Survey Pilot Data

Survey Pilot 1 & 2

#Average, Min, Max Durations (in minutes) of Pilot 1:

[1] 17.29167

[1] 7

[1] 38

#Average, Min, Max Durations (in minutes) of Pilot 2:

- A respondent took a break and came back to finish the survey (started on the 6th, finished on the 7th), was excluded from these.

[1] 14.86957

[1] 6

[1] 33

Descriptives — Emotions & Stigma Measures

Emotions were 0 (none at all) - 10 (a lot)

Stigma measures:

Statements matrix - immigrants or Latinos, shown both matrices

Reverse coded: 1 (strongly disagree) - 5 (strongly agree), higher numbers –> more stigma

1. "Most residents of my state believe that immigrants (Latinos) are a major source of crime."
2. "Politicians in my state often talk negatively about immigrants (Latinos)."
3. "State-level policies in my state treat immigrants (Latinos) unfairly."

Questions on Hypothetical Policy

Affecting each community, reverse-coded 1 (positively affect) to 5 (negatively affect):

1. To what extent do you think this proposed policy would affect the Latino/Hispanic community? (*HypAffectLatino_Community*)

2. To what extent do you think this proposed policy would affect the immigrant community? (*HypAffectImm_Community*)

Affecting them personally, coded 1 (no, same amount) to 4 (yes, much more)

3. If this policy were passed, do you think you would experience more discrimination because of your ethnicity, immigration status, or accent? (*HypPersonallyAffect*)

Likelihood of Hypothetical Policy - coded 1 (not at all likely) to 5 (very likely)

4. How likely do you think that the proposed policy would be enacted in your state? (*HypPolicy_Likely*)

Support Hypothetical Policy - coded 1 (strongly oppose) to 5 (strongly support)

5. Do you support or oppose the proposed policy in your state? (*HypPolicy_Attitudes*)

Group Discrimination Perceptions Coded - 1 (none) to 4 (a lot):

1. How much discrimination is there in the United States today against immigrants?(*GroupDiscImms_Perc*)
2. How much discrimination is there in the United States today against Hispanics?Latinos? (*GroupDiscLatinos_Perc*)

Treatments & Manipulation Check — What did you just read about?

Control Policy - Consider the following policy proposal that could be implemented in your state: A recent policy proposal in your state would create a working group to analyze whether the current state flower should be kept, or whether other native flowers should be designated as the state flower. The proposed working group would invite high school students and those who work in botanical gardens to conduct research on native flowers and submit proposals on their recommendations for the state flower designation.

Treatment (Pro-Immigrant) - Consider the following policy proposal that could be implemented in your state: A recent policy proposal in your state would remove the requirement for hospitals to ask their patients about their immigration status. Opponents argue that the policy is necessary to track what is being spent providing undocumented immigrants with medical care. Supporters argue that it would encourage immigrants to seek medical care, and that the policy will help people access public services.

Treatment (Anti-immigrant) - Consider the following policy proposal that could be implemented in your state: This policy proposal would require hospitals to ask their patients about their immigration status. Supporters argue that the policy is necessary to track what is being spent to provide unauthorized immigrants with medical care to prevent them from "cheating the system." Opponents argue that it would discourage immigrants from seeking medical care, and that the policy is an attempt to scare people into not using public services.

For the question - what did you just read about?

0 - Chose "None of these," "Gun Control," or had a mismatch (ex. chose State Symbols and was not in the control group)

1 - Was in the Control Group and Chose "State Symbols"

2 - Was in either of the Hypothetical Policy Treatment Groups and Chose "Immigration"

3 - Was in either of the Hypothetical Policy Treatment Groups and Chose "Healthcare"

Distribution of Manipulation Check Answers by Treatment Group
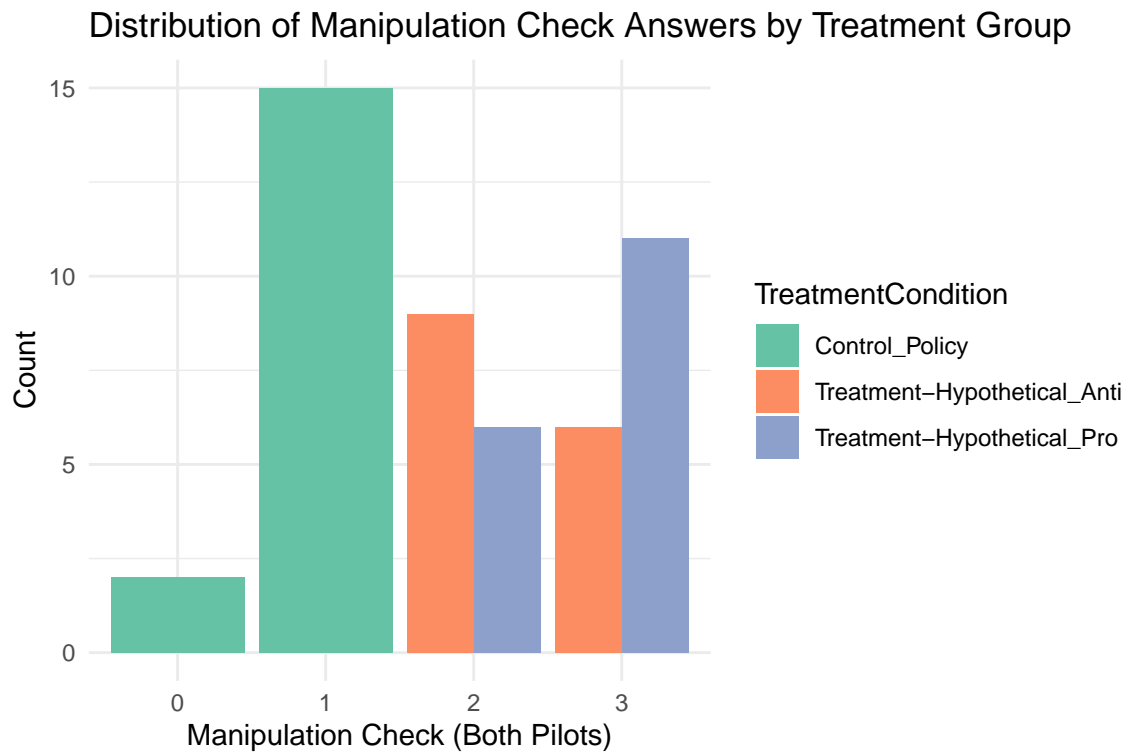
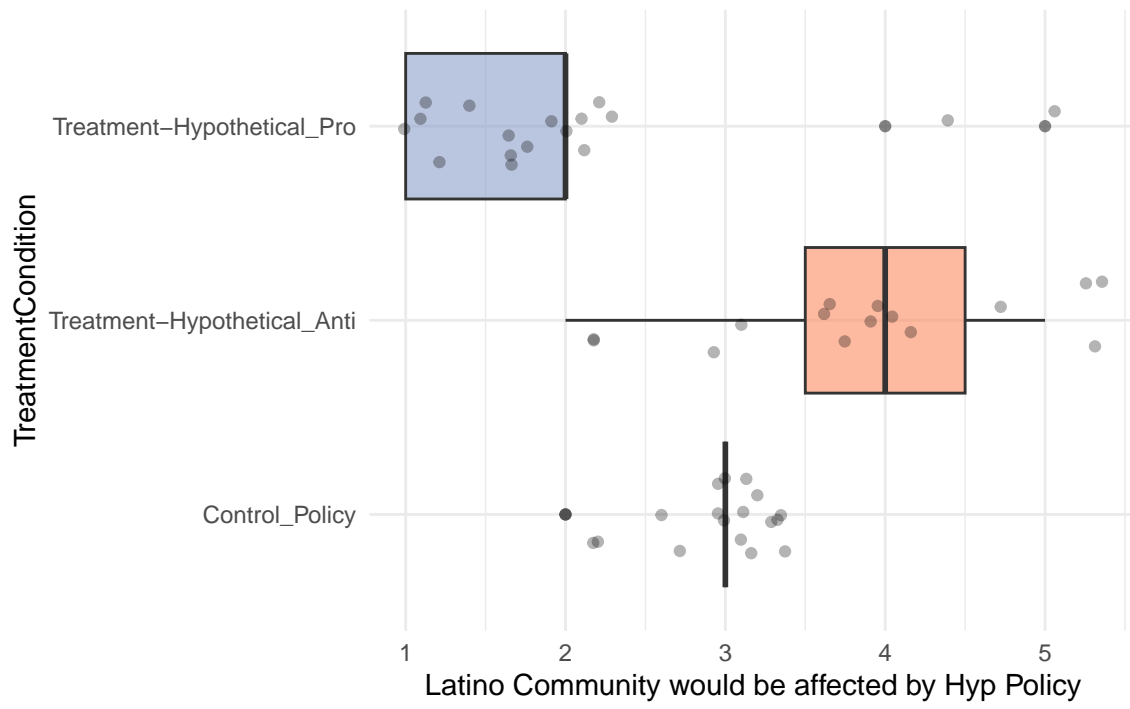Would it affect immigrant / latino community / you ?

