican candidate]?



Guide to Analysis

How do I interpret the results?

For each survey question, we can determine the average effect each treatment has on the respondents by comparing their answers to the control group's answers.

GROUP Message A Kev Metric GROUP A -2%

Shaded areas

Represent the margin of error, or a likely range of outcomes.

Dashed line

Represents the control baseline that ATEs are compared against. These baselines are how the control group answered, so will change depending on the question being asked.

The incremental gain over the control group.

An ATE can be positive or

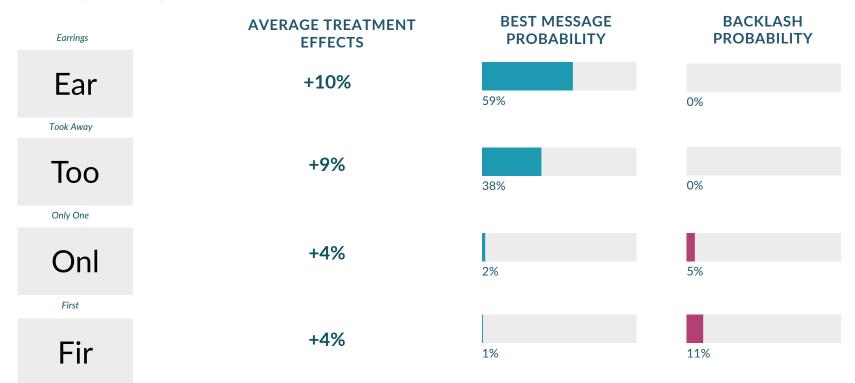
Average treatment effect (ATE)

negative. Backlash is a negative reaction to a piece of creative.



Key Findings: Candidate Handles Family Issues

How did my creative perform overall?





Key Findings: Candidate Vote Choice

How did my creative perform overall?

Earrings	AVERAGE TREATMENT EFFECTS	BEST MESSAGE PROBABILITY	BACKLASH PROBABILITY
Ear	+7%	52%	0%
First			
Fir	+6%	25%	1%
Only One		2370	170
Onl	+6%	21%	2%
Took Away			_
Too	+2%	3%	18%



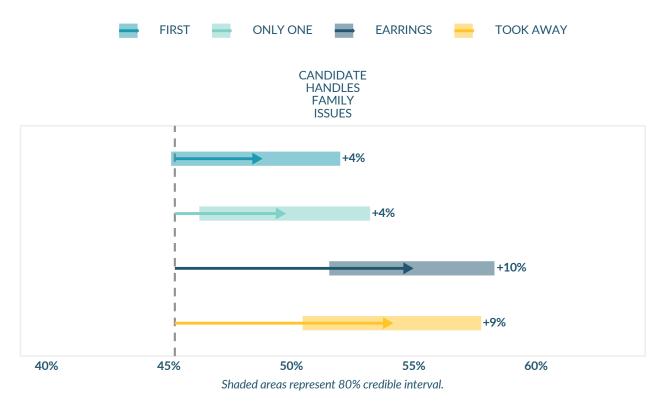
When asked which party is the most supportive of bringing back the Child Tax Credit, the 'Took Away' message had the highest average treatment effect at +5pp. 'First' and 'Only One' were less effective and 'Earrings' had a negative average treatment effect at -1pp and a lot of backlash.



Shaded areas represent 80% credible interval.

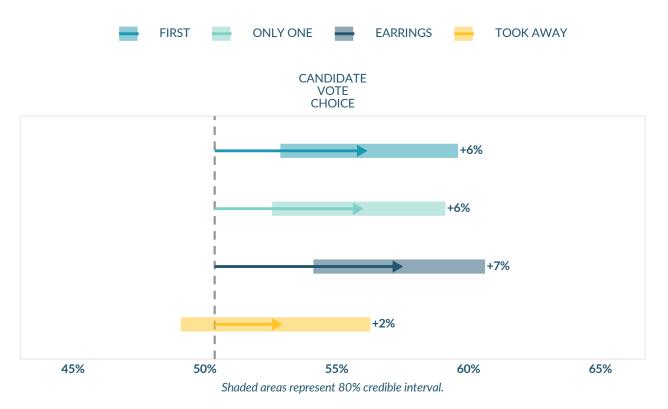


When asked which candidate does a better job at handling issues that affect families, the 'Earrings' message had the highest average treatment effect at +10pp. 'Took Away' also performed very well with an average treatment effect of +9pp. 'Only One' performed positively with +4pp and minimal backlash. 'First' was a little less conclusive and had some backlash.





