



L2/Haystaq National Models User Guide 2025

L2 National Models User Guide

Haystaq is excited to announce this new round of national political models.

Each of the roughly 210 million voters on the L2 voter file has a score representing their likelihood of agreeing with any of the given positions, now updated to include more than 120 issues.

These models were built using response data from a national survey fielded via IVR- and live- telephone calls, text, email and an online panel in the summer of 2025. The indicator data used by these models is a combination of individual-level voter registration information and past voting behavior, individual and household demographic and consumer characteristics, and census and geographic-level data. Some models were built using real world data (turnout, vote by mail, home buying, etc)

For all models, a third of the response data is withheld from the modeling process as a test set to use for validation. The charts show how well each model predicts the responses of this holdout sample. Each score is split into deciles and the share of the test set scored in a given range whose actual responses match the dependent variable “yes” or 1 condition is plotted on the y-axis. A strong model will show taller teal bars in the high deciles and shorter bars in the low deciles.

In Fall Haystaq will be building most of the scores on a national consumer file of 250 million adults

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Abortion

Source question:

Which comes closest to your position on abortion: that abortion should be legal in all cases; that abortion should be legal with some restrictions; that abortion should be illegal except in cases of rape, incest or to save the mother's life; or that abortion should be made illegal without any exceptions?

Always legal, Some restriction, Only exceptions, No exceptions, Undecided

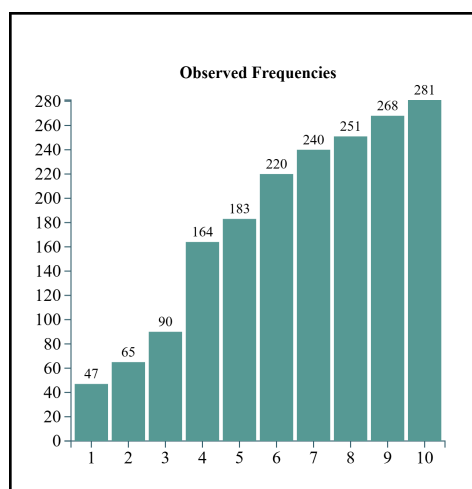
Included fields: hs_abortion_pro_choice, hs_abortion_pro_life

hs_abortion_pro_choice

Dependent Variable: Respondents who said 'always legal' vs those who said 'no exceptions', 'only exceptions' or 'undecided'

Internal Haystaq Model Name: abortion_choice_aw2

Positive_FLAG: 30%

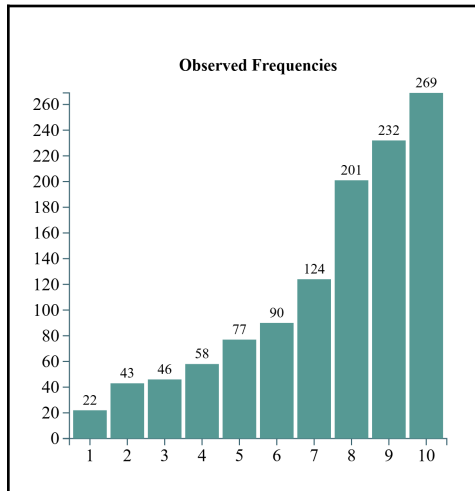


hs_abortion_pro_life

Dependent Variable: Respondents who said 'no exceptions', 'only exceptions' vs those who said 'always legal', 'undecided'

Internal Haystaq Model Name: abortion_prolife_aw2

Negative_FLAG: 20%



Absentee/Vote by Mail

Source:

Vote history method of voting available on the voter file.

Included fields:

hs_likely_absentee_by_mail_voter

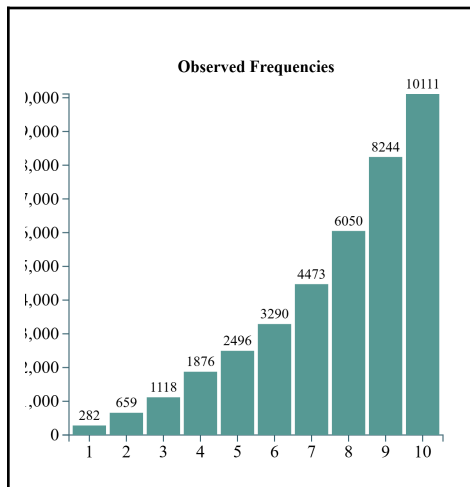
hs_likely_absentee_by_mail_voter

Dependent Variable: Registered voters who voted in the 2024 presidential election absentee/vote by mail vs. those who were eligible to vote in the 2024 presidential election but did not vote absentee, in states where there was absentee/vote by mail voting.

Internal Haystaq Model Name: voted_absentee_v_all_other_voters_score

Positive_FLAG: 30%

Negative_FLAG: bottom 35%



Activism

Source question:

In the last two years have you attended a political meeting, rally or protest or volunteered for a political campaign?

Yes, No, Unsure

Included fields:

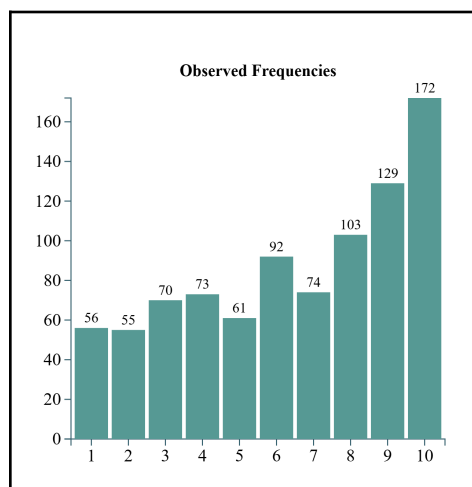
hs_activism

hs_activism

Dependent Variable: Respondents who answered 'yes' vs those who said 'no','unsure'

Internal Haystaq Model Name: activism_yes_aw

Positive_FLAG: 10%



Affordable Housing

Source question:

Thinking about the cost of housing, which comes closest to your view? Government officials should work to ensure that there is enough affordable housing, or the market alone should determine housing prices?

government role, market forces, undecided

Included fields:

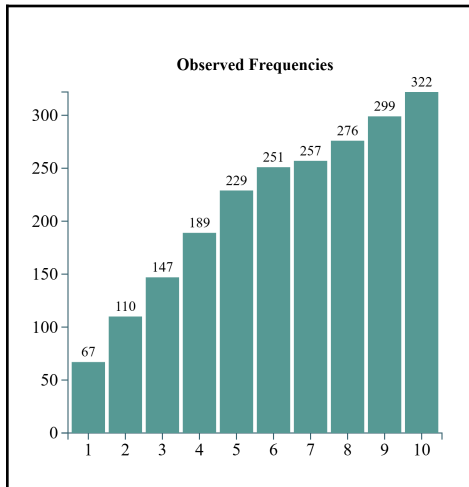
hs_affordable_housing_gov_has_role,
hs_affordable_housing_gov_no_role

hs_affordable_housing_gov_has_role

Dependent Variable: Respondents who said 'government role' vs those who said 'market forces' or 'undecided'

Internal Haystaq Model Name: affordable_housing_gov_role_aw

Positive_FLAG: 30%

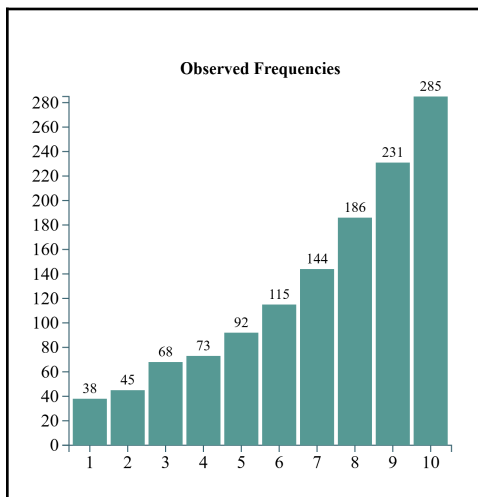


hs_affordable_housing_gov_no_role

Dependent Variable: Respondents who said 'market forces' vs those who said 'government role', 'undecided'

Internal Haystaq Model Name: affordable_housing_market_forces_aw

Negative_FLAG: 10%



AI

Source question:

Does the increased use of artificial intelligence in daily life make you feel more excited or more concerned?

Unsure, More Excited, Equally Concerned and Excited, More Concerned

Included fields:

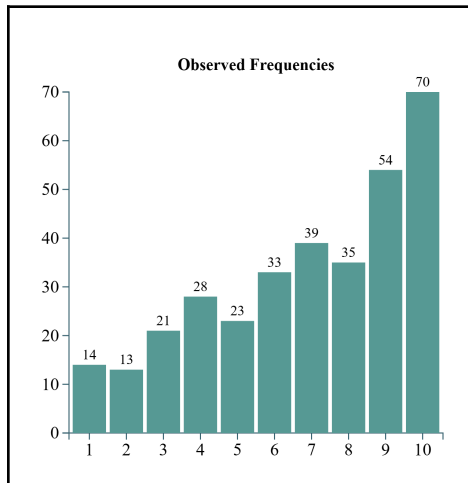
hs_artificial_intelligence_excited

hs_artificial_intelligence_excited

Dependent Variable: Respondents who answered 'excited' vs those who answered 'concerned'

Internal Haystaq Model Name: ai_excited_2w

Positive_FLAG: 10%



Aliens

Source question:

These past couple of years, the federal government has declassified, held congressional hearings about and posted videos of 'UAPs' or Unidentified Aerial Phenomena also known as UFOs. Do you think these disclosures contain the majority information on the topic or is there more that the government isn't telling us?

Unsure, Disclosed Most of What They Know, Government Hiding Information, Government Hiding Physical Evidence

Included fields:

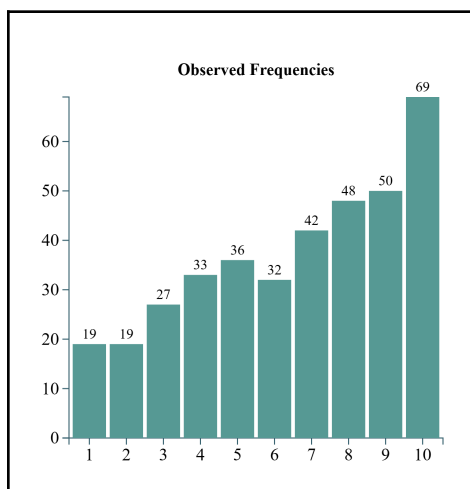
hs_alien_government_disclosed_all,
hs_alien_government_hiding_much

hs_alien_government_disclosed_all

Dependent Variable: Respondents who answered 'disclosed most' vs those who answered 'government hiding more','government hiding some'

Internal Haystaq Model Name: alien_govt_disclosed_aw2

Positive_FLAG: 10%

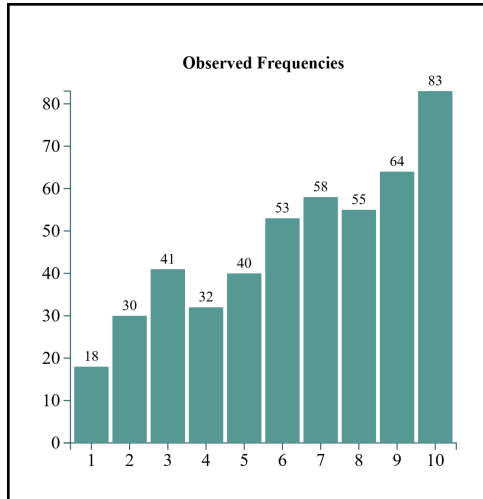


hs_alien_government_hiding_much

Dependent Variable: Respondents who answered 'government hiding more' vs those who answered 'disclosed most','unsure'

Internal Haystaq Model Name: aliens_govt_hiding_most_aw

Negative_FLAG: 20%



Amazon

Source question:

Do you believe Amazon treats its warehouse workers and delivery drivers fairly? Do you think these are good jobs that pay well or that Amazon is exploitive with the demands it places on workers?

Fair, Exploitative, Unsure

Included fields:

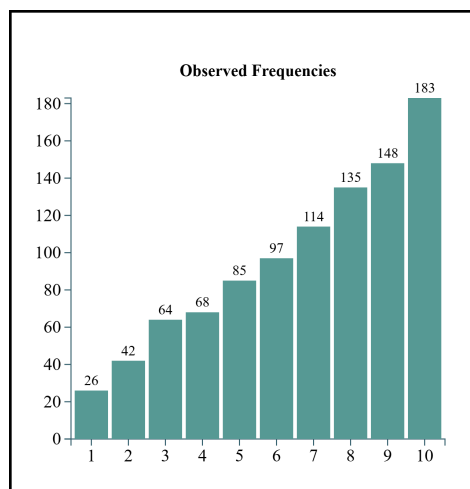
hs_amazon_good_jobs,
hs_amazon_exploitative

hs_amazon_good_jobs

Dependent Variable: Respondents who said 'fair' vs. those who said 'exploitive'

Internal Haystaq Model Name: amazon_good_jobs_2w

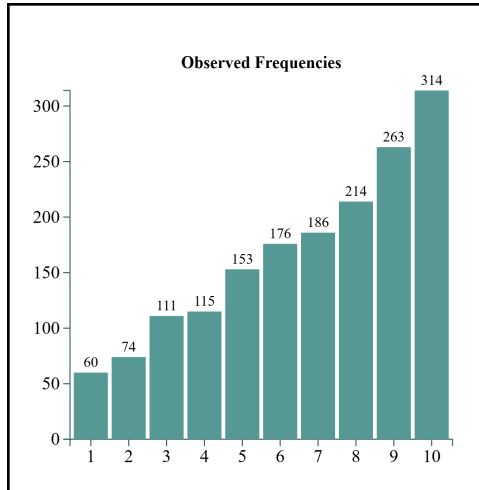
Positive_FLAG: 20%



hs_amazon_exploitative

Dependent Variable: Respondents who said 'exploitive' vs. those who said 'fair', 'unsure'

Internal Haystaq Model Name: amazon_exploitive_aw
Negative_FLAG: 25%



Autonomous Vehicles

Source question:

In your opinion, should self-driving or autonomous vehicles be allowed on the road?
 Allowed, Not Allowed, Unsure

Included fields:

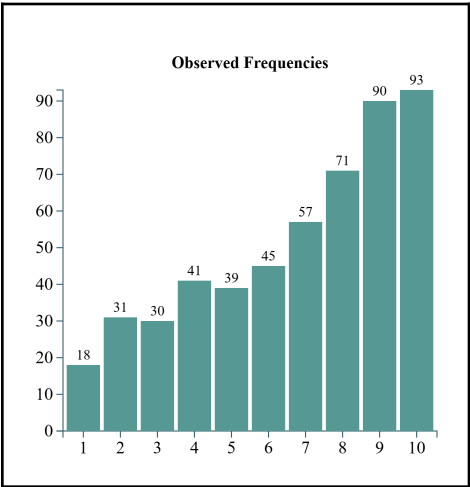
hs_autonomous_vehicles_allow,
 hs_autonomous_vehicles_do_not_alow

hs_autonomous_vehicles_allow

Dependent Variable: Respondents who said 'allowed' vs. those who said 'not allowed'

Internal Haystaq Model Name: autonomous_vehicle_allow_2w

Positive_FLAG: 15%

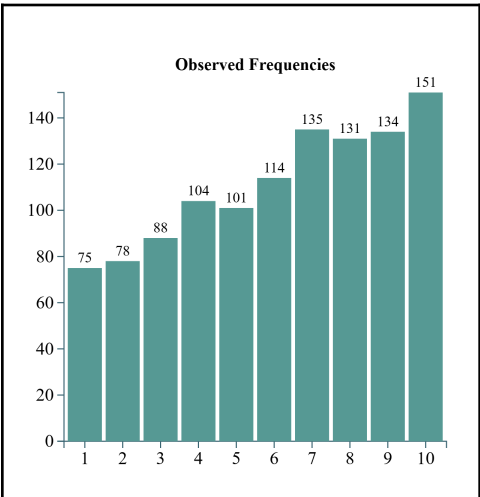


hs_autonomous_vehicles_do_not_allow

Dependent Variable: Respondents who said 'not allowed' vs. those who said 'allowed','unsure'

Internal Haystaq Model Name: autonomous_vehicle_not_allowed_aw

Negative_FLAG: 30%



Ballot Drop Off

Source question:

Ballots usually include many offices and issues. These include big races for president, governor and senator, smaller races for things like state legislature, judges and school board members, and issues such as referendums and bond measures. When you vote, do you usually vote in top-of-the-ballot races like for president, governor or senator, but skip the rest of the ballot; do you sometimes vote on other items on the ballot too; or do you always fill out your entire ballot every time?

Only Top Offices, Some Smaller Races, Entire Ballot

Included fields:

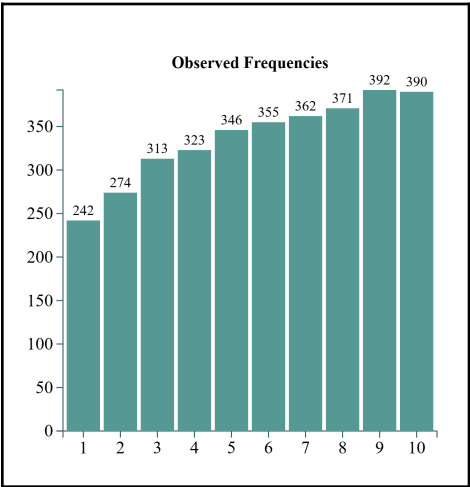
hs_dropoff_fill_entire_ballot,
hs_dropoff_fill_only_top

hs_dropoff_fill_entire_ballot

Dependent Variable: Respondents who said 'entire ballot' vs. those who said 'some smaller','only top offices'

Internal Haystaq Model Name: ballot_dropoff_entire_ballot_aw

Positive_FLAG: 30%

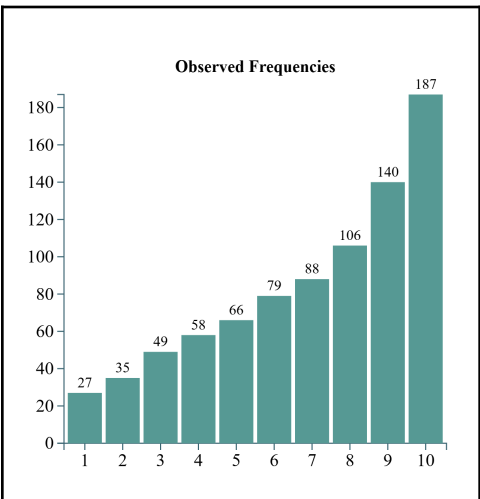


hs_dropoff_fill_only_top

Dependent Variable: Respondents who said 'only top offices' or 'some smaller races' vs. those who said 'entire ballot'

Internal Haystaq Model Name: ballot_dropoff_any_split_aw

Negative_FLAG: 15%



Candidate Mail

Source question:

Do you read mail sent by candidates running for office?

No, Glance at it, Read it carefully

Included fields:

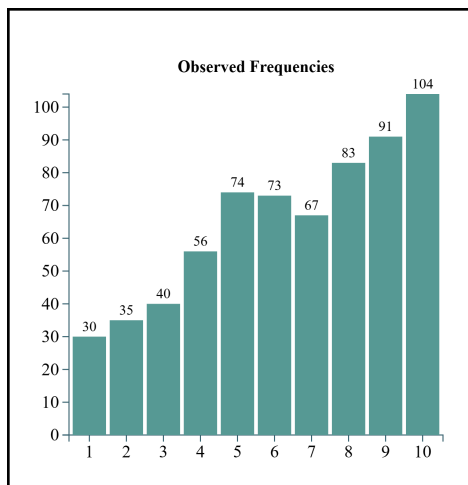
hs_candidate_mail_read_carefully,
hs_candidate_mail_do_not_read

hs_candidate_mail_readership_read_carefully

Dependent Variable: Respondents who answered 'read it carefully' vs those who answered 'glance at it','no'

Internal Haystaq Model Name: candidate_mail_read_carefully_aw

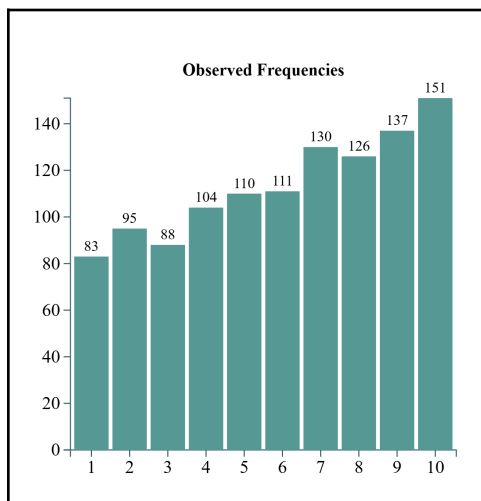
Positive_FLAG: 15%



hs_candidate_mail_readership_do_not_read

Dependent Variable: Respondents who answered 'no' vs those who answered 'read it carefully'

Internal Haystaq Model Name: candidate_mail_no_2w
Negative_FLAG: 20%



Candidates and Officials – Pete Buttigieg

Source question:

Do you approve or disapprove of Secretary of Transportation Pete Buttigieg?
Unsure or Unfamiliar, Strongly Approve, Somewhat Approve, Neither Approve or Disapprove, Somewhat Disapprove, Strongly Disapprove

Included fields:

hs_buttigieg_approval,
hs_buttigieg_disapproval,
hs_buttigieg_dem_approval,

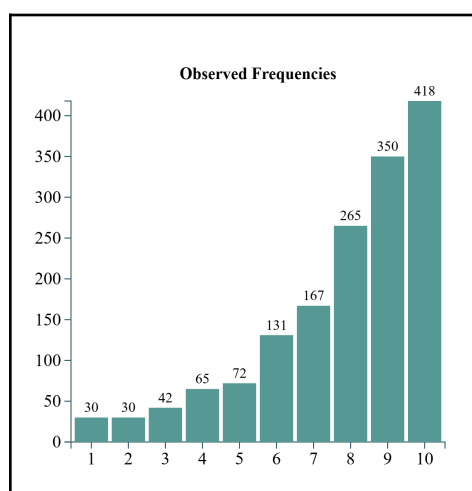
hs_buttigieg_dem_disapproval

hs_buttigieg_approval

Dependent Variable: Respondents who answered 'strongly approve' vs those who answered 'strongly disapprove','somewhat disapprove','unsure or unfamiliar','neither approve nor disapprove'

Internal Haystaq Model Name: buttigieg_approval_str_aw

Positive_FLAG: 20%

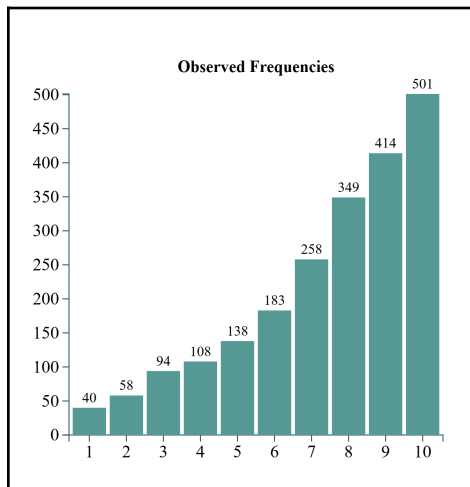


hs_buttigieg_disapproval

Dependent Variable: Respondents who answered 'strongly disapprove','somewhat disapprove' vs those who answered 'strongly approve','somewhat approve','unsure or unfamiliar','neither approve nor disapprove'

Internal Haystaq Model Name: buttigieg_approval_disapprove_aw

Negative_FLAG: 20%



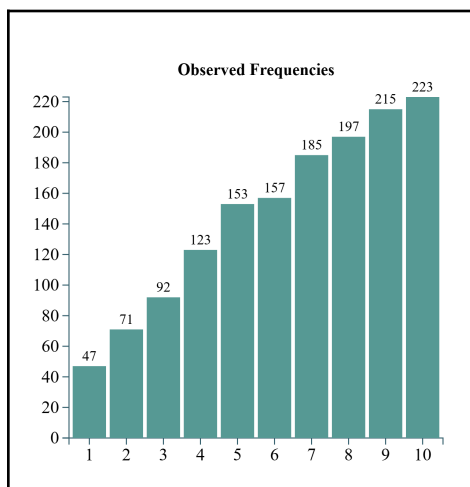
hs buttigieg dem approval

***Note:** This score was limited to likely Democrats

Dependent Variable: Respondents who answered 'strongly approve' vs those who answered 'strongly disapprove', 'somewhat disapprove', 'unsure or unfamiliar', 'neither approve nor disapprove' – Limited to Likely Dems

Internal Haystaq Model Name: buttigieg_approve_dem_str_aw

Positive_FLAG: 20%

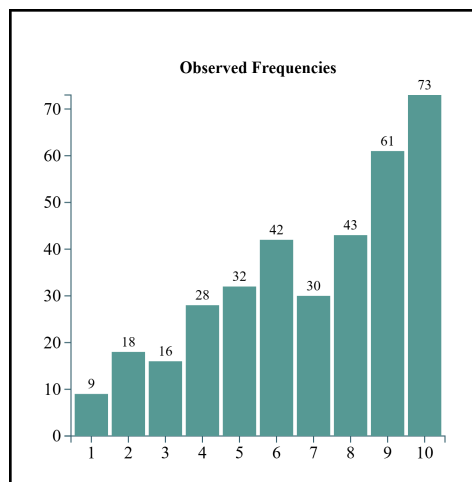


hs buttigieg dem disapproval

***Note:** This score was limited to likely Democrats

Dependent Variable: Respondents who answered 'strongly disapprove', 'somewhat disapprove' vs those who answered 'strongly approve', 'somewhat approve', 'unsure or unfamiliar', 'neither approve nor disapprove' – Limited to Likely Dems

Internal Haystaq Model Name: buttigieg_approve_disapprove_dem_aw
Positive_FLAG: 10%



Candidates and Officials – Alexandria Ocasio Cortez

Source question:

Do you approve or disapprove of Alexandria Ocasio-Cortez, also known as AOC?
 Unsure or Unfamiliar AOC, Strongly Approve, Somewhat Approve, Neither Approve or Disapprove, Somewhat Disapprove, Strongly Disapprove

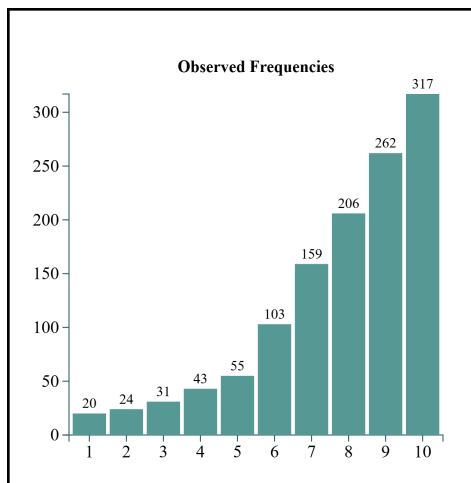
Included fields:

hs_aoc_approval,
 hs_aoc_disapproval,
 hs_aoc_dem_approval,
 hs_aoc_dem_disapproval

hs_aoc_approval

Dependent Variable: Respondents who answered 'strongly approve' vs those who answered 'strongly disapprove','somewhat disapprove','unsure','neither approve nor disapprove'

Internal Haystaq Model Name: aoc_approval_str_aw
Positive_FLAG: 20%

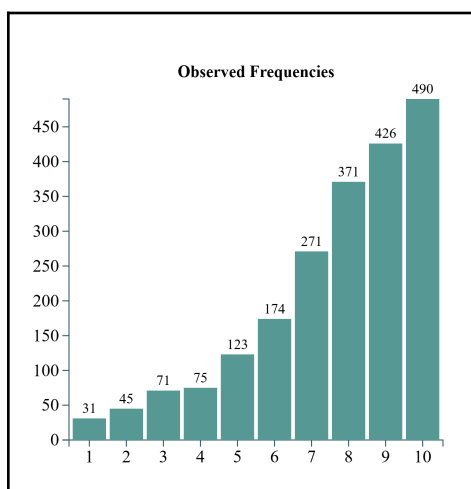


hs_aoc_disapproval

Dependent Variable: Respondents who answered 'strongly disapprove' vs those who answered 'strongly approve','somewhat approve','unsure or unfamiliar','neither approve nor disapprove'

Internal Haystaq Model Name: aoc_approval_str_disapprove_aw

Negative_FLAG: 20%



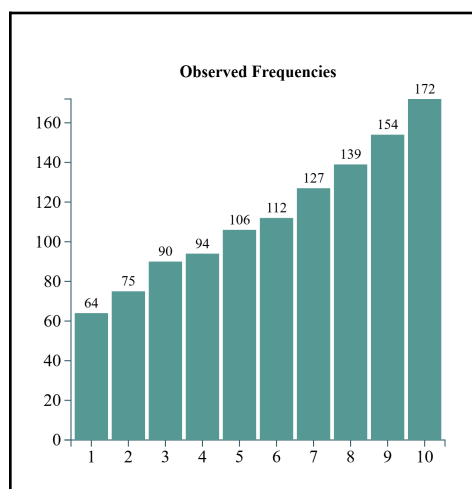
hs_aoc_dem_approval

***Note:** This score was limited to likely Democrats

Dependent Variable: Respondents who answered 'strongly approve' vs those who answered 'strongly disapprove','somewhat disapprove','unsure or unfamiliar','neither approve nor disapprove' – Limited to Likely Dems

Internal Haystaq Model Name: aoc_approve_dem_str_aw

Positive_FLAG: 15%



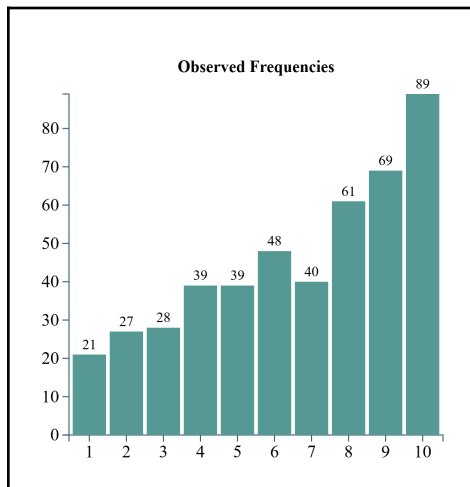
hs_aoc_dem_disapproval

***Note: This score was limited to likely Democrats**

Dependent Variable: Respondents who answered 'strongly disapprove','somewhat disapprove' vs those who answered 'strongly approve','somewhat approve','unsure or unfamiliar','neither approve nor disapprove' – Limited to Likely Dems

Internal Haystaq Model Name: aoc_approve_disapprove_dem_aw

Negative_FLAG: 10%



Candidates and Officials – Nikki Haley

Source question:

Do you approve or disapprove of former governor of South Carolina Nikki Haley?
 Unsure or Unfamiliar, Strongly Approve, Somewhat Approve, Neither Approve or Disapprove, Somewhat Disapprove, Strongly Disapprove

Included fields:

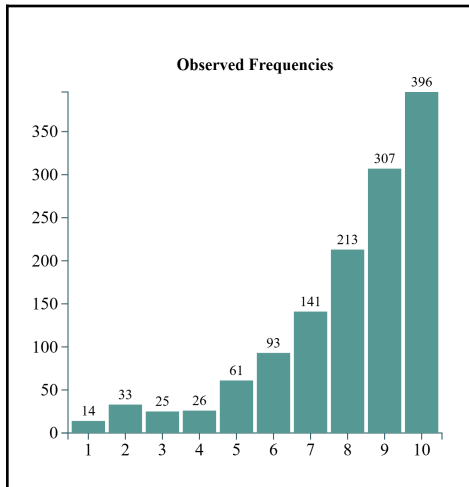
hs_haley_approval,
 hs_haley_disapproval,
 hs_haley_approval_gop

hs_haley_approval

Dependent Variable: Respondents who answered 'strongly approve' vs those who answered 'strongly disapprove', 'somewhat disapprove', 'unsure or unfamiliar', 'neither approve nor disapprove'

Internal Haystaq Model Name: haley_approval_str_aw

Positive_FLAG: 20%

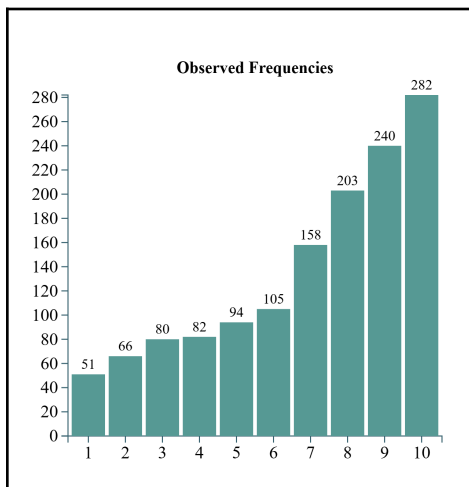


hs_haley_disapproval

Dependent Variable: Respondents who answered 'strongly disapprove' vs those who answered 'strongly approve','somewhat approve','unsure or unfamiliar','neither approve nor disapprove'

Internal Haystaq Model Name: haley_approval_str_disapprove_aw

Negative_FLAG: 20%

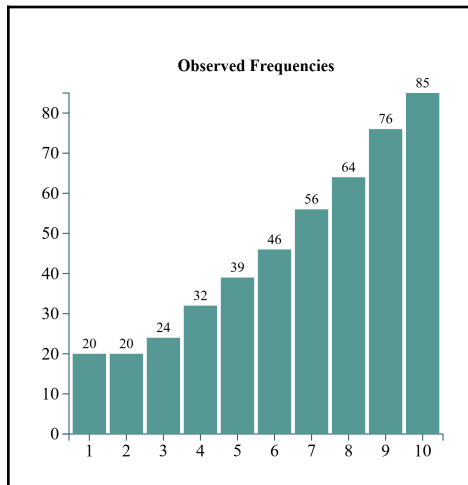


hs_haley_approval_gop

***Note: This score was limited to likely Republicans**

Dependent Variable: Respondents who answered 'strongly approve' vs those who answered 'strongly disapprove','somewhat disapprove','unsure or unfamiliar','neither approve nor disapprove' – Limited to Likely GOPs

Internal Haystaq Model Name: haley_approve_gop_str_aw
Positive_FLAG: 15%



Candidates and Officials – Kamala Harris

Source question:

Do you approve or disapprove of former Vice President Kamala Harris?