Immigrant Community Affected by Treatment
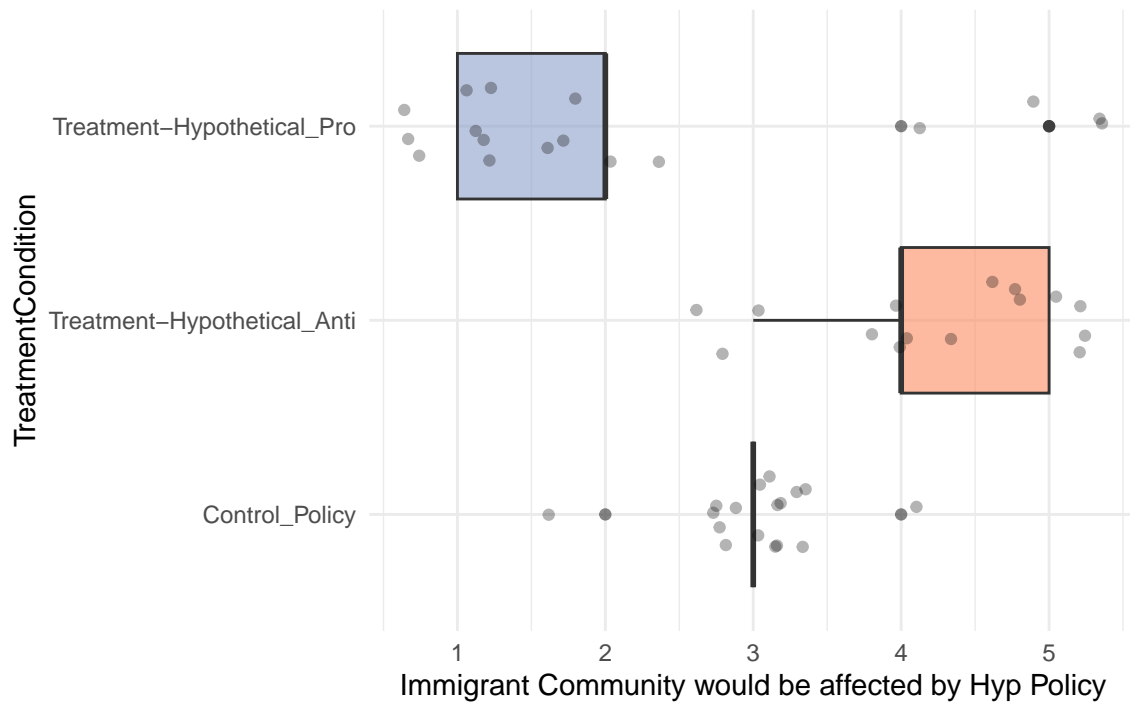
Latino Community Affected by Treatment

Personally Affected, by Treatment
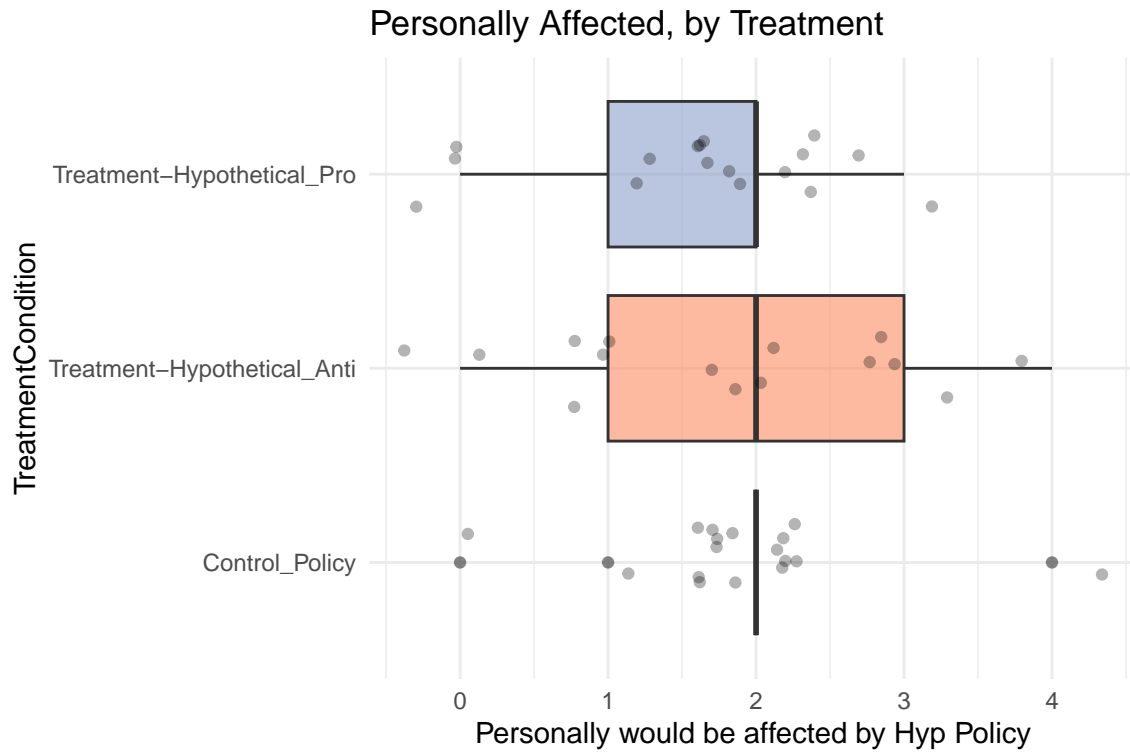
How likely & would you support this policy?

Policy Likely by Treatment
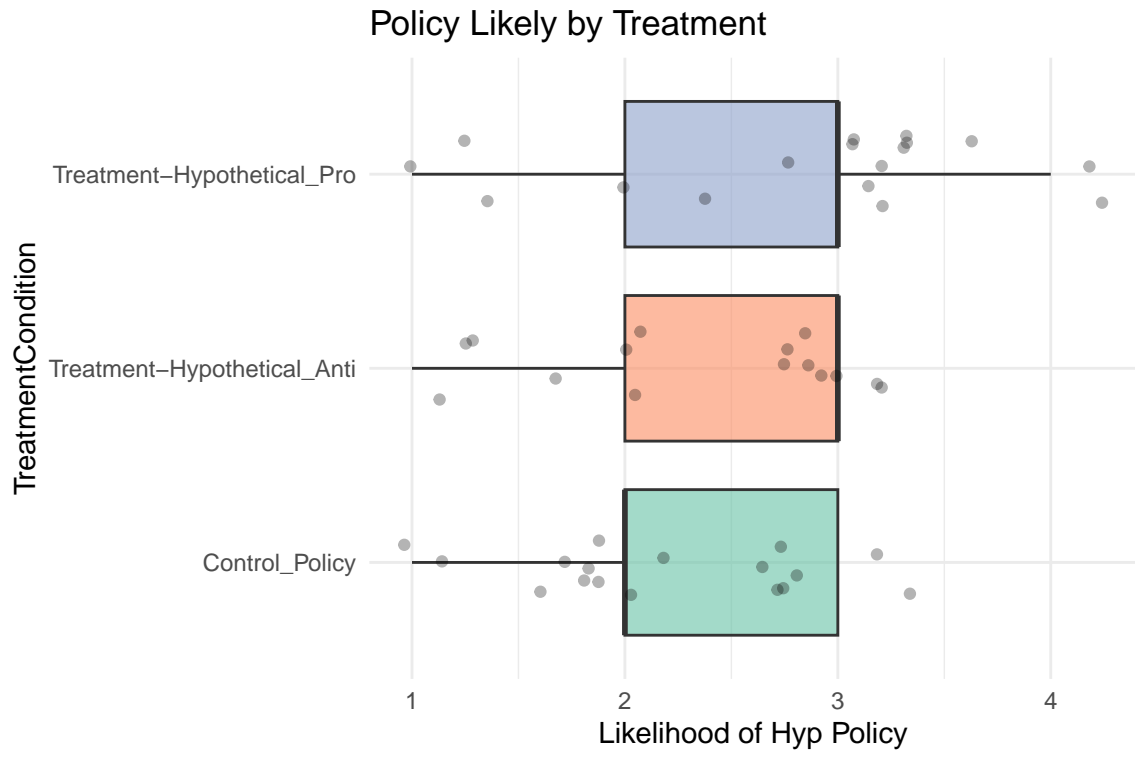
Would Support Policy by Treatment
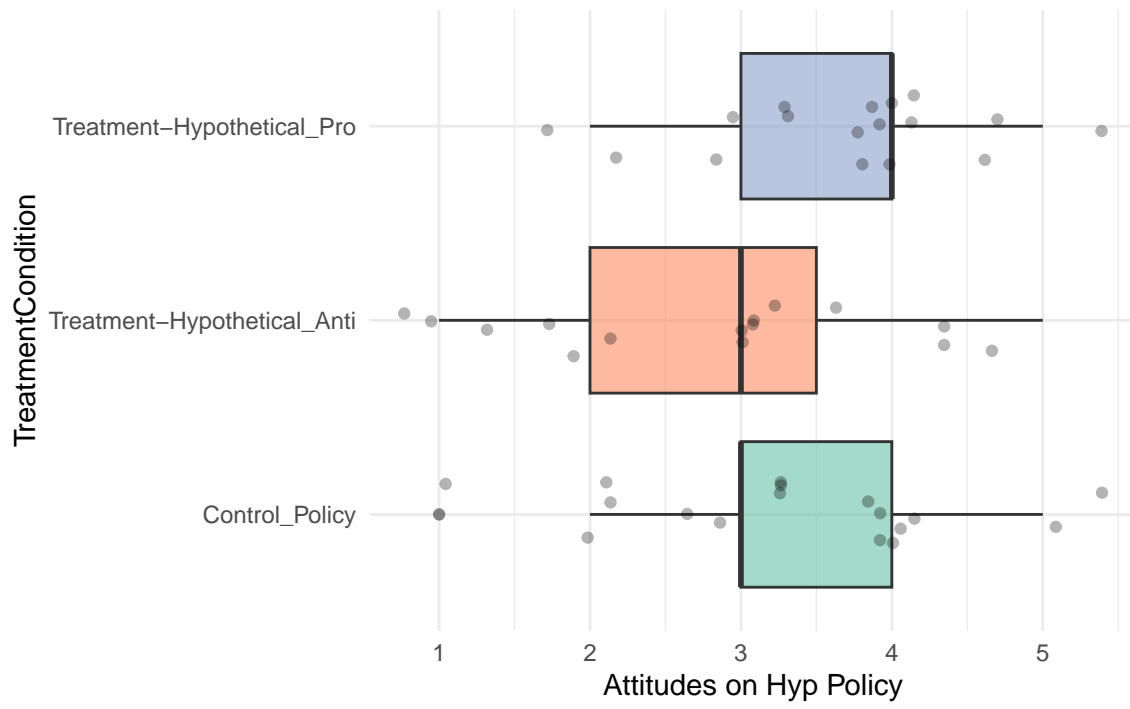
Emotions & Stigma Measures Post-Treatment by Treatment Group