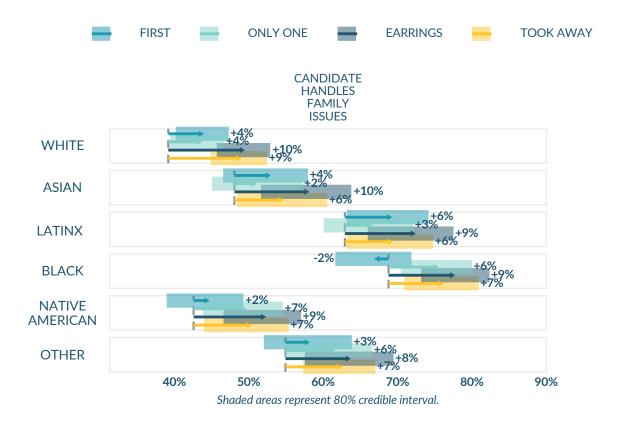
When asked which candidate they would vote for in the upcoming 2022 US Senate election, the 'Earrings' message had the highest average treatment effect at +7pp. 'Only One' and 'First' both performed very well with an average treatment effect of +6pp and minimal backlash. The 'Took Away' message was less conclusive and had more backlash.





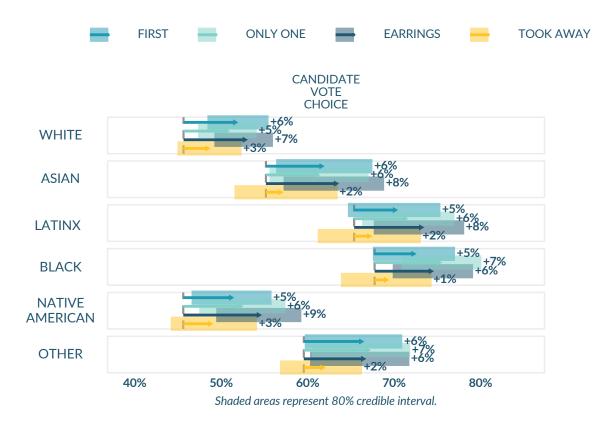
Treatment Effects by Subgroup

RACE



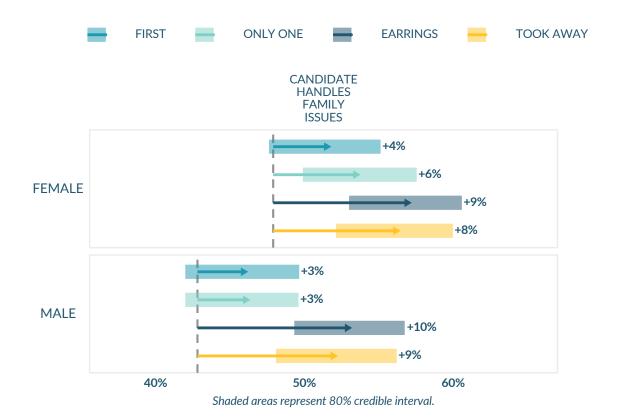


RACE



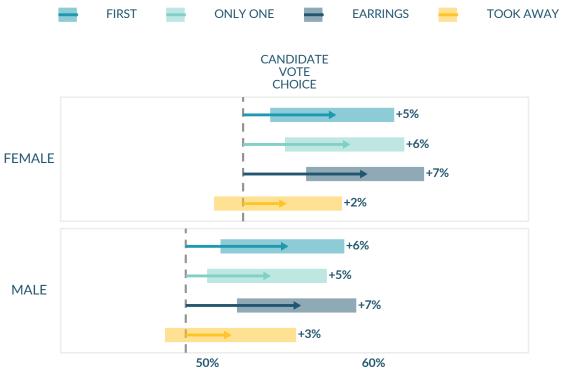


GENDER





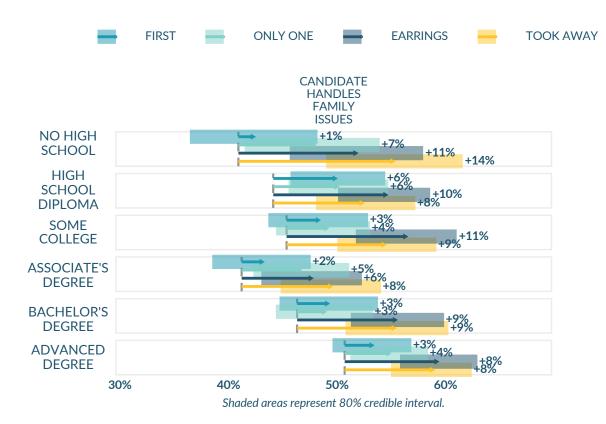
GENDER



Shaded areas represent 80% credible interval.