Unsure or Unfamiliar, Strongly Approve, Somewhat Approve, Neither Approve or Disapprove, Somewhat Disapprove, Strongly Disapprove

Included fields:

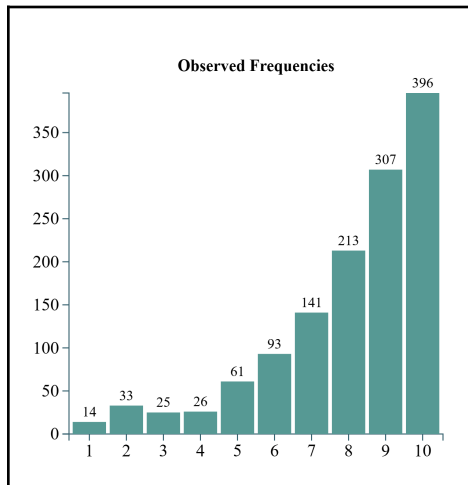
hs_harris_approval,
hs_harris_disapproval,
hs_harris_dem_approval,
hs_harris_dem_disapproval

hs_harris_approval

Dependent Variable: Respondents who answered 'strongly approve' vs those who answered 'strongly disapprove','somewhat disapprove','unsure or unfamiliar','neither approve nor disapprove'

Internal Haystaq Model Name: harris_approval_str_aw

Positive_FLAG: 20%

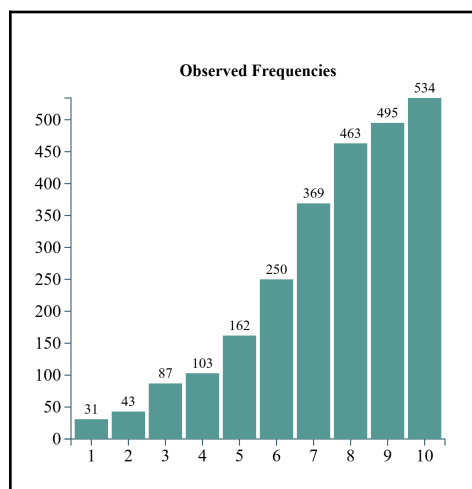


hs_harris_disapproval

Dependent Variable: Respondents who answered 'strongly disapprove' vs those who answered 'strongly approve','somewhat approve','unsure or unfamiliar','neither approve nor disapprove'

Internal Haystaq Model Name: harris_approval_str_disapprove_aw

Negative_FLAG: 30%



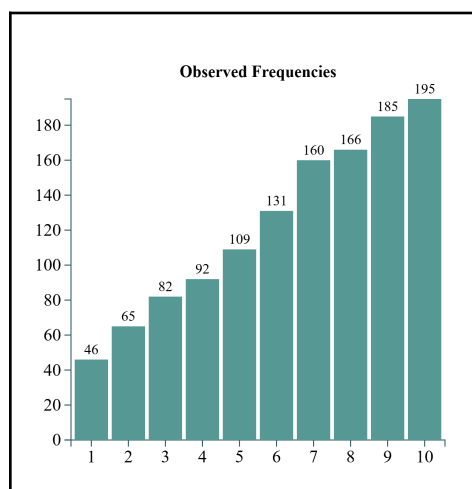
hs_harris_approval_dem

***Note:** This score was limited to likely Democrats

Dependent Variable: Respondents who answered 'strongly approve' vs those who answered 'strongly disapprove','somewhat disapprove','unsure or unfamiliar','neither approve nor disapprove'– Limited to Likely Dems

Internal Haystaq Model Name: harris_approve_dem_str_aw

Positive_FLAG: 20%

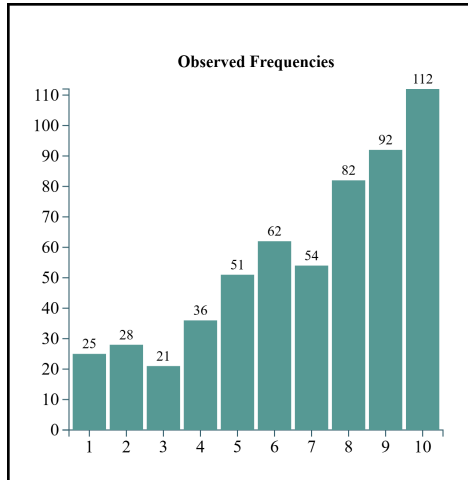


hs_harris_disapproval_dem

***Note:** This score was limited to likely Democrats

Dependent Variable: Respondents who answered 'strongly disapprove','somewhat disapprove' vs those who answered 'strongly approve','somewhat approve','unsure or unfamiliar','neither approve nor disapprove' – Limited to Likely Dems

Internal Haystaq Model Name: harris_approve_disapprove_dem_aw
Positive_FLAG: 15%



Candidates and Officials – Mike Johnson

Source question:

Do you approve or disapprove of Republican House Speaker Mike Johnson?
 Unsure or Unfamiliar, Strongly Approve, Somewhat Approve, Neither Approve nor disapprove, Somewhat Disapprove, Strongly Disapprove

Included fields:

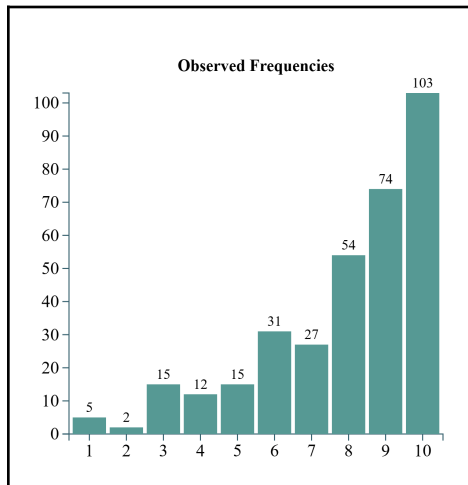
hs_mike_johnson_approval,
 hs_mike_johnson_disapproval,
 hs_mike_johnson_approval_gop

hs_mike_johnson_approval

Dependent Variable: Respondents who answered 'strongly approve','somewhat approve' vs those who answered 'strongly disapprove','somewhat disapprove','unsure or unfamiliar','neither approve nor disapprove

Internal Haystaq Model Name: mike_johnson_approval_aw

Positive_FLAG: 15%

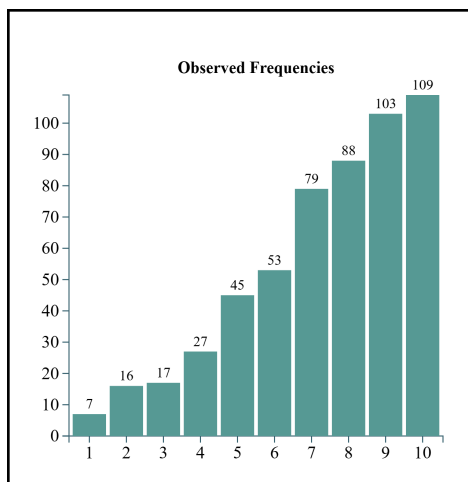


hs_mike_johnson_disapproval

Dependent Variable: Respondents who answered 'strongly disapprove' vs those who answered 'strongly approve','somewhat approve','unsure or unfamiliar','neither approve nor disapprove'

Internal Haystaq Model Name: mike_johnson_approval_str_disapprove_aw

Positive_FLAG: 25%



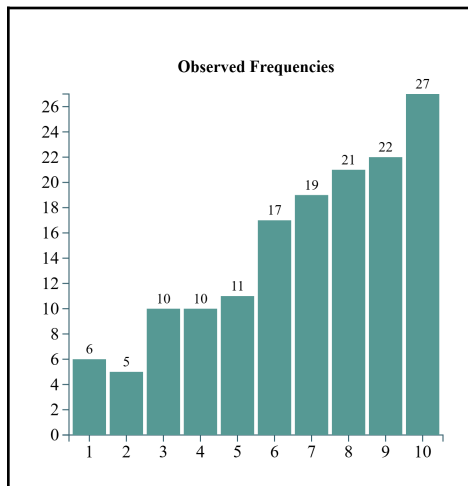
hs_mike_johnson_approval_gop

***Note: This score was limited to likely Republicans**

Dependent Variable: Respondents who answered 'strongly approve' vs those who answered 'strongly disapprove', 'somewhat approve', 'unsure or unfamiliar', 'neither approve nor disapprove'

Internal Haystaq Model Name: mike_johnson_approve_gop_str_aw

Positive_FLAG: 20%



Candidates and Officials – RFK Jr.

Source question:

Do you approve or disapprove of Secretary of Health and Human Services Robert F Kennedy Jr?

Unsure or Unfamiliar ,Strongly Approve, Somewhat Approve, Neither Approve nor disapprove, Somewhat Disapprove, Strongly Disapprove

Included fields:

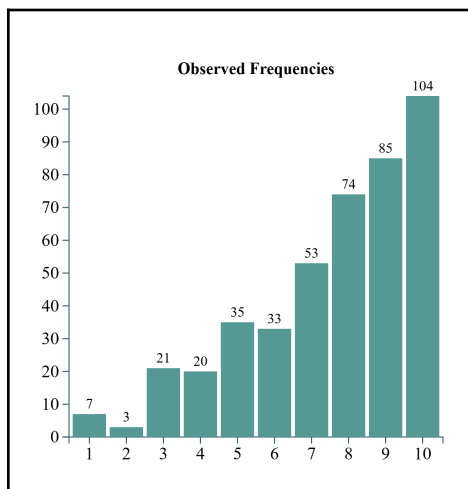
hs_rfkjr_approval,
hs_rfkjr_disapproval

hs_rfkjr_approval

Dependent Variable: Respondents who answered 'strongly approve','somewhat approve' vs those who answered 'strongly disapprove','somewhat disapprove','unsure or unfamiliar','neither approve nor disapprove

Internal Haystaq Model Name: rfk_jr_approval_2w

Positive_FLAG: 20%

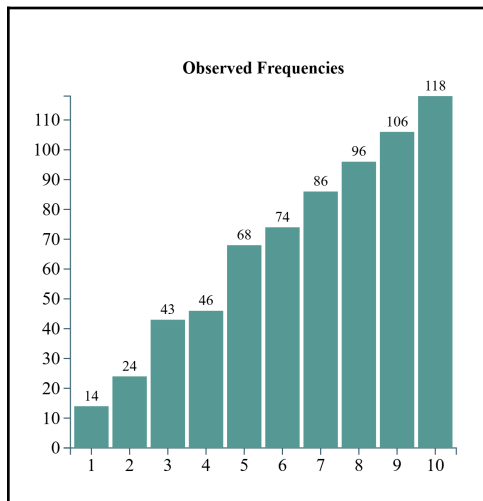


hs_rfkjr_disapproval

Dependent Variable: Respondents who answered 'strongly disapprove' vs those who answered 'strongly approve','somewhat approve','unsure or unfamiliar with','neither approve nor disapprove'

Internal Haystaq Model Name: rfk_jr_approval_str_disapprove_aw

Negative_FLAG: 30%



Candidates and Officials – Ro Khanna

Source question:

Do you approve or disapprove of Democratic Congressman Ro Khanna?

Unsure or Unfamiliar, Strongly Approve, Somewhat Approve, Neither Approve nor disapprove, Somewhat Disapprove, Strongly Disapprove

Included fields:

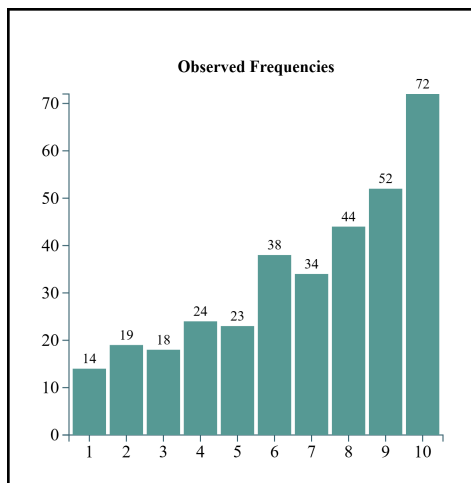
hs_ro_khanna_approval,
 hs_ro_khanna_disapproval,
 hs_ro_khanna_approval_dem

hs_ro_khanna_approval

Dependent Variable: Respondents who answered 'strongly approve','somewhat approve' vs those who answered 'strongly disapprove','somewhat disapprove','unsure or unfamiliar','neither approve nor disapprove

Internal Haystaq Model Name: ro_khanna_approval_aw

Positive_FLAG: 10%

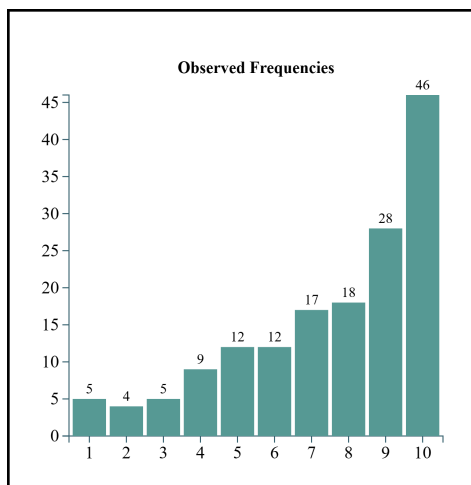


hs_ro_khanna_disapproval

Dependent Variable: Respondents who answered 'strongly disapprove' vs those who answered 'strongly approve','somewhat approve','unsure or unfamiliar with','neither approve nor disapprove'

Internal Haystaq Model Name: ro_khanna_approval_str_disapprove_aw

Positive_FLAG: 10%



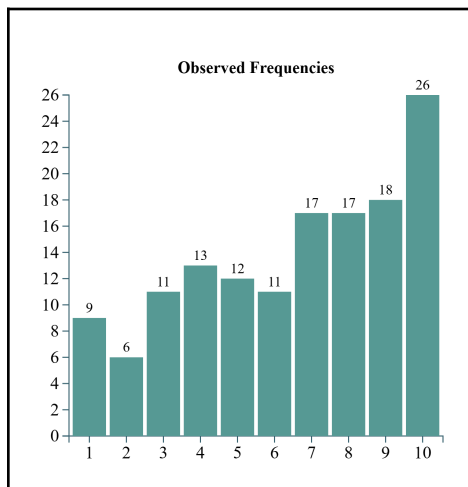
hs_ro_khanna_approval_dem

***Note:** This score was limited to likely Democrats

Dependent Variable: Respondents who answered 'strongly approve' vs those who answered 'strongly disapprove','somewhat disapprove','unsure or unfamiliar with','neither approve nor disapprove' – Limited to Likely Dems

Internal Haystaq Model Name: ro_khanna_approve_dem_str_aw

Positive_FLAG: 10%



Candidates and Officials – Gavin Newsom

Source question:

Do you approve or disapprove of California Governor Gavin Newsom?

Unsure or Unfamiliar, Strongly Approve, Somewhat Approve, Neither Approve or Disapprove, Somewhat Disapprove, Strongly Disapprove

Included fields:

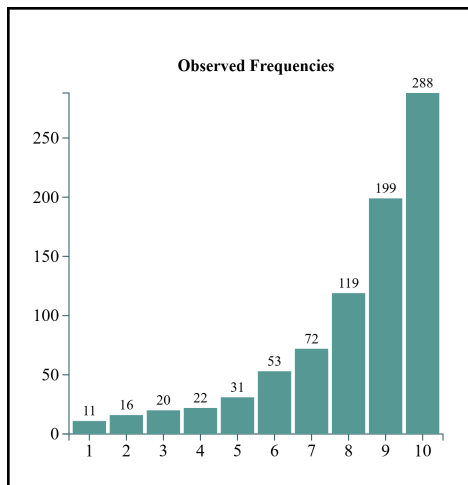
hs_newsom_approval,
 hs_newsom_disapproval,
 hs_newsom_approval_dem,
 hs_newsom_disapproval_dem

hs_newsom_approval

Dependent Variable: Respondents who answered 'strongly approve' vs those who answered 'strongly disapprove','somewhat disapprove','unsure or unfamiliar','neither approve nor disapprove

Internal Haystaq Model Name: newsom_approval_str_aw

Positive_FLAG: 20%

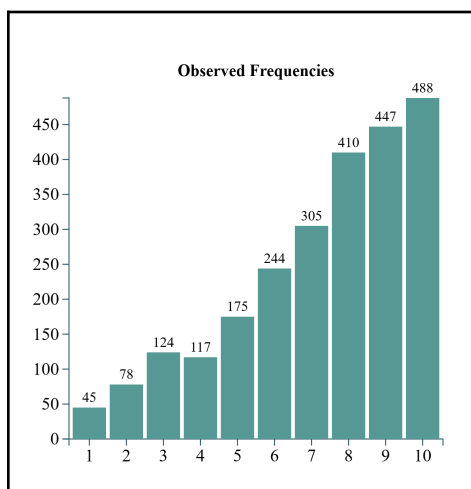


hs_newsom_disapproval

Dependent Variable: Respondents who answered 'strongly disapprove','somewhat disapprove' vs those who answered 'strongly approve','somewhat approve','unsure or unfamiliar with','neither approve nor disapprove'

Internal Haystaq Model Name: newsom_approval_disapprove_aw

Negative_FLAG: 25%



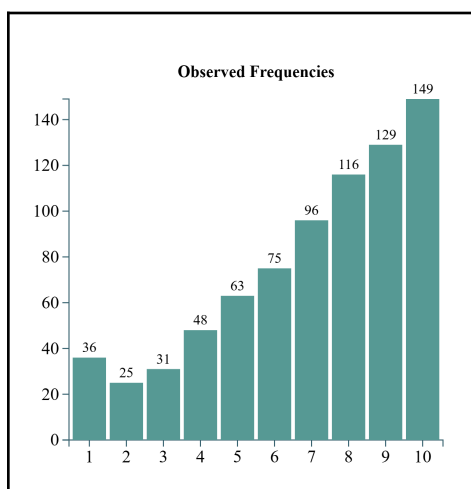
hs_newsom_approval_dem

***Note: This score was limited to likely Democrats**

Dependent Variable: Respondents who answered 'strongly approve' vs those who answered 'strongly disapprove', 'somewhat disapprove', 'unsure or unfamiliar with', 'neither approve nor disapprove' – Limited to Likely Dems

Internal Haystaq Model Name: newsom_approval_dem_str_aw

Positive_FLAG: 15%



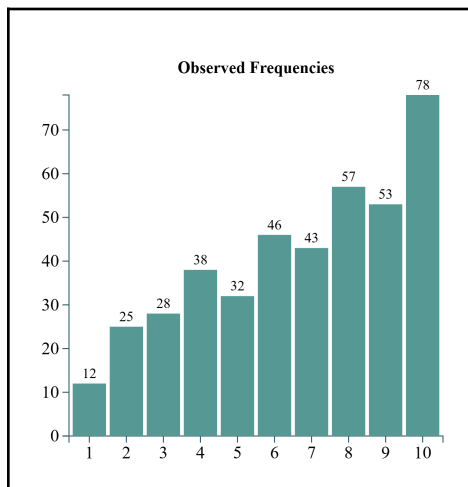
hs_newsom_disapproval_dem

***Note: This score was limited to likely Democrats**

Dependent Variable: Respondents who answered 'strongly disapprove','somewhat disapprove' vs those who answered,'unsure or unfamiliar with 'strongly approve','somewhat approve' , 'neither approve nor disapprove' – Limited to Likely Dems

Internal Haystaq Model Name: newsom_approve_disapprove_dem_aw

Positive_FLAG: 10%



Candidates and Officials – Elon Musk

Source question:

Do you approve or disapprove of billionaire Elon Musk?

Unsure or Unfamiliar, Strongly Approve, Somewhat Approve, Neither Approve nor disapprove, Somewhat Disapprove, Strongly Disapprove

Included fields:

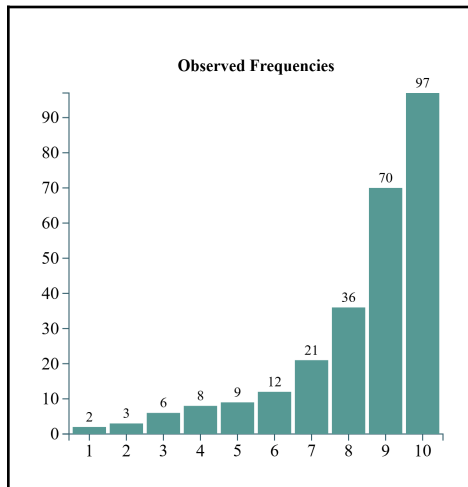
hs_elon_musk_approval,
hs_elon_musk_disapproval,
hs_elon_musk_approval_gop

hs_elon_musk_approval

Dependent Variable: Respondents who answered 'strongly approve' vs those who answered 'strongly disapprove','somewhat disapprove','unsure or unfamiliar','neither approve nor disapprove

Internal Haystaq Model Name: musk_approval_str_aw

Positive_FLAG: 15%

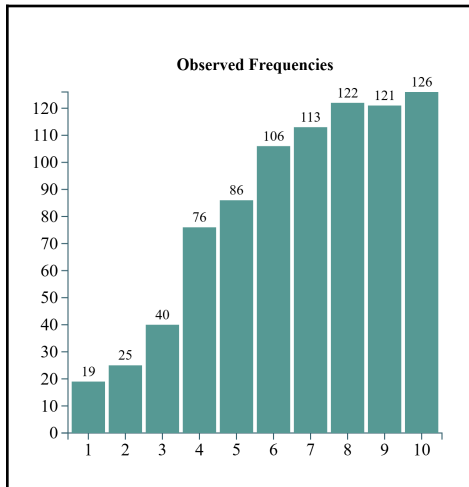


hs_elon_musk_disapproval

Dependent Variable: Respondents who answered 'strongly disapprove' vs those who answered 'strongly approve','somewhat approve','unsure or unfamiliar with','neither approve nor disapprove'

Internal Haystaq Model Name: musk_approval_str_disapprove_aw

Positive_FLAG: 30%



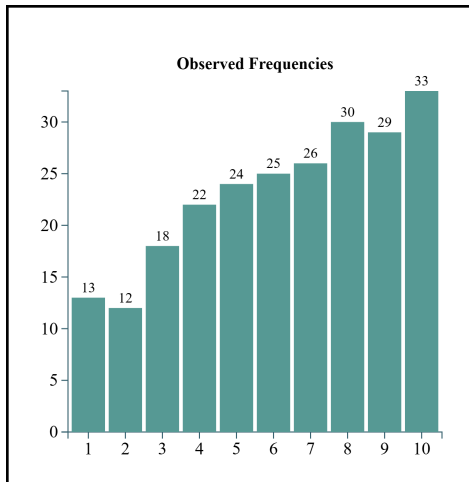
hs_musk_approval_gop

***Note: This score was limited to likely Republicans**

Dependent Variable: Respondents who answered 'strongly approve' vs those who answered 'strongly disapprove', 'somewhat disapprove', 'unsure or unfamiliar', 'neither approve nor disapprove – Limited to Likely GOPs

Internal Haystaq Model Name: musk_approve_gop_str_aw

Positive_FLAG: 10%



Candidates and Officials – Bernie Sanders

Source question:

Do you approve or disapprove of Senator Bernie Sanders?

Unsure or Unfamiliar, Strongly Approve, Somewhat Approve, Neither Approve or Disapprove, Somewhat Disapprove, Strongly Disapprove

Included fields:

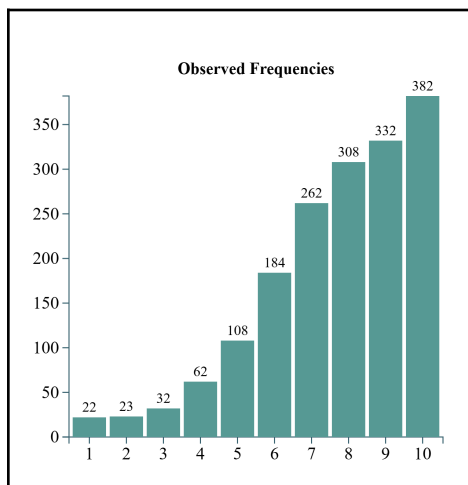
hs_bernies_approval,
hs_bernies_disapproval,
hs_bernies_approval_dem,
hs_bernies_disapproval_dem,

hs_bernies_approval

Dependent Variable: Respondents who answered 'strongly approve' vs those who answered 'strongly disapprove','somewhat disapprove','unsure or unfamiliar','neither approve nor disapprove

Internal Haystaq Model Name: bernies_approval_str_aw

Positive_FLAG: 20%

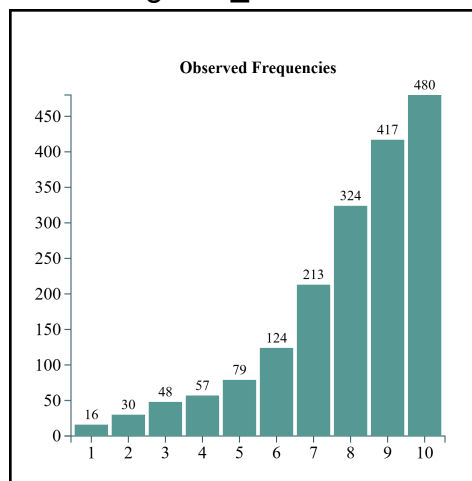


hs_bernie_disapproval

Dependent Variable: Respondents who answered 'strongly disapprove' vs those who answered 'strongly approve','somewhat approve','unsure or unfamiliar with','neither approve nor disapprove'

Internal Haystaq Model Name: bernie_approval_str_disapprove_aw

Negative_FLAG: 20%

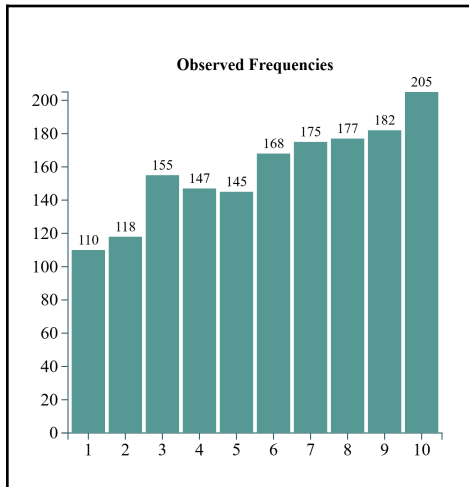
**hs_bernie_dem_approval**

***Note: This score was limited to likely Democrats**

Dependent Variable: Respondents who answered 'strongly approve' vs those who answered 'strongly disapprove','somewhat disapprove','unsure or unfamiliar with','neither approve nor disapprove' – Limited to Likely Dems

Internal Haystaq Model Name: bernie_approve_dem_str_aw

Positive_FLAG: 20%



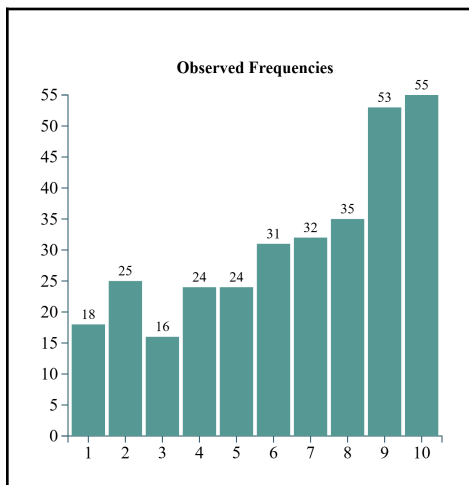
hs_bernier_dem_disapproval

***Note: This score was limited to likely Democrats**

Dependent Variable: Respondents who answered 'strongly disapprove','somewhat disapprove' vs those who answered 'strongly approve','somewhat approve','unsure or unfamiliar with','neither approve nor disapprove' – Limited to Likely Dems

Internal Haystaq Model Name: bernie_approve_disapprove_dem_aw

Negative_FLAG: 10%



Candidates and Officials – Donald Trump

Source question:

Do you approve or disapprove of President Donald Trump?

Unsure or Unfamiliar, Strongly Approve, Somewhat Approve, Neither Approve or Disapprove, Somewhat Disapprove, Strongly Disapprove

Included fields:

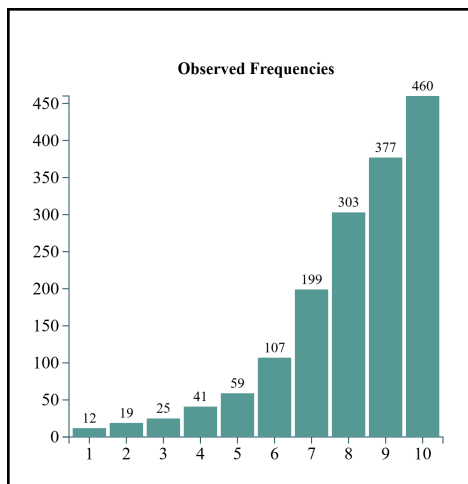
hs_trump_approval,
hs_trump_disapproval,
hs_trump_approval_gop,
hs_trump_disapproval_gop

hs_trump_approval

Dependent Variable: Respondents who answered 'strongly approve' vs those who answered 'strongly disapprove','somewhat disapprove','unsure or unfamiliar','neither approve nor disapprove

Internal Haystaq Model Name: donald_trump_approval_str_2w2

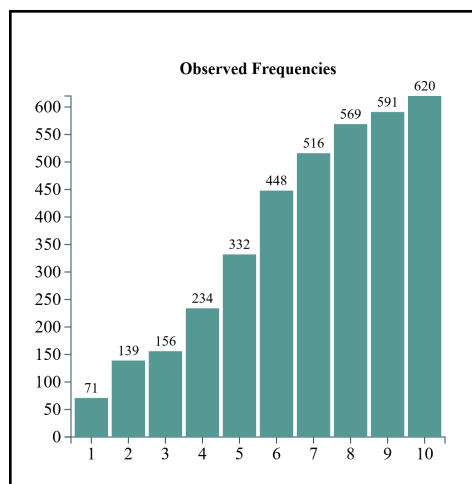
Positive_FLAG: 25%



hs_trump_disapproval

Dependent Variable: Respondents who answered 'strongly disapprove' vs those who answered 'strongly approve','somewhat approve','unsure or unfamiliar with','neither approve nor disapprove'

Internal Haystaq Model Name: donald_trump_approval_str_disapprove_aw
Negative_FLAG: 30%

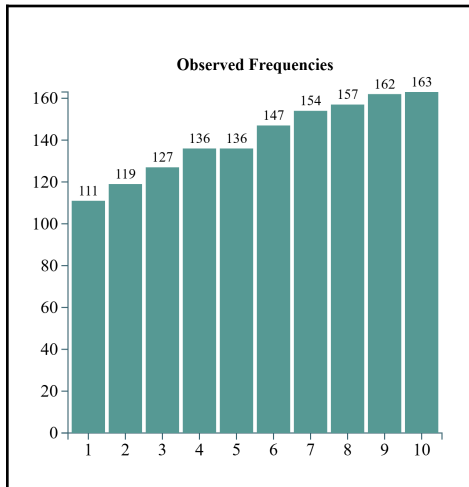


hs_trump_approval_gop

***Note: This score was limited to likely Republicans**

Dependent Variable: Respondents who answered 'strongly approve' vs those who answered 'strongly disapprove','somewhat disapprove','unsure or unfamiliar with','neither approve nor disapprove' – Limited to Likely GOPs

Internal Haystaq Model Name: donald_trump_approve_gop_str_aw
Positive_FLAG: 25%



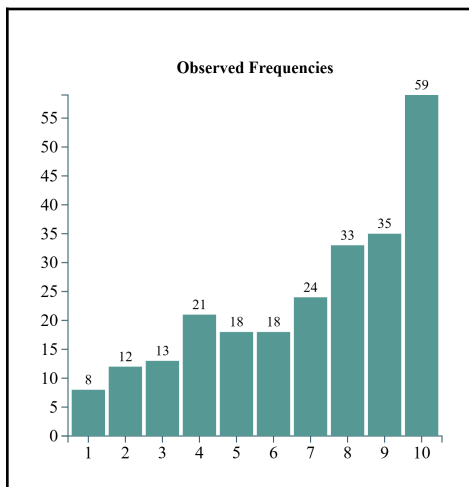
hs_trump_disapproval_gop

***Note:** This score was limited to likely Republicans

Dependent Variable: Respondents who answered 'strongly disapprove' vs those who answered 'strongly approve', 'somewhat approve', 'unsure or unfamiliar with', 'neither approve nor disapprove' – Limited to Likely GOPs

Internal Haystaq Model Name: donald_trump_approve_disapprove_gop_str_aw

Negative_FLAG: 10%



Candidates And Officials Trump Harris Double Dislike

Source questions:

Do you approve or disapprove of Vice President Kamala Harris?

Unsure or Unfamiliar ,Strongly Approve, Somewhat Approve, Neither Approve nor disapprove, Somewhat Disapprove, Strongly Disapprove

Do you approve or disapprove of former President Donald Trump?

Unsure or Unfamiliar, Strongly Approve, Somewhat Approve, Neither Approve or Disapprove, Somewhat Disapprove, Strongly Disapprove

Included fields:

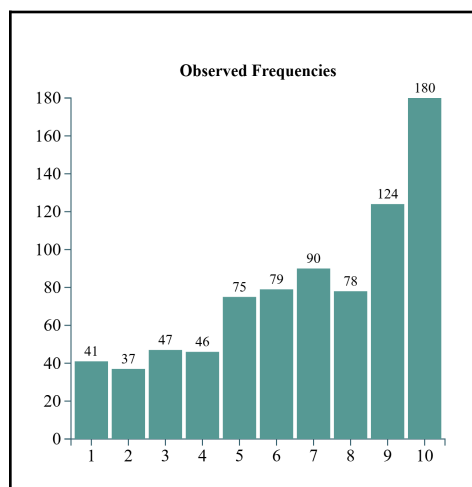
hs_trump_vs_harris_double_dislike

hs_trump_vs_harris_double_dislike

Dependent Variable: Respondents who answered 'Somewhat Disapprove' or, 'Strongly Disapprove' for both candidates vs those who answered 'Strongly Approve', 'Somewhat Approve', or 'Neither Approve nor disapprove' for one or both candidates

Internal Haystaq Model Name: harris_trump_double_dislike_aw

Positive_FLAG: 10%



Candidates and Officials –JD Vance

Source question:

Do you approve or disapprove of Vice President JD Vance?

Unsure or Unfamiliar, Strongly Approve, Somewhat Approve, Neither Approve nor disapprove, Somewhat Disapprove, Strongly Disapprove

Included fields:

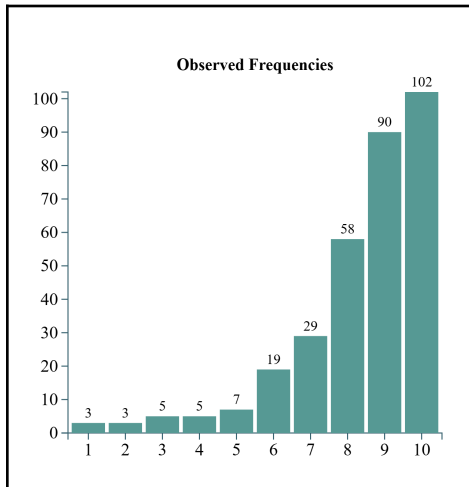
hs_jd_vance_approval,
 hs_jd_vance_disapproval,
 hs_jd_vance_approval_gop

hs_jd_vance_approval

Dependent Variable: Respondents who answered 'strongly approve' vs those who answered 'strongly disapprove','somewhat disapprove','unsure or unfamiliar','neither approve nor disapprove

Internal Haystaq Model Name: vance_approval_str_2w2

Positive_FLAG: 25%

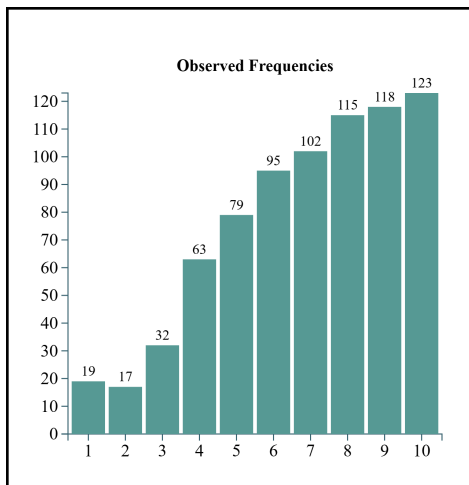


hs_jd_vance_disapproval

Dependent Variable: Respondents who answered 'strongly disapprove' vs those who answered 'strongly approve', 'somewhat approve', 'unsure or unfamiliar with', 'neither approve nor disapprove'

Internal Haystaq Model Name: vance_approval_str_disapprove_aw

Positive_FLAG: 30%

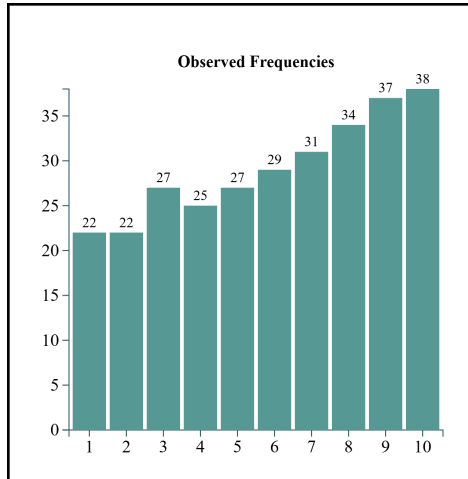


hs_jd_vance_approval_GOP

***Note:** This score was limited to likely Republicans

Dependent Variable: Respondents who answered 'strongly approve' vs those who answered 'strongly disapprove','somewhat disapprove','unsure or unfamiliar','neither approve nor disapprove – Limited to Likely GOPs

Internal Haystaq Model Name: vance_approve_gop_str_aw
Positive_FLAG: 30%



Capitalism (View of)

Source question:

Do you believe that our current capitalist economic system is thriving or failing? Do you believe: that the US economic system is fundamentally sound, that our system has minor flaws that can easily be fixed, that our economic system has major flaws that need large remedies, or that our economic system is fundamentally flawed and needs to be replaced?

Fundamentally Sound, Minor Flaws, Major Flaws, Fundamentally Flawed, Unsure

Included fields:

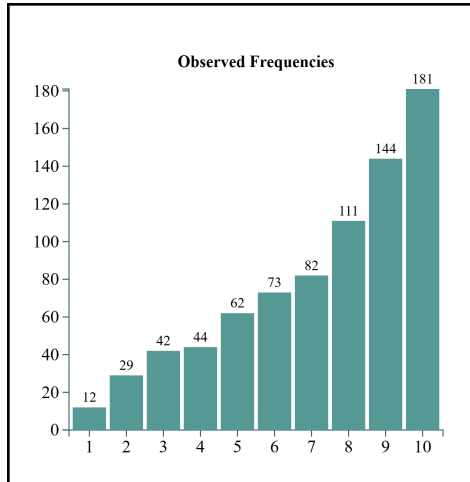
hs_capitalism_believe_flawed,
hs_capitalism_believe_sound

hs_capitalism_believe_flawed

Dependent Variable: Respondents who said 'fundamentally flawed' vs. those who said 'fundamentally sound' or 'minor flaws' or 'unsure'

Internal Haystaq Model Name: capitalism_fundamentally_flawed_aw2

Positive_FLAG: 15%

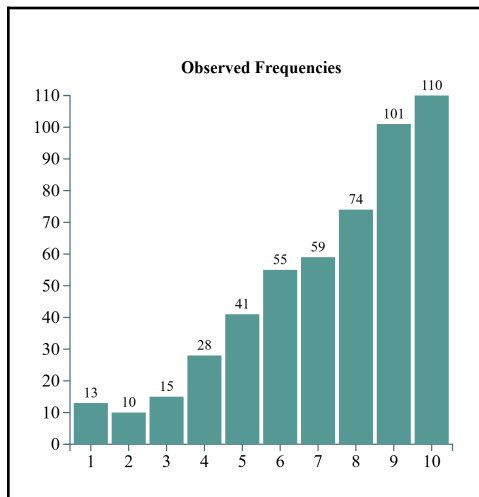


hs_capitalism_believe_sound

Dependent Variable: Respondents who said 'fundamentally sound' vs. those who said 'fundamentally flawed', 'major flaws', 'minor flaws', or 'unsure'

Internal Haystaq Model Name: capitalism_fundamentally_sound_aw

Negative_FLAG: 20%



Casinos

Source question:

Opponents of casinos say that they prey on low-income people, weaken nearby businesses and hurt property values while supporters say that casinos bring much-needed jobs and tax revenue. Knowing this, would you support a new or expanded casino in your area?