Reported Pride by Treatment

Reported Joy by Treatment

Reported Relief by Treatment

Reported Fear by Treatment
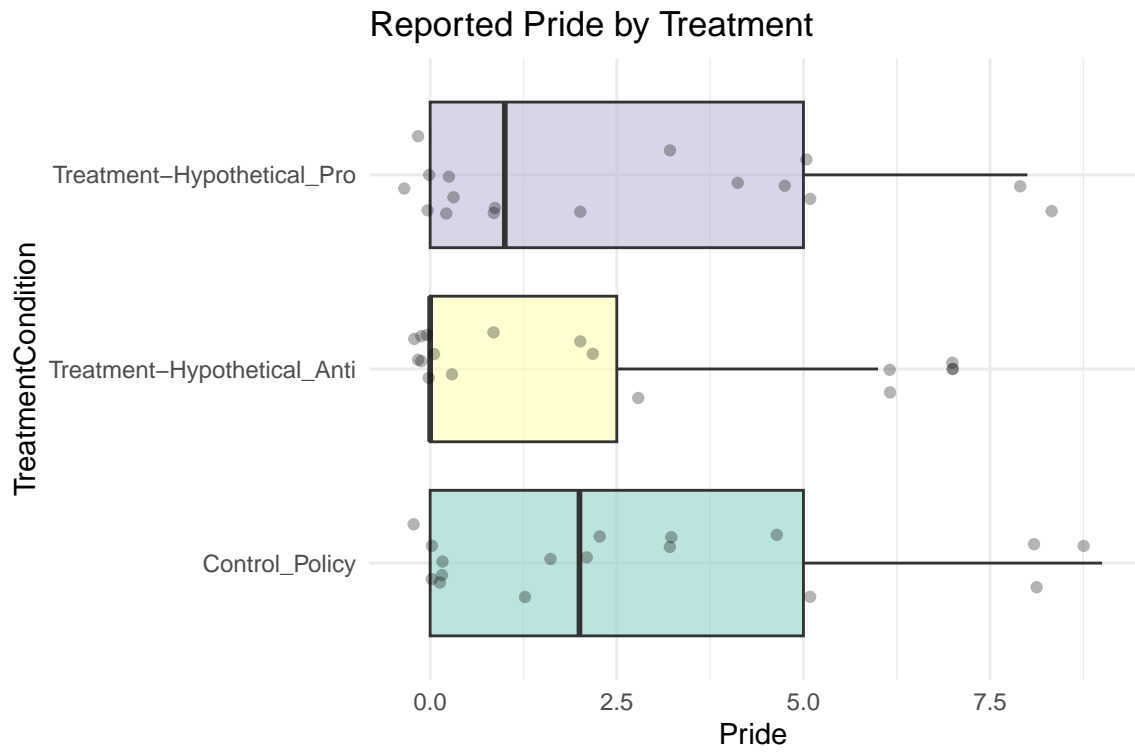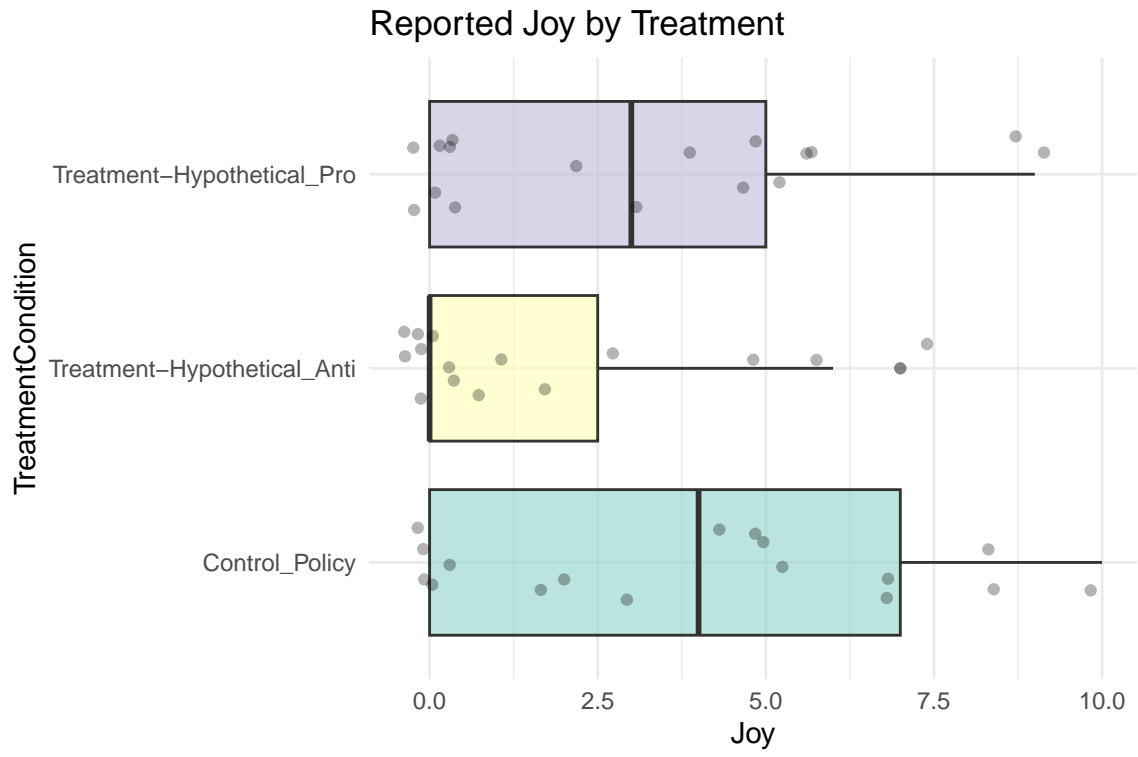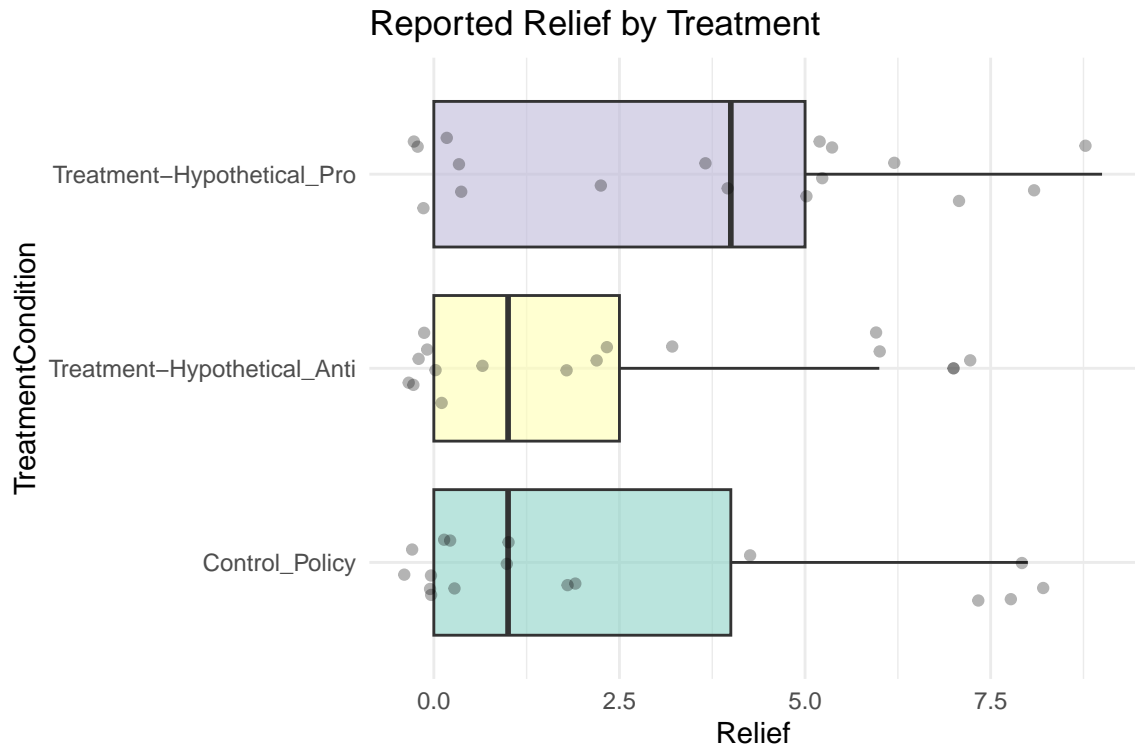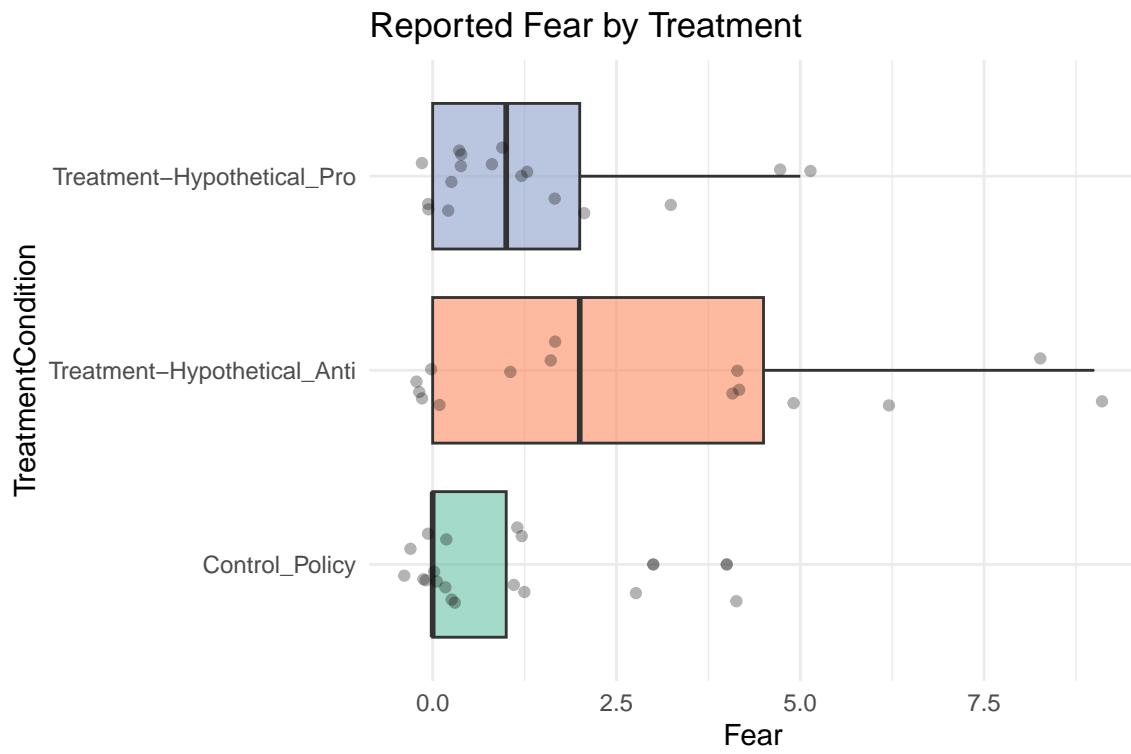
Reported Shame by Treatment