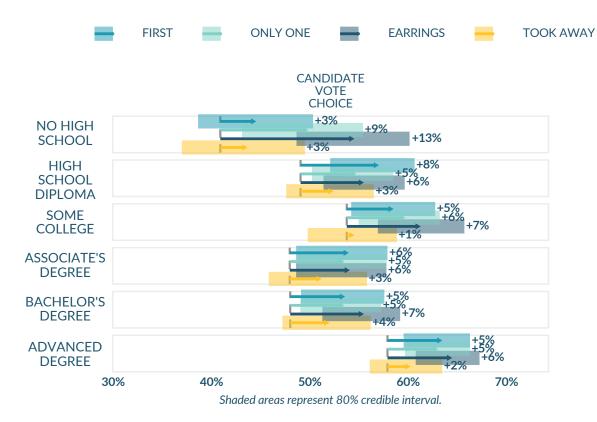


EDUCATION



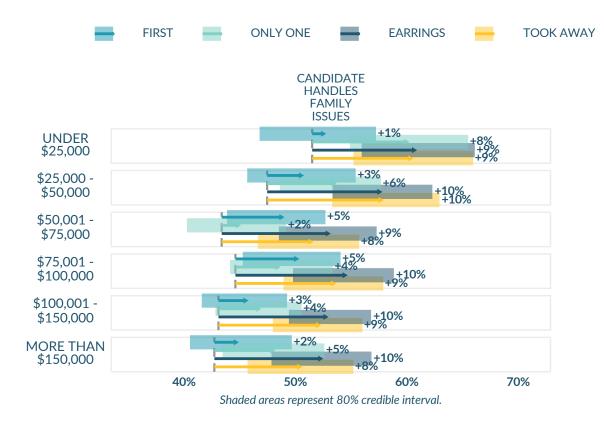


EDUCATION



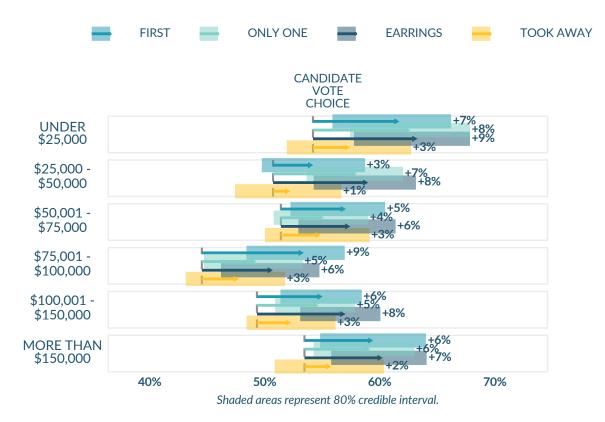


INCOME



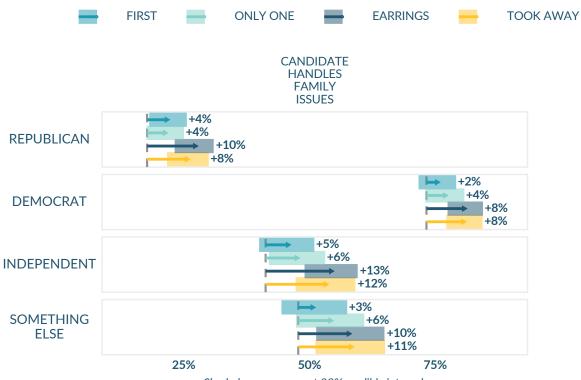


INCOME





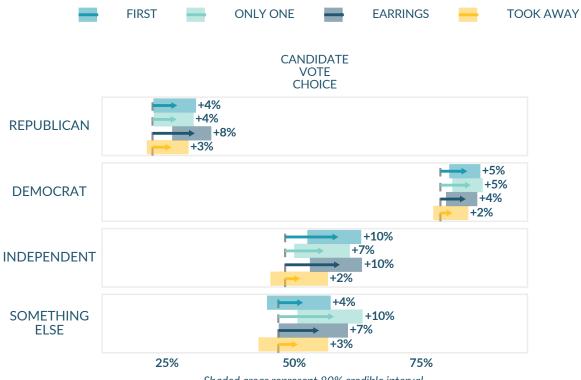
PARTISANSHIP



Shaded areas represent 80% credible interval.