Support, Oppose, Unsure

Included fields:

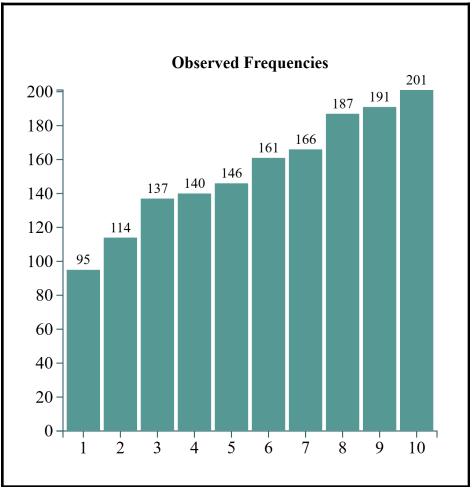
hs_casino_support,
hs_casino_oppose

hs_casino_support

Dependent Variable: Respondents who said 'support' vs. those who said 'oppose'

Internal Haystaq Model Name: casinos_support_2w

Positive_FLAG: 20%

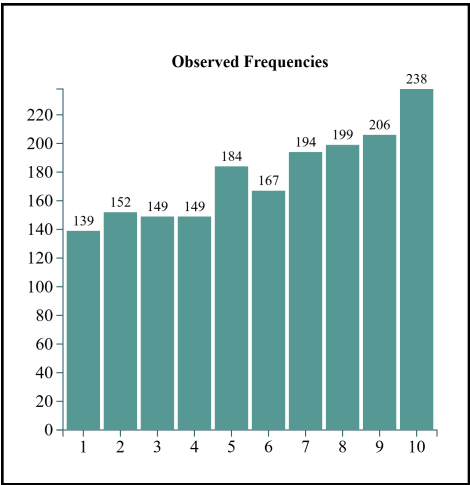


hs_casino_oppose

Dependent Variable: Respondents who said 'oppose' vs. those who said 'support', 'unsure'

Internal Haystaq Model Name: casinos_oppose_aw

Positive_FLAG: 20%c



Charity Type

Source question:

Which type of charity would you personally be most likely to support, one devoted to protecting the Environment, one supporting Military Members & Veterans, one associated with a Religious Organization, one benefiting a Performance Art organization or international aid organizations like Doctors without Borders or World Central Kitchen? Environment ,Veterans, Religious, Performing Arts, International Aid, None of The Above

Included fields:

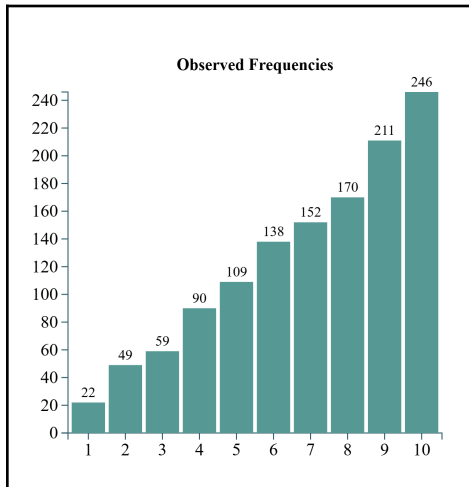
- hs_charity_giving_enviro_cause,
- hs_charity_giving_performing_arts,
- hs_charity_giving_relig_cause,
- hs_charity_giving_vet_cause,
- hs_charity_giving_medical_cause,

hs_charity_giving_enviro_cause

Dependent Variable: Respondents who said 'environment' vs. those who said 'veterans', 'religion', 'performing arts', 'international aid', or 'none of the above'

Internal Haystaq Model Name: charity_type_environment

FLAG: 15%

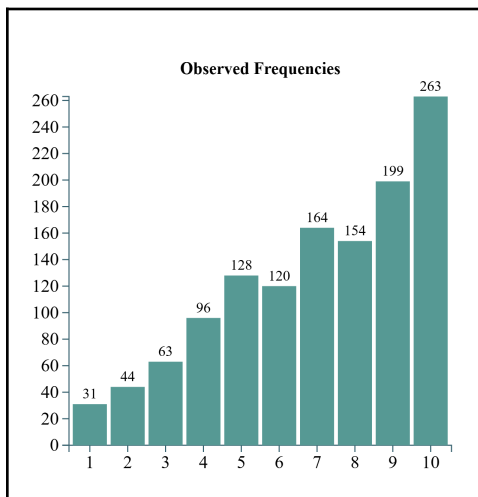


hs_charity_giving_vet_cause

Dependent Variable: Respondents who said 'veterans' vs. those who said 'environment', 'religious', 'performing arts', 'international aid', or 'none of the above'

Internal Haystaq Model Name: charity_type_veterans

FLAG: 15%

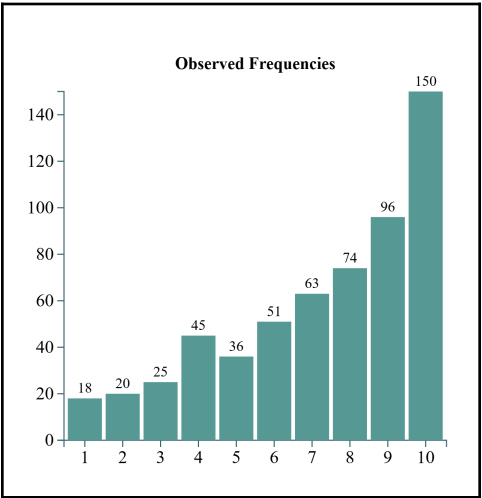


hs_charity_giving_relig_cause

Dependent Variable: Respondents who said 'religion' vs. those who said 'environment', 'veterans', 'performing arts', 'international aid', or 'none of the above'

Internal Haystaq Model Name: charity_type_religious

FLAG: 10%

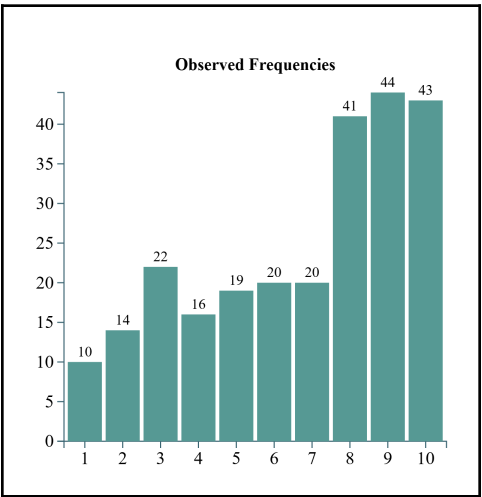


hs_charity_giving_performing_arts

Dependent Variable: Respondents who said 'performing arts' vs. those who said 'environment', 'religion', 'veterans', 'international aid', or 'none of the above'

Internal Haystaq Model Name: charity_type_performing_arts

FLAG: 10%

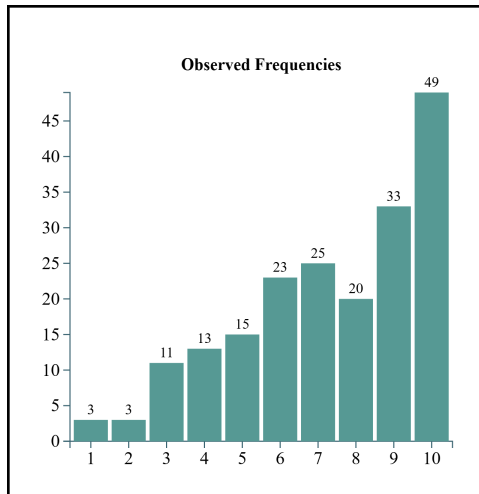


hs_charity_giving_international_aid

Dependent Variable: Respondents who said 'international aid' vs. those who said 'environment', 'religion', 'veterans', 'performing arts', or 'none of the above'

Internal Haystaq Model Name: charity_type_medical

FLAG: 10%



Charter Schools

Source question:

Many states allow charter schools, publicly-funded schools that are independently operated and exempt from some of the regulations that traditional public schools must follow. Do you think the expansion of charter schools is mostly a good thing or a bad thing?

Good Thing, Bad Thing, Unsure

Included fields:

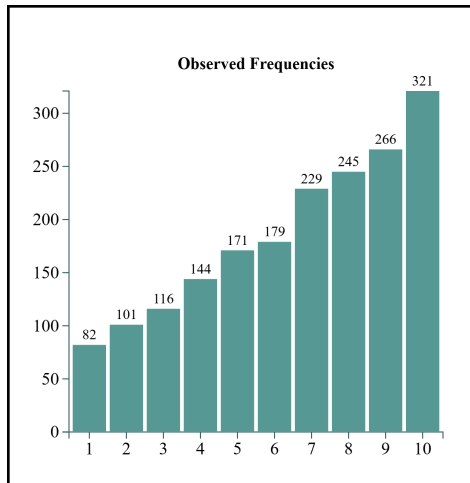
hs_charter_school_support,
hs_charter_school_oppose

hs_charter_school_support

Dependent Variable: Respondents who said 'good thing' vs. those who said 'bad thing' or 'unsure'

Internal Haystaq Model Name: charter_schools_support_aw

Positive_FLAG: 20%

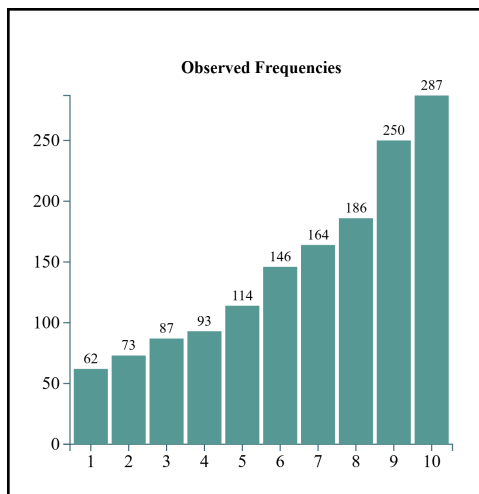


hs_charter_school_oppose

Dependent Variable: Respondents who said 'bad thing' vs. those who said 'good thing' or 'unsure'

Internal Haystaq Model Name: charter_schools_oppose_aw

Negative_FLAG: 20%



China Foreign Policy

Source question:

What comes closest to your opinion on China? That China is an important trade partner and we should find ways to work with them. Or that China represents an economic and military threat to the United States requiring a hardline approach?

Unsure, Work With China, or Hardline Approach

Included fields:

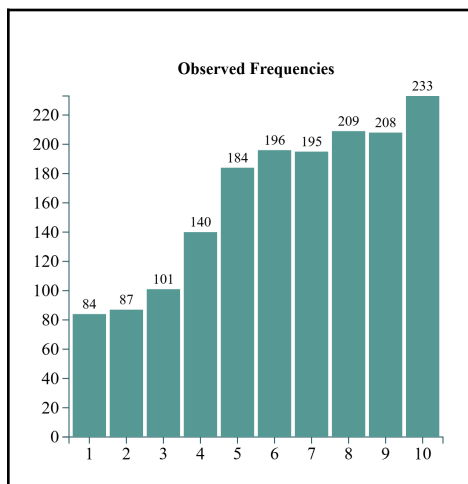
hs_china_foreign_policy_work_with,
hs_china_foreign_policy_advesarial

hs_china_foreign_policy_work_with

Dependent Variable: Respondents who answered ‘Work With China’ vs those who answered ‘Hardline Approach’

Internal Haystaq Model Name: china_work_with_2w

Positive_FLAG: 20%

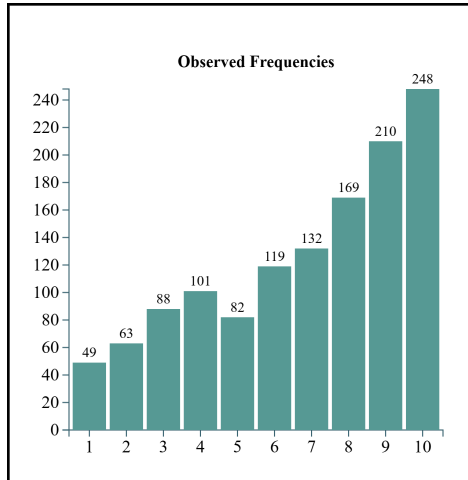


hs_china_foreign_policy_adversarial

Dependent Variable: Respondents who answered 'Hardline Approach' vs those who answered 'Work With China', 'Unsure'

Internal Haystaq Model Name: china_advesary_aw

Negative_FLAG: 20%



Church Attendance

Source question:

How often do you attend church, synagogue or mosque?

At least once a week, Almost every week, About once a month, Rarely, Never

Included fields:

hs_attends_church_frequently,

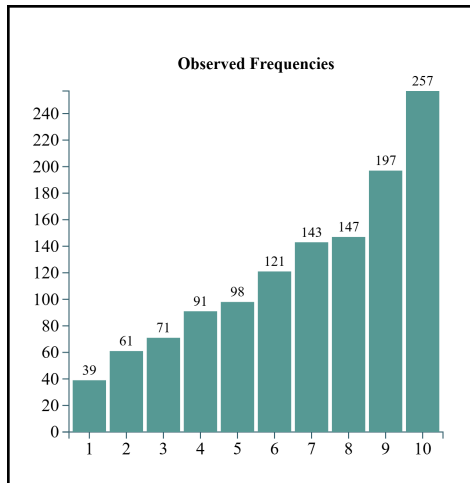
hs_attends_church_never

hs_attends_church_frequently

Dependent Variable: Respondents who said 'almost every week','at least once a week' vs. those who said 'rarely','never'

Internal Haystaq Model Name: church_attend_str_2w2

Positive_FLAG: 20%

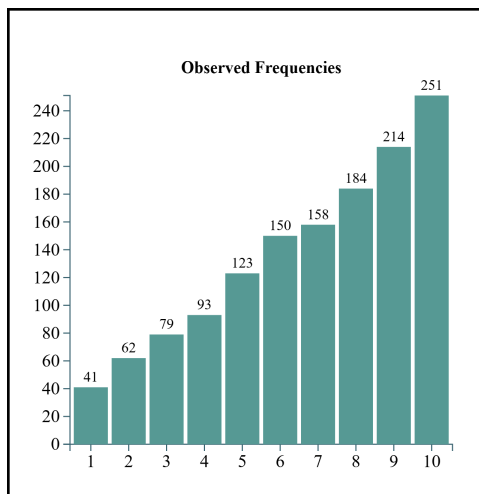


hs_attends_church_never

Dependent Variable: Respondents who said 'never' vs. those who said 'at least once a week', 'rarely', 'almost every week', 'about once a month'

Internal Haystaq Model Name: church_attend_never_aw

Negative_FLAG: 20%



Civil Liberties

Source question:

What concerns you more about law enforcement – that they have gone too far and are restricting the average person's civil liberties, or that they have not gone far enough and are not adequately protecting us?

Civil Liberties Too Restricted, Not Adequately Protecting Us, Undecided

Included fields:

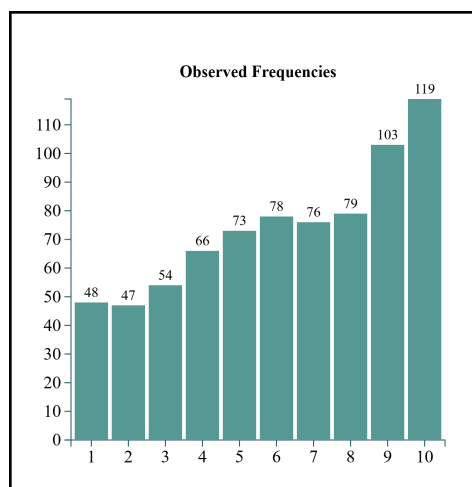
hs_civil_liberties_support,
hs_civil_liberties_oppose

hs_civil_liberties_support

Dependent Variable: Respondents who said 'Civil Liberties Too Restricted' vs. those who said 'Not Adequately Protecting Us'

Internal Haystaq Model Name: civil_liberties_support_2w

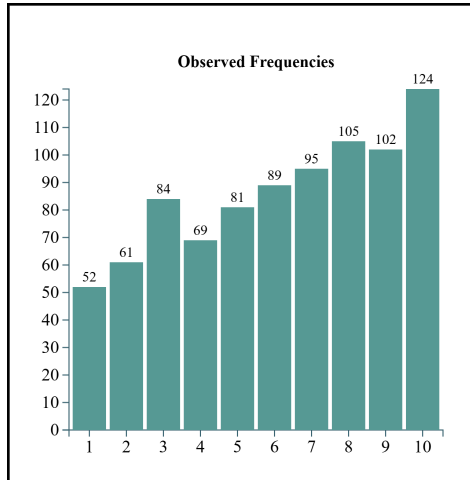
Positive_FLAG: 20%



hs_civil_liberties_oppose

Dependent Variable: Respondents who said 'Not Adequately Protecting Us' vs. those who said 'Civil Liberties Too Restricted' or 'Undecided'

Internal Haystaq Model Name: civil_liberties_oppose_aw
Negative_FLAG: 10%



Community College

Source question:

Should Community College be free of charge to enrolled students?
 Yes, No, Unsure

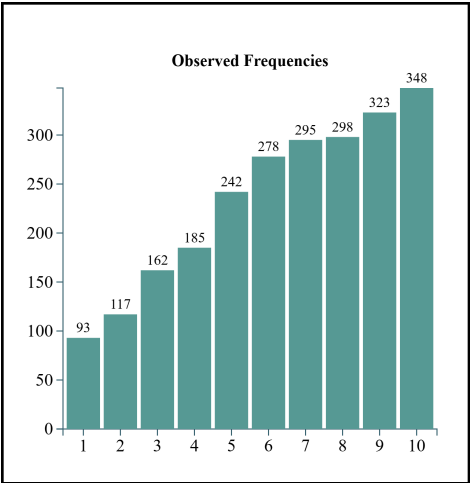
Included fields:

hs_community_college_free_oppose,
 hs_community_college_free_support

hs_community_college_free_support

Dependent Variable: Respondents who said 'yes free' vs. those who said 'no' or 'unsure'

Internal Haystaq Model Name: community_college_free_support_aw
Positive_FLAG: 30%

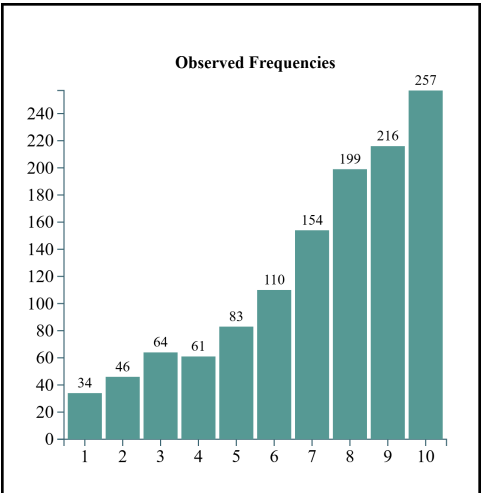


hs_community_college_free_oppose

Dependent Variable: Respondents who said 'no' vs. those who said 'yes free' or 'unsure'

Internal Haystaq Model Name: community_college_free_oppose_aw

Negative_FLAG: 30%



Conspiracy Believer

Source question:

In 2024, Hurricanes Milton and Helene made landfall in the United States and created devastation and flooding. Some politicians and political commentators believe these weather events were artificially created and controlled. Do you believe these weather events were artificially created and controlled?

Definitely Yes, Likely, Unlikely, Definitely No

Included fields:

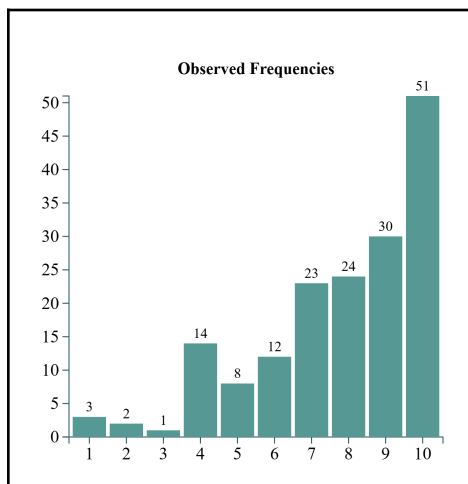
hs_conspiracy_believer,
hs_conspiracy_nonbeliever

hs_conspiracy_believer

Dependent Variable: Respondents who said 'definitely yes', 'likely', 'unlikely' vs. those who said 'definitely no'

Internal Haystaq Model Name: q_right_wing_conspiracy_possible_aw

FLAG: 10%



hs_conspiracy_nonbeliever

Dependent Variable: This DV is the inverse of the score above

Internal Haystaq Model Name: q_right_wing_conspiracy_possible_aw

FLAG: 30%

Consumer Values

Source question:

If you were shopping for a big ticket item such as a washing machine or a car, which of these is your most important consideration: Sales/Discounts, Brand Reputation for Quality or Environmental Impact?

Included fields:

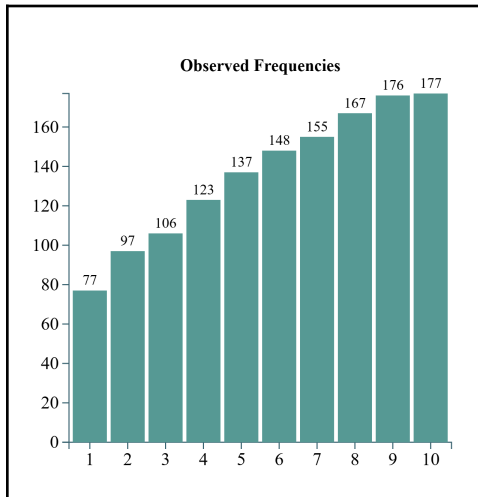
hs_consumer_value_low_cost,
hs_consumer_value_brand_savings,
hs_consumer_value_environment

hs_consumer_value_low_cost

Dependent Variable: Respondents who said 'sales' vs. those who said 'reputation','environmental impact'

Internal Haystaq Model Name: consumer_values_low_cost_aw

FLAG: 20%

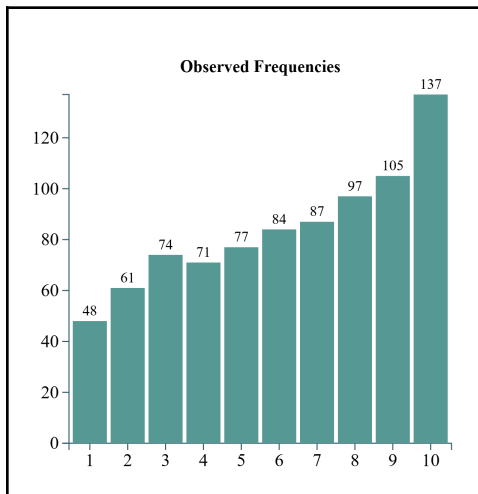


hs_consumer_value_brand_savings

Dependent Variable: Respondents who said 'reputation' vs. those who said 'environmental impact','sales'

Internal Haystaq Model Name: consumer_values_savings_aw

FLAG: 15%

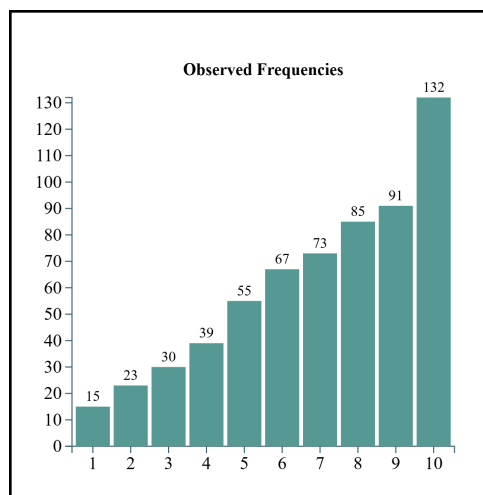


hs_consumer_value_environment

Dependent Variable: Respondents who said 'environmental impact' vs. those who said 'sales' or 'reputation'

Internal Haystaq Model Name: consumer_values_environment_aw

FLAG: 10%



Critical Race Theory

Source question:

Do you think it is ok to remove books from public school libraries based on content such as discussions of slavery or racial inequality, discussions of homosexual or transexual issues or criticisms of US history or historical figures?

Remove all/any Books with this Content, Remove some of this content, Never Restrict Books based on this Content, Unsure

Included fields:

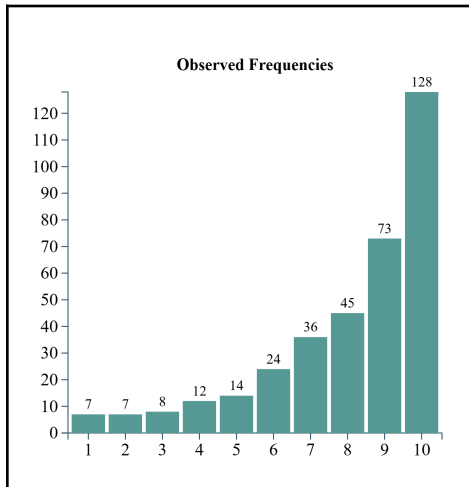
hs_critical_race_theory_books_ban,
hs_critical_race_theory_books_do_not_ban

hs_critical_race_theory_books_ban

Dependent Variable: Respondents who said 'ban all' vs. those who said 'ban none'

Internal Haystaq Model Name: crt_ban_all_problematic_books_2w

Positive_FLAG: 10%

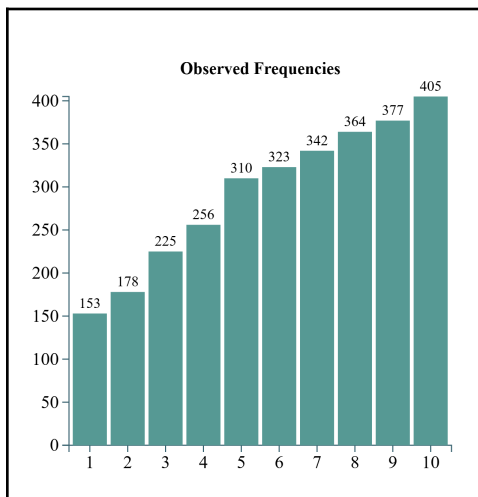


hs_critical_race theory_books_do_not_ban

Dependent Variable: Respondents who said 'ban none' vs. those who said 'ban all', 'ban some', or 'unsure'

Internal Haystaq Model Name: crt_do_not_ban_books_aw

Negative_FLAG: 25%



Crypto Buyers

Source question:

How likely are you to buy crypto currency in the next year?

Unsure or Unfamiliar with Crypto, Highly Likely, Somewhat Likely, Somewhat Unlikely, Highly Unlikely

Included fields:

hs_crypto_buyer_yes,

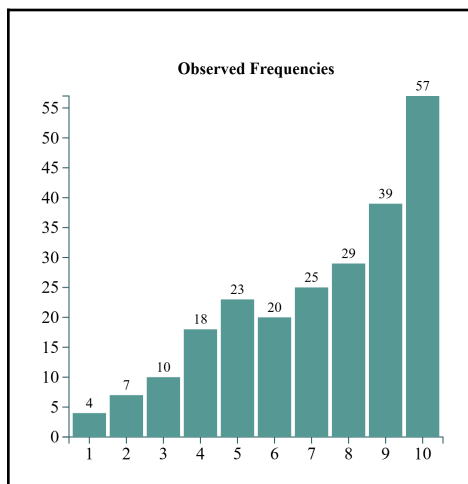
hs_crypto_buyer_no

hs_crypto_buyer_yes

Dependent Variable: Respondents who said 'highly likely', 'somewhat likely' vs. those who said 'somewhat unlikely', 'highly unlikely', 'unsure'

Internal Haystaq Model Name: crypto_buyers_aw

FLAG: 10%

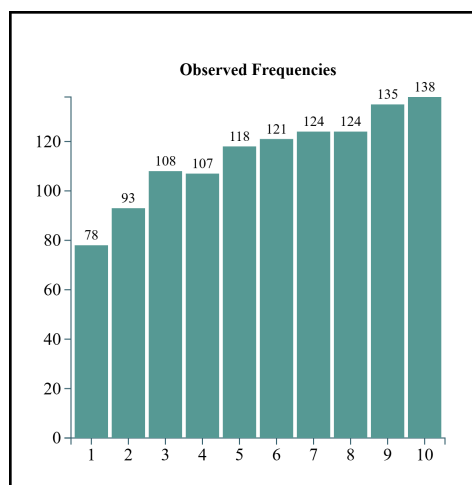


hs_crypto_buyer_no

Dependent Variable: Respondents who said 'somewhat unlikely', 'highly unlikely', 'vs. those who said 'highly likely','somewhat likely','unsure

Internal Haystaq Model Name: crypto_buyers_no_aw

FLAG: 40%



Crypto Currency

Source question:

How do you feel about the government's role in regulating crypto currencies like Bitcoin? Should the government have NO role in regulating crypto currency? Do you believe the current rules and regulations are generally sufficient? Do you believe the government should do more to protect the public? Or do you believe crypto currencies should be severely restricted or banned?

No Role, Current Rules OK, More to Protect the Public, Severe Restrictions, Unsure

Included fields:

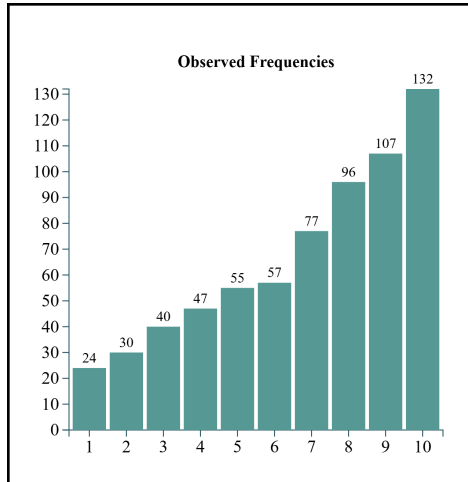
hs_crypto_increase_restrictions,
 hs_crypto_reduce_restrictions,
 hs_crypto_reduce_leave_as_is

hs_crypto_reduce_restrictions

Dependent Variable: Respondents who said 'no role' vs. those who said 'protect more', 'severe restrictions', 'current rules ok', or 'unsure'

Internal Haystaq Model Name: crypto_reduce_restrictions_aw

FLAG: 20%

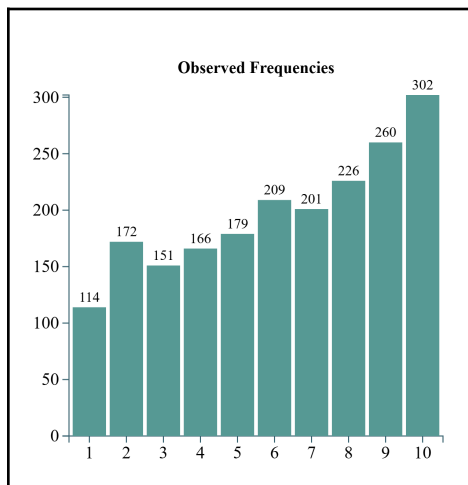


hs_crypto_increase_restrictions

Dependent Variable: Respondents who said 'protect more','severe restrictions' vs. those who said 'no role','unsure','current rules ok'

Internal Haystaq Model Name: crypto_increase_restrictions_aw

FLAG: 20%

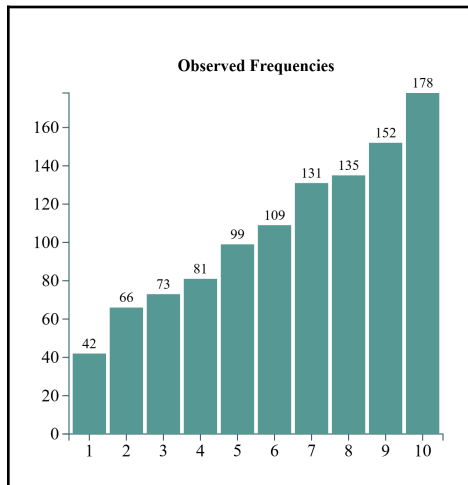


hs_crypto_leave_as_is

Dependent Variable: Respondents who said 'no role', 'current rules ok' vs. those who said 'protect more','severe restrictions' or 'unsure'

Internal Haystaq Model Name: crypto_leave_as_is_aw

FLAG: 20%



Death Penalty

Source question:

Do you favor or oppose the death penalty?

Strongly Favor, Somewhat Favor, Somewhat Oppose, Strongly Oppose, Unsure

Included fields:

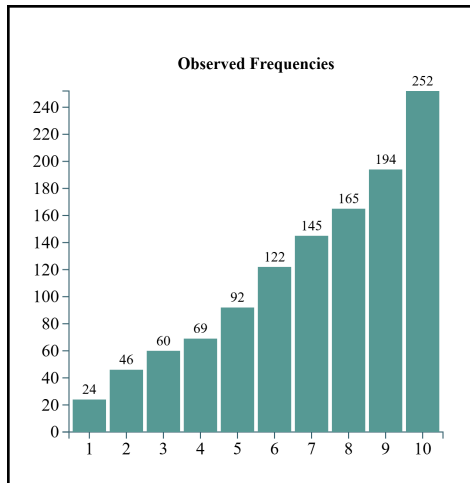
hs_death_penalty_oppose,
hs_death_penalty_support,

hs_death_penalty_support

Dependent Variable: Respondents who said 'strongly favor' vs. those who said 'strongly oppose', 'somewhat oppose', or 'unsure'

Internal Haystaq Model Name: death_penalty_str_support_aw

Positive_FLAG: 20%

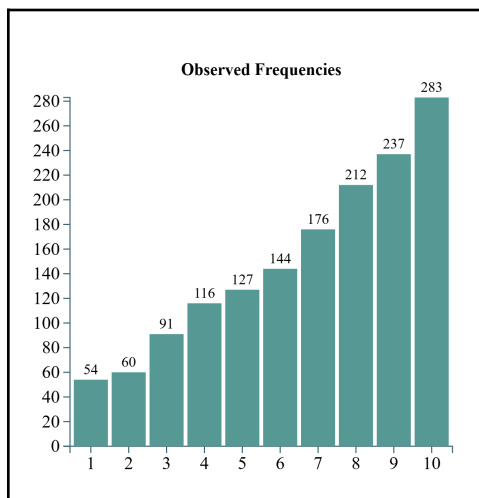


hs_death_penalty_oppose

Dependent Variable: Respondents who said 'strongly oppose', 'somewhat oppose' vs. those who said 'strongly favor', 'somewhat favor', or 'unsure'

Internal Haystaq Model Name: death_penalty_oppose_aw

Negative_FLAG: 20%



Defense Spending

Source question:

What do you think of the US Defense Department's budget? Should the DoD budget be: greatly reduced, slightly reduced, left where it is, slightly increased, or greatly increased?

No Opinion, Greatly Reduced, Slightly Reduced, Left Where it Is, Slightly Increased, Greatly Increased

Included fields:

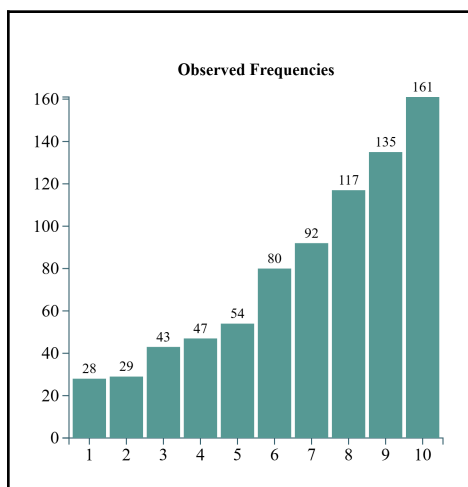
hs_defense_spending_reduce,
hs_defense_spending_increase

hs_defense_spending_reduce

Dependent Variable: Respondents who said 'greatly reduced' vs. those who said 'greatly increased','slightly increased'

Internal Haystaq Model Name: defense_spending_greatly_reduce_2w2

FLAG: 25%

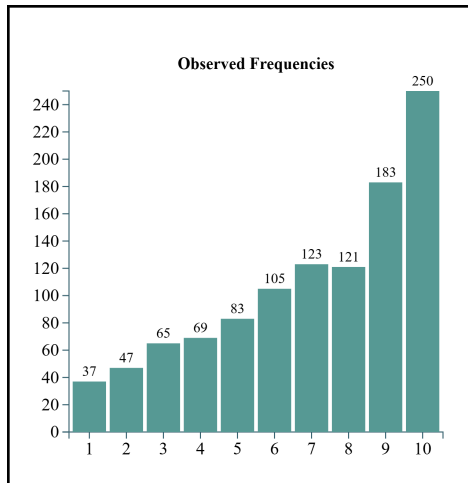


hs_defense_spending_increase

Dependent Variable: Respondents who said 'greatly increased','slightly increased' vs. those who said 'greatly reduced','slightly reduced','no opinion', 'ok'

Internal Haystaq Model Name: defense_spending_increase_aw

FLAG: 20%



DEI

Source question:

Many companies, universities and organizations run DEI or Diversity, Equity and Inclusion initiatives. Do you consider DEI programs to be a positive thing or a negative thing?

Unsure or Unfamiliar ,Very Positive, Somewhat Positive ,Somewhat Negative ,Very Negative

Included fields:

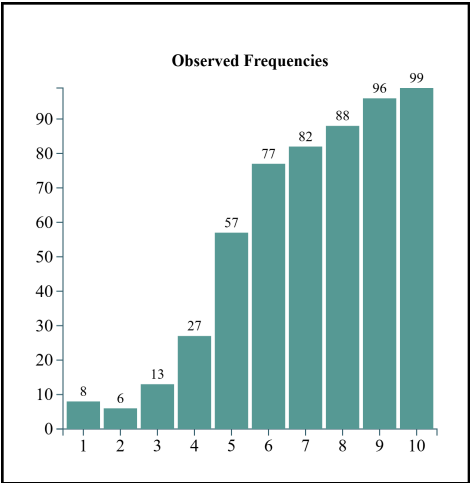
hs_dei_oppose,
hs_dei_support

hs_dei_support

Dependent Variable: Respondents who said 'Very Positive' vs. those who said 'Somewhat Negative' or 'Very Negative' or 'unsure'

Internal Haystaq Model Name: dei_positive_str_aw

Positive_FLAG: 20%

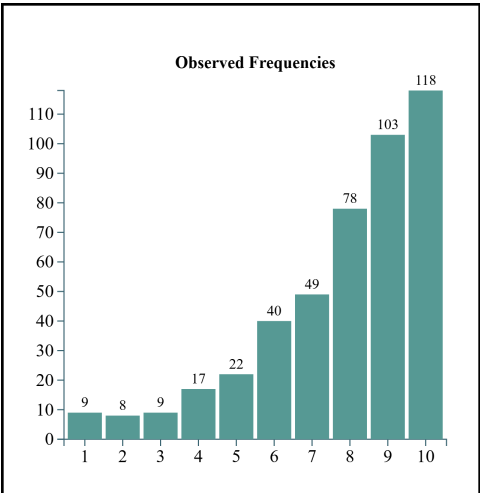


hs_dei_oppose

Dependent Variable: Respondents who said 'somewhat negative','very negative' vs. those who said "somewhat positive",'very positive','unsure'

Internal Haystaq Model Name: dei_negative_aw

Negative_FLAG: 20%



Democrat (Type of)

Source question:

Would you say you more closely align with progressive Democrats like Bernie Sanders, Elizabeth Warren and AOC or more moderate Democrats like Kamala Harris, Nancy Pelosi, and Chuck Schumer?