Reported Anger by Treatment
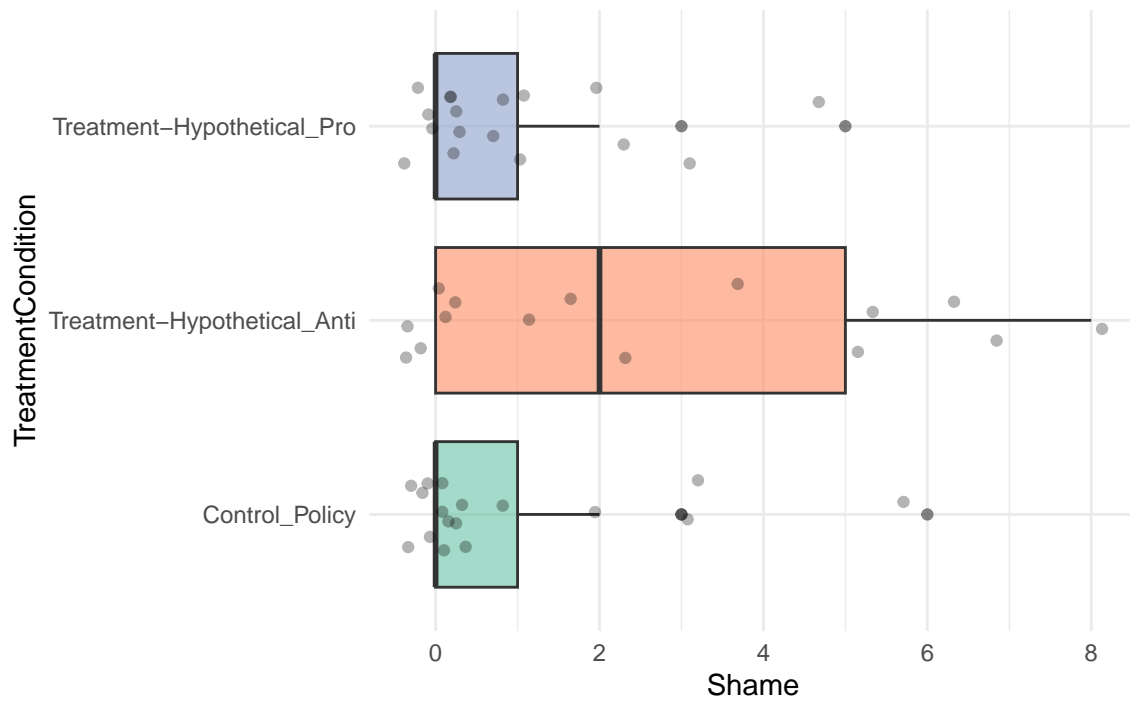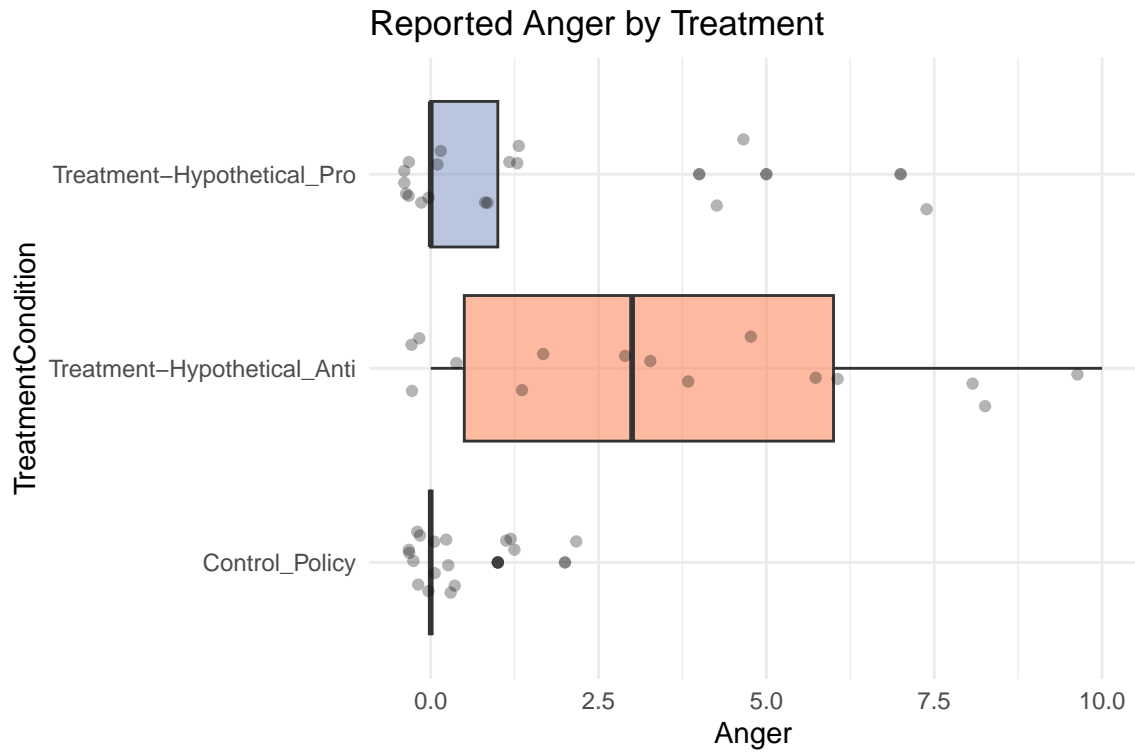
Stigma Measures (Imm Stigma Matrix & Latino Stigma Matrix)