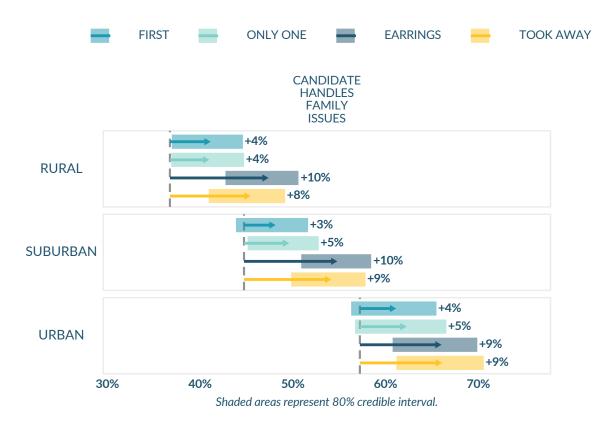
PARTISANSHIP





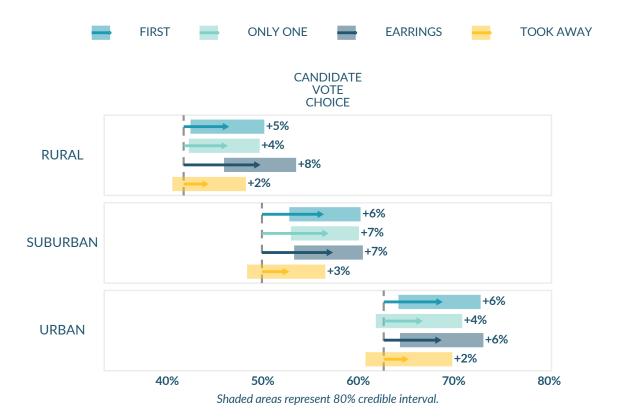


URBANICITY



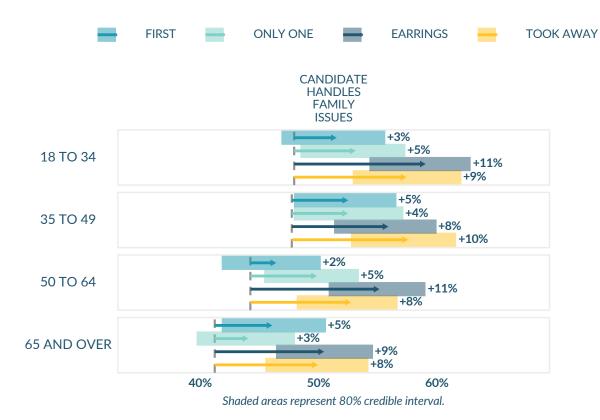


URBANICITY



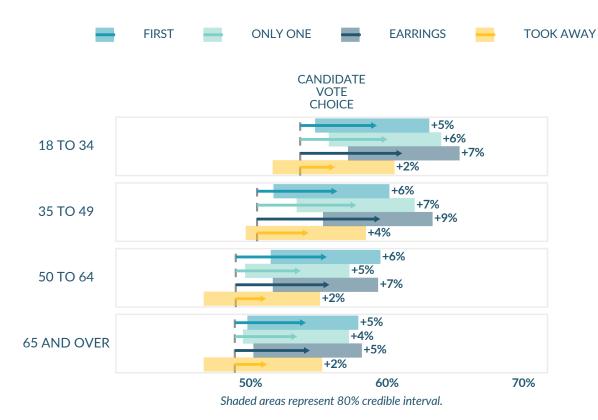


AGE





AGE



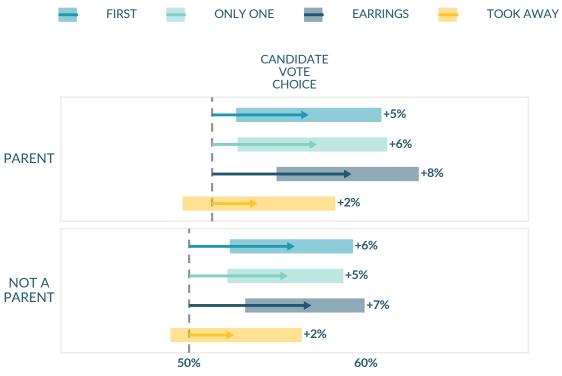


PARENT





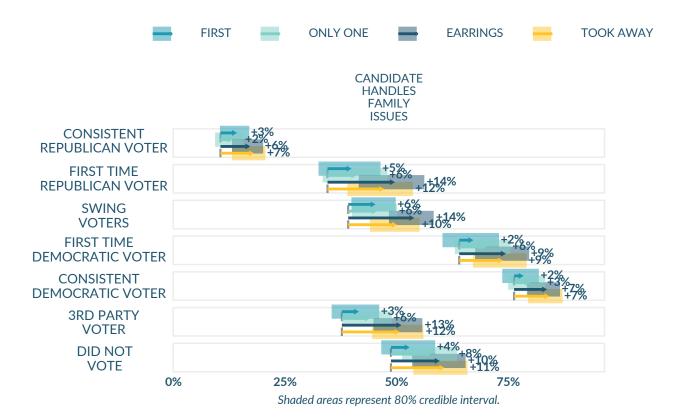
PARENT



Shaded areas represent 80% credible interval.

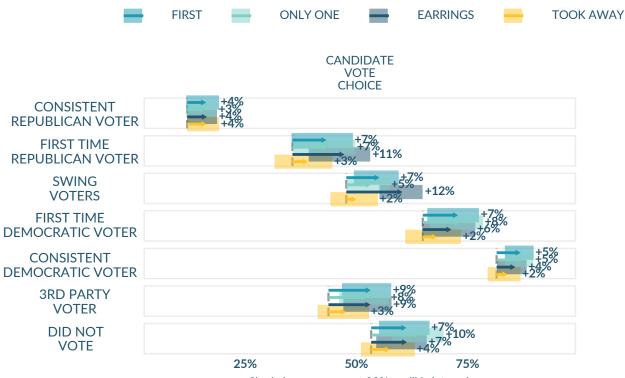


VOTER RELIABILITY





VOTER RELIABILITY







WHITE WOMEN UNDER 50 BY EDUCATION

FIRST

CANDIDATE **HANDLES FAMILY ISSUES** LESS THAN HIGH SCHOOL HIGH SCHOOL GRADUATE **SOME COLLEGE ASSOCIATES DEGREE BACHELORS DEGREE ADVANCED DEGREE** 30% 40% 50% 60% 70%

ONLY ONE

EARRINGS

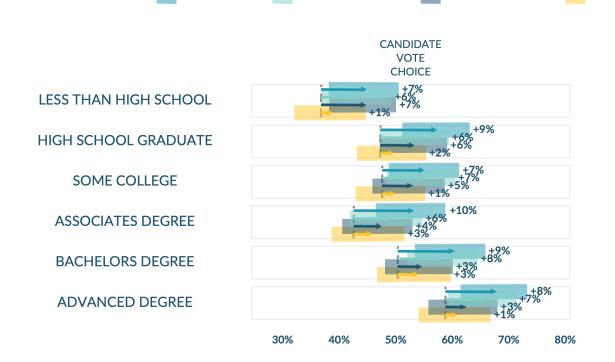
Shaded areas represent 80% credible interval.



TOOK AWAY

WHITE WOMEN UNDER 50 BY EDUCATION

FIRST



ONLY ONE

EARRINGS

Shaded areas represent 80% credible interval.



TOOK AWAY

Creative Focus

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Glossary

Average Treatment Effect (ATE) The difference in probability of endorsing the dependent variable between treatment and control groups.

Baseline The probability of endorsing the dependent variable in the control group.

Backlash A negative treatment effect.

Backlash Probability The probability of a treatment effect is negative (does not sum to 1). The probability is computed across MCMC samples.

Best Message Probability The probability a treatment has the largest treatment effect (sums to 1). This probability is computed across MCMC samples.

Credible Interval The probability the 'true' treatment effect is within this interval. If the interval width is e.g. 80%, then 80% of the time the true treatment effect is within the credible interval given the priors and data. The larger the interval, the more uncertainty an estimate has. The width of the interval decreases as the sample size increases.

A confidence interval is a similar indicator of uncertainty, but is less interpretable: If this study is repeated many times, e.g. 80% of the intervals will contain the 'true' treatment effect.