Progressives, Moderates, Unsure

Included fields:

hs_democratic_partisanship_progressive_vs_moderate_moderate,
hs_democratic_partisanship_progressive_vs_moderate_progressive

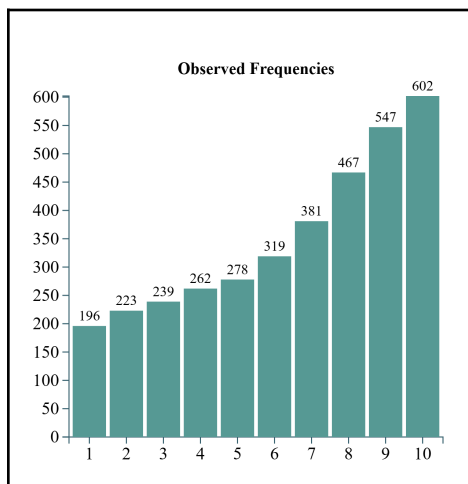
hs_democratic_partisanship_progressive_vs_moderate_progressive

***note: this score was limited to likely Democrats**

Dependent Variable: Respondents who said 'progressives' vs. those who said 'moderates' or 'unsure'

Internal Haystaq Model Name: dem_type_progressive_aw

FLAG: 20%



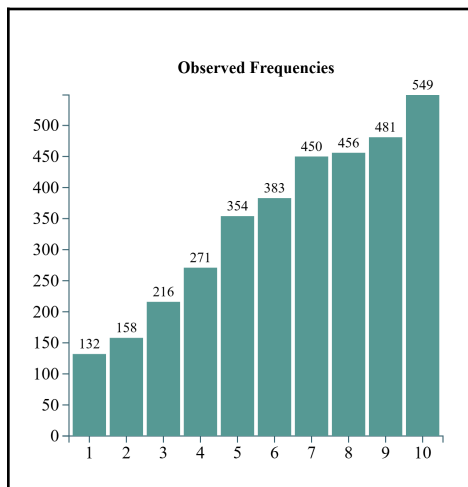
hs_democratic_partisanship_progressive_vs_moderate_moderate

***Note:** This score was limited to likely Democrats

Dependent Variable: Respondents who said 'moderates' vs. those who said 'progressives' or 'unsure'

Internal Haystaq Model Name: dem_type_moderate_aw

FLAG: 20%



Despondency

Source question:

How close are you to where you thought you would be at this stage of your life?

Far Ahead, A little Ahead, On Pace, A little Behind, Far Behind

Included fields:

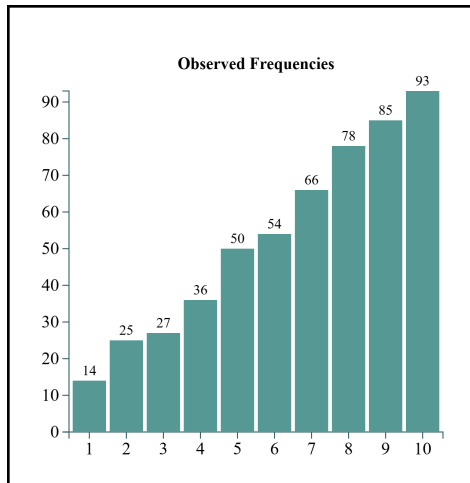
hs_economic_despondency_far_behind,
hs_economic_despondency_on_pace,
hs_economic_despondency_far_ahead

hs_economic_despondency_far_behind

Dependent Variable: Respondents who answered 'far behind' vs those who answered 'far ahead', 'a little ahead', 'on pace'

Internal Haystaq Model Name: despondency_far_behind_aw

Positive_FLAG: 25%

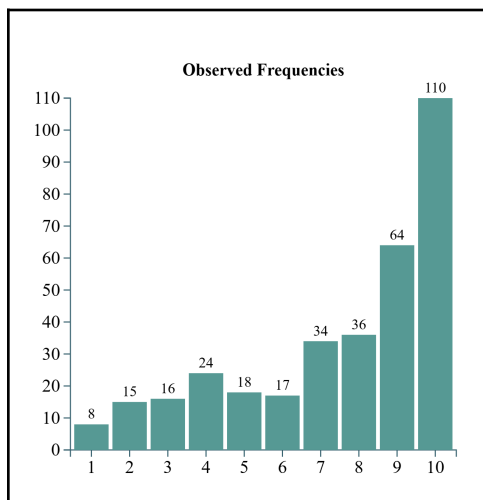


hs_economic_despondency_ahead

Dependent Variable: Respondents who answered "far ahead" vs those who answered 'a little behind', 'far behind'

Internal Haystaq Model Name: despondency_far_ahead_2w2

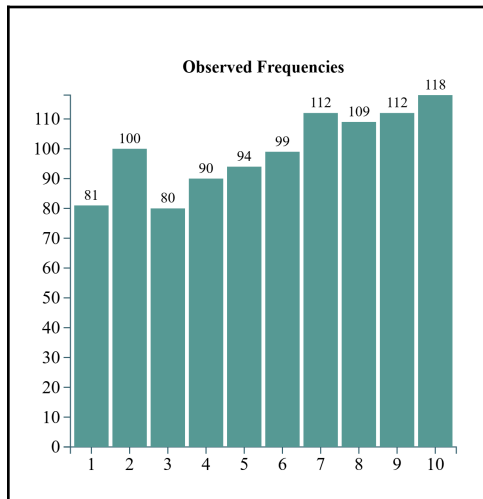
Negative_FLAG: 10%



hs_economic_despondency_on_pace

Dependent Variable: Respondents who answered "on pace" vs those who answered 'far ahead','a little ahead','a little behind','far behind'

Internal Haystaq Model Name: despondency_on_pace_aw
Negative_FLAG: 20%



DOGE

Source question:

President Trump created DOGE headed by Elon Musk and tasked it with cutting \$1 Trillion from the federal budget. Do you support or oppose the creation of the department and the actions it has taken?

Unsure, Strongly Support, Somewhat Support, Somewhat Oppose, Strongly Oppose

Included fields:

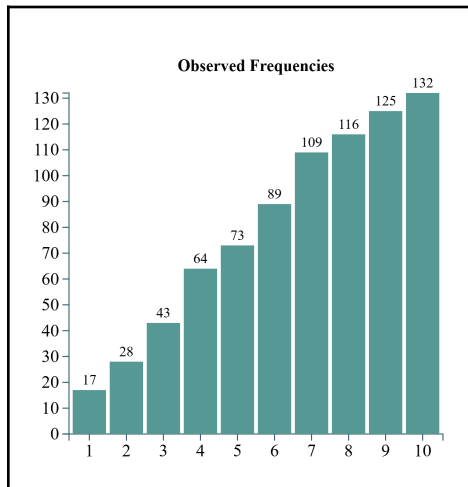
hs_doge_oppose,
hs_doge_support

hs_doge_oppose

Dependent Variable: Respondents who said 'strongly oppose' vs. those who said 'unsure','somewhat support' 'strongly support'

Internal Haystaq Model Name: doge_str_oppose_aw

FLAG: 30%

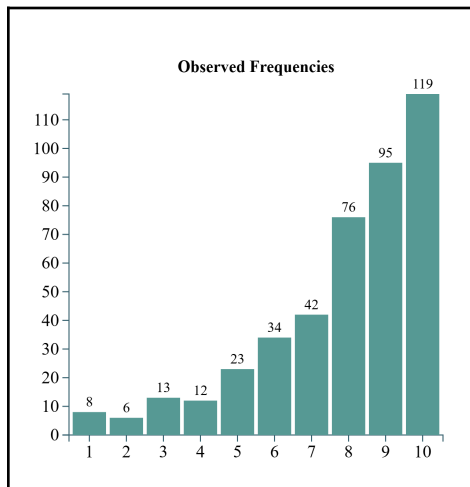


hs_doge_support

Dependent Variable: Respondents who said 'strongly support' vs. those who said 'strongly oppose','somewhat oppose', 'unsure','somewhat support'

Internal Haystaq Model Name: doge_str_support_aw3

FLAG: 20%



Early Voting

Source:

Vote history method of voting available on the voter file.

Included fields:

hs_likely_early_voter

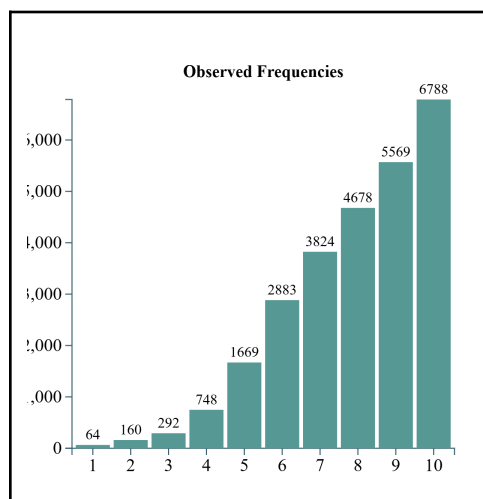
hs_likely_early_voter

Dependent Variable: Registered voters who voted early in the 2020 presidential election vs. those who were eligible to vote in the 2020 presidential election but did not vote, in states where there was early voting.

Internal Haystaq Model Name: voted_early_v_all_eligible_voters_score

Positive_FLAG: 20%

Negative_FLAG: bottom 50%



Economic Anxiety

Source question:

How worried are you about things like your job security, having enough money for your retirement, or your children's economic prospects?

Very Worried, Somewhat Worried, Not Worried , Unsure

Included fields:

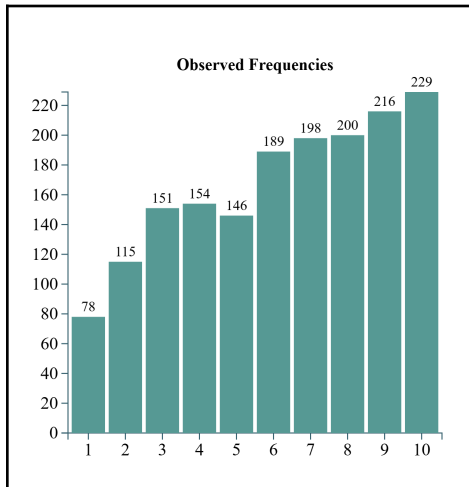
hs_econ_anxiety_very_worried,
hs_econ_anxiety_not_worried

hs_econ_anxiety_very_worried

Dependent Variable: Respondents who said 'very worried' vs. those who said 'not worried'

Internal Haystaq Model Name: economic_anxiety_str_2w

FLAG: 20%

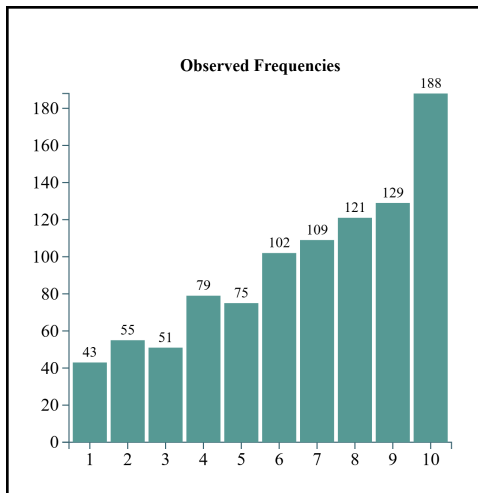


hs_econ_anxiety_not_worried

Dependent Variable: Respondents who said 'not worried' vs. those who said 'very worried', 'somewhat worried', 'unsure'

Internal Haystaq Model Name: economic_anxiety_none_aw

FLAG: 10%



Electric Vehicle Ownership

Source question:

How likely are you to own or buy a fully electric vehicle in the next three years?
UnLikely, Somewhat likely, Extremely likely, I Already Own an Electric Vehicle

Included fields:

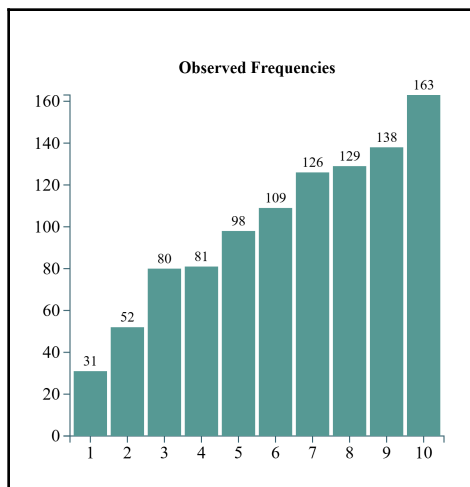
hs_electric_vehicle_likely_buyer,
hs_electric_vehicle_not_likely

hs_electric_vehicle_likely_buyer

Dependent Variable: Respondents who answered 'already own', 'extremely likely', 'somewhat likely' vs those who answered 'unlikely'

Internal Haystaq Model Name: electric_vehicle_likely_buyer_aw3

Positive_FLAG: 10%

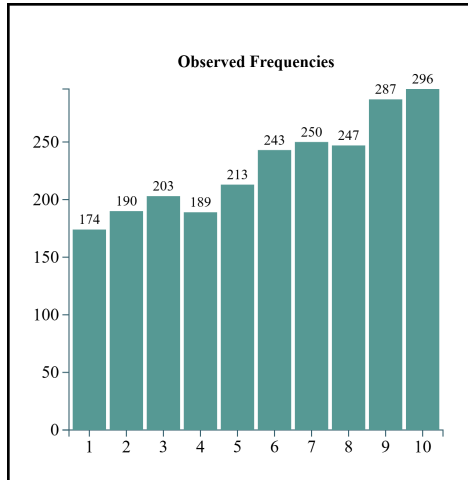


hs_electric_vehicle_not_likely

Dependent Variable: Respondents who answered 'unlikely' vs those who answered 'already own', 'extremely likely', 'somewhat likely'

Internal Haystaq Model Name: electric_vehicle_buyer_no_aw

Negative_FLAG: 20%



Environment- Climate Change

Source question:

From what you've read and heard, is there solid evidence that the average temperature on earth has been getting warmer over the past few decades as a result of human activity?

Yes, No, Unsure

Included fields:

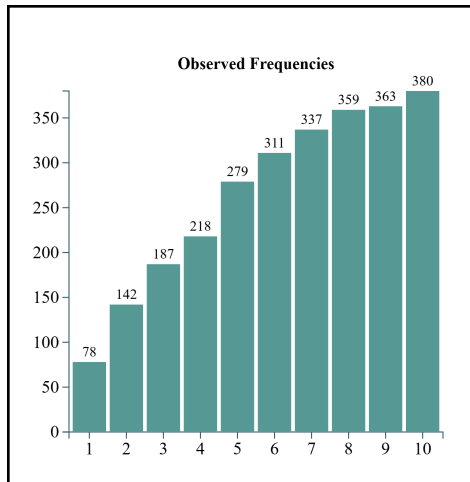
hs_climate_change_believer,
hs_climate_change_nonbeliever

hs_climate_change_believer

Dependent Variable: Respondents who said 'yes' vs. those who said 'no', 'unsure'

Internal Haystaq Model Name: climate_change_evidence_aw

Positive_FLAG: 30%

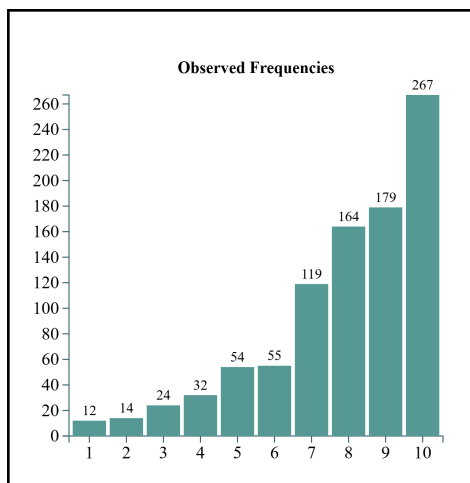


hs_climate_change_nonbeliever

Dependent Variable: Respondents who said 'no' vs. those who said 'yes', 'unsure'

Internal Haystaq Model Name: climate_change_no_evidence_aw

Negative_FLAG: 10%



Family Medical Leave

Source question:

Do you support or oppose paid family and medical leave for all US workers?

Strongly Support, Somewhat Support, Somewhat Oppose, Strongly Oppose, Unsure

Included fields:

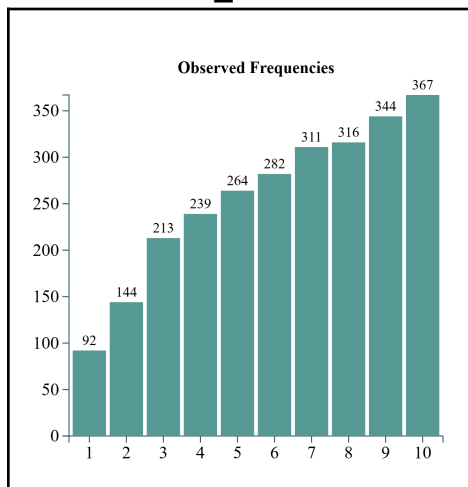
hs_family_medical_leave_oppose,
hs_family_medical_leave_support

hs_family_medical_leave_support

Dependent Variable: Respondents who said 'strongly support' vs. those who said 'strongly opposed', 'somewhat opposed', 'neutral/unsure'

Internal Haystaq Model Name: family_medical_leave_str_support_aw2

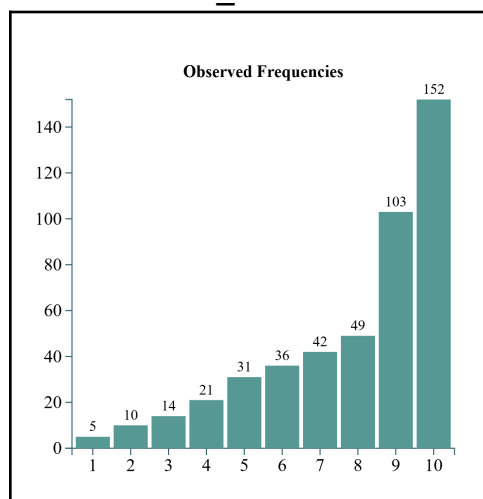
Positive_FLAG: 20%



hs_family_medical_leave_oppose

Dependent Variable: Respondents who said 'strongly opposed', 'somewhat opposed' vs. those who said 'strongly support', 'somewhat support', 'neutral/unsure'

Internal Haystaq Model Name: family_medical_leave_oppose_aw
Positive_FLAG: 20%



Federal Lands (Plan to Sell)

Source question:

President Trump plans to sell federal lands to create a sovereign wealth fund, a federally-owned investment fund. Do you support or oppose this plan?

Unsure, Strongly Support, Somewhat Support, Somewhat Oppose, Strongly Oppose

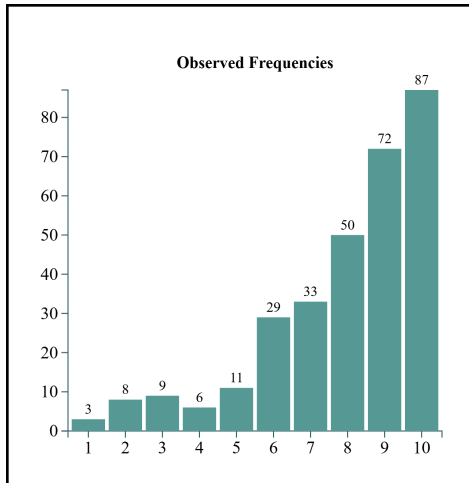
Included fields:

hs_sell_federal_lands_oppose,
 hs_sell_federal_lands_support

hs_sell_federal_lands_support

Dependent Variable: Respondents who answered 'strongly support' or 'somewhat support' vs those who answered 'somewhat disapprove' or 'strongly disapprove'

Internal Haystaq Model Name: sell_federal_lands_support_2w
Positive_FLAG: 20%

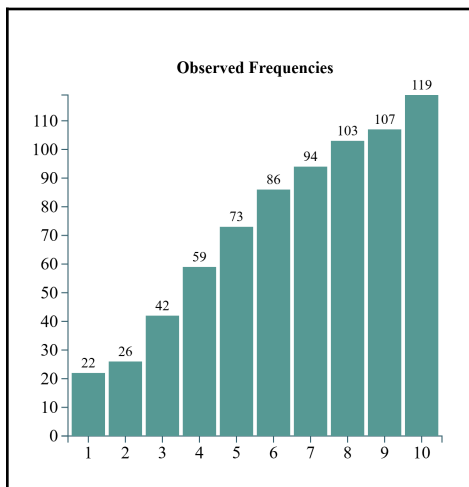


hs_sell_federal_land_oppo

Dependent Variable: Respondents who answered 'strongly oppose' vs those who answered 'strongly support','somewhat support','unsure'

Internal Haystaq Model Name: sell_federal_land_strongly_oppose_aw

Positive_FLAG: 30%



Felons Voting

Source question:

Right now, some people who have been convicted of a felony and have served their sentence are not allowed to vote. Do you think that a felon who has paid their debt to society should be allowed the opportunity to vote, or do you think felons forfeited their right to vote?

Should be Allowed to Vote, Should Not Allowed to Vote, Unsure

Included fields:

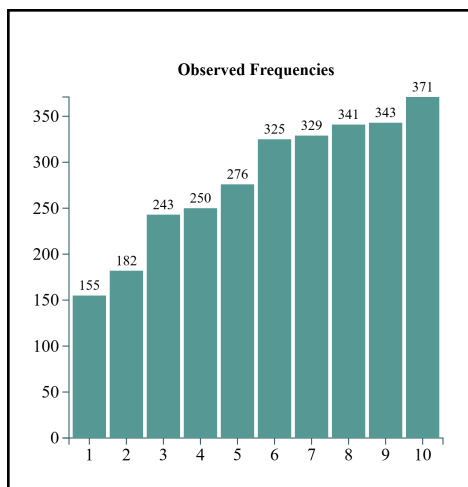
hs_felon_voting_support,
hs_felon_voting_oppose

hs_felon_voting_support

Dependent Variable: Respondents who said 'allowed' vs. those who said 'not allowed', 'unsure'

Internal Haystaq Model Name: felons_voting_support_aw

Positive_FLAG: 20%

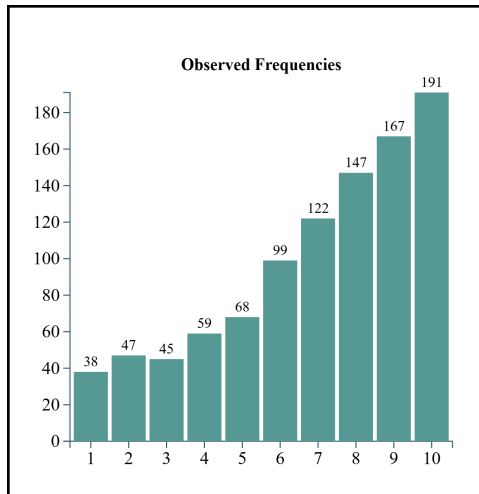


hs_felon_voting_oppose

Dependent Variable: Respondents who said 'not allowed' vs. those who said 'allowed', 'unsure'

Internal Haystaq Model Name: felons_voting_oppose_aw

Negative_FLAG: 20%



FEMA State Level

Source question:

Do you support the idea of getting rid of FEMA or the Federal Emergency Management Agency and replacing it with state level Emergency Management?

Unsure, Strongly Support, Somewhat Support, Somewhat Oppose, Strongly Oppose

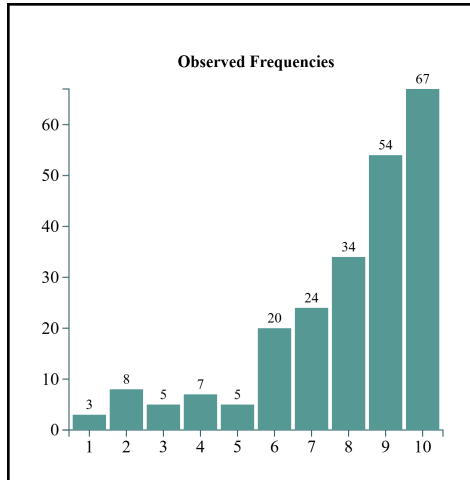
Included fields:

hs_state_level_fema_oppose,
hs_state_level_fema_support

hs_state_level_fema_support

Dependent Variable: Respondents who said 'strongly support' vs. those who said 'strongly oppose','somewhat oppose'

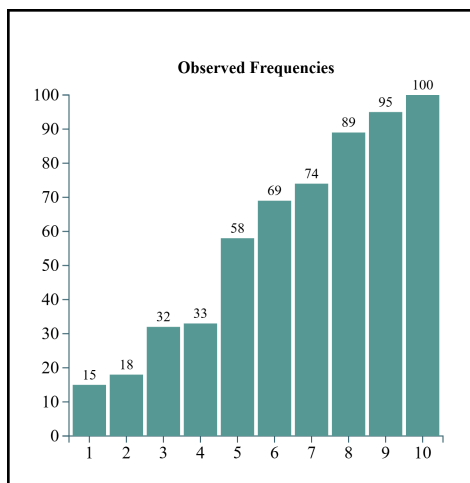
Internal Haystaq Model Name: fema_state_level_str_support_aw2
Positive_FLAG: 20%



hs_state_level_fema_oppose

Dependent Variable: Respondents who said 'strongly oppose' vs. those who said 'strongly support', 'somewhat support', 'unsure'

Internal Haystaq Model Name: fema_state_level_str_oppose_aw
Positive_FLAG: 30%



Female Candidates

Source question:

Thinking of candidates for political office, with all other factors being equal, do you prefer to support a woman over an equally-qualified man?

Favor Women, Do Not Favor Women, Don't Consider Gender

Included fields:

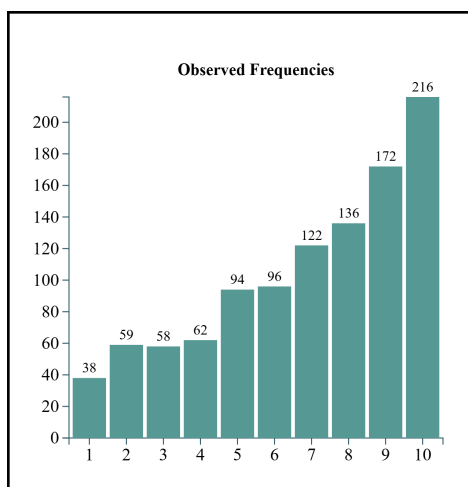
hs_candidate_female_prefer,
hs_candidate_female_do_not_prefer

hs_candidate_female_prefer

Dependent Variable: Respondents who said 'favor' vs. those who said 'do not favor', 'do not consider'

Internal Haystaq Model Name: female_candidates_prefer_aw

Positive_FLAG: 10%

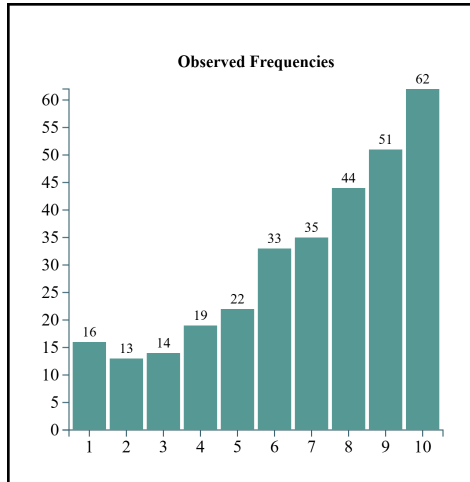


hs_candidate_female_do_not_prefer

Dependent Variable: Respondents who said 'not favor' vs. those who said 'favor', 'do not consider'

Internal Haystaq Model Name: female_candidates_not_prefer_aw

Positive_FLAG: 20%



Gas Tax

Source question:

In general, would you support or oppose increased taxes on gas to fund road repairs?
Strongly Support Increased Gas Tax, Somewhat Support Increased Gas Tax,
Neutral/Unsure, Somewhat Oppose Increased Gas Tax, Strongly Oppose Increased
Gas Tax

Included fields:

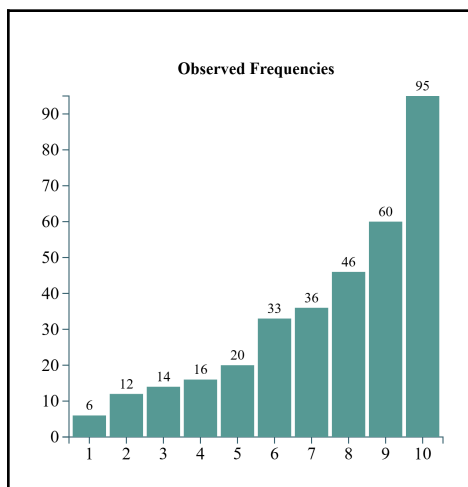
hs_gas_tax_support,
hs_gas_tax_oppose

hs_gas_tax_support

Dependent Variable: Respondents who said 'strongly support' vs. those who said 'strongly oppose', 'neutral/unsure', 'somewhat oppose'

Internal Haystaq Model Name: gas_tax_support_str_aw

Positive_FLAG: 15%

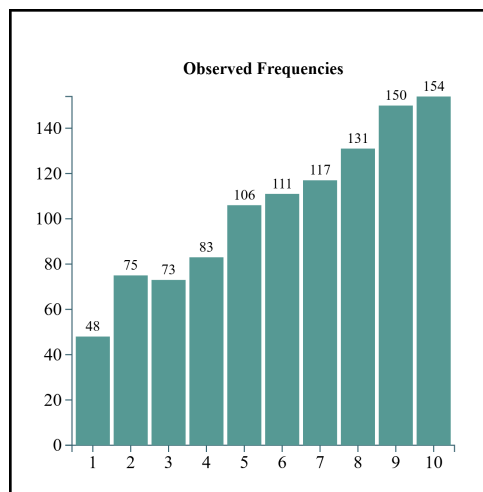


hs_gas_tax_oppose

Dependent Variable: Respondents who said 'strongly opposed', 'somewhat opposed' vs. those who said 'strongly support', 'somewhat support', 'neutral/unsure'

Internal Haystaq Model Name: gas_tax_oppose_aw2

Negative_FLAG: 25%



General Vaccines

Source question:

Separate from Covid-19, how do you feel about mandating childhood vaccinations such as Measles, Mumps and Rubella for all children who have fully functional immune systems? Do you believe: 1. childhood vaccinations should be required, 2. vaccinations should be heavily encouraged, but not required, 3. families should make their own choices, or 4. vaccinations should be discouraged?

Required, Encouraged, Family Choice, Discouraged, Unsure

Included fields:

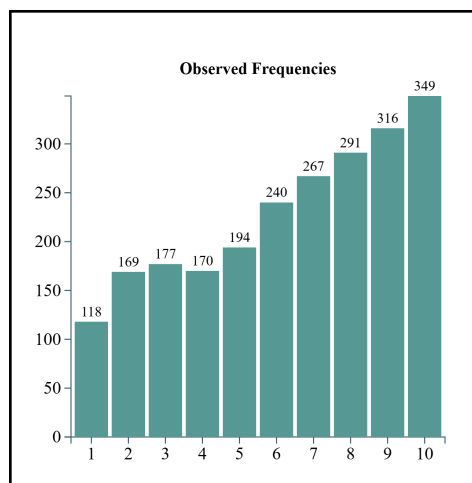
hs_general_anti_vax_pro_vax

hs_general_anti_vax_pro_vax

Dependent Variable: Respondents who answered 'required' vs those who answered 'family choice','discouraged','unsure','encouraged'

Internal Haystaq Model Name: general_anti_vax_str_pro_vax_aw2

Positive_FLAG: 30%



Gentrification

Source question:

What is your opinion on gentrification, the process where cities and neighborhoods change as wealthier people move into poorer neighborhoods?

Mostly Positive, Mostly Harmful, Unsure

Included fields:

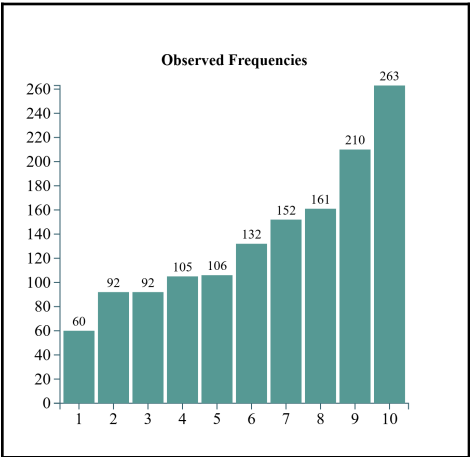
hs_gentrification_oppose,
hs_gentrification_support

hs_gentrification_oppose

Dependent Variable: Respondents who said 'mostly harmful' vs. those who said 'mostly positive' or 'unsure'

Internal Haystaq Model Name: gentrification_mostly_harmful_aw

FLAG: 20%

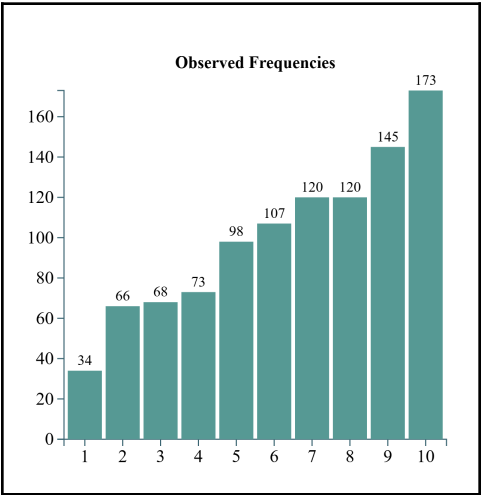


hs_gentrification_support

Dependent Variable: Respondents who said 'mostly positive' vs. those who said 'mostly harmful' or 'unsure'

Internal Haystaq Model Name: gentrification_mostly_positive_2w

FLAG: 15%



Gig Opinion

Source question:

Should “gig economy” companies like Uber, Lyft and Instacart be allowed to continue to treat their workers as independent contractors or should they be required to treat them as employees with access to benefits.

Independent Contractors, Employees with Benefits, Unsure

Included fields:

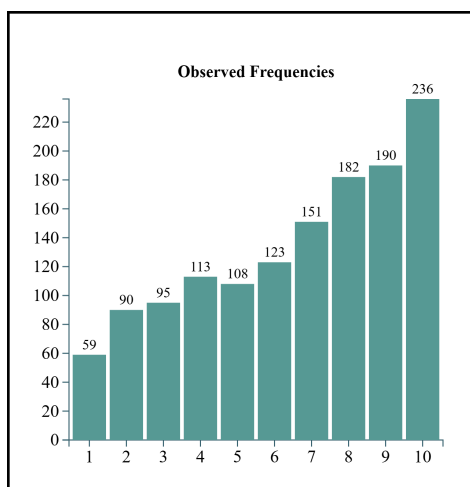
hs_gig_work_keep_contractor,
hs_gig_work_make_employees

hs_gig_work_keep_contractor

Dependent Variable: Respondents who said 'independent contractors' vs. those who said 'employees','unsure'

Internal Haystaq Model Name: gig_opinion_indep_contractors_aw

FLAG: 25%

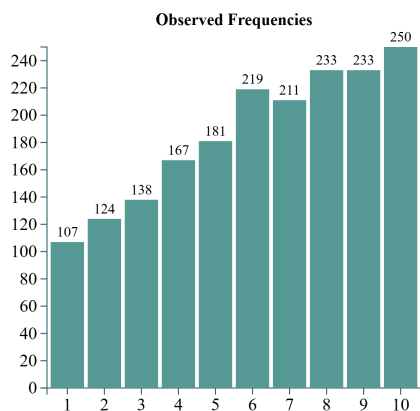


hs_gig_work_make_employees

Dependent Variable: Respondents who said 'employees' vs. those who said 'independent contractors', 'unsure'

Internal Haystaq Model Name: gig_opinion_employees_aw

FLAG: 20%



Gig Worker

Source question:

Have you ever worked or considered working for a “gig economy” company like Uber, DoorDash or TaskRabbit or doing other short-term, flexible work?

Never, Considered, Did in the Past, Do now as side gig/extra income, Do gig work as primary income

Included fields:

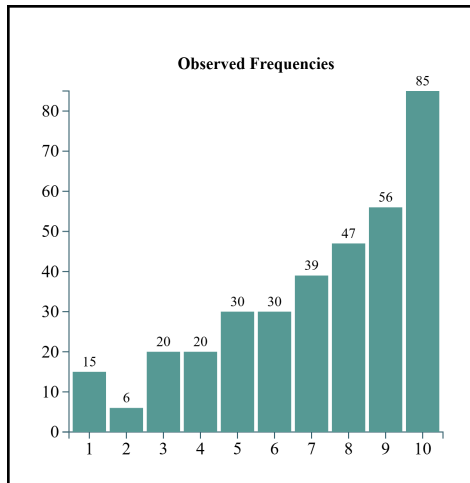
hs_gig_worker_job_now,
 hs_gig_worker_job_unlikely,
 Hs_gig_worker_job_ever,

hs_gig_worker_job_now

Dependent Variable: Respondents who said 'part-time','full-time' vs. those who said 'never'

Internal Haystaq Model Name: gig_worker_now_aw

Positive_FLAG: 10%

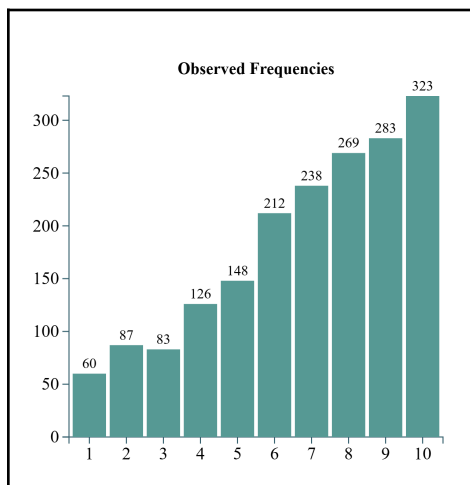


hs_gig_worker_job_ever

Dependent Variable: Respondents who said 'part-time','full-time','did in the past','consider' vs. those who said 'never'

Internal Haystaq Model Name: gig_worker_ever_aw

Negative_FLAG: 16%

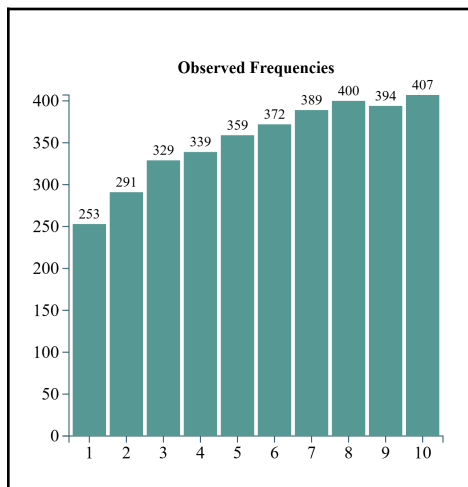


hs_gig_worker_job_unlikely

Dependent Variable: Respondents who said 'never' vs 'did in the past',
'part-time', 'full-time'

Internal Haystaq Model Name: gig_worker_never_aw

Negative_FLAG: 25%

**GOP Type**

***Note:** this score limited to likely Republican voters only

Source question:

Would you say you more closely align with traditional Republicans like Mitt Romney, Nikki Haley and Liz Cheney or more firebrand Republicans like Marjorie Taylor Greene, Lauren Boebert and Ted Cruz?