Reported Stigma (1) by Treatment
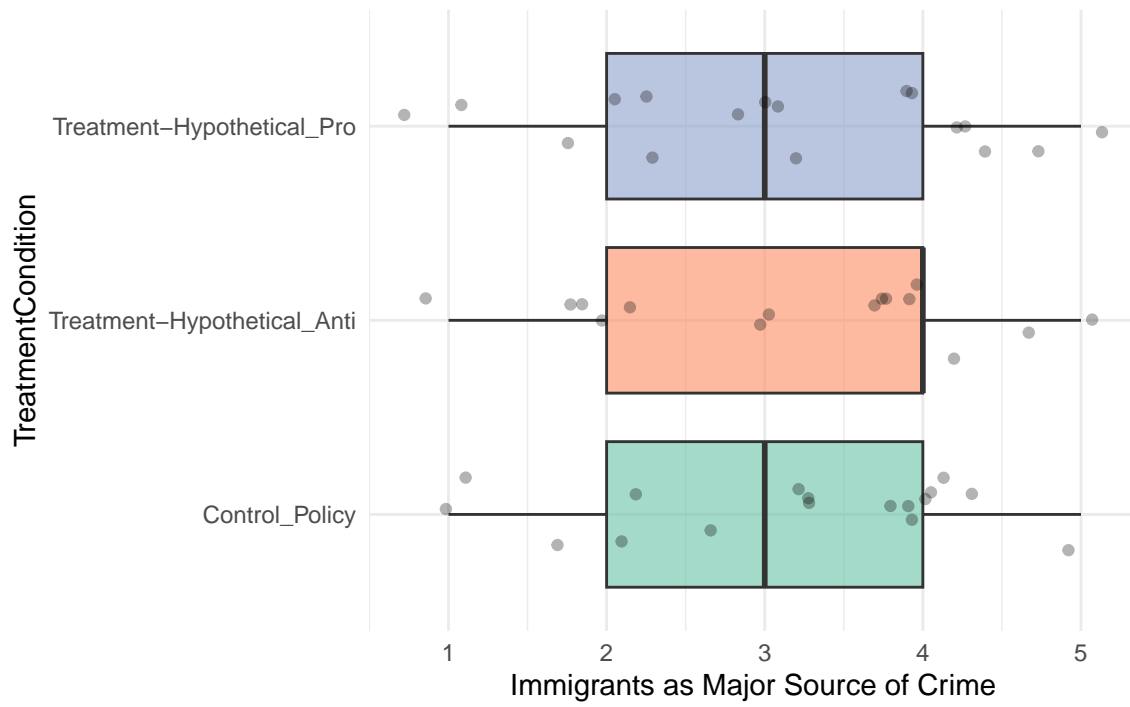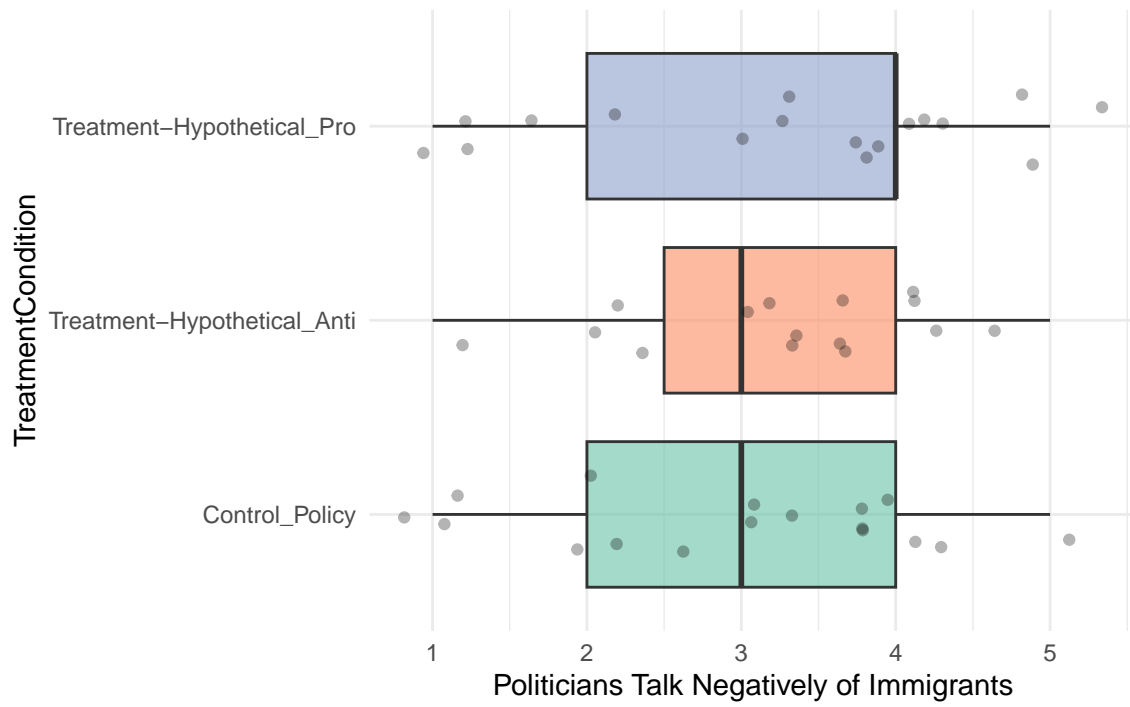
Reported Stigma (2) by Treatment

Reported Stigma (3) by Treatment

Reported Stigma (1) by Treatment
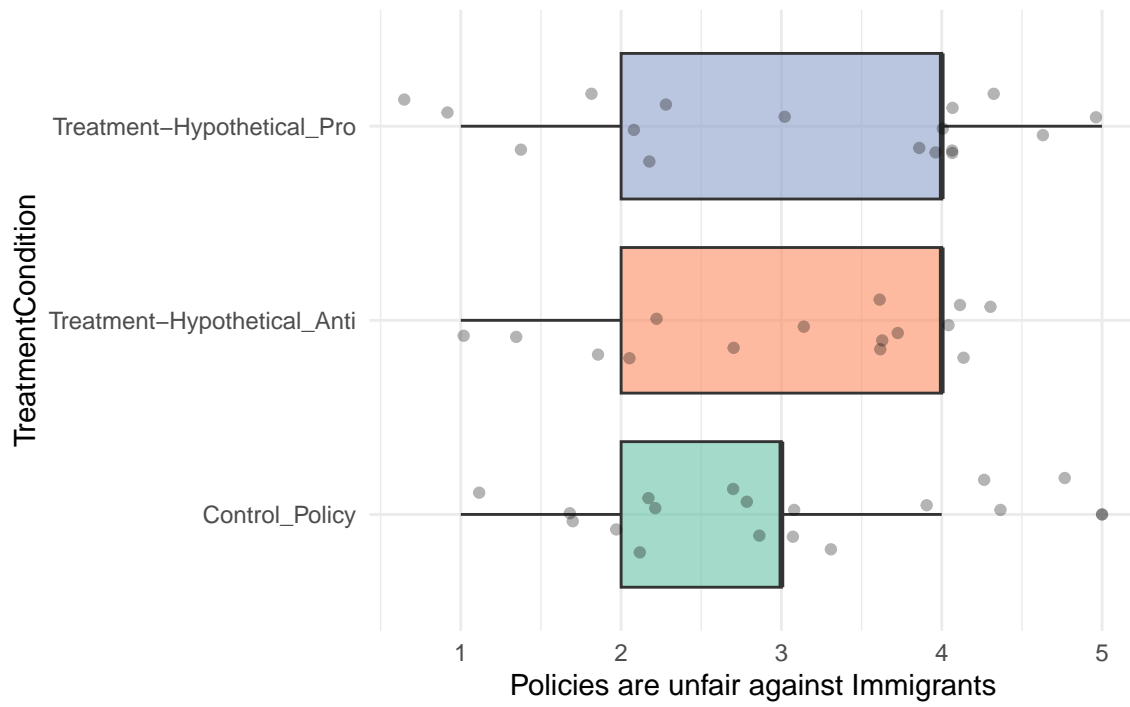
Reported Stigma (2) by Treatment
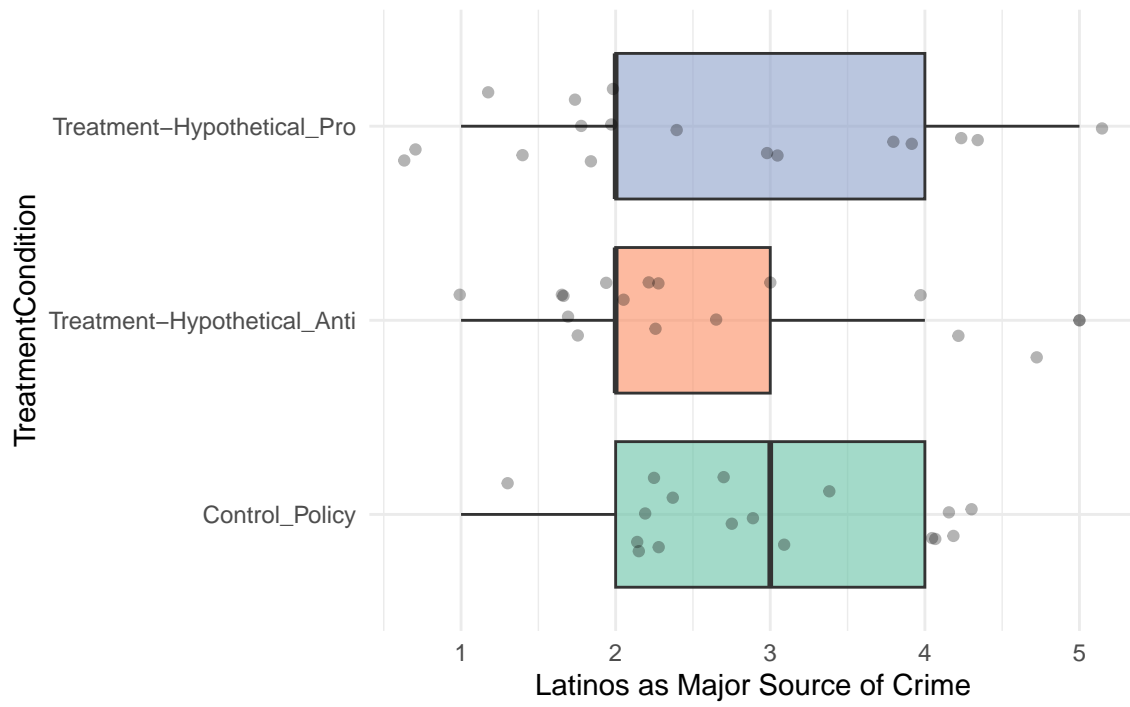
Reported Stigma (3) by Treatment
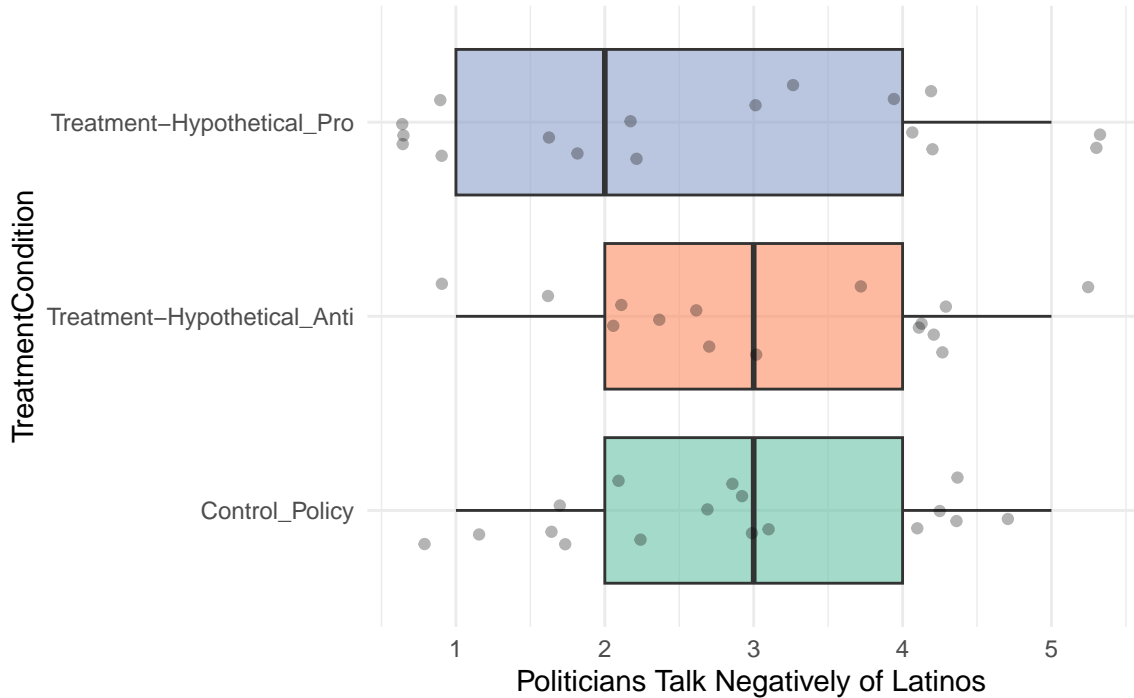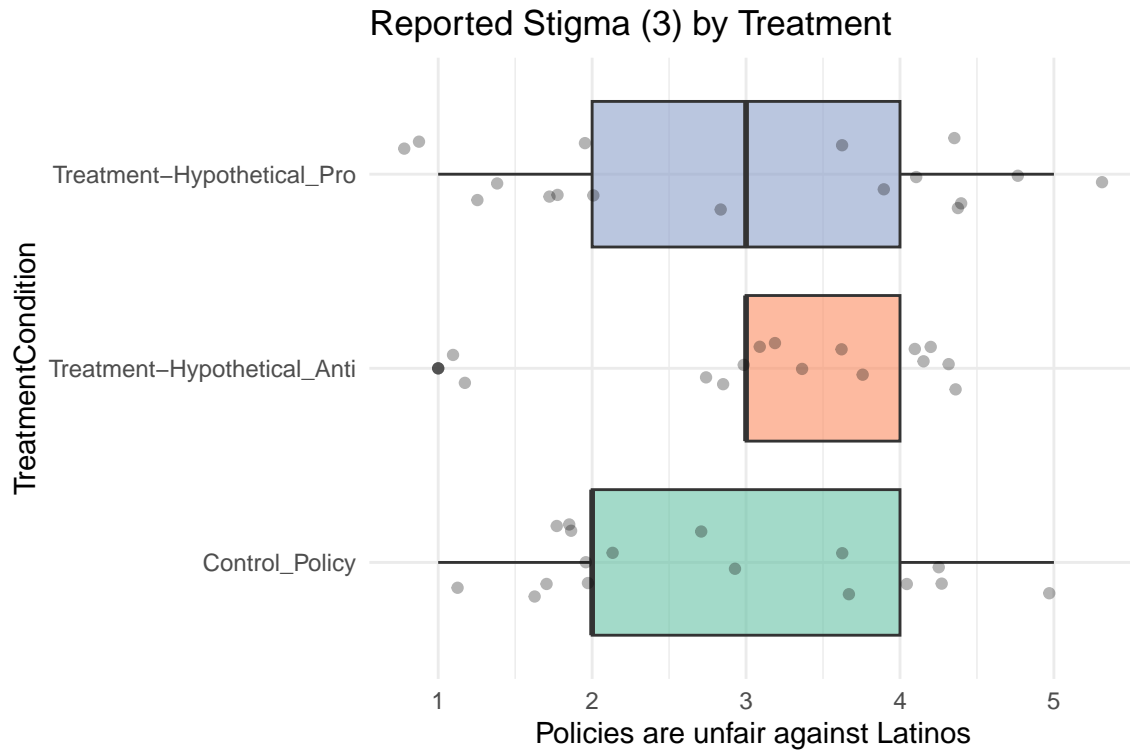
Checked whether the items are reliable (they are - immigrant stigma items cronbach alpha is at .8, Latino stigma is at .76)

Visualization of the Index:

Immigrant Stigma Index by Treatment

Latino Stigma Index by Treatment
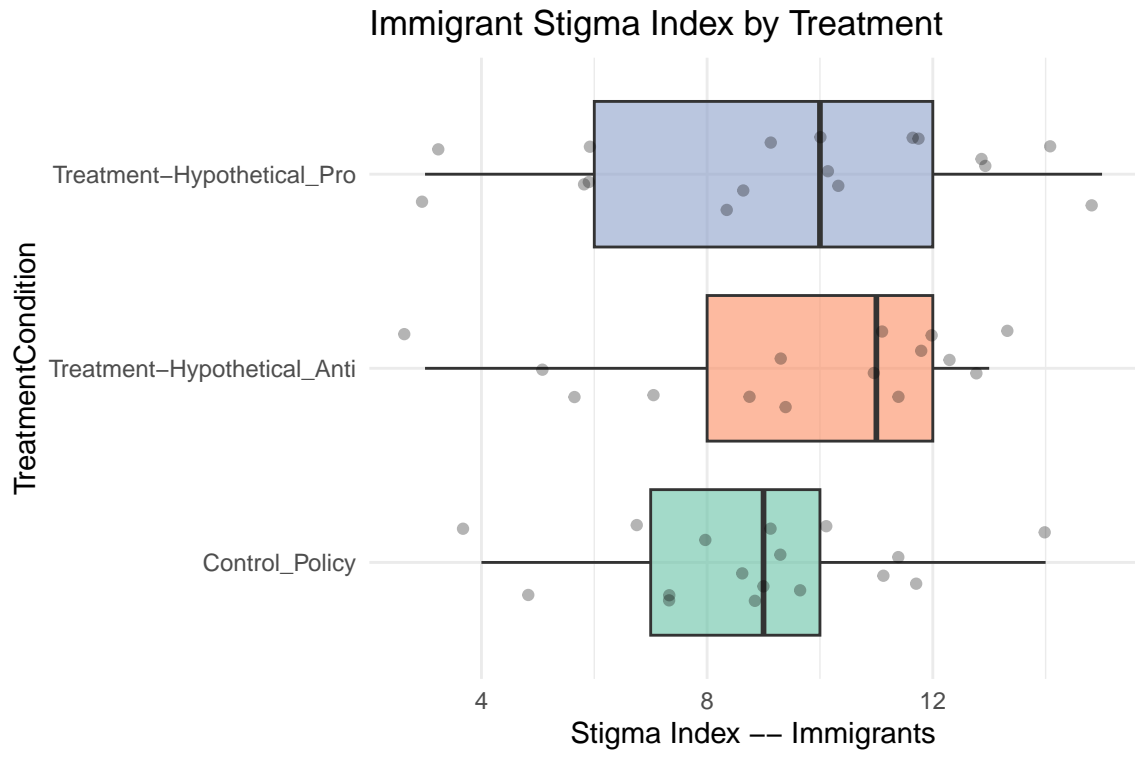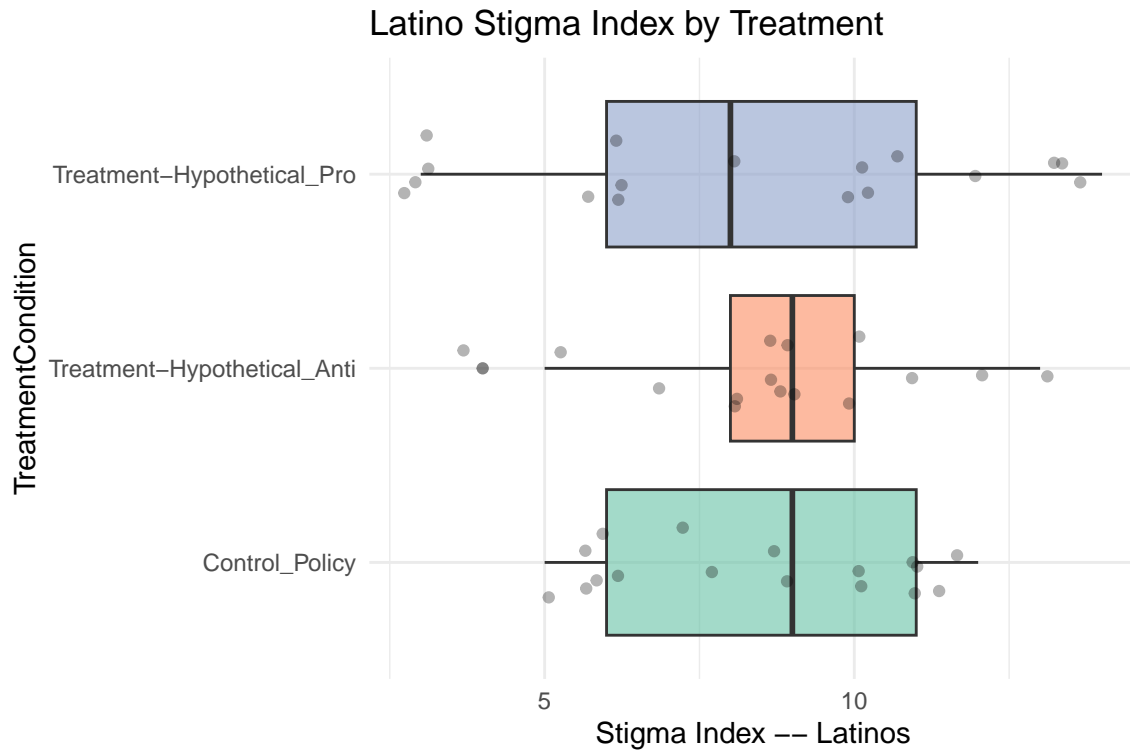
Estimating effect sizes – Emotions & Stigma Measures