Establishment, Firebrand, Unsure

Included fields:

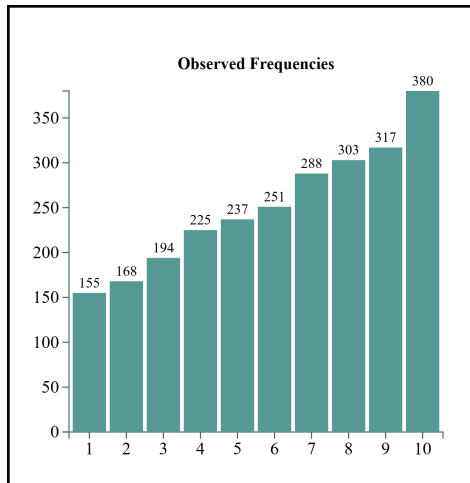
hs_republican_partisanship_establishment_vs_firebrand_firebrand,
hs_republican_partisanship_establishment_vs_firebrand_moderate

hs_republican_partisanship_establishment_vs_firebrand_firebrand,

Dependent Variable: Respondents who said 'firebrand' vs. those who said 'establishment' or 'unsure'

Internal Haystaq Model Name: gop_type_firebrand_aw

Positive_FLAG: 25%

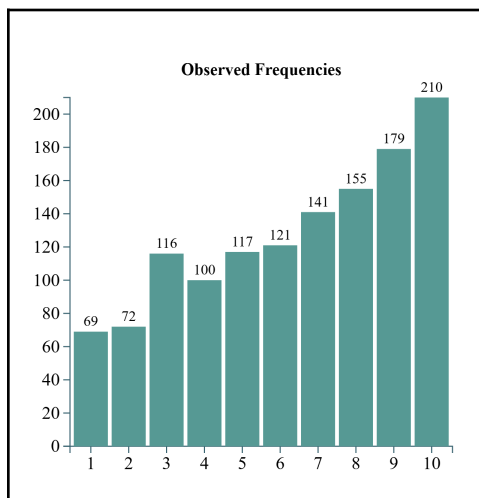


hs_republican_partisanship_establishment_vs_firebrand_moderate

Dependent Variable: Respondents who said 'establishment' vs. those who said 'firebrand' or 'unsure'

Internal Haystaq Model Name: gop_type_establishment_aw

Negative_FLAG: 20%



Green New Deal

Source question:

From what you know now do you support or oppose the Green New Deal?

Strongly Support, Somewhat Support, Somewhat Oppose, Strongly Oppose, Unsure

Included fields:

hs_green_new_deal_support,

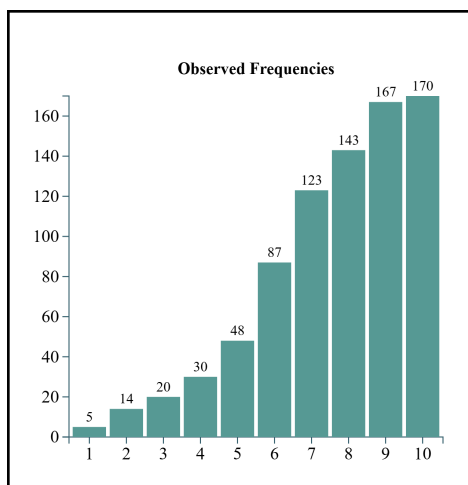
hs_green_new_deal_oppose

hs_green_new_deal_support

Dependent Variable: Respondents who said 'strongly support', 'somewhat support' vs. those who said 'strongly oppose', 'somewhat oppose' or 'unsure'

Internal Haystaq Model Name: green_new_deal_support_aw

Positive_FLAG: 25%

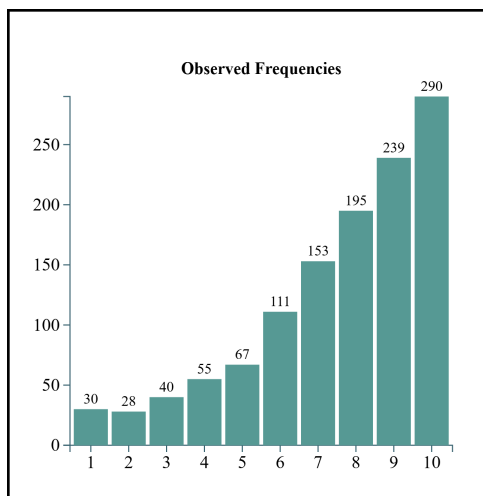


hs_green_new_deal_oppose

Dependent Variable: Respondents who said 'strongly oppose', 'somewhat oppose' vs. those who said 'strongly support', 'somewhat support', 'unsure'

Internal Haystaq Model Name: green_new_deal_oppose_aw2

Negative_FLAG: 25%



Gun Control

Source question:

Do you believe that the laws covering the sale and ownership of guns should be made stronger, made weaker or kept as they are now?

Stronger, Weaker, Kept as they are

Included fields:

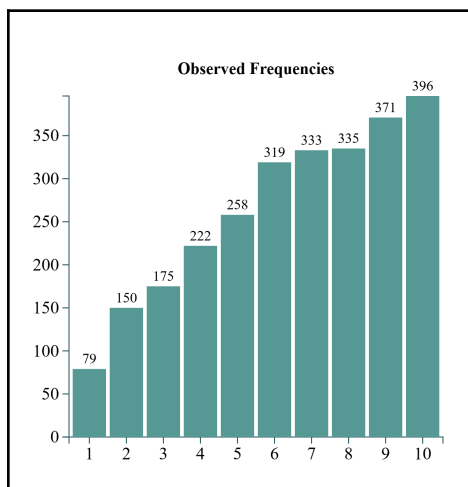
hs_gun_control_support,
hs_gun_control_oppose

hs_gun_control_support

Dependent Variable: Respondents who said 'stronger' vs. those who said 'weaker', 'kept as they are'

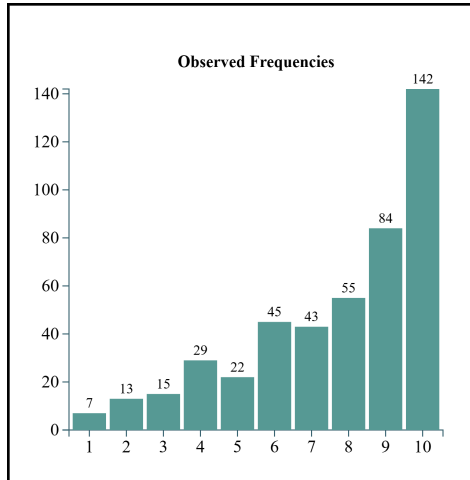
Internal Haystaq Model Name: gun_control_more_aw

Positive_FLAG: 20%

**hs_gun_control_oppose**

Dependent Variable: Respondents who said 'weaker', 'kept as they are' vs. those who said 'stronger'

Internal Haystaq Model Name: gun_control_less_aw
Negative_FLAG: 15%



Horse Race General

Source question:

Whom did you vote for in the 2024 Presidential General Election?

Undecided, Donald Trump, Kamala Harris, Another Candidate, Would not Vote

Included fields:

hs_trump_vs_harris_favor_trump,

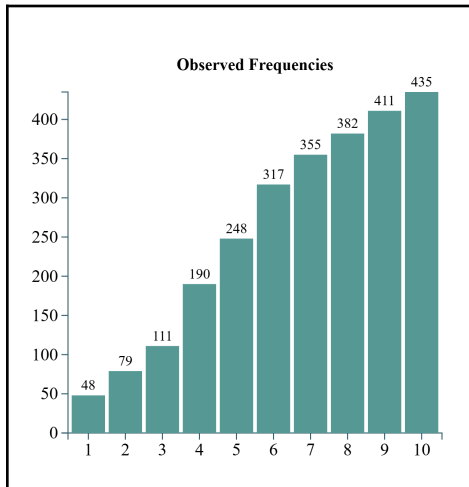
hs_trump_vs_harris_favor_harris

hs_trump_vs_harris_favor_harris

Dependent Variable: Respondents who answered 'Kamala Harris' vs those who answered 'Donald Trump', 'Other', 'Undecided', 'Would not vote'

Internal Haystaq Model Name: trump_harris_harris_aw

Positive_FLAG: 30%

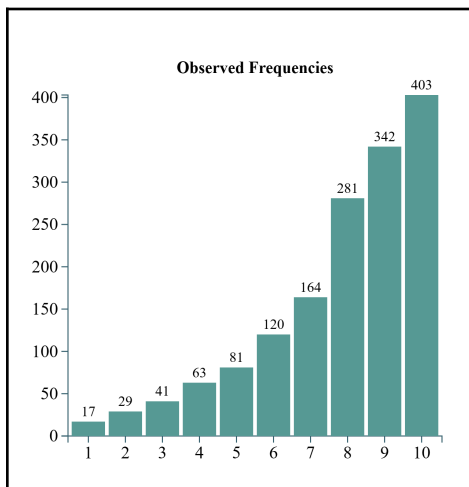


hs_trump_vs_harris_favor_trump

Dependent Variable: Respondents who answered 'Donald Trump' vs those who answered 'Kamala Harris', 'Other', 'Undecided', 'Would not vote'

Internal Haystaq Model Name: trump_harris_trump_aw

Positive_FLAG: 30%



Home Buying

Source question:

Modeled people who appeared to have bought a home in 2024 on 2023 data (what they looked like before they bought a home) moved forward onto 2025 data

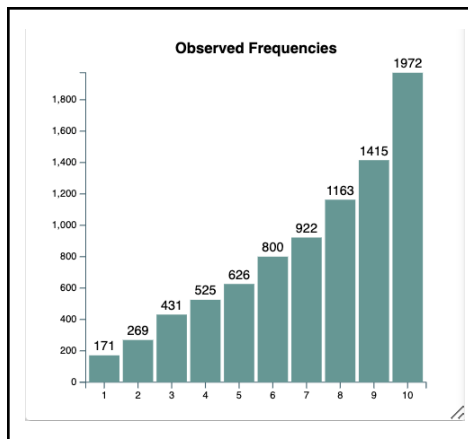
Included fields:

hs_any_home_buyer,
hs_new_home_buyer

hs_any_home_buyer

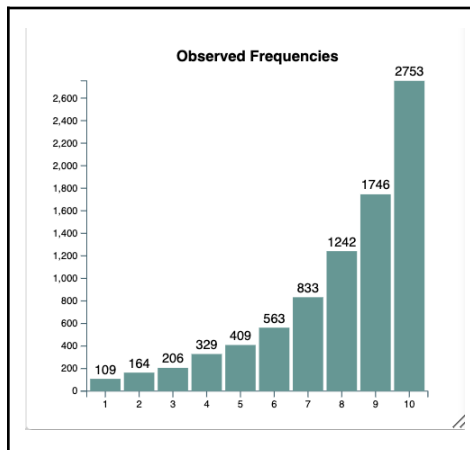
Dependent Variable: This DV included both first time home buyers and buyers who already owned a home.

Positive_FLAG: 10%

**hs_new_home_buyer**

Dependent Variable: This DV included only first time home buyers

Positive_FLAG: 10%



Home Insurance – Government Role

Source question:

Is it the government's responsibility to provide home insurance of last resort for people whose areas have been deemed too risky by private insurance companies?

Unsure, Yes - Government Should Help, No - Not the Responsibility of Government

Included fields:

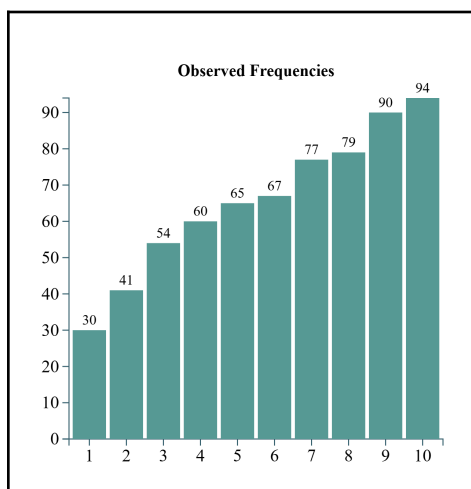
hs_insurance_of_last_resort_government_should_provide,
 hs_insurance_of_last_resort_government_should_not_provide

hs_insurance_of_last_resort_government_should_provide

Dependent Variable: Respondents who answered 'yes' vs those who answered 'no'

Internal Haystaq Model Name: govt_home_insurance_2w

Positive_FLAG: 20%

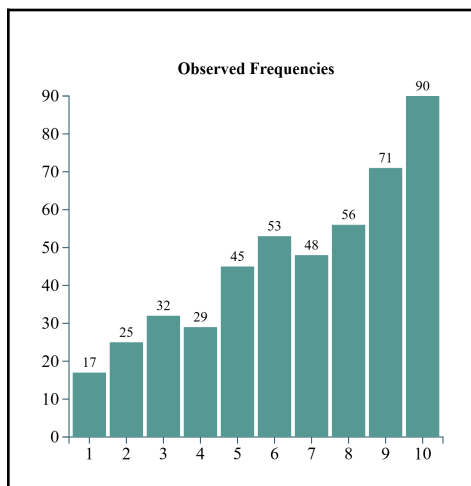


hs_insurance_of_last_resort_government_should_not_provide

Dependent Variable: Respondents who answered 'no' vs those who answered 'yes' 'usnure'

Internal Haystaq Model Name: govt_home_insurance_no_aw

Positive_FLAG: 15%



Ideology - General

Source question:

How would you describe your political ideology?

Very Liberal, Somewhat Liberal, Moderate, Somewhat Conservative, Very Conservative

Included fields:

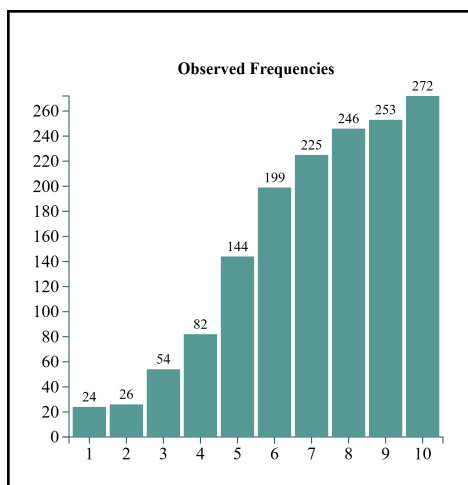
hs_ideology_general_liberal,
hs_ideology_general_moderate,
hs_ideology_general_conservative

hs_ideology_general_liberal

Dependent Variable: Respondents who said 'very liberal' or 'somewhat liberal' vs. those who said 'somewhat conservative' or 'very conservative'

Internal Haystaq Model Name: ideology_liberal_2w

FLAG: 25%

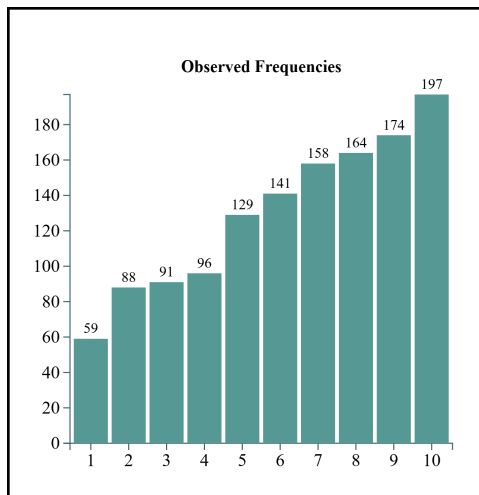


hs_ideology_general_moderate

Dependent Variable: Respondents who said 'moderate' vs. those who said 'somewhat conservative', 'very liberal', 'somewhat liberal', 'very conservative'

Internal Haystaq Model Name: ideology_moderate_aw

FLAG: 20%

**hs_ideology_general_conservative**

Dependent Variable: This DV is the inverse of the Ideology_Liberal_Vs_Conservative_Vs_Moderate_Ideology_Liberal model above

Internal Haystaq Model Name: inverse of deology_liberal_2w

FLAG: 25%

Ideology - Fiscal

Source question:

How would you describe your political views on fiscal and economic issues?

Very liberal, Somewhat liberal, Moderate, Somewhat conservative, Very conservative

Included fields:

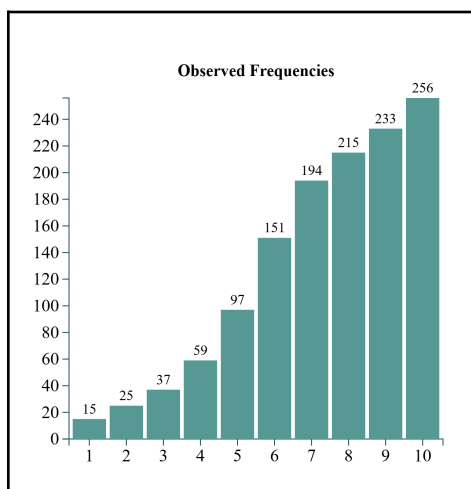
hs_ideology_fiscal_liberal,
hs_ideology_fiscal_moderate,
hs_ideology_fiscal_conservative

hs_ideology_fiscal_liberal

Dependent Variable: Respondents who said 'very liberal' or 'somewhat liberal' vs. those who said 'somewhat conservative' or 'very conservative'

Internal Haystaq Model Name: ideology_fiscal_liberal_2w

FLAG: 25%

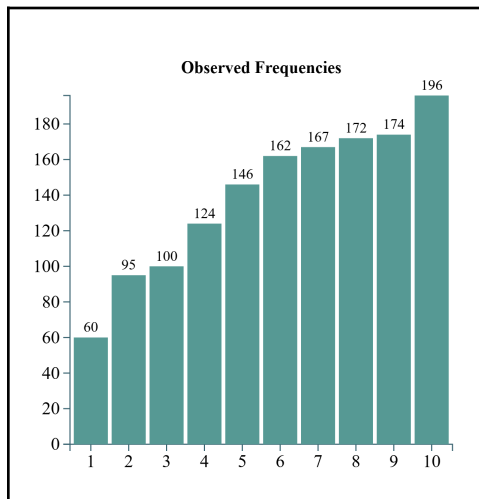


hs_ideology_fiscal_moderate

Dependent Variable: Respondents who said 'moderate' vs. those who said 'very conservative' or 'very liberal'

Internal Haystaq Model Name: ideology_fiscal_moderate_aw2

FLAG: 20%



hs_ideology_fiscal_conservative

Dependent Variable: This DV is the inverse of the
Ideology_Partisanship_Ideology_Fiscal_Ideology_Fiscal_Liberal

Internal Haystaq Model Name: inverse of ideology_fiscal_liberal_2w
FLAG: 25%

Ideology - Social

Source question:

How would you describe your political views on social issues?

Very liberal, Somewhat liberal, Moderate, Somewhat conservative, Very conservative

Included fields:

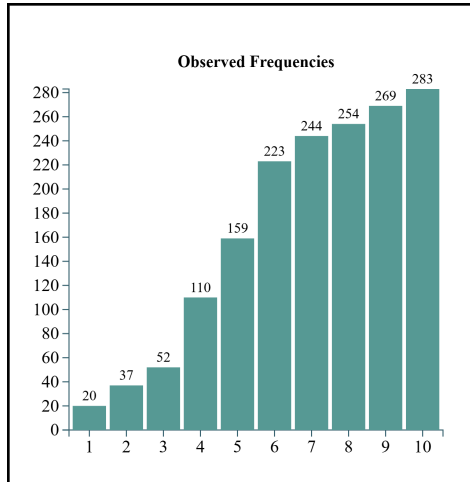
hs_ideology_social_liberal,
hs_ideology_social_moderate,
hs_ideology_social_conservative

hs_ideology_social_liberal

Dependent Variable: Respondents who said 'very liberal' or 'somewhat liberal' vs. those who said 'somewhat conservative' or 'very conservative'

Internal Haystaq Model Name: ideology_social_liberal_2w

FLAG: 25%

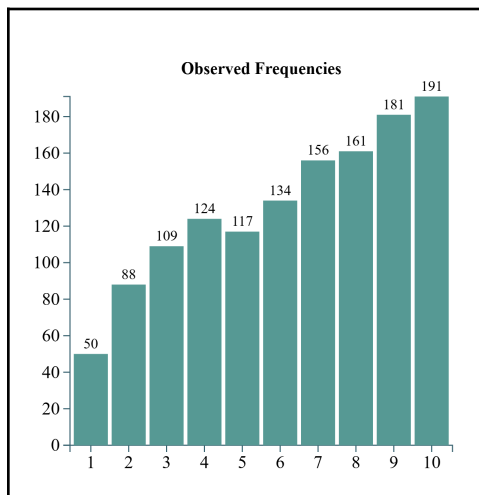


hs_ideology_social_moderate

Dependent Variable: Respondents who said 'moderate' vs. those who said 'very conservative' or 'very liberal'

Internal Haystaq Model Name: ideology_social_moderate_aw2

FLAG: 20%



hs_ideology_social_conservative

Dependent Variable: This DV is the inverse of the Socially Liberal Ideology model

Internal Haystaq Model Name: inverse of ideology_social_liberal_2w

FLAG: 25%

Immigration (View of)

Source question:

When it comes to immigration, is your bigger concern that too many undesirable people are coming into our country or that we are being unfair or even inhumane to immigrants and their families?

Undesirable People, Unfair to Immigrants, Unsure

Included fields:

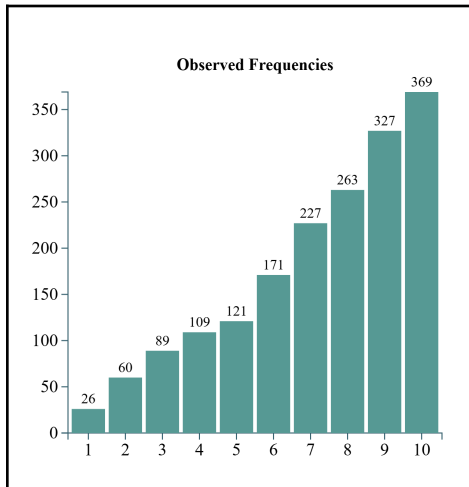
hs_illegal_imm_undesirable,
hs_illegal_imm_process_unfair

hs_illegal_imm_undesirable

Dependent Variable: Respondents who said 'undesirable people' vs. those who said 'unfair to immigrants','unsure'

Internal Haystaq Model Name: view_immigration_undesirable_aw

FLAG: % 20

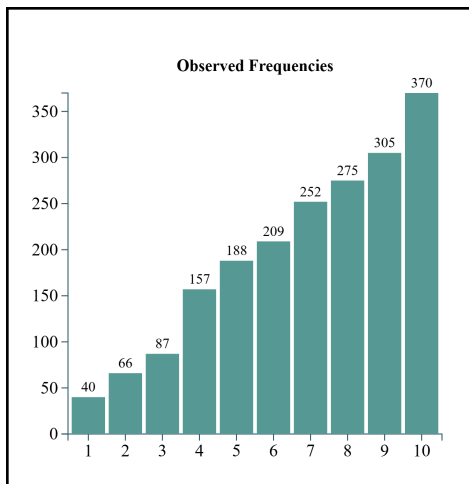


hs_illegal_imm_process_unfair

Dependent Variable: Respondents who said 'unfair to immigrants' vs. those who said 'undesirable people', 'unsure'

Internal Haystaq Model Name: view_immigration_unfair_aw

FLAG: 20%



Income Inequality

Source question:

How big a problem do you think income inequality is in the United States? Do you think income inequality is a big problem, somewhat of a problem, or not a problem at all?

Big Problem, Somewhat of a Problem, Not Much of a Problem, Not a Problem, Unsure

Included fields:

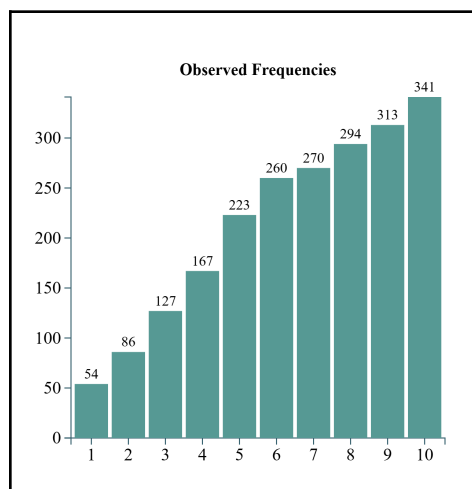
hs_income_inequality_serious,
hs_income_inequality_no_issue

hs_income_inequality_serious

Dependent Variable: Respondents who said 'big problem' vs. those who said 'somewhat of a problem', 'not much of a problem', 'not a problem', 'unsure'

Internal Haystaq Model Name: income_inequality_big_problem_aw2

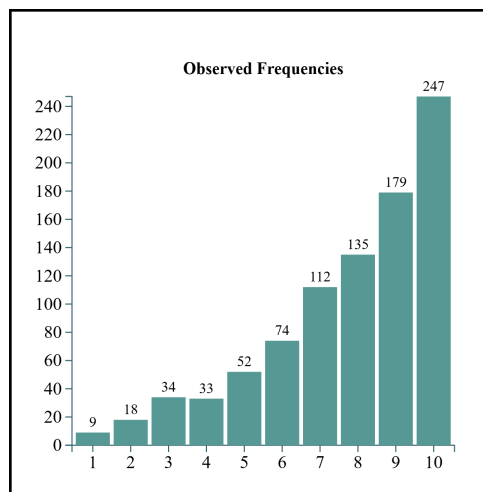
FLAG: 25%



hs_income_inequality_no_issue

Dependent Variable: Respondents who said 'not much of a problem', 'not a problem' vs. those who said 'big problem', 'somewhat of a problem', 'unsure'

Internal Haystaq Model Name: income_inequality_small_or_no_problem_aw
FLAG: 20%



Inflation

Source question:

What is most responsible for recent price increases and inflation? Is it the policies of the Biden Administration, the policies of the Trump Administration, actions by Corporate America, or External Events like the bird flu?

Biden Administration, Corporate America, External Events, Higher Wages, Unsure

Included fields:

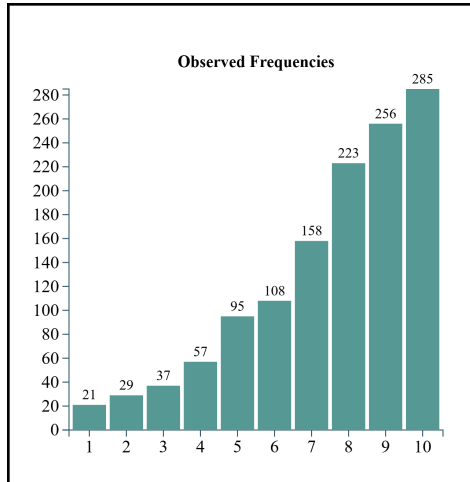
hs_inflation_fault_biden,
 hs_inflation_fault_corporate_america,
 hs_inflation_fault_external_events,
 hs_inflation_fault_trump

hs_inflation_fault_biden

Dependent Variable: Respondents who said 'Biden administration' vs. those who said 'corporate america','external events','trump administration'

Internal Haystaq Model Name: inflation_fault_biden_aw

FLAG: 25%

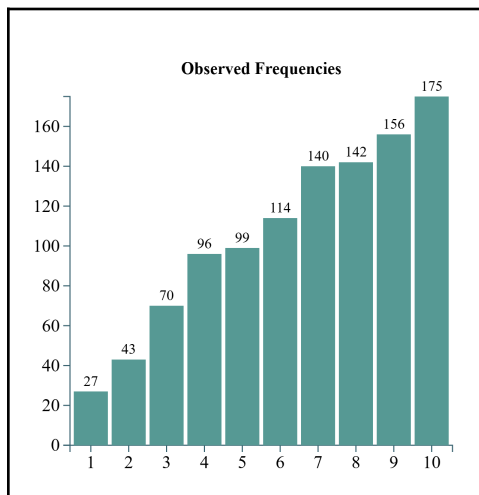


hs_inflation_fault_corporate_america

Dependent Variable: Respondents who said 'corporate america' vs. those who said 'biden administration','external events','trump administration'

Internal Haystaq Model Name: inflation_fault_corporate_america_aw

FLAG: 20%

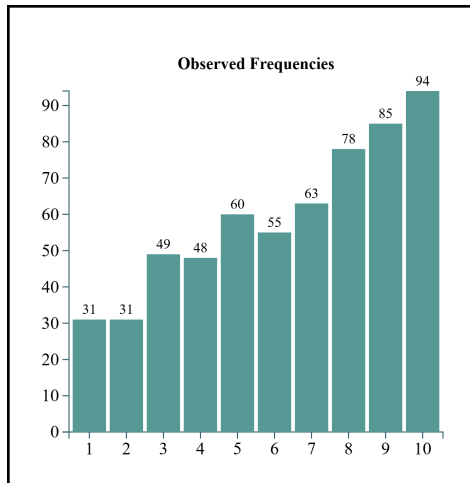


hs_inflation_fault_external_events

Dependent Variable: Respondents who said 'external events' vs. those who said 'biden administration','corporate america','trump administration'

Internal Haystaq Model Name: inflation_fault_external_events_aw

FLAG: 20%

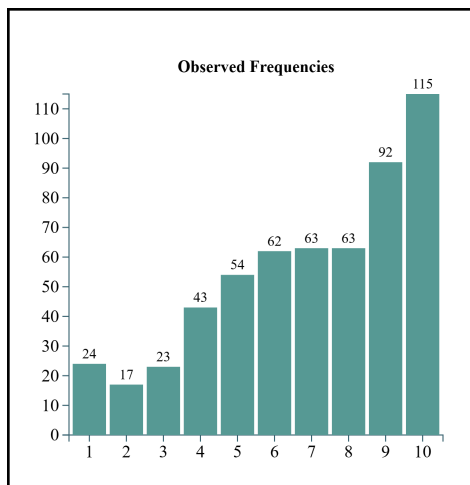


hs_inflation_trump_fault

Dependent Variable: Respondents who said 'Trump administration' vs. those who said 'biden administration','corporate america','external events'

Internal Haystaq Model Name: inflation_fault_trump_aw

FLAG: 15%



Infrastructure Spending

Source question:

Would you support increasing funding for infrastructure projects like bridges and roads even if it meant your taxes would be slightly higher, or do you think that enough money is already spent on infrastructure projects?

Increase Spending and Taxes, Enough Spent, Unsure

Included fields:

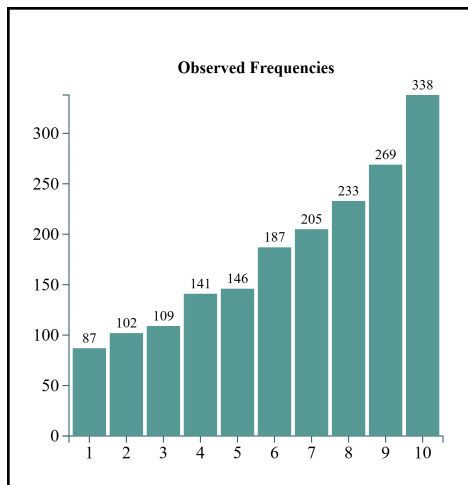
hs_infrastructure_funding_fund_more,
hs_infrastructure_funding_enough_spent

hs_infrastructure_fund_more

Dependent Variable: Respondents who said 'increase spending and taxes' vs. those who said 'enough spent','unsure'

Internal Haystaq Model Name: infrastructure_funding_increase_aw

Positive_FLAG: 20%

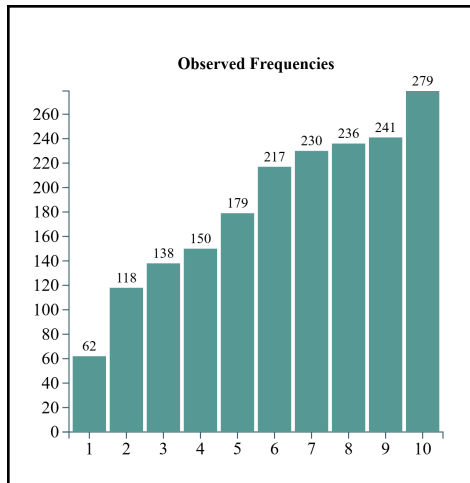


hs_infrastructure_enough_spent

Dependent Variable: Respondents who said 'enough spent' vs. those who said 'increase spending and taxes','unsure'

Internal Haystaq Model Name: infrastructure_funding_no_increase_aw

Negative_FLAG: 20%



Israel / Palestine Modified

Source question:

Do you approve of Israel's Military Actions in Gaza and the West Bank?

Unsure ,Strongly Approve, Somewhat Approve, Somewhat Disapprove, Strongly Disapprove

Included fields:

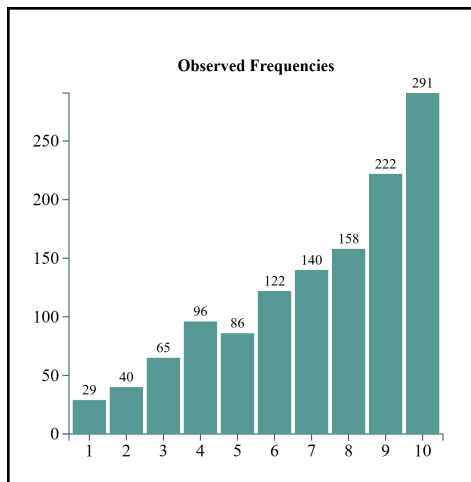
hs_israel_military_actions_oppose,
 hs_israel_military_actions_support,
 hs_israel_military_actions_dem_oppose,
 hs_israel_military_actions_dem_support,
 hs_israel_military_actions_gop_oppose,
 hs_israel_military_actions_gop_support

hs_israel_military_actions_support

Dependent Variable: Respondents who answered 'strongly approve', 'somewhat approve' vs those who answered 'somewhat disapprove','strongly disapprove','unsure'

Internal Haystaq Model Name: israel_palestine_israel_approve_aw

Positive_FLAG: 20%

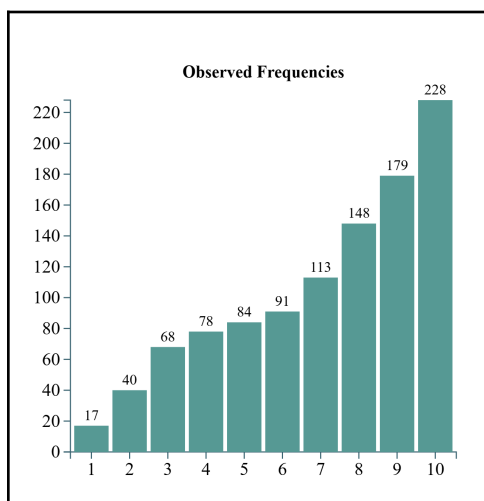


hs_israel_military_actions_oppose

Dependent Variable: Respondents who answered 'strongly disapprove' vs those who answered 'strongly approve', 'somewhat approve','unsure'

Internal Haystaq Model Name: israel_palestine_israel_strongly_disapprove_aw

Negative_FLAG: 20%

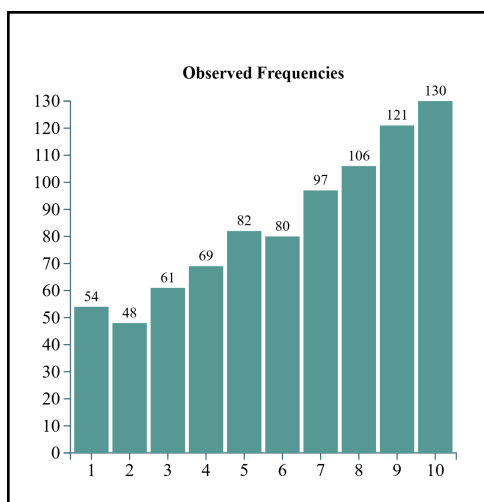


hs_israel_military_actions_dem_oppose

***Note:** this score limited to likely Democratic voters only

Dependent Variable: Respondents who answered 'strongly disapprove' vs those who answered 'strongly approve', 'somewhat approve', 'unsure'

Internal Haystaq Model Name: israel_palestine_israel_strongly_disapprove_dem_aw
Negative_FLAG: 20%



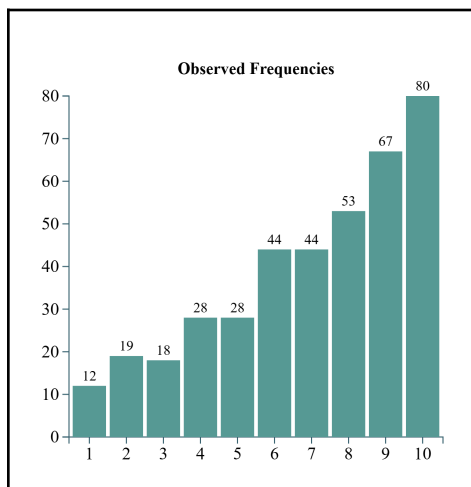
hs_israel_military_actions_dem_support

***Note:** this score limited to likely Democratic voters only

Dependent Variable: Respondents who answered 'strongly approve' vs those who answered 'somewhat disapprove', 'strongly disapprove', 'unsure'

Internal Haystaq Model Name: israel_palestine_israel_approve_dem_aw

Positive_FLAG: 15%



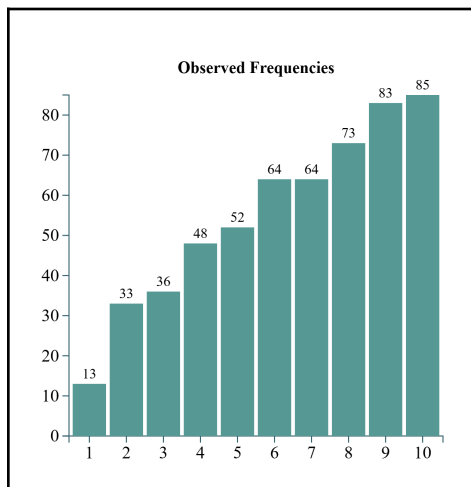
hs_israel_military_actions_gop_support

***Note: this score limited to likely Republican voters only**

Dependent Variable: Respondents who answered 'strongly approve', 'somewhat approve' vs those who answered 'somewhat disapprove', 'strongly disapprove', 'unsure'

Internal Haystaq Model Name: israel_palestine_israel_strong_approve_gop_aw

Positive_FLAG: 20%

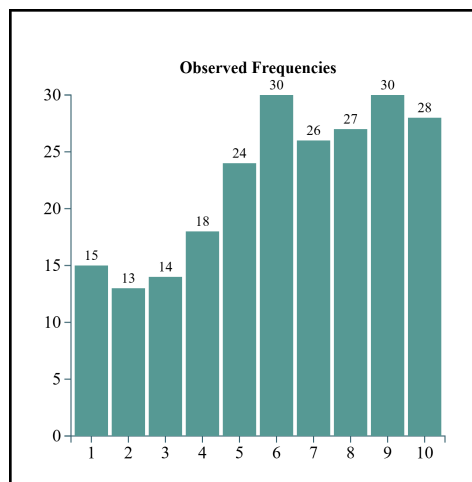


hs_israel_military_actions_gop_oppose

***Note: this score limited to likely Republican voters only**

Dependent Variable: Respondents who answered 'strongly disapprove', 'somewhat approve' vs those who answered 'somewhat disapprove', 'strongly approve', 'unsure'

Internal Haystaq Model Name: israel_palestine_israel_disapprove_gop_aw
Positive_FLAG: 20%



January Sixth Pardons

Source question:

President Trump pardoned his supporters who entered the US Capitol Building on January 6th, 2021. How do you view these pardons?