#anova

Emotions -

```
summary(aov(Relief ~ TreatmentCondition, data = both_pilots))
```

```
                  Df Sum Sq Mean Sq F value Pr(>F)
TreatmentCondition 2   21.8  10.908   1.226  0.303
Residuals          46  409.3   8.898
```

```
summary(aov(Anger ~ TreatmentCondition, data = both_pilots))
```

```
                  Df Sum Sq Mean Sq F value   Pr(>F)
TreatmentCondition 2  99.25   49.63   9.946 0.000257 ***
Residuals          46 229.52    4.99
---
Signif. codes:  0 '***' 0.001 '**' 0.01 '*' 0.05 '.' 0.1 ' ' 1
```

```
summary(aov(Shame ~ TreatmentCondition, data = both_pilots))
```

```
                  Df Sum Sq Mean Sq F value Pr(>F)
TreatmentCondition  2  32.08  16.042   3.803 0.0296 *
Residuals          46 194.04   4.218
---
Signif. codes:  0 '***' 0.001 '**' 0.01 '*' 0.05 '.' 0.1 ' ' 1
```

```
summary(aov(Fear ~ TreatmentCondition, data = both_pilots))
```

```
                  Df Sum Sq Mean Sq F value  Pr(>F)
TreatmentCondition  2  47.06  23.529   5.552 0.00692 **
Residuals          46 194.94   4.238
---
Signif. codes:  0 '***' 0.001 '**' 0.01 '*' 0.05 '.' 0.1 ' ' 1
```

```
summary(aov(Pride ~ TreatmentCondition, data = both_pilots))
```

```
                  Df Sum Sq Mean Sq F value Pr(>F)
TreatmentCondition  2    8.5   4.263   0.523  0.596
Residuals          46  375.1   8.154
```

```
summary(aov(Joy ~ TreatmentCondition, data = both_pilots))
```

```
                  Df Sum Sq Mean Sq F value Pr(>F)
TreatmentCondition  2   40.3  20.175   2.171  0.126
Residuals          46  427.6   9.295
```

Stigma measures -

```
summary(aov(ImmsMajSourceCrime ~ TreatmentCondition, data = both_pilots))
```

```
                  Df Sum Sq Mean Sq F value Pr(>F)
TreatmentCondition  2   0.36  0.1804   0.123  0.885
Residuals          46  67.64  1.4704
```

```
summary(aov(PoliticiansTalkNegImm ~ TreatmentCondition, data = both_pilots))
```

```
                   Df Sum Sq Mean Sq F value Pr(>F)
TreatmentCondition  2   0.87  0.4327   0.275  0.761
Residuals          46  72.40  1.5739
```

```
summary(aov(PoliciesImmUnfair ~ TreatmentCondition, data = both_pilots))
```

```
                   Df Sum Sq Mean Sq F value Pr(>F)
TreatmentCondition  2   0.63  0.3172    0.22  0.803
Residuals          46  66.35  1.4423
```

```
summary(aov(LatinosMajSourceCrime ~ TreatmentCondition, data = both_pilots))
```

```
                   Df Sum Sq Mean Sq F value Pr(>F)
TreatmentCondition  2   0.95  0.4743   0.387  0.682
Residuals          46  56.44  1.2269
```

```
summary(aov(PoliticiansTalkNegLatinos ~ TreatmentCondition, data = both_pilots))
```

```
                   Df Sum Sq Mean Sq F value Pr(>F)
TreatmentCondition  2   1.91  0.9569   0.611  0.547
Residuals          46  72.09  1.5671
```

```
summary(aov(PoliciesLatinosUnfair ~ TreatmentCondition, data = both_pilots))
```

```
                   Df Sum Sq Mean Sq F value Pr(>F)
TreatmentCondition  2   1.28  0.6415    0.43  0.653
Residuals          46  68.64  1.4921
```

```
summary(aov(Stigma_Imm_Index ~ TreatmentCondition, data = both_pilots))
```

```
                   Df Sum Sq Mean Sq F value Pr(>F)
TreatmentCondition  2    3.7   1.840   0.192  0.826
Residuals          46  441.4   9.595
```

```
summary(aov(Stigma_Latinos_Index ~ TreatmentCondition, data = both_pilots))
```

```
                   Df Sum Sq Mean Sq F value Pr(>F)
TreatmentCondition  2    5.2   2.606   0.296  0.745
Residuals          46  404.9   8.802
```

```
## alternate --- perceptions of group discrimination against immigrants / latinos
summary(aov(GroupDiscImms_Perc ~ TreatmentCondition, data = both_pilots))
```

```
                   Df Sum Sq Mean Sq F value Pr(>F)
TreatmentCondition  2  0.628  0.3141   0.569   0.57
Residuals          45 24.851  0.5522
1 observation deleted due to missingness
```

```
summary(aov(GroupDiscLatinos_Perc ~ TreatmentCondition, data = both_pilots))
```

```
                   Df Sum Sq Mean Sq F value Pr(>F)
TreatmentCondition  2  3.763  1.8817   4.202 0.0212 *
Residuals          45 20.153  0.4478
---
Signif. codes:  0 '***' 0.001 '**' 0.01 '*' 0.05 '.' 0.1 ' ' 1
1 observation deleted due to missingness
```

Some preliminary regressions to make sure its the anti-immigrant treatment moving −

```
=========================================================
                          Dependent variable:
                      ----------------------------
                               Anger
---------------------------------------------------------
GroupAnti                     3.508***
                               (0.953)

GroupPro                       1.390
                               (0.911)

PartyLean Democrat             3.417
```

	(2.493)
PartyLean Republican	0.271
	(2.364)
PartyNot so strong Democrat	1.522
	(1.846)
PartyNot so strong Republican	0.602
	(1.938)
PartyOther	0.854
	(2.042)
PartyStrong Democrat	2.406
	(2.039)
PartyStrong Republican	0.511
	(1.884)
SkinTone	0.497
	(0.295)
Sex_Gender	-0.971
	(0.905)
Age	-0.007
	(0.034)
Educ	0.599*
	(0.325)
150,000 or more	-0.526
	(1.561)
49,999	0.320
	(1.283)
74,999	-0.792
	(1.337)
99,999	-1.399
	(1.406)

```
25,000                                  -0.054
                                        (1.758)


Constant                                -3.080
                                        (2.837)


----------------------------------------------------------
Observations                               48
R2                                        0.564
Adjusted R2                               0.293
Residual Std. Error              2.215 (df = 29)
F Statistic                   2.080** (df = 18; 29)
==========================================================
Note:                    *p<0.1; **p<0.05; ***p<0.01
```

Comparing means estimate effect sizes (cohen's d) using pwr package (control vs anti / pro),

using preliminary regressions for cohen's f & calculating sample size for 80% power based on effect size –

	Emotion	Mean_Control	Mean_Anti	Mean_Pro	D_Anti	D_Pro	R2	f2	Power
1	Anger	0.29	3.73	1.24	1.440	0.616	0.582	1.393	0.987
2	Fear	0.65	3.00	1.24	1.026	0.407	0.546	1.202	0.968
3	Shame	0.88	2.67	0.94	0.753	0.038	0.543	1.187	0.966
4	Pride	2.82	1.80	2.47	-0.361	-0.118	0.431	0.757	0.809
5	Relief	2.41	1.93	3.53	-0.165	0.352	0.406	0.684	0.756
6	Joy	3.88	1.67	3.18	-0.759	-0.215	0.426	0.742	0.799

	Needed_N_for_80
1	37
2	39
3	39
4	48
5	51
6	49

	Emotion	Mean_Control	Mean_Anti	Mean_Pro	D_Anti	D_Pro
1	ImmsMajSourceCrime	3.12	3.27	3.06	0.125	-0.049
2	PoliticiansTalkNegImm	2.94	3.20	3.24	0.222	0.222
3	PoliciesImmUnfair	2.82	3.07	3.06	0.223	0.193

28

```
4       LatinosMajSourceCrime          2.82      2.53      2.53 -0.288 -0.261
5  PoliticiansTalkNegLatinos          2.82      3.13      2.65  0.275 -0.135
6       PoliciesLatinosUnfair          2.82      3.20      2.88  0.350  0.045
7             Stigma_Imm_Index          8.88      9.53      9.35  0.234  0.151
8          Stigma_Latinos_Index       8.47      8.87      8.06  0.168 -0.129
9            GroupDiscImms_Perc        3.41      3.13      3.25 -0.359 -0.232
10       GroupDiscLatinos_Perc        3.35      2.67      3.06 -1.038 -0.420
      R2     f2 Power Needed_N_for_80
1  0.529 1.123 0.955              40
2  0.365 0.576 0.660              57
3  0.321 0.472 0.548              65
4  0.421 0.728 0.790              50
5  0.257 0.345 0.396              81
6  0.298 0.424 0.493              70
7  0.397 0.660 0.736              52
8  0.270 0.371 0.427              77
9  0.542 1.183 0.958              39
10 0.556 1.253 0.969              38
```

Second Embedded Survey Experiment

Participation Versions:

1. Voto Latino works to help individuals register to vote and cast ballots on time. Would you like to receive more information from them about voting and elections in your state?

2. Voto Latino provides information on voter registration, casting ballots, and issues affecting the $TermLatinoHispanic/ChoiceGroup/SelectedChoicescommunity.Wouldyouliketoreceivemorein$ /ChoiceGroup/SelectedChoices} community in your state?

Want to Receive Pol. Information by Version
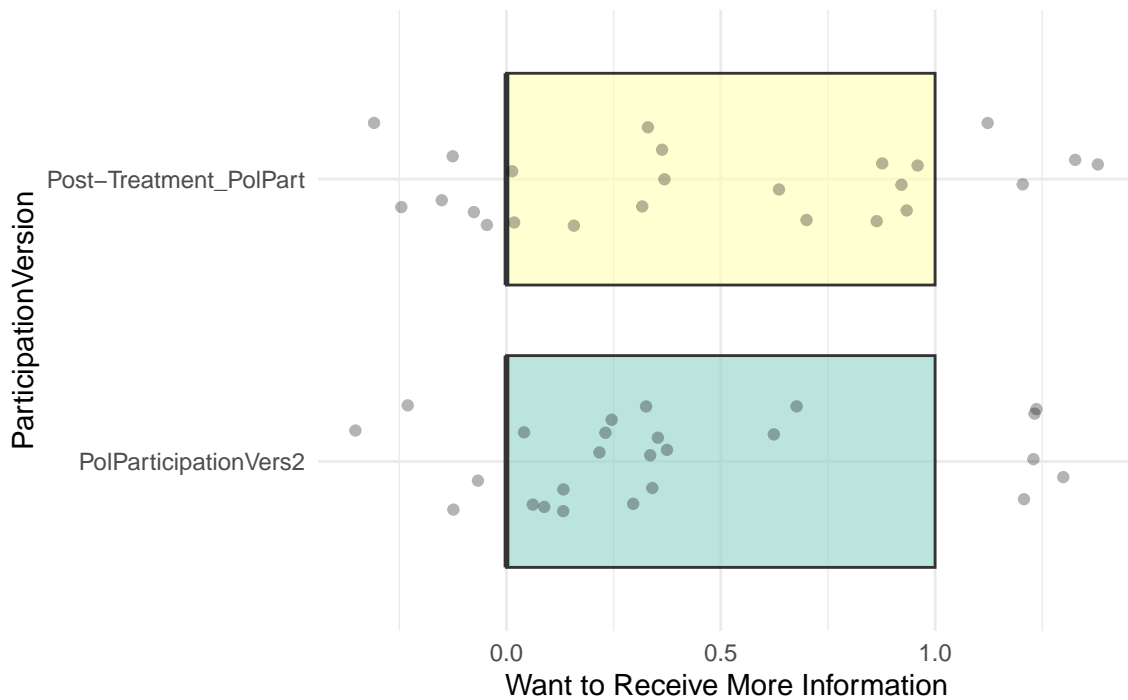

```
                      Df Sum Sq Mean Sq F value Pr(>F)
ParticipationVersion   1  0.389  0.3894   1.664  0.203
Residuals             47 10.998  0.2340
```

Open-Ended Questions

Pilot 1 had all open ended questions. Pilot 2 only had the open-ended question on state belonging and follow-up on the participation question (no open-ended question on US belonging).

For Belonging - the scale is 1 (not at all) to 10 (a lot):

On Belonging (State):

```
Response for State Belonging (Rated 7): 'I belong in my state because I live in
California. We are a majority latino state.' By 38-year-old Male in California

Response for State Belonging (Rated 9): 'I've lived in Oklahoma as a teen, was
nice. I moved here when my husband died, because Texas had too many memories;
Is FINE, very diverse' By 49-year-old Female in Oklahoma
```

Response for State Belonging (Rated 9): 'This is where I was born and raised, it's where many people who share my Mexican-American heritage also live. I've lived in another state with less Mexican-Americans and it felt isolating and lonely. I want to live in community with people who share my culture, values, and history. For me, that is specifically Southern California. I get to express and experience my culture in so many ways--Chicano Art Museum, Chicano Park Day, Tamale Festival, Day of the Dead Festivals, etc. The one element of why I don't feel totally as if I belong here is because I'm being priced out of my own community. ' By 37-year-old Female in California

Response for State Belonging (Rated 5): 'I feel like I belong because I live here and do many things here, but sometimes I don't feel like belonging because I am treated differently because of my accent.' By 27-year-old Male in Connecticut

Response for State Belonging (Rated 8): 'My state is a lot more progressive here in the West Coast. Despite this, there will always be people who will be racially prejudice no matter what I do. Still, it's more safer here than anywhere else.' By 25-year-old Female in California

Belonging in the US (only Pilot 1 was shown this question):

Response for US Belonging (Rated 3): 'Especially in the south I would feel unwelcomed.' By 38-year-old Male in California

Response for US Belonging (Rated 10): 'I was BORN here, lived in Panama, as a teen; never felt at home there, despite my mother living there half of her life. I am a diehard American.' By 49-year-old Female in Oklahoma

Response for US Belonging (Rated 9): 'I belong here because, as stated in the Constitution, I am granted citizenship right as someone born here. End of story. The reason that I didn't put a 10, is because as a Brown queer woman I am constantly being made to feel through policies and fake culture wars that I don't belong and it can feel isolating. ' By 37-year-old Female in California

Response for US Belonging (Rated 5): 'I feel like I belong because I live here and do many things here, but sometimes I don't feel like belonging because I am treated differently because of my accent.' By 27-year-old Male in Connecticut

Response for US Belonging (Rated 0): 'With Trump's current administration, as well as the actions and words he's said in the past as part of his presidency,

the majority of America have seen us as a threat, regardless of if we were born in the states, a legal resident, or undocumented. For how we are, we are deemed not worthy of being on American soil.' By 25-year-old Female in California

Response for US Belonging (Rated 10): 'I do belong in the US because this is my home. Even despite all the issues this country is currently facing, there is a lot to look forward to.' By 25-year-old Male in Nevada

Response for US Belonging (Rated 7): 'I was born in this country. I have a right to be here' By 32-year-old Male in Texas

Response for US Belonging (Rated 10): 'I've lived here my entire life, I belong here.' By 21-year-old Female in Maine

Response for US Belonging (Rated 10): 'I was born in the U.S. and as a citizen I do in fact belong here.' By 57-year-old Male in Florida

Response for US Belonging (Rated 8): 'I feel like I am an American. Even though I immigrated here I know that I follow all the cultural norms and traditions and I don't feel like an outsider at all.' By 37-year-old Male in Washington

Response for US Belonging (Rated 10): 'everywhere i travel to even if its a state with few tourists im embraced because i share american social customs.' By 41-year-old Female in Virginia

Response for US Belonging (Rated 9): 'i feel i have never been discriminated ever since i was born here despite my ethic' By 39-year-old Male in Florida

Response for US Belonging (Rated 9): 'Since I was born here I have a strong sense of belonging to this country. I feel like for the most part discrimination against me has not been harsh.' By 48-year-old Male in New Jersey

Response for US Belonging (Rated 9): 'I have great pride in my country ' By 46-year-old Male in Illinois

Response for US Belonging (Rated 3): 'I dont really agree with the stuff the government does, I also don't relate to the average american when it comes to politics ' By 32-year-old Male in New York

Response for US Belonging (Rated 2): 'I am not sure if in other states I will be considered as an American some states wont accept me' By 58-year-old Male in New York

Response for US Belonging (Rated 7): 'I quite belong because in the US racial and ethnic discrimination is in most places and my group is considered a minority.' By 39-year-old Female in Illinois

Response for US Belonging (Rated 9): 'i belong to the US because am a citizen by birth ' By 46-year-old Male in Florida

Response for US Belonging (Rated 10): 'I belong in the US because this is my birthplace. ' By 51-year-old Female in Texas

Response for US Belonging (Rated 9): 'I feel like i belong to make the country better and feel i can provide that in anything that i choose to do!' By 24-year-old Male in Texas

Response for US Belonging (Rated 8): 'I feel connected to the United States because I believe in the country's core values of freedom and opportunity, though there are aspects of the political climate that sometimes make me feel disconnected' By 52-year-old Female in Oregon

Response for US Belonging (Rated 9): 'I do belong to USA because I was born and raised here, I know the culture and I behave as an American. ' By 31-year-old Male in California

Response for US Belonging (Rated 7): 'I feel like I feel like I don't belong in the United States because the financial ladder is hard to climb and I feel left out.' By 29-year-old Male in New York

Response for US Belonging (Rated 10): 'I belong here because I grew up in this country and grew up around American culture this is my home.' By 27-year-old Male in California

Whether they would like to be contacted by a civic organization (Voto Latino) -

Current thoughts: The "no cue" version should just say a civic organization (rather than name a specific one)

Participation Response - 0 (No, would not like to be contacted) or 1 (Yes, would like to be contacted)

Response for wanting (or not wanting) more information (Shown Latino Issue Cue & Chose 0): 'My state does a good job in keeping us informed about issues, I would not want to be contacted becuase I know the issues well.' By 38-year-old Male in California

Response for wanting (or not wanting) more information (Shown No Cue & Chose 0): 'I don't need help voting; I always vote. English is my native language, America is my country.' By 49-year-old Female in Oklahoma

Response for wanting (or not wanting) more information (Shown Latino Issue Cue & Chose 0): 'I can make my own decisions. Latinx are not a monolith and we vote based on our own personal values. ' By 37-year-old Female in California

Response for wanting (or not wanting) more information (Shown No Cue & Chose 1): 'Because I feel like I would like to know more about that Voto Latino' By 27-year-old Male in Connecticut

Response for wanting (or not wanting) more information (Shown Latino Issue Cue & Chose 0): 'I want to keep up to date on what's going on in my community. It's already bad enough that the government is being secretive about the camps they hold for those seized by ICE, and I have family that I need to protect.' By 25-year-old Female in California

Thoughts on open-ended questions: people provided "real" answers, and for some, it seemed like that the questions were on topics that they wanted to discuss. The questions on belonging to me seemed to be produce more useful or thought-provoking answers that can shed light on that question of how immigration is affecting people psychologically. The participation question did get some good answers reflecting efficacy (worry about the community & wanting to do more or expressing hopelessness), but many were along the vein of "no, already have enough information" or "would like to seek that information on my own."