Unsure , All Justified, Some Problematic, All Problematic

Included fields:

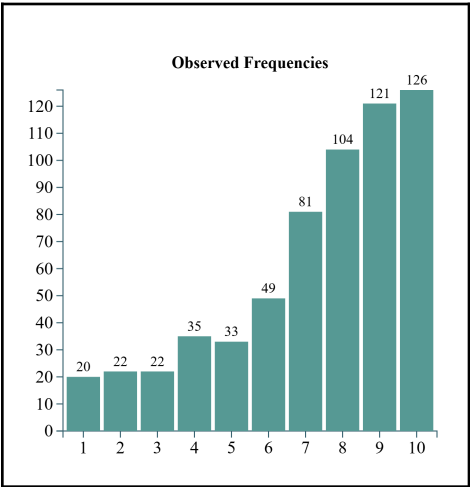
hs_jan_6th_pardons_support,
 hs_jan_6th_pardons_oppose,

hs_jan_6th_pardons_support

Dependent Variable: Respondents who said 'all justified','some problematic','unsure' vs. those who said 'all problematic'

Internal Haystaq Model Name: jan_6th_pardon_some_support_aw2

Positive_FLAG: 20%

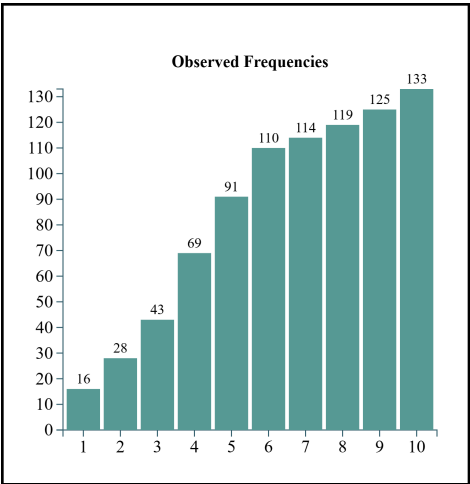


hs_jan_6th_pardons_oppose

Dependent Variable: Respondents who said 'all problematic' vs. those who said 'all justified','some problematic','unsure'

Internal Haystaq Model Name: jan_6th_pardon_some_oppose_aw

Positive_FLAG: 30%



Job Seeker

Source question:

Are you likely to look for a new job in the next six months?

I am Retired or Do Not Work, Likely or Unlikely

Included fields:

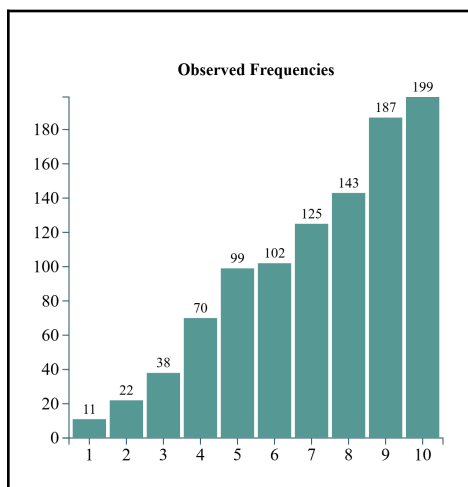
hs_job_seeker_likely,
hs_job_seeker_unlikely,
hs_job_seeker_does_not_work

hs_job_seeker_likely

Dependent Variable: Respondents who answered 'Likely' vs those who answered 'unlikely','do not work'

Internal Haystaq Model Name: job_seeker_likely_aw

Positive_FLAG: 15%

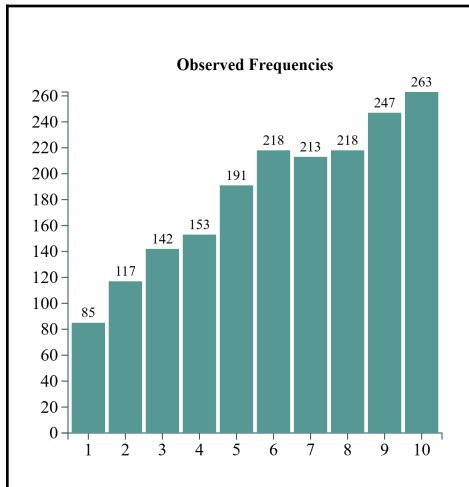


hs_job_seeker_unlikely

Dependent Variable: Respondents who answered 'Unlikely' vs those who answered 'likely','do not work'

Internal Haystaq Model Name: job_seeker_no_aw

Negative_FLAG: 20%

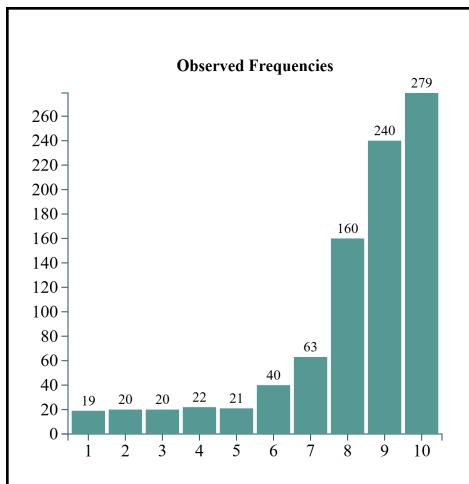


hs_job_seeker_does_not_work

Dependent Variable: Respondents who answered 'Do Not Work' vs those who answered 'Unlikely', 'Likely'

Internal Haystaq Model Name: job_seeker_does_not_work_aw

Negative_FLAG: 20%



Jobs Guarantee

Source question:

Do you support or oppose the idea of a Federal Jobs Guarantee, which would create a publically funded job for any American who wants one.

Support A Jobs Guarantee, Oppose A Jobs Guarantee, Unsure

Included fields:

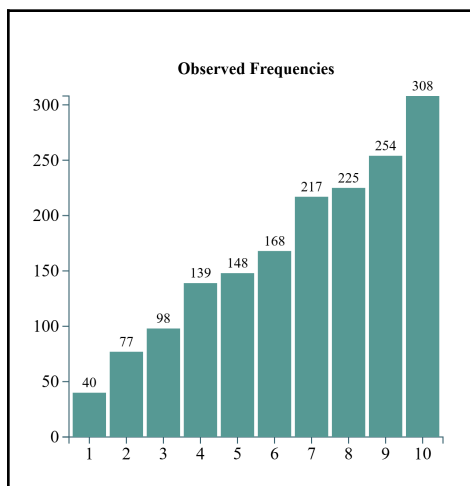
hs_jobs_guarantee_support,
hs_jobs_guarantee_oppose

hs_jobs_guarantee_support

Dependent Variable: Respondents who said 'support' vs. those who said 'oppose' or 'unsure'

Internal Haystaq Model Name: jobs_guarantee_support_aw

Positive_FLAG: 20%

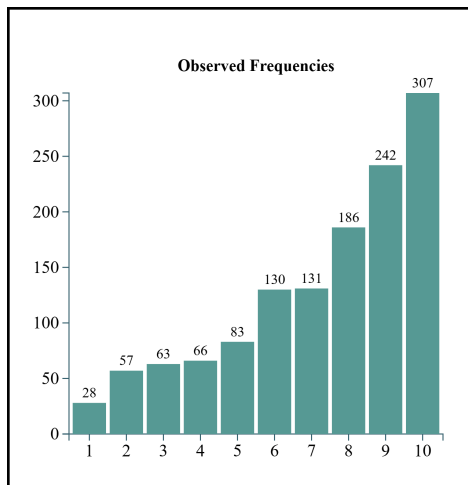


hs_jobs_guarantee_oppose

Dependent Variable: Respondents who said 'oppose' vs. those who said 'support' or 'unsure'

Internal Haystaq Model Name: jobs_guarantee_oppose_aw

Negative_FLAG: 20%



Marijuana

Source question:

Thinking about marijuana laws in the US, do you support the legalization of marijuana or do you oppose any laws permitting the use of marijuana?

Unsure, Full legalization of marijuana, Oppose marijuana

Included fields:

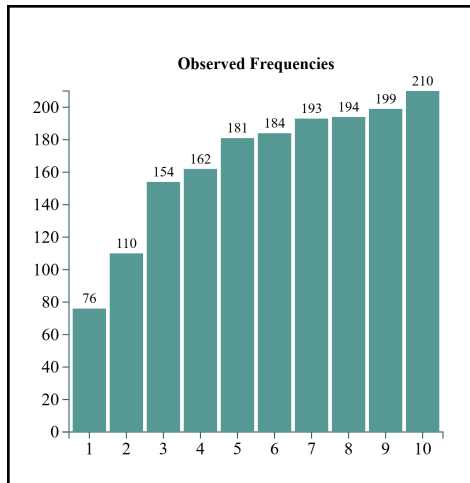
hs_marijuana_legal_oppose,
hs_marijuana_legal_support

hs_marijuana_legal_support

Dependent Variable: Respondents who said 'full legalization of marijuana', 'unsure' vs. those who said 'oppose marijuana'

Internal Haystaq Model Name: marijuana_legal_aw2

Positive_FLAG: 20%

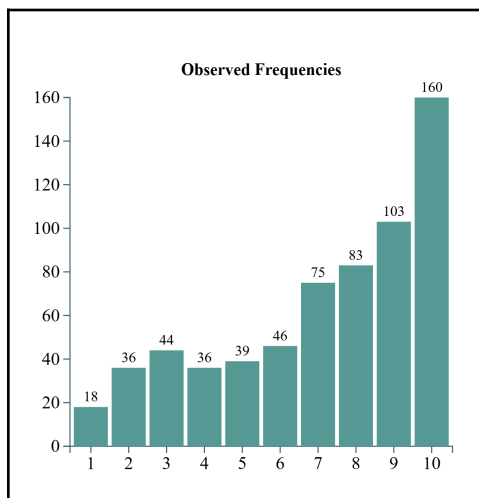


hs_marijuana_illegal_oppose

Dependent Variable: Respondents who said 'oppose marijuana' vs. those who said 'unsure' or 'full legalization of marijuana'

Internal Haystaq Model Name: marijuana_illegal_aw

Negative_FLAG: 10%



Mass Deportations

Source question:

Do you support or oppose the Trump Administration's mass deportation of illegal immigrants?

Unsure ,Strongly Support, Somewhat Support, Somewhat Oppose, Strongly Oppose

Included fields:

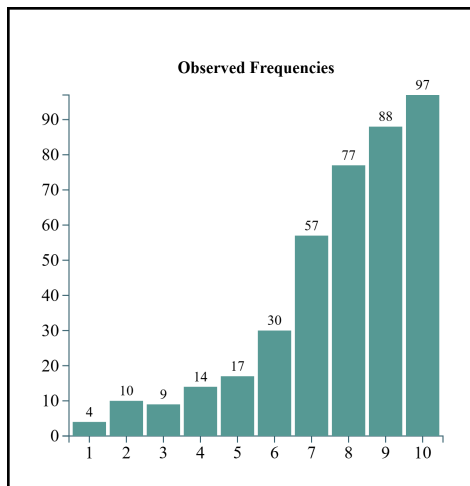
hs_mass_deportations_support,
hs_mass_deportations_oppose

hs_mass_deportations_support

Dependent Variable: Respondents who said 'Strongly Support' vs. those who said 'Strongly Oppose'

Internal Haystaq Model Name: mass_deportations_support_str_2w

FLAG: 25%

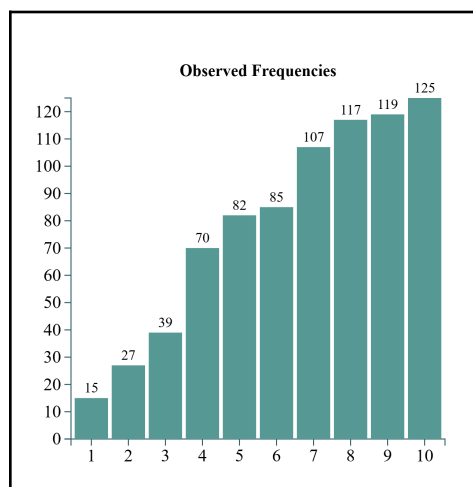


hs_mass_deportations_oppose

Dependent Variable: Respondents who said 'Somewhat Oppose', 'Strongly Oppose' vs. those who said, 'Strongly Support', 'Somewhat Support' or 'unsure'

Internal Haystaq Model Name: mass_deportations_oppose_aw2

FLAG: 30%



Medicaid Expansion

Source question:

Some states have expanded Medicaid coverage to low-income residents while other states have not. Those in favor contend that federal funding, which comes from taxpayers in all 50 states, covers the majority of expenses for a program giving healthcare access to many who would otherwise be uninsured. Those opposed argue that the program could lead to unexpected costs for the state. Are you in favor of Medicaid Expansion in your own state?

For Expansion, Against Expansion, Unsure

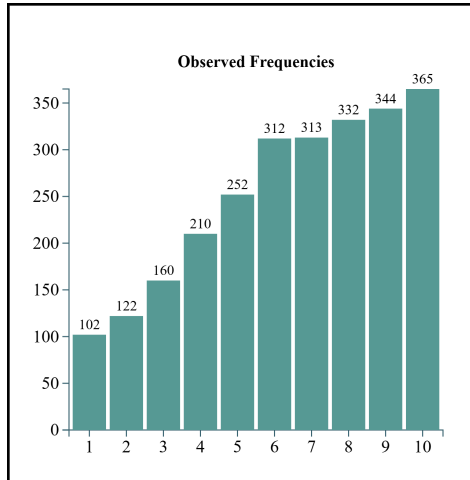
Included fields:

hs_medicaid_expansion_support,
hs_medicaid_expansion_oppose

hs_medicaid_expansion_support

Dependent Variable: Respondents who said 'for expansion' vs. those who said 'against', 'unsure'

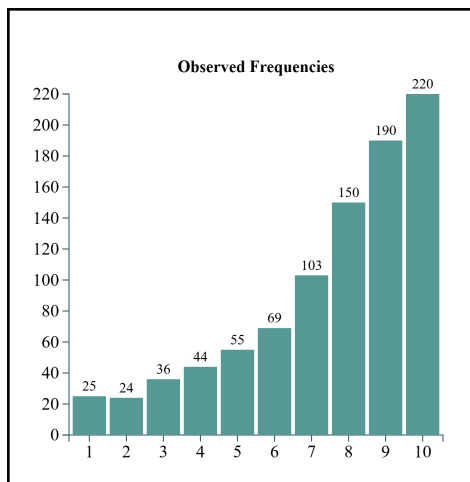
Internal Haystaq Model Name: medicaid_expansion_support_aw
Positive_FLAG: 20%



hs_medicaid_expansion_oppose

Dependent Variable: Respondents who said 'against' vs. those who said, 'unsure', 'for expansion'

Internal Haystaq Model Name: medicaid_expansion_oppose_aw
Negative_FLAG: 20%



Medicare For All

Source question:

Do you favor or oppose having a national health plan where everyone would be covered by a form of Medicare-for-all? Strongly Favor, Somewhat Favor, Somewhat Oppose, Strongly Oppose, Unsure

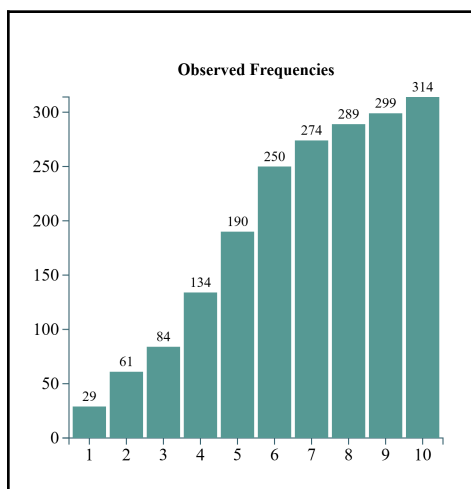
Included fields:

hs_medicare_for_all_support,
hs_medicare_for_all_oppose

hs_medicare_for_all_support

Dependent Variable: Respondents who said 'strongly favor' vs. those who said 'strongly oppose', 'somewhat oppose', 'unsure'

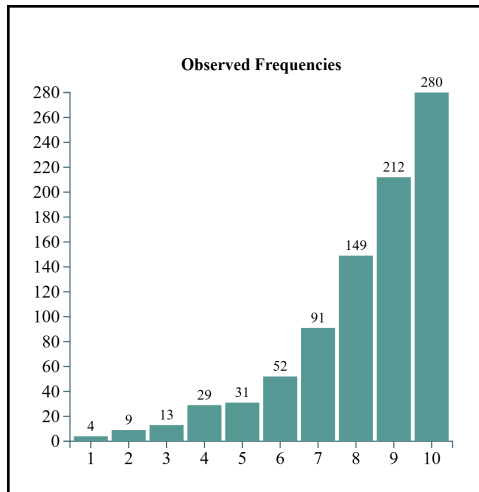
Internal Haystaq Model Name: medicare_for_all_str_support_aw
Positive_FLAG: 30%



hs_medicare_for_all_medicare_for_all_oppose

Dependent Variable: Respondents who said 'strongly oppose' vs. those who said 'strongly favor', 'somewhat favor', 'unsure'

Internal Haystaq Model Name: medicare_for_all_oppose_aw
Negative_FLAG: 20%



Mexican Wall

Source question:

Do you support building a wall between the US and Mexico? Strongly Support Wall, Somewhat Support, Neutral or Unsure, Somewhat Oppose, Strongly Oppose

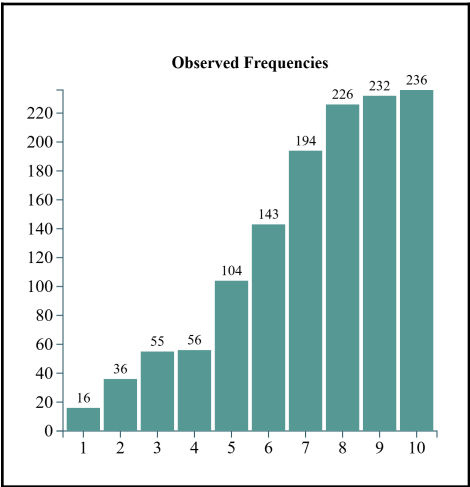
Included fields:

hs_mexican_wall_support,
 hs_mexican_wall_oppose

hs_mexican_wall_support

Dependent Variable: Respondents who said 'strongly support' vs. those who said 'strongly oppose'

Internal Haystaq Model Name: mex_wall_support_str_2w
Positive_FLAG: 25%

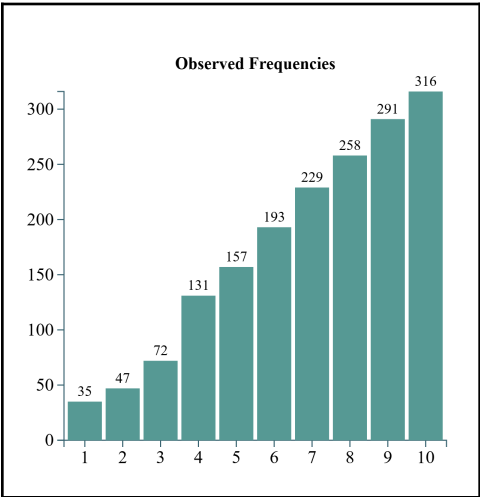


hs_mexican_wall_oppose

Dependent Variable: Respondents who said 'strongly oppose','somewhat oppose' vs. those who said 'neutral or unsure', 'strongly support', 'somewhat support'

Internal Haystaq Model Name: mex_wall_oppose_aw

Negative_FLAG: 20%



Military Family Relationship

Source question:

Have you or any immediate family members served in the US Military? .
Self, Immediate Family (spouse, sibling, children or parent), None

Included fields:

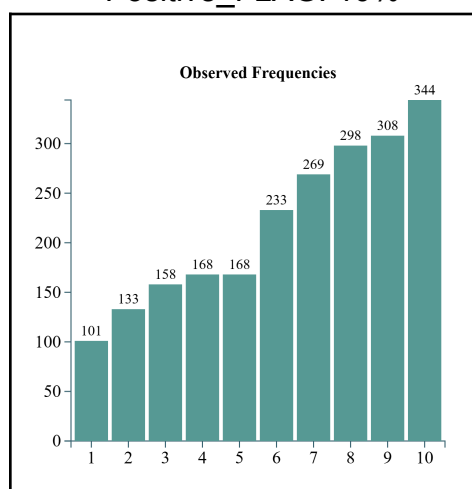
hs_military_family_relationship_yes,
hs_military_family_relationship_no

hs_military_family_relationship_yes

Dependent Variable: Respondents who said 'self', 'immediate family' vs. those who said 'none'

Internal Haystaq Model Name: military_relationship_yes_2w

Positive_FLAG: 10%



hs_military_family_relationship_no

Dependent Variable: This DV is the inverse of the Yes- military family relationship score above

Internal Haystaq Model Name: inverse of military_relationship_yes_2w

Negative_FLAG: 20%

Minimum Wage (Fifteen Dollar)

Source question:

Do you support proposals to make the national minimum wage \$15 per hour?
Support, Oppose or Unsure

Included fields:

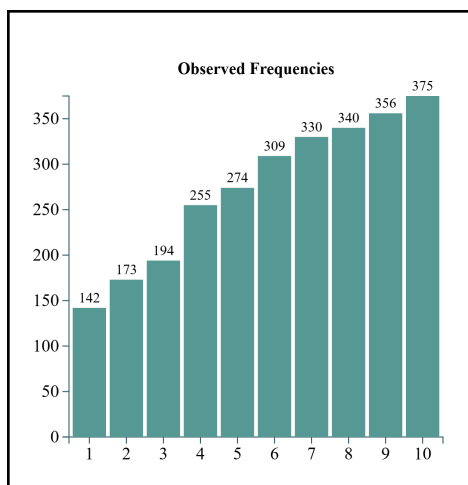
hs_min_wage_15_increase_support,
hs_min_wage_15_increase_oppose

hs_min_wage_15_increase_support

Dependent Variable: Respondents who answered 'support' vs those who answered 'oppose' or 'unsure'

Internal Haystaq Model Name: wage_15_support_aw

Positive_FLAG: 25%

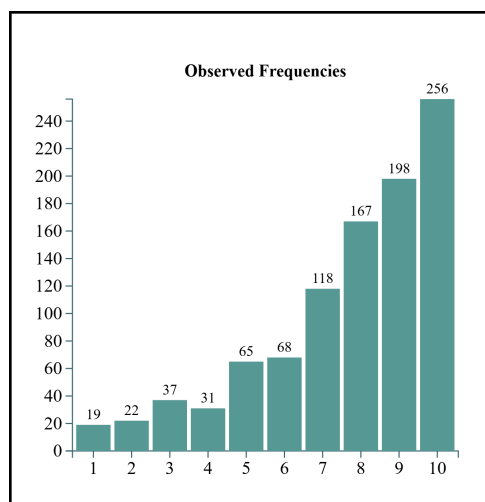


hs_min_wage_15_increase_oppose

Dependent Variable: Respondents who answered 'oppose' vs those who answered 'support' or 'unsure'

Internal Haystaq Model Name: wage_15_oppose_aw

Negative_FLAG: 20%



Minority Candidates

Source question:

Thinking of candidates for political office, with all other factors being equal, do you prefer to support a non-white candidate over an equally-qualified white candidate?
 Favor Minority Candidate, Do Not Favor Minority Candidate, Do Not Consider Race

Included fields:

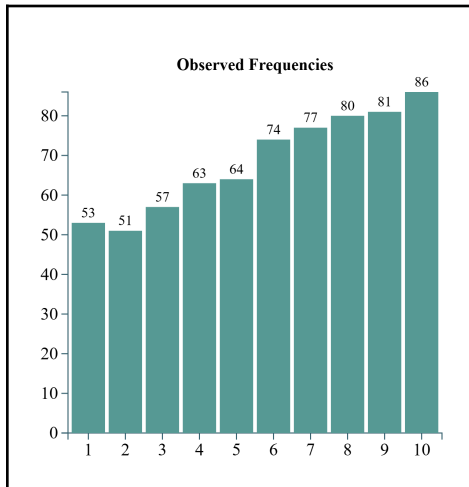
hs_candidate_minority_prefer,
 hs_candidate_minority_do_not_prefer

hs_candidate_minority_prefer

Dependent Variable: Respondents who said 'prefer' vs. those who said 'do not favor', 'Do Not Consider Race'

Internal Haystaq Model Name: minority_candidates_prefer_aw

FLAG: 10%

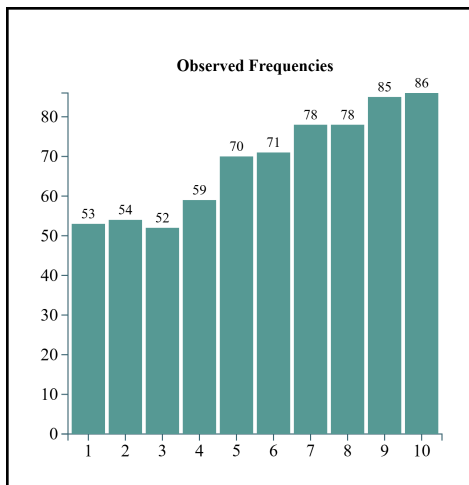


hs_candidate_minority_do_not_prefer

Dependent Variable: Respondents who said 'prefer' vs. those who said 'do not favor',
'Do Not Consider Race' Inversed

Internal Haystaq Model Name: inverse of minority_candidates_prefer_2w

FLAG: 20%



Most Important Policy

Source question:

Which type of policy position is most important when choosing a candidate to support?
 Keeping Taxes and Inflation Low, Helping People in Need, Protecting the Environment,
 Protecting Traditional Judeo-Christian values, Keeping America safe, Something Else

Included fields:

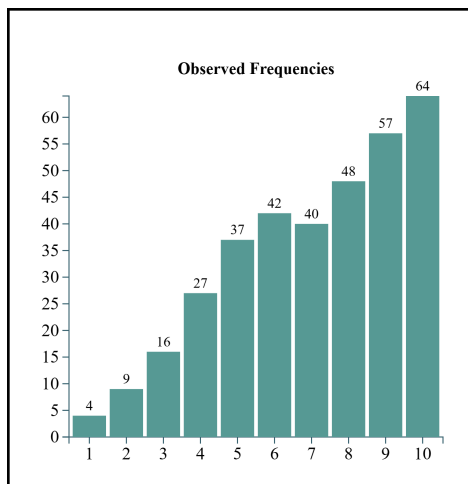
hs_most_important_policy_item_help_people,
 hs_most_important_policy_item_environment,
 hs_most_important_policy_keep_safe,
 hs_most_important_policy_item_religious_values,
 hs_most_important_policy_item_economics

hs_most_important_policy_item_help_people

Dependent Variable: Respondents who said 'help people' vs. those who said
 'economics', 'environment', 'christian values', 'keep safe', 'something else'

Internal Haystaq Model Name: most_important_policy_help_people_aw

FLAG: 15%

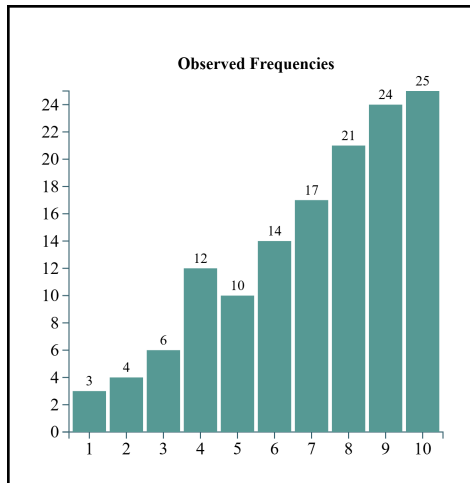


hs_most_important_policy_item_environment

Dependent Variable: Respondents who said 'environment' vs. those who said 'economics', 'help people', 'christian values', 'keep safe', 'something else'

Internal Haystaq Model Name: most_important_policy_environment_aw

FLAG: 20%

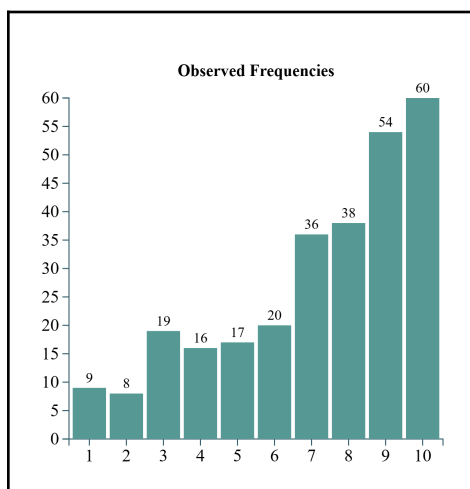


hs_most_important_policy_keep_safe

Dependent Variable: Respondents who said 'keep safe' vs. those who said 'economics', 'help people', 'environment', 'christian values', 'something else'

Internal Haystaq Model Name: most_important_policy_keep_safe_aw

FLAG: 20%

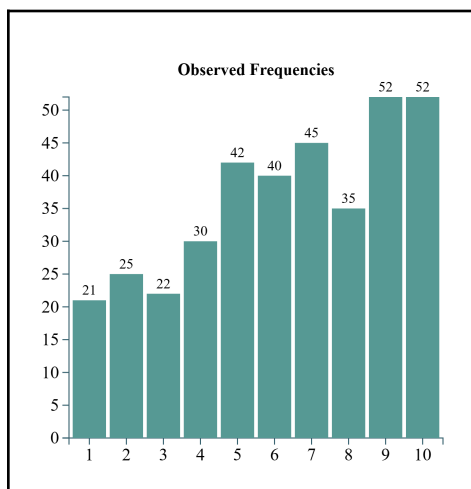


hs_most_important_policy_item_economics

Dependent Variable: Respondents who said 'economics' vs. those who said 'help people', 'environment', 'christian values', 'keep safe', 'something else'

Internal Haystaq Model Name: most_important_policy_economics_aw

FLAG: 20%

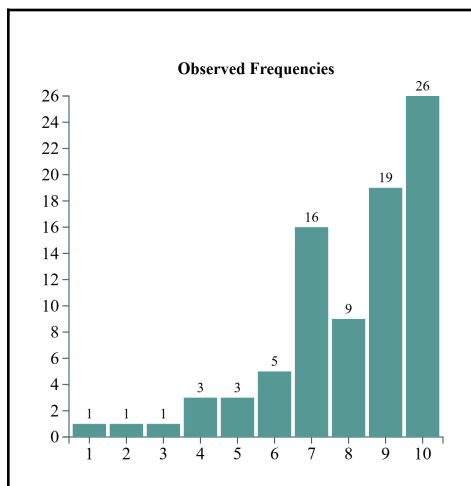


hs_most_important_policy_item_religious_values

Dependent Variable: Respondents who said 'very liberal' or 'somewhat liberal' vs. those who said 'somewhat conservative' or 'very conservative'

Internal Haystaq Model Name: most_important_policy_judeo_christian_values_aw

FLAG: 10%



Obamacare/Affordable Care Act

Source question:

Which comes closest to your opinion on the Affordable Care Act or Obamacare: that it is beneficial but doesn't go far enough, that it is about right, or that it goes too far and should be repealed or reformed?

Not far enough, Good as is, Repeal, Unsure

Included fields:

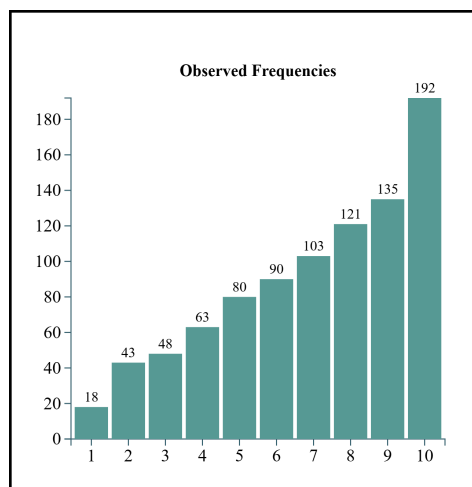
hs_obamacare_aca_expand,
hs_obamacare_aca_oppose,
hs_obamacare_aca_protect

hs_obamacare_aca_protect

Dependent Variable: Respondents who said 'good as is' vs. those who said 'repeal','unsure'

Internal Haystaq Model Name: obamacare_good_as_is2

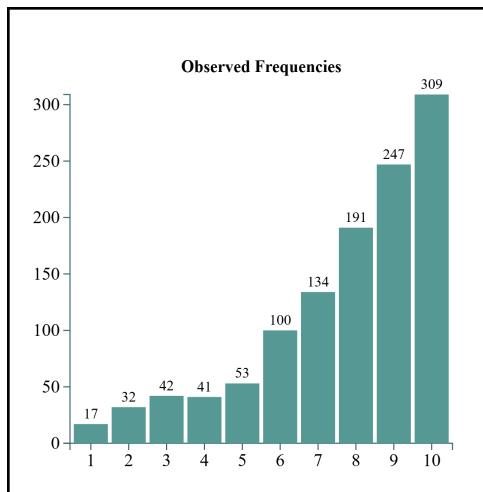
Positive_FLAG: 10%



hs_obamacare_aca_oppose

Dependent Variable: Respondents who said 'repeal' vs. those who said 'not far enough','good as is','unsure'

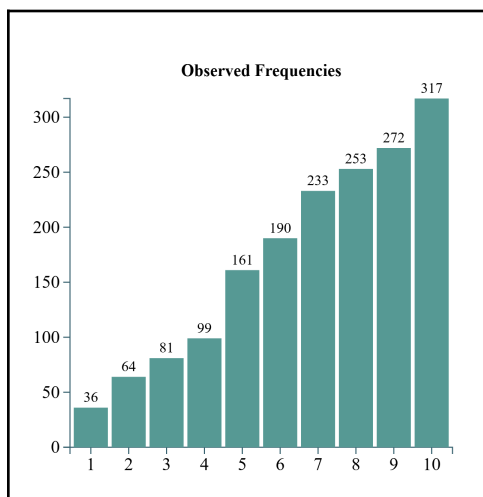
Internal Haystaq Model Name: obamacare_get_rid_of
Negative_FLAG: 20%



hs_obamacare_aca_expand

Dependent Variable: Respondents who said 'not enough' vs. those who said 'repeal','unsure'

Internal Haystaq Model Name: obamacare_not_enough2
Negative_FLAG: 20%



Online Gaming

Source question:

Do you believe that internet gaming like online poker, daily fantasy, and internet sports betting should be legal and regulated? Fully Legalized, Some Restrictions Eased, Neutral or Unsure, Remain Largely Illegal, Remain Illegal and More Enforcement

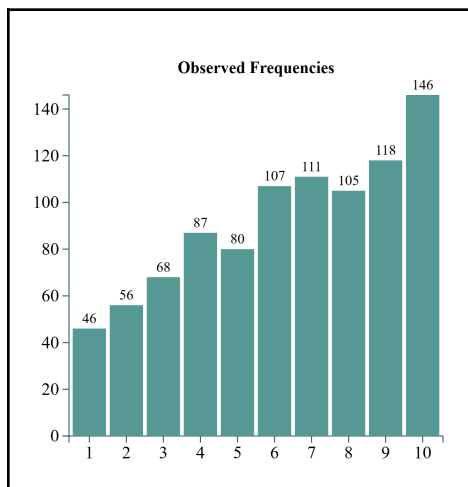
Included fields:

hs_online_gambling_more_legal,
hs_online_gambling_less_legal

hs_online_gambling_more_legal

Dependent Variable: Respondents who said 'fully legalized' vs. those who said 'remain largely illegal','remain illegal and more enforcement'

Internal Haystaq Model Name: online_gaming_fully_legal_2w
FLAG: 10%

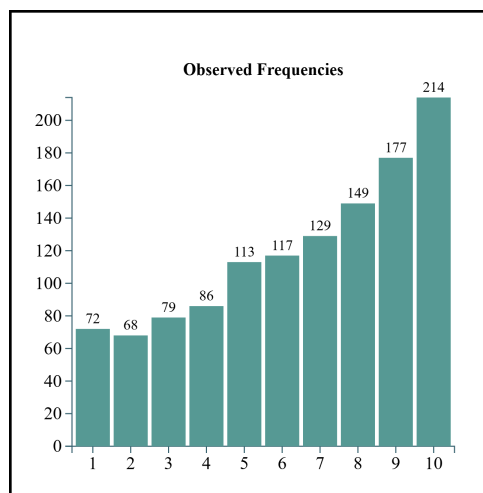


hs_online_gambling_less_legal

Dependent Variable: Respondents who said 'remain largely illegal','remain illegal and more enforcement' vs. those who said 'fully legalized','some restrictions eased','unsure'

Internal Haystaq Model Name: online_gaming_remain_illegal

FLAG: 20%



Opioid Crisis Response

Source question:

What do you think the best strategy is for dealing with the opioid crisis, tougher enforcement of our laws for drug dealers and users or increased treatment programs?

Tougher, Treatment, Unsure

Included fields:

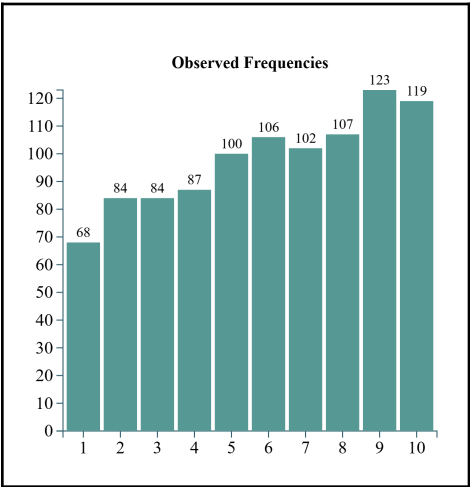
hs_opioid_crisis_treat,
hs_opioid_crisis_enforce

hs_opioid_crisis_treat

Dependent Variable: Respondents who said 'treatment' vs. those who said 'tougher'

Internal Haystaq Model Name: opioid_treat_2w_v2

FLAG: 20%

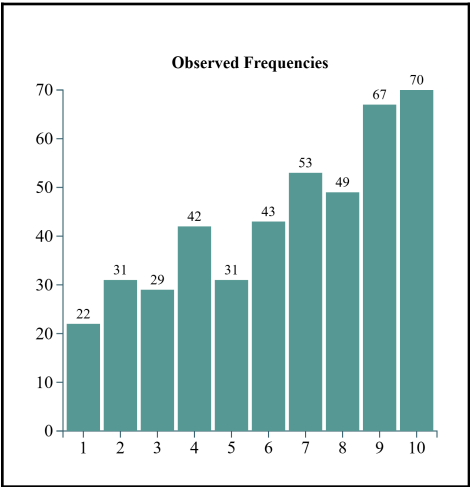


hs_opioid_crisis_criminalize

Dependent Variable: Respondents who said 'tougher' vs. those who said 'treatment', 'unsure'

Internal Haystaq Model Name: opioid_criminalize_aw_v2

FLAG: 20%



Partisanship

Source question:

When you vote, would you say that you always vote for Democrats, mostly vote for Democrats, mostly vote for Republicans, always vote for Republicans, or usually vote

for a third party? Always Vote for Democrats, Mostly Vote for Democrats, Always Vote for Republicans, Mostly Vote for Republicans, Third Party

Included fields:

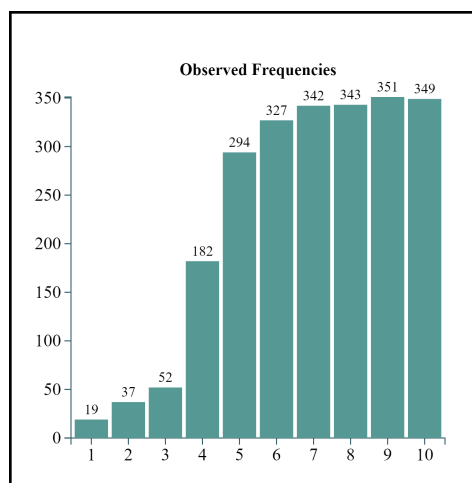
hs_ideology_overall_party_dem_strong,
hs_ideology_overall_party_dem,
hf_ideology_overall_party_dem_weak,
hs_ideology_overall_party_indep,
hs_ideology_overall_party_gop_strong,
hs_ideology_overall_party_gop,
hf_ideology_overall_party_gop_weak

hs_ideology_overall_party_dem_strong.

Dependent Variable: Respondents who said 'Always vote for Democrats' vs. those who said 'Always vote for Republicans'

Internal Haystaq Model Name: partisanship_str_dem_2w

FLAG: 10%

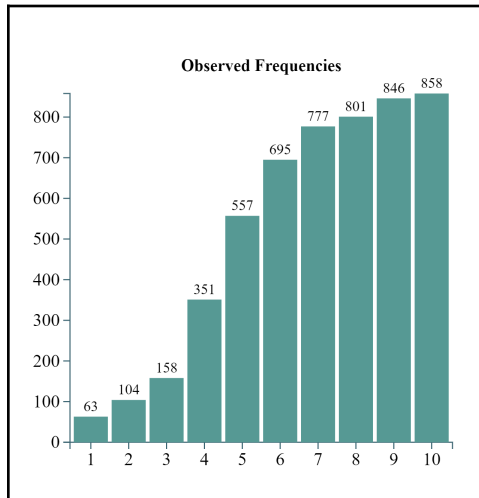


hs_ideology_overall_party_dem

Dependent Variable: Respondents who said 'Always vote for Democrats' or 'Mostly Democrats' vs. those who said 'Always vote for Republicans', 'Mostly vote for Republicans'

Internal Haystaq Model Name: partisanship_dem_2w

FLAG: 25%



hf_ideology_overall_party_dem_weak_flag

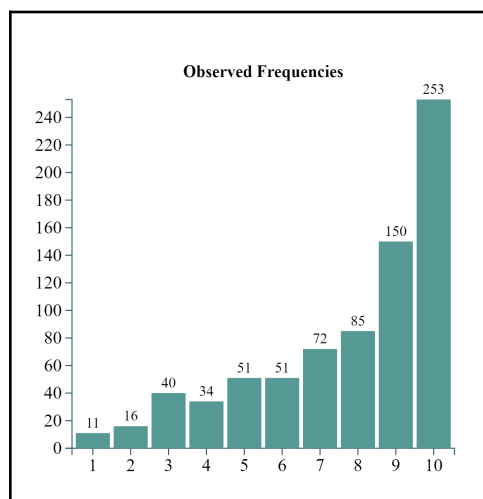
Combination of Party Strong Democrat Score & Party Democrat Score. Flagged for people who are in the top 50% of the Party Democrat Score but are not, but are not high enough to be flagged as Party Strong Democrat, Party Democrat, or Party Independent. This is only provided as a flag.

hs_ideology_overall_party_indep

Dependent Variable: Respondents who said 'Third party' vs. those who said 'Always vote for Republicans' or 'Always vote for Democrats'

Internal Haystaq Model Name: partisanship_third_party_aw2

FLAG: 10%



hs_ideology_overall_party_gop_strong

Dependent Variable: Respondents who said 'Always vote for Republicans' vs. those who said 'Always vote for Democrats'

Internal Haystaq Model Name: inverse of partisanship_str_dem_2w

FLAG: 10%

hs_ideology_overall_party_gop

Dependent Variable: Respondents who said 'Always vote for Republicans', 'Mostly vote for Republicans' vs. those who said 'Always vote for Democrats' or 'Mostly Democrats'

Internal Haystaq Model Name: inverse of partisanship_dem_2w

FLAG: 25%

hf_ideology_overall_party_gop_weak_flag

Combination of Party Strong Republican Score & Party Republican Score. Flagged for people who are in the top 50% of the Party Republican Score but are not, but are not high enough to be flagged as Party Republican Democrat, Party Republican, or Party Independent.

This is only provided as a flag

Pipelines

Source question:

Are you likely to support or oppose new fossil fuel infrastructure, including fracking wells and oil and natural gas pipelines? Support Oil/Gas Infrastructure, Oppose Oil/Gas Infrastructure, Unsure

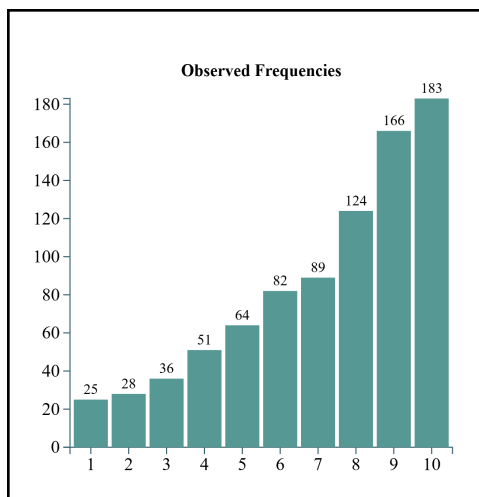
Included fields:

hs_pipeline_fracking_oppose,
hs_pipeline_fracking_support

hs_pipeline_fracking_support

Dependent Variable: Respondents who said 'support new infrastructure' vs. those who said 'oppose new infrastructure' or 'unsure'

Internal Haystaq Model Name: pipeline_fracking_support_infrastructure_aw
FLAG: 20%

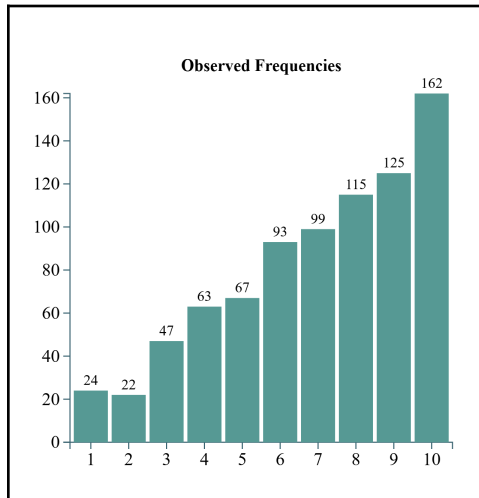


hs_pipeline_fracking_oppose

Dependent Variable: Respondents who said 'oppose new infrastructure' vs those who said 'support new infrastructure'

Internal Haystaq Model Name: pipeline_fracking_oppose_infrastructure_2w

FLAG: 25%



Podcast Listener

Source question:

Do you listen to podcasts often?

Often, Occasionally , Never

Included fields:

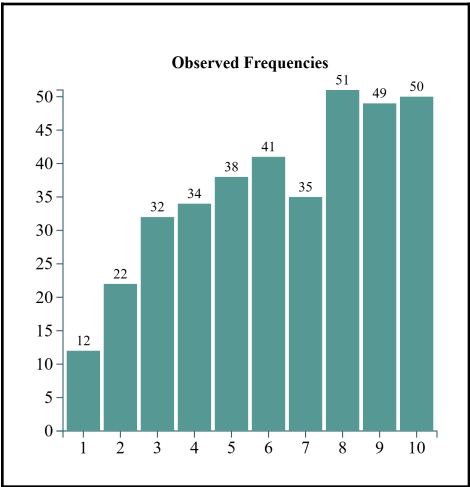
podcast_listener_no,
podcast_listener_yes

podcast_listener_yes

Dependent Variable: Respondents who said 'often' vs. those who said 'never'

Internal Haystaq Model Name: podcast_listener_often_2w

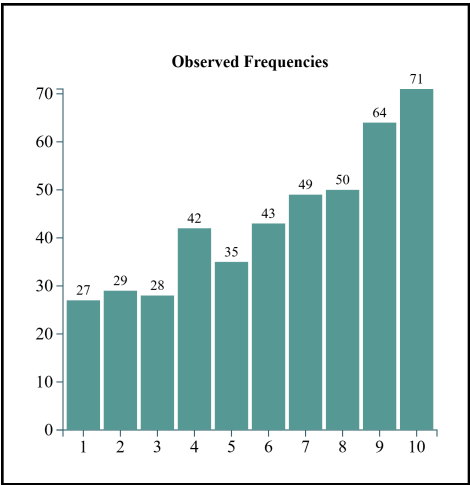
Positive_FLAG: 20%



podcast_listener_no

Dependent Variable: Respondents who said 'never' vs. those who said 'often','occasionally'

Internal Haystaq Model Name: podcast_listener_never_aw
Negative_FLAG: 20%



Police

Source question:

How much do you trust the police to treat everyone fairly and equally?
Entirely, Significant Amount ,Some ,Little ,Not at all

Included fields:

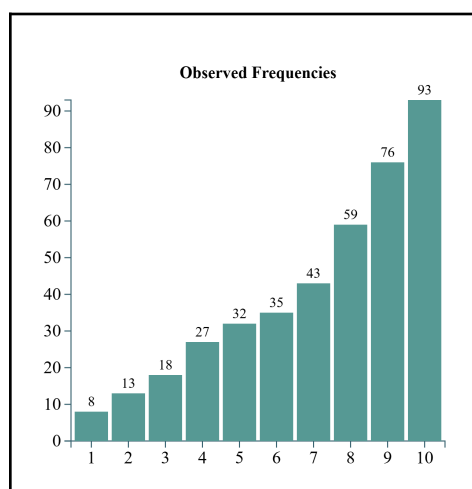
hs_police_trust_no_aw,
hs_police_trust_yes_aw

hs_police_trust_no

Dependent Variable: Respondents who said 'none','little' vs. those who said 'some','entirely','significant amount'

Internal Haystaq Model Name: police_trust_no_aw

Negative_FLAG: 20%

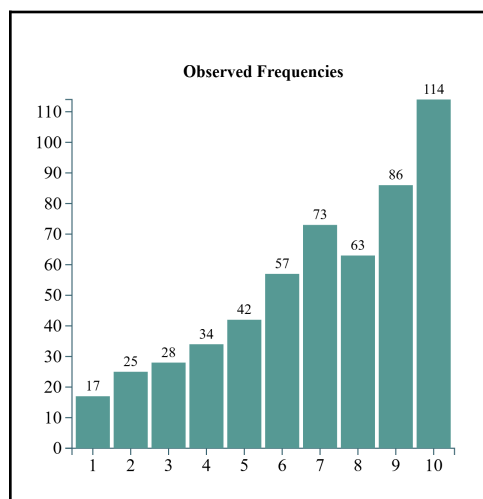


hs_police_trust_yes

Dependent Variable: Respondents who said 'entirely','significant amount' or 'some','little','none'

Internal Haystaq Model Name: police_trust_yes_aw

Positive_FLAG: 20%



Political Donations

Source question:

How likely are you to donate to a political campaign in the coming year?

Very Likely, Somewhat Likely, Somewhat Unlikely, Very Unlikely

Included fields:

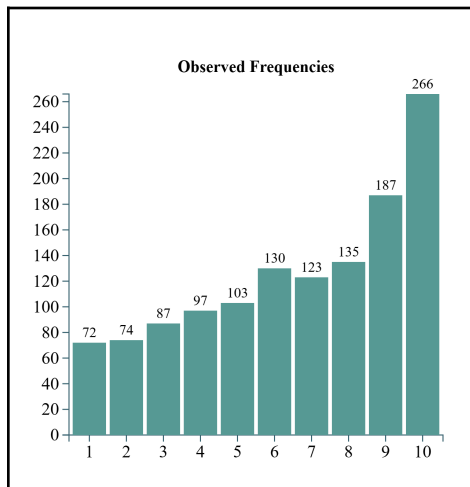
hs_political_donations_likely,
hs_political_donations_unlikely

hs_political_donations_likely

Dependent Variable: Respondents who said 'very likely', 'somewhat likely' vs. those who said 'somewhat unlikely', 'very unlikely'

Internal Haystaq Model Name: political_donations_likely_2w

Positive_FLAG: 10%



hs_political_donations_unlikely

Dependent Variable: This DV is the inverse of the support score above

Internal Haystaq Model Name: inverse of political_donations_2w

Negative_FLAG: 30%

Politician Age

Source question:

Would you support or oppose a maximum age of 75 for federally elected officials?

Unsure ,Strongly Approve, Somewhat Approve, Somewhat Disapprove, Strongly Disapprove

Included fields:

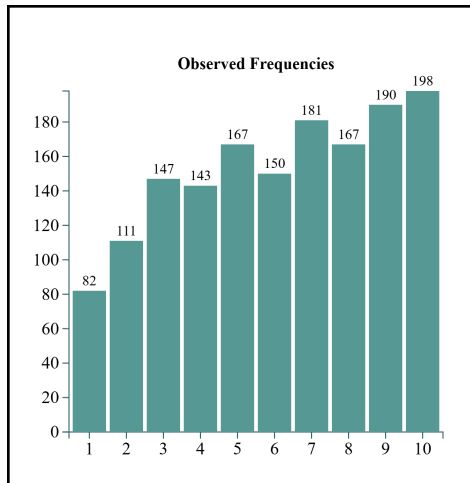
hs_age_limit_support_dem,
 hs_age_limit_oppose_dem,
 hs_age_limit_support,
 hs_age_limit_oppose,

hs_age_limit_support

Dependent Variable: Respondents who answered 'strongly support' vs those who answered 'somewhat oppose','strongly oppose','unsure'

Internal Haystaq Model Name: politician_age_limit_strongly_support_aw

Positive_FLAG: 20%

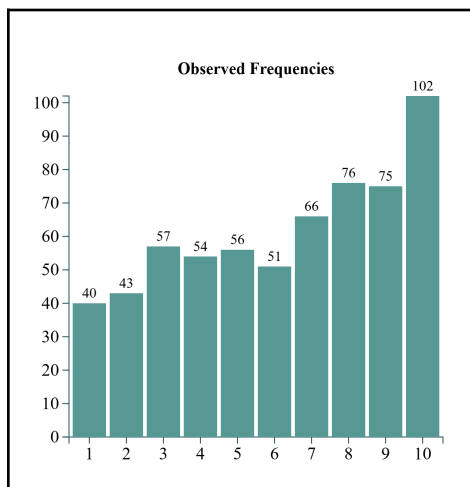


hs_age_limit_oppose

Dependent Variable: Respondents who answered 'strongly oppose' vs those who answered 'somewhat support','strongly support','unsure'

Internal Haystaq Model Name: politician_age_limit_strongly_oppose_aw

Positive_FLAG: 10%



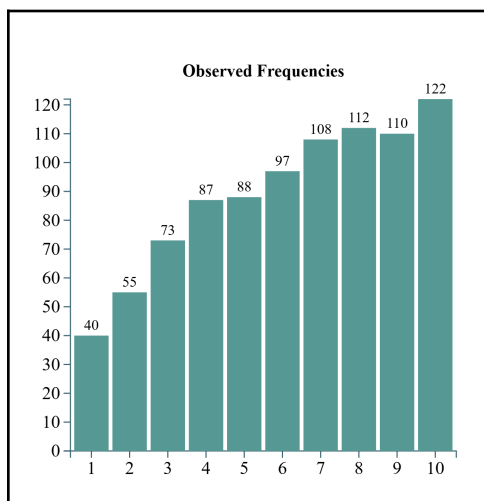
hs_age_limit_support_dem.

***Note: This score was limited to likely Democrats**

Dependent Variable: Respondents who answered 'strongly support' vs those who answered 'somewhat oppose', 'strongly oppose', 'unsure'

Internal Haystaq Model Name: politician_age_limit_strongly_support_dem_aw

Negative_FLAG: 20%



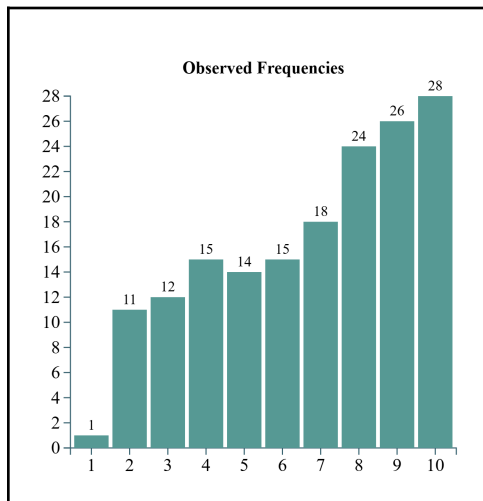
hs_age_limit_oppose_dem

***Note: This score was limited to likely Democrats**

Dependent Variable: Respondents who answered 'strongly oppose' vs those who answered 'somewhat support', 'strongly support', 'unsure'

Internal Haystaq Model Name: politician_age_limit_strongly_oppose_dem_aw

Negative_FLAG: 25%



Primary Election Choice

Source question:

When you vote in primaries do you typically vote in the Democratic ones or the Republican ones? Democratic, Republican, Don't Vote in Primaries, Unsure

Included fields:

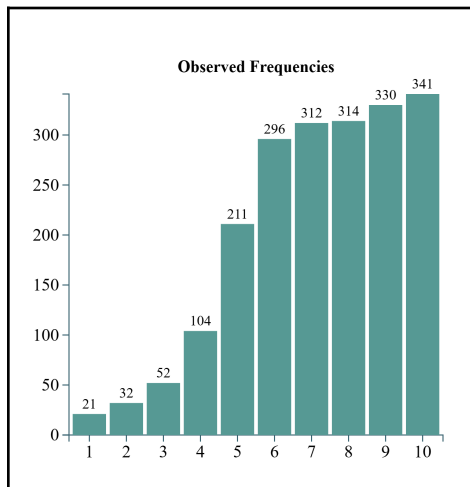
hs_ideology_primary_election_dem_prim_voter,
hs_ideology_primary_election_gop_prim_voter,

hs_ideology_primary_election_dem_prim_voter

Dependent Variable: Respondents who said 'democratic' vs. those who said 'republican'

Internal Haystaq Model Name: primary_dem_2w

FLAG: 30%



hs_ideology_primary_election_gop_prim_voter

Dependent Variable: This DV is the inverse of the primary dem voter score above

Internal Haystaq Model Name: inverse of primary_dem_2w

FLAG: 30%

Public Transit Funding

Source question:

Would you support expanded funding for public transportation such as buses, subways and commuter rail in your state or community even if it meant your taxes could go up?

Support Higher Funding, Oppose Higher Funding, Unsure

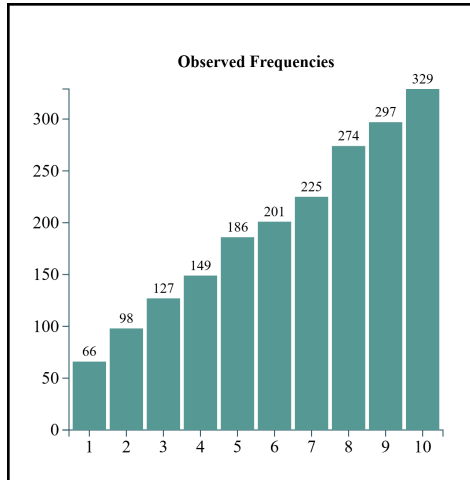
Included fields:

public_transit_support,
public_transit_oppose

hs_public_transit_support

Dependent Variable: Respondents who said 'support higher funding' vs. those who said 'oppose higher funding','unsure'

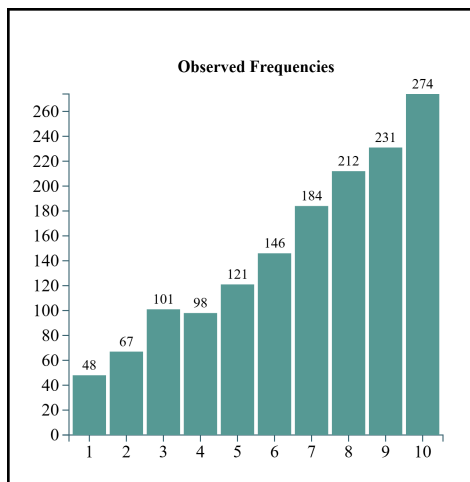
Internal Haystaq Model Name: public_transit_support_funding_aw
Positive_FLAG: 25%



hs_public_transit_oppose

Dependent Variable: Respondents who said 'Oppose Higher Funding' vs. those who said 'support funding' or 'unsure'

Internal Haystaq Model Name: public_transit_oppose_funding_aw
Negative_FLAG: 10%



Race College Admissions

Source question:

Recently, the U.S. Supreme Court decided colleges and universities can no longer take race or ethnicity into consideration during the admissions process. Should colleges and universities be allowed to consider race during admissions?

Unsure , Should Consider Race ,Should Not Consider Race

Included fields:

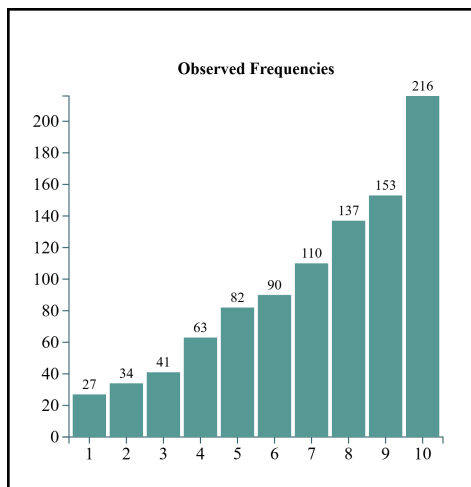
hs_college_admissions_consider_race,
hs_college_admissions_do_not_consider_race

hs_college_admissions_consider_race

Dependent Variable: Respondents who answered 'consider race' vs those who answered 'do not consider race','unsure'

Internal Haystaq Model Name: race_college_admissions_consider_aw

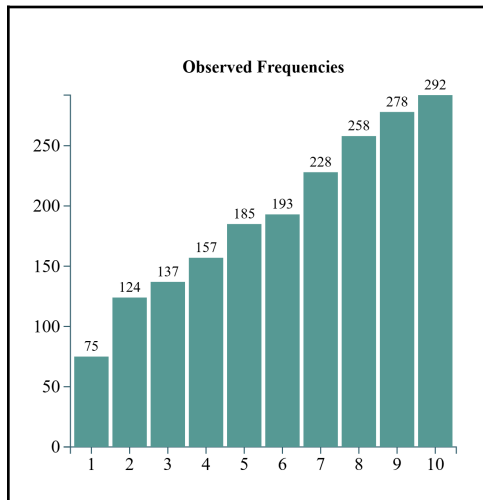
Positive_FLAG: 20%



hs_college_admissions_do_not_consider_race

Dependent Variable: Respondents who answered 'do not consider race' vs those who answered 'consider race','unsure'

Internal Haystaq Model Name: race_college_admissions_do_not_consider_aw
Negative_FLAG: 25%



Rank Choice Voting

Source question:

Do you support electoral systems that allow voters to rank candidates in order of preference, widely known as Ranked Choice Voting? Unfamiliar with Rank Choice Voting, Strongly Support Rank Choice Voting, Somewhat Support Rank Choice Voting, Somewhat Against Rank Choice Voting, Strongly Against Rank Choice Voting

Included fields:

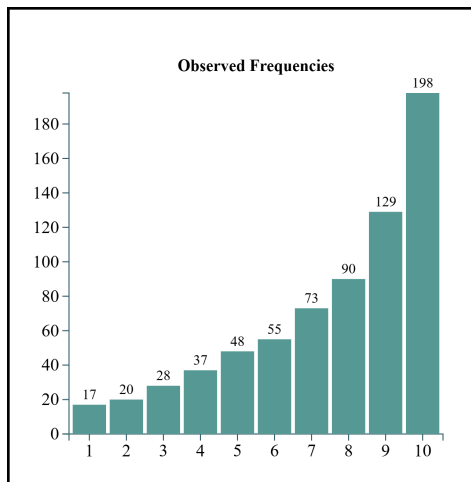
hs_rank_choice_voting_support,
hs_rank_choice_voting_oppose

hs_rank_choice_voting_support

Dependent Variable: Respondents who said 'strongly support' vs. those who said 'strongly oppose','somewhat oppose', 'unfamiliar'

Internal Haystaq Model Name: rank_choice_voting_str_support_aw

Positive_FLAG: 15%

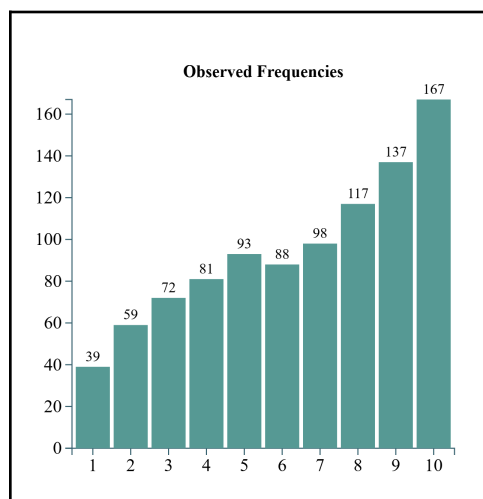


hs_rank_choice_voting_oppose

Dependent Variable: Respondents who said 'strongly oppose','somewhat oppose' vs. those who said 'strongly support','somewhat support','unfamiliar'

Internal Haystaq Model Name: rank_choice_voting_oppose_aw

Negative_FLAG: 10%



Redistricting

Source question:

Thinking about the nation as a whole, would you prefer that redistricting or the drawing of congressional and legislative boundaries be done by state legislatures or by independent commissions?

State Legislatures, Independent Commissions, Undecided or Unsure

Included fields:

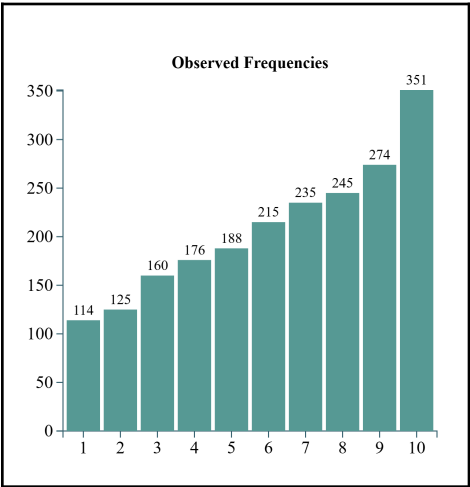
hs_redistrict_independent_com,
hs_redistrict_state_leg

hs_redistrict_independent

Dependent Variable: Respondents who said 'independent commission' vs. those who said 'state legislature', 'undecided or unsure'

Internal Haystaq Model Name: redistricting_indep_com_aw

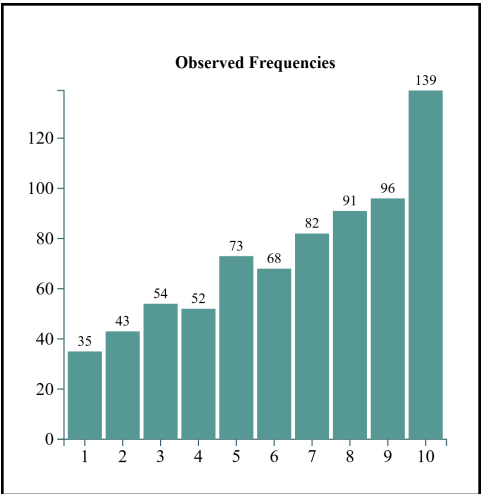
FLAG: 20%



hs_redistrict_state_leg

Dependent Variable: Respondents who said 'state legislature' vs. those who said 'independent commission', 'undecided or unsure'

Internal Haystaq Model Name: redistricting_legislature_aw
FLAG: 10%



Regulations

Source question:

Do U.S. Businesses face too harsh of a regulatory environment or do regulations help keep consumers and employees safe?

Unsure, Regulations Too Harsh, Regulations Help

Included fields:

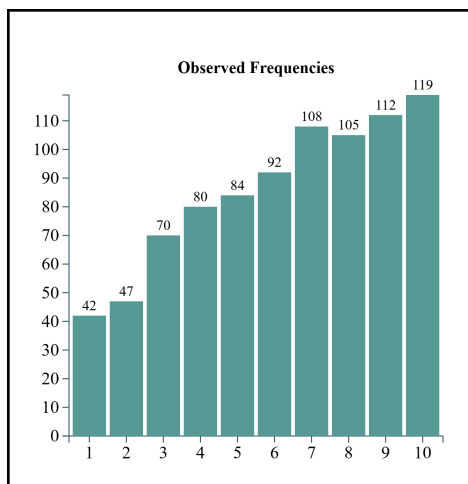
hs_regulations_good,
hs_regulations_too_harsh,

hs_regulations_good

Dependent Variable: Respondents who said 'Regulations Help' vs. those who said 'Unsure', 'Regulations Too Harsh',

Internal Haystaq Model Name: regulations_helpful_aw

FLAG: 20%

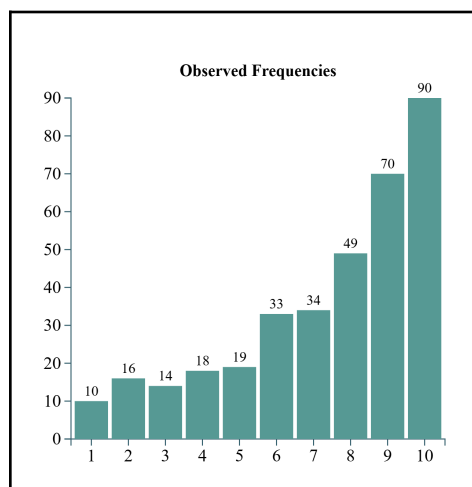


hs_regulations_too_harsh

Dependent Variable: Respondents who said 'Regulations Too Harsh' vs. those who said 'Regulations Help' or 'Unsure',

Internal Haystaq Model Name: regulations_too_harsh_aw

FLAG: 20%



Religion (Importance of)

Source question:

How important would you say religion is in your own life? Extremely Important, Moderately Important , Somewhat Important, Not Important at all

Included fields:

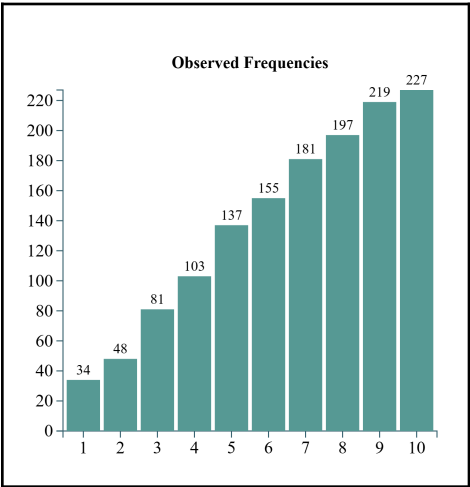
hs_religion_important,
hs_religion_not_important

hs_religion_important

Dependent Variable: Respondents who said 'extremely important' vs. those who said 'not important at all'

Internal Haystaq Model Name: religion_important_str_2w

FLAG: 20%

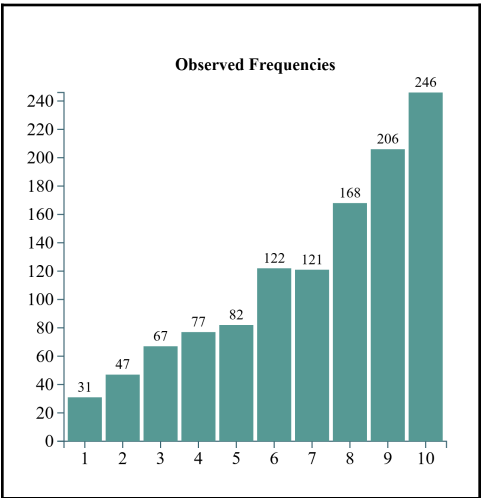


hs_religion_not_important

Dependent Variable: Respondents who said 'not important at all' vs. those who said 'extremely important', 'somewhat important', 'moderately important'

Internal Haystaq Model Name: religion_not_important_aw

FLAG: 20 %



Responsiveness

Source:

Based on survey respondents

Included fields:

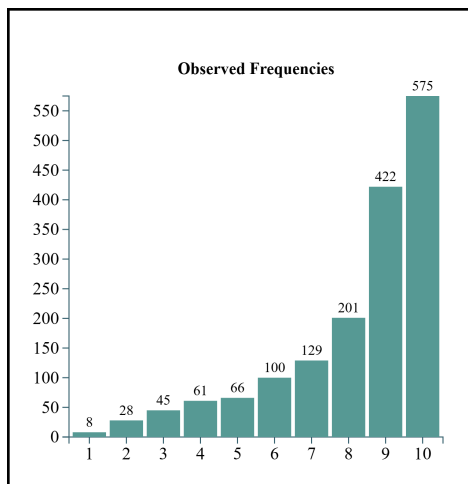
hs_responsiveness_live,
hs_responsiveness_sms,
hs_responsiveness_email

hs_responsiveness_live

Dependent Variable: Respondents via live calling to the survey vs. those who we attempted to reach but who did not respond to the survey via live calling

Internal Haystaq Model Name: live_any_response_dv

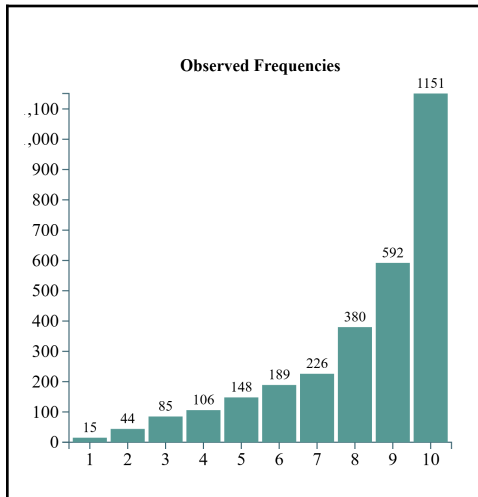
FLAG: 20%

**hs_responsiveness_sms**

Dependent Variable: Respondents via texting to the survey vs. those who we attempted to reach but who did not respond to the survey via texting

Internal Haystaq Model Name: sms_any_response_dv

FLAG: 8%

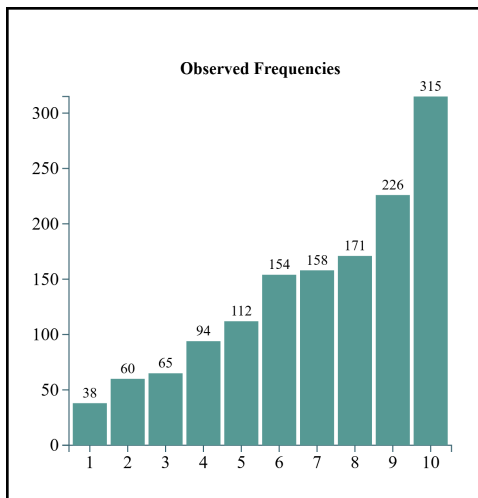


hs_responsiveness_email

Dependent Variable: Respondents via email to the survey vs. those who we attempted to reach but who did not respond to the survey via email

Internal Haystaq Model Name: email_any_response_dv

FLAG: 8%



Rideshare User

Source question:

Do you often use a ride-sharing service like Uber or Lyft?

Yes, No

Included fields:

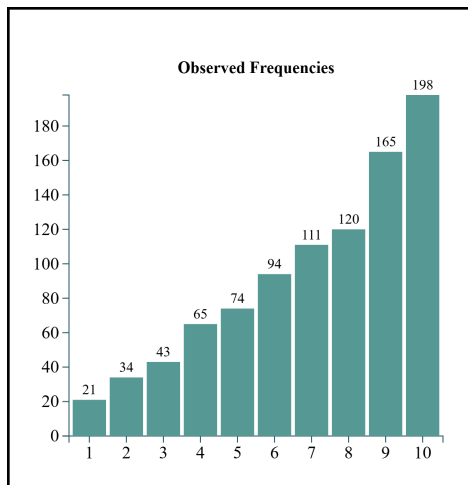
hs_rideshare_user_no,
hs_rideshare_user

hs_rideshare_user

Dependent Variable: Respondents who said 'yes' vs. those who said 'no'

Internal Haystaq Model Name: ridesharing_user_yes_2w

FLAG: 10%



hs_rideshare_user_no

Dependent Variable: Inverse of Consumer_Focus_Rideshare_Use_Rideshare_User

Internal Haystaq Model Name: inverse of ridesharing_user_yes_2w

FLAG: 15%

Same Sex Marriage

Source question:

Do you support or oppose same-sex marriage? Strongly Support, Somewhat Support, Undecided, Somewhat Oppose, Strongly Oppose

Included fields:

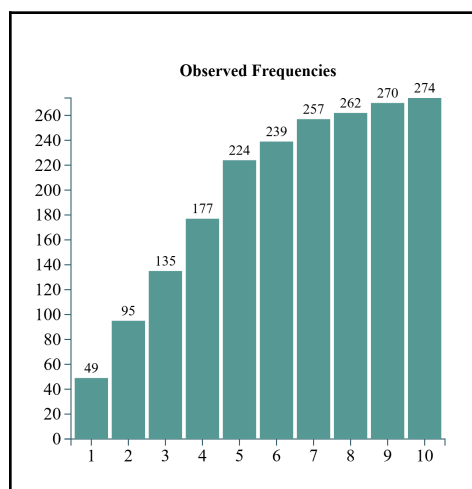
hs_same_sex_marriage_support,
hs_same_sex_marriage_oppose

hs_same_sex_marriage_support

Dependent Variable: Respondents who said 'strongly support' vs. those who said 'strongly oppose'

Internal Haystaq Model Name: same_sex_marriage_str_support_2w

Positive_FLAG: 25%



hs_same_sex_marriage_oppose

Dependent Variable: This DV is the inverse of the marriage-equality support score

Internal Haystaq Model Name: inverse of same_sex_marriage_str_support_2w

Negative_FLAG: 20%

School Choice

Source question:

School choice allows parents to use the tax dollars associated with their child's education to enroll them in the school of their choice, whether public or private. Do you agree more with supporters who say this gives parents the flexibility to choose the right schools for their children or with opponents who say that school choice subsidizes the wealthy while starving the schools that need funding the most.

Support School Choice, Oppose School Choice, Unsure

Included fields:

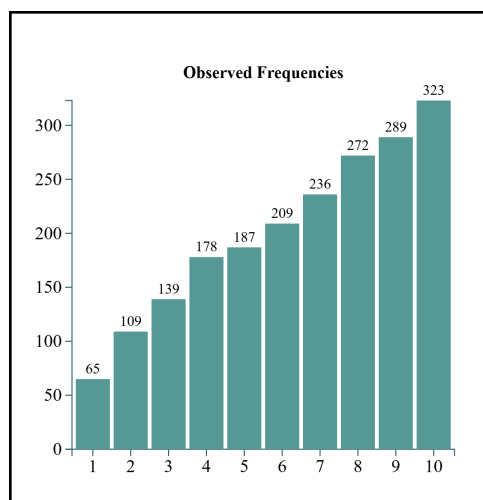
hs_school_choice_oppose,
hs_school_choice_support

hs_school_choice_support

Dependent Variable: Respondents who said 'school choice' vs. those who said 'no school choice' or 'unsure'

Internal Haystaq Model Name: school_choice_support_aw

FLAG: 20%

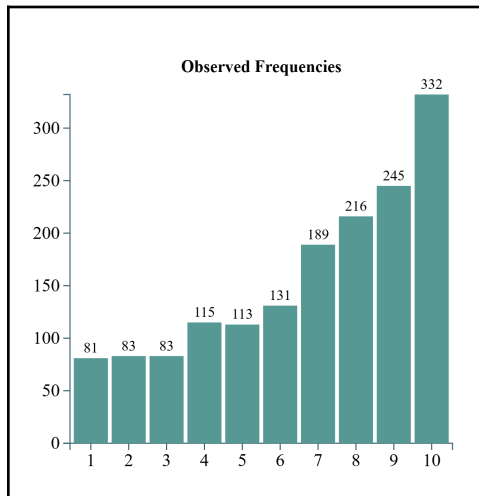


hs_school_choice_oppose

Dependent Variable: Respondents who said 'no school choice' vs. those who said 'school choice' or 'unsure'

Internal Haystaq Model Name: school_choice_oppose_aw

FLAG: 10%



School Spending

Source question:

Would you support increasing funding for public education in your state or community even if it meant your taxes would be higher, or do you think that enough money is already spent on education and that schools need to spend better not more?

Support More Funding for Schools, Do Not Support More Funding for Schools, Unsure

Included fields:

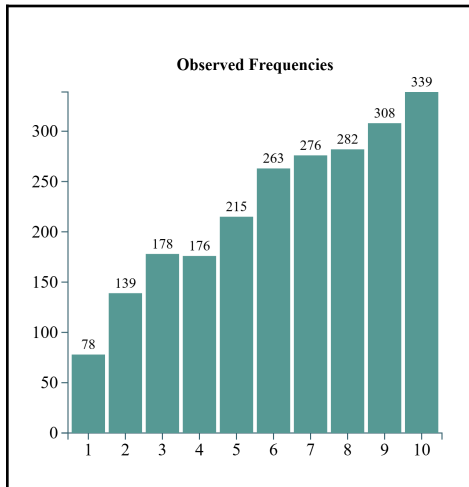
hs_school_funding_more,
hs_school_funding_less

hs_school_funding_more

Dependent Variable: Respondents who said 'more funding for schools' vs. those who said 'less funding for schools' or 'unsure'

Internal Haystaq Model Name: school_spending_support_aw

Positive_FLAG: 20%

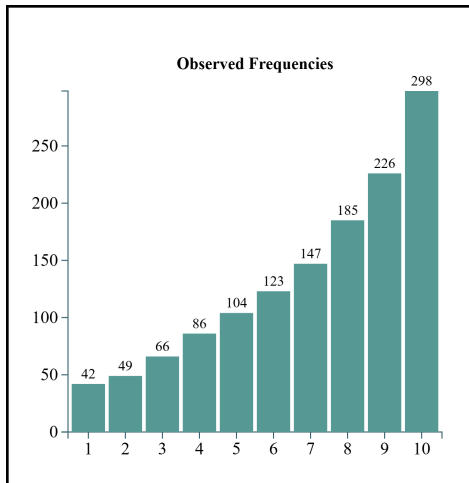


hs_school_funding_less

Dependent Variable: Respondents who said 'less funding for schools' vs. those who said 'more funding for schools' or 'unsure'

Internal Haystaq Model Name: school_spending_oppose_aw

Negative_FLAG: 20%



Social Media User

Source question:

How often do you use social media such as Facebook, Twitter, TikTok, Snapchat or Instagram?

Many Times per Day , Once or Twice a Day , Weekly , Monthly or less ,Never

Included fields:

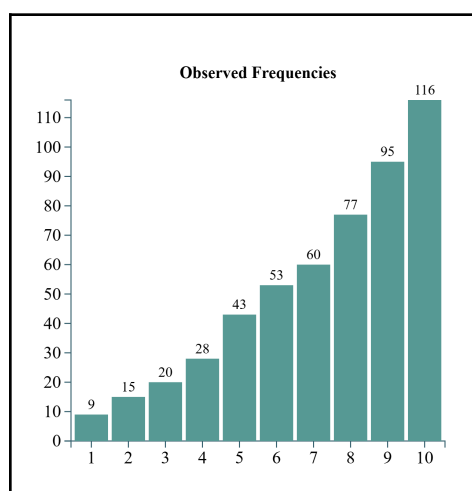
hs_social_media_user_frequent,
hs_social_media_user_no_or_infrequent,

hs_social_media_user_frequent

Dependent Variable: Respondents who said 'Many Times per Day' vs. those who said 'weekly','monthly or less','never'

Internal Haystaq Model Name: social_media_frequent

Positive_FLAG: 25%

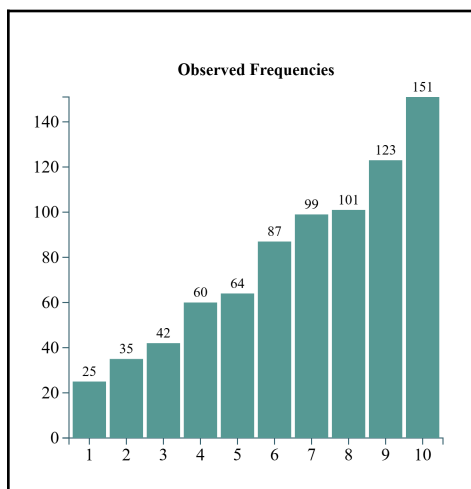


hs_social_media_user_no_or_infrequent

Dependent Variable: Respondents who said 'monthly or less','never' vs. those who said 'Many Times per Day','Once or Twice a Day'

Internal Haystaq Model Name: social_media_infrequent4

Negative_FLAG: 20%



Social Security Tax Increase

Source question:

To preserve Social Security, would you support a small payroll tax increase and/or raising the cap that exempts income above \$176,000?

Yes, No, Unsure

Included fields:

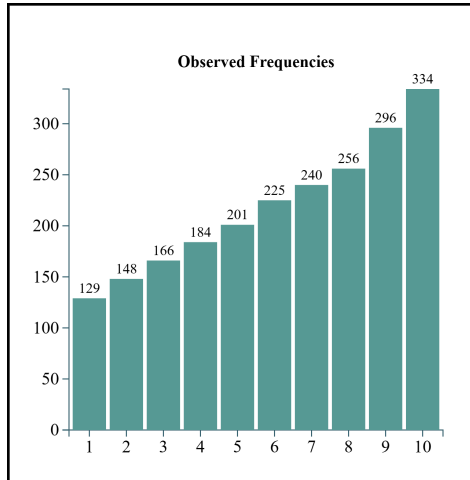
hs_social_security_tax_increase_support

hs_social_security_tax_increase_oppose

hs_social_security_tax_increase_support

Dependent Variable: Respondents who said 'yes tax increase' vs. those who said 'no tax increase' or 'unsure'

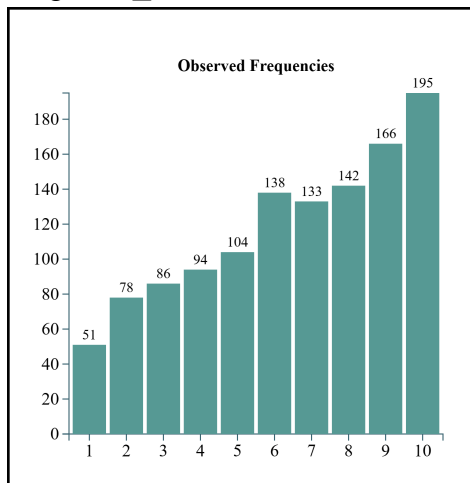
Internal Haystaq Model Name: social_security_support_increase_aw
Positive_FLAG: 25%



hs_social_security_tax_increase_oppose

Dependent Variable: Respondents who said 'no tax increase' vs. those who said 'yes tax increase' or 'unsure'

Internal Haystaq Model Name: social_security_support_oppose_aw
Negative_FLAG: 20%



Solar Panels

Source question:

Are you considering buying solar panels within the next two years?

No Do Not Own A Home , No But Own Home , Yes , Already have Solar Panels

Included fields:

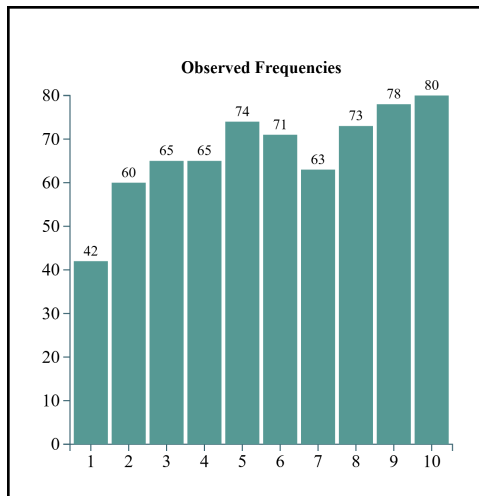
hs_solar_panel_buyer_no,
hs_solar_panel_buyer_yes

hs_solar_panel_buyer_no

Dependent Variable: Respondents who said 'not interested' vs those who said 'yes','already own'

Internal Haystaq Model Name: solar_no_aw

FLAG: 20%

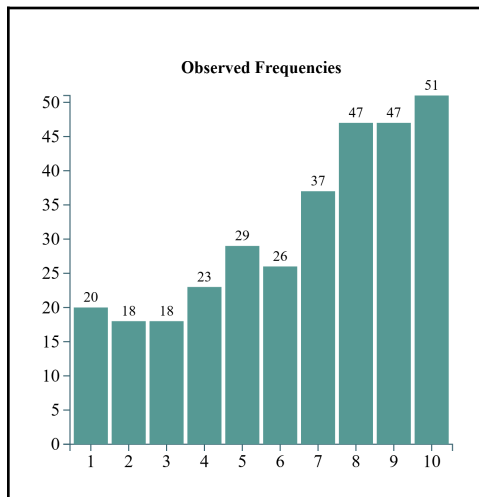


hs_solar_panel_buyer_yes

Dependent Variable: Respondents who said 'yes','already own' vs those who said 'not interested'

Internal Haystaq Model Name: solar_yes_aw

FLAG: 10%



Stadium Financing

Source question: Is it generally worth it for a city to use tax dollars to build a stadium or arena to attract or retain a professional sports team?

Unsure ,Strongly Approve, Somewhat Approve, Somewhat Disapprove, Strongly

Included fields:

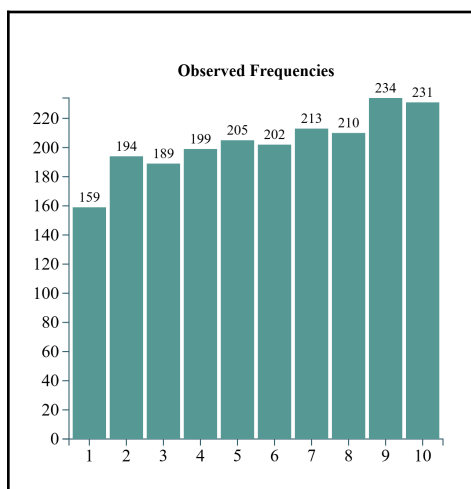
hs_public_financing_stadiums_oppose,
hs_public_financing_stadiums_support

hs_public_financing_stadiums_oppose

Dependent Variable: Respondents who answered 'strongly disapprove' or 'somewhat disapprove' vs those who answered 'strongly approve' or 'somewhat approve' or 'unsure'

Internal Haystaq Model Name: stadium_financing_disapprove_aw

Positive_FLAG: 20%

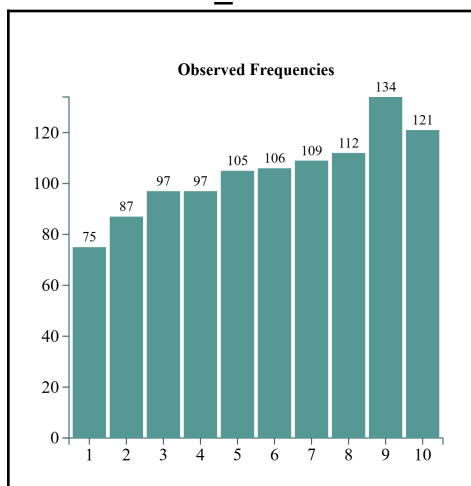


hs_public_financing_stadiums_support

Dependent Variable: Respondents who answered 'strongly approve' or 'somewhat approve' vs those who answered 'somewhat disapprove' or 'strongly disapprove' or 'unsure'

Internal Haystaq Model Name: stadium_financing_approve_2w

Positive_FLAG: 20%



Tax Cut Support

Source question:

Would you support a tax cut for all taxpayers knowing that much of the savings will go to those making more than \$1,000,000 per year?

Support Tax Cut, Oppose Tax Cut, Unsure

Included fields:

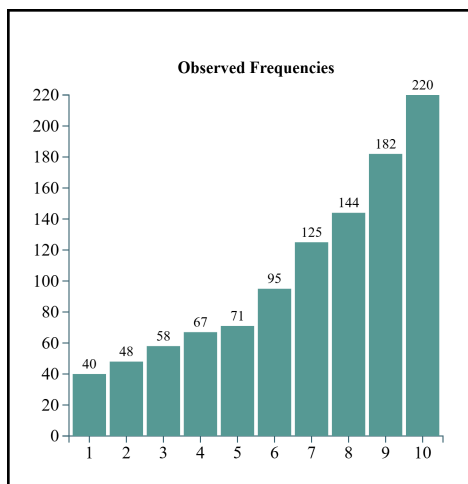
hs_tax_cuts_support,
hs_tax_cust_oppose

hs_tax_cuts_support

Dependent Variable: Respondents who said 'support cut' vs. those who said 'oppose cut' or 'unsure'

Internal Haystaq Model Name: tax_cut_yes_aw

Positive_FLAG: 20%

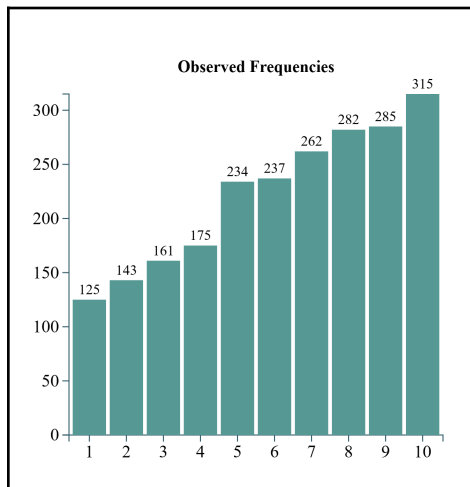


hs_tax_cuts_oppose

Dependent Variable: Respondents who said 'oppose cut' vs. those who said 'support cut', 'unsure'

Internal Haystaq Model Name: tax_cut_no_aw

Negative_FLAG: 20%



Teachers Unions

Source question:

Do you think Teacher Unions have a positive impact on schools or a negative impact?
Positive Impact, Negative Impact, Neutral Impact, Unsure

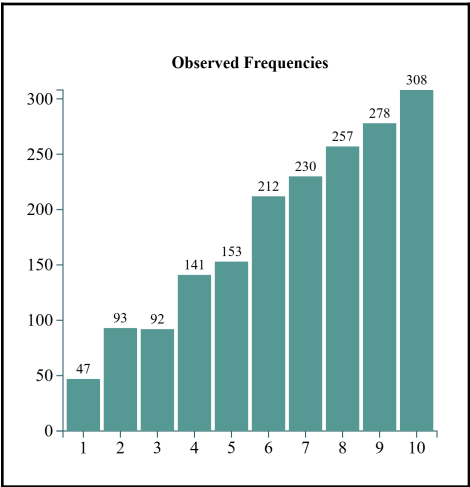
Included fields:

hs_teachers_union_positive,
hs_teachers_union_negative

hs_teachers_union_positive

Dependent Variable: Respondents who said 'positive' vs. those who said 'negative','neutral','unsure'

Internal Haystaq Model Name: teachers_unions_positive_aw
Positive_FLAG: 20%

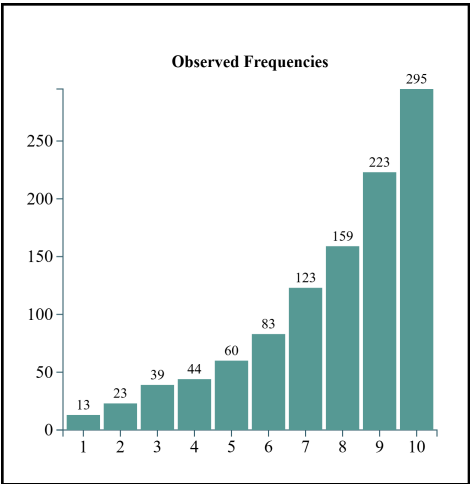


hs_teachers_union_negative

Dependent Variable: Respondents who said ‘negative’ vs. those who said ‘positive’ , ‘neutral’, ‘unsure’

Internal Haystaq Model Name: teachers_unions_negative_aw

Negative_FLAG: 20%



Third Party

Source question:

Some people feel that the Democratic and Republican parties have become too extreme and there is a need for a new moderate party. Do you agree there should be a moderate third party?

Agree, Disagree or Unsure

Included fields:

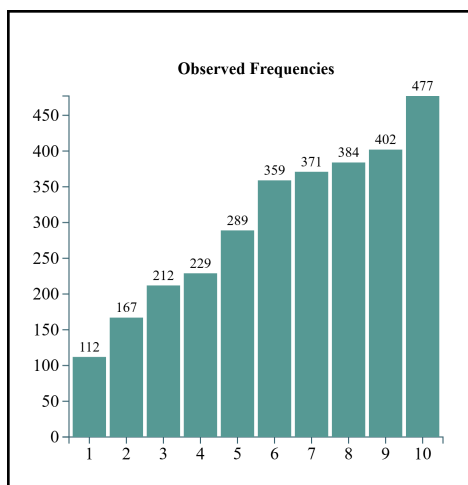
hs_partisanship_moderate_third_party_support,
hs_partisanship_moderate_third_party_oppose

hs_partisanship_moderate_third_party_support

Dependent Variable: Respondents who said 'agree' vs those who said 'disagree' or 'unsure'

Internal Haystaq Model Name: third_party_agree_aw

Positive_FLAG: 15%

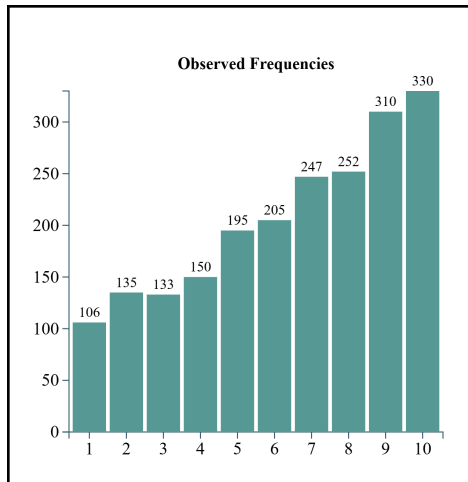


hs_partisanship_moderate_third_party_oppose

Dependent Variable: Respondents who said 'disagree' vs those who said 'agree' or 'unsure'

Internal Haystaq Model Name: third_party_disagree_aw

Negative_FLAG: 20%



Ticket Splitting

Source question:

Democratic respondents were asked:

Would you ever or have you ever voted for a Republican for any office?

Republican respondents were asked:

Would you ever or have you ever voted for a Democrat for any office?

Included fields:

hs_ticket_splitter_yes,

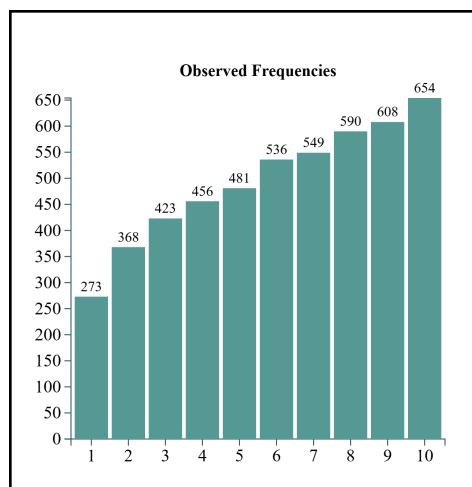
hs_ticket_splitter_no

hs_ticket_splitter_yes

Dependent Variable: Respondents who said "Yes, Split Tickets" vs. those who said 'No','Unsure'

Internal Haystaq Model Name: ticket_splitting_yes_either_3rd_aw

FLAG: 25%

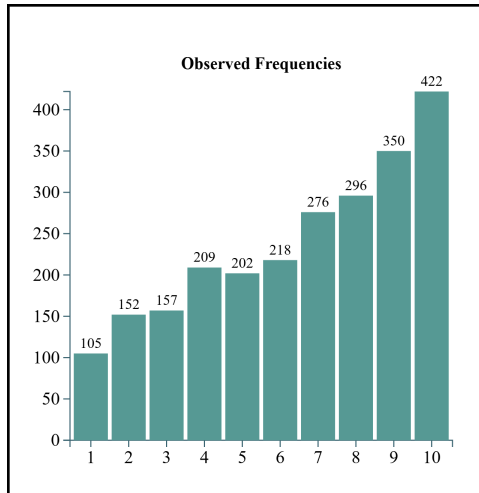


hs_ticket_splitter_no

Dependent Variable: Respondents who said 'no' vs. those who said 'Yes, Unsure'

Internal Haystaq Model Name: ticket_splitting_no_either_3rd_aw

FLAG: 20%



Ticket Splitting Dem

***Note: this score limited to likely Democratic voters only**

Source question:

Would you ever or have you ever voted for a Republican for any office?

Yes, No, Unsure

Included fields:

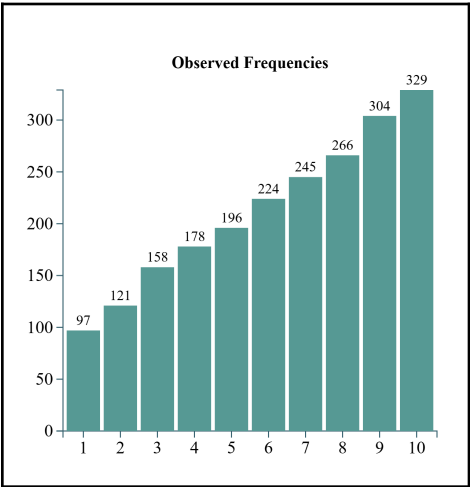
hs_ticket_splitter_dem_yes,
hs_ticket_splitter_dem_no,

hs_ticket_splitter_dem_yes

Dependent Variable: Respondents who said 'Yes' vs. those who said 'No,Unsure'

Internal Haystaq Model Name: ticket_splitting_yes_dem_aw

FLAG: 20%

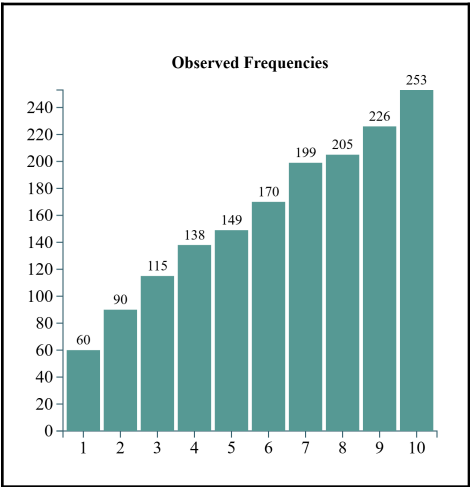


hs_ticket_splitter_dem_no

Dependent Variable: Respondents who said 'No' vs those who said 'Yes,Unsure'

Internal Haystaq Model Name: ticket_splitting_no_dem_aw

FLAG: 20%



Ticket Splitting Gop

***Note: this score limited to likely Republican voters only**

Source question:

Would you ever or have you ever voted for a Democrat for any office?

Yes, No, Unsure

Included fields:

hs_ticket_splitter_gop_yes,

hs_ticket_splitter_gop_no

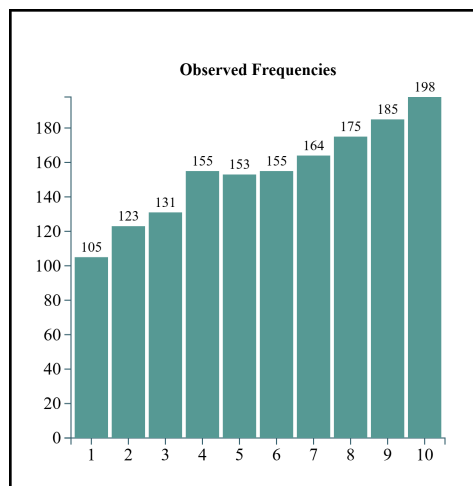
hs_ticket_splitter_gop_yes

***Note: This score was limited to likely Republicans**

Dependent Variable: Respondents who said 'Yes' vs. those who said 'No,Unsure'

Internal Haystaq Model Name: ticket_splitting_yes_gop_aw

FLAG: 15%



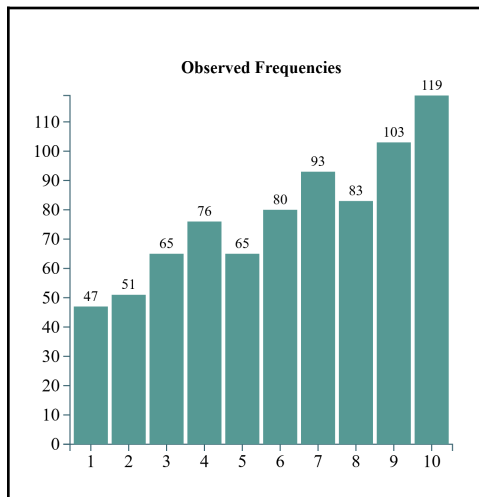
hs_ticket_splitter_gop_no

***Note: This score was limited to likely Republicans**

Dependent Variable: Respondents who said 'No' vs those who said 'Yes,Unsure'

Internal Haystaq Model Name: ticket_splitting_no_gop_aw

FLAG: 20%



Trans Athletes

Source question:

Should Transgender Athletes be allowed to compete in women's sports?

Unfamiliar, Yes, With No Restrictions, Yes, With Some Restrictions, Not Allowed, Unsure

Included fields:

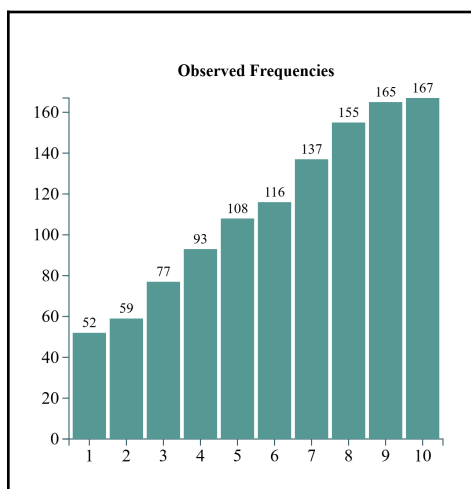
hs_trans_athlete_no,
hs_trans_athlete_yes,

hs_trans_athlete_no

Dependent Variable: Respondents who said 'not allowed' vs. those who said 'yes with no restrictions','yes some restrictions'

Internal Haystaq Model Name: trans_athletes_no_2w

Positive_FLAG: 30%

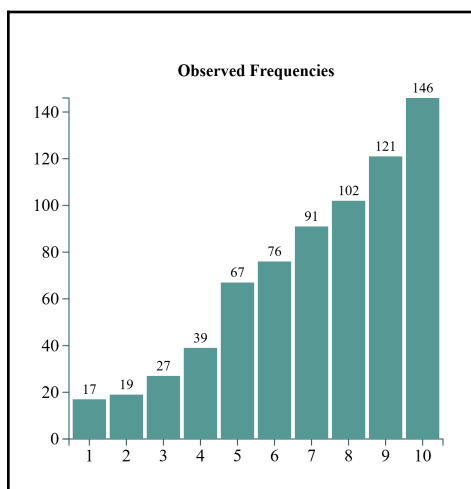


hs_trans_athlete_yes

Dependent Variable: Respondents who said 'yes with no restrictions', 'yes some restrictions' vs. 'not allowed'

Internal Haystaq Model Name: trans_athletes_yes_w_restrictions_2w

Positive_FLAG: 20%



Tribalism

Source question:

When it comes to the location of the US Embassy in Israel, who do you think has or had the better policy, Trump or Biden?

And

When it comes to the federal government's policy of maintaining a military base on the island of Guam, who do you think has or had a better policy, Trump or Biden?

Trump's Better, Biden's Better, Policies seem the Same, Unsure

Included fields:

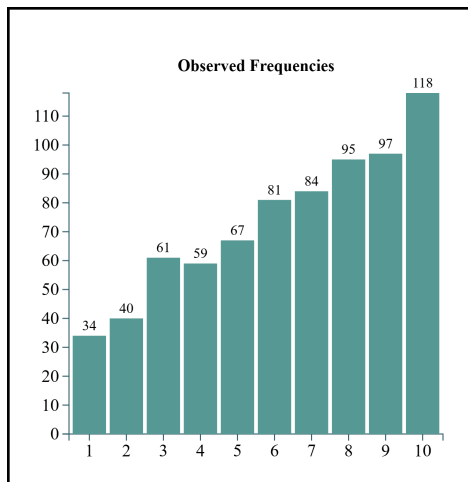
hs_tribalism_open_minded
hs_tribalism_team_gop
hs_tribalism_team_dem

hs_tribalism_open_minded

Dependent Variable: Respondents who said 'same policy','unsure' vs 'dem tribe','gop tribe'

Internal Haystaq Model Name: tribalism_combo_not_tribal_v2

FLAG: 15%

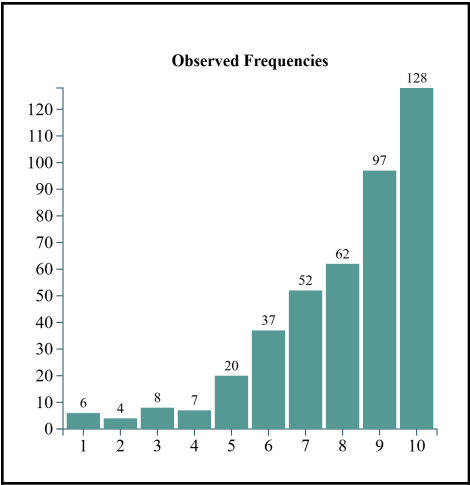


hs_tribalism_team_gop

Dependent Variable: Respondents who said 'gop tribe' vs. those who said 'same policy','unsure', 'dem tribe'

Internal Haystaq Model Name: tribalism_combo_team_gop_v2

FLAG: 20 %

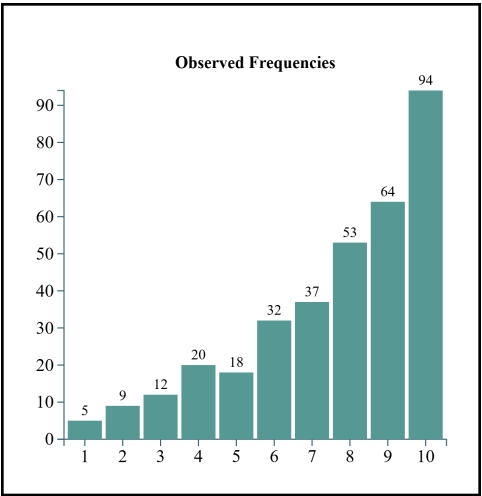


hs_tribalism_team_dem

Dependent Variable: Respondents who said 'dem tribe' vs. those who said 'gop tribe','same policy','unsure'

Internal Haystaq Model Name: tribalism_combo_team_dem_v2

FLAG: 20 %



Trump Tariffs

Source question:

Trump is imposing large tariffs on Canada, Mexico and China. Do you support or oppose these tariffs?

Unsure, Strongly Support, Somewhat Support, Somewhat Oppose, Strongly Oppose

Included fields:

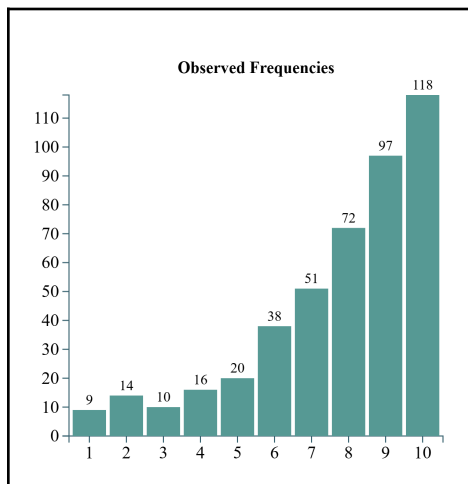
hs_trump_tariffs_oppose,
hs_trump_tariffs_support

hs_trump_tariffs_support

Dependent Variable: Respondents who answered 'strongly support','somewhat support' vs those who answered 'somewhat oppose','strongly oppose'

Internal Haystaq Model Name: trump_tariffs_support_2w

Positive_FLAG: 20%

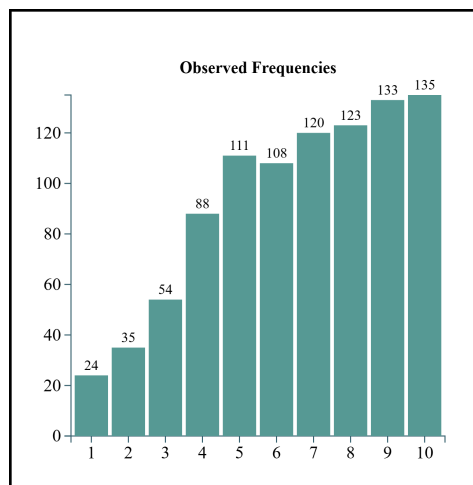


hs_trump_tariffs_oppose

Dependent Variable: Respondents who answered 'strongly oppose','somewhat oppose' vs those who answered 'strongly support','somewhat support','unsure'

Internal Haystaq Model Name: trump_tariffs_oppose_aw

Positive_FLAG: 30%



Trust in Science

Source question:

To what extent do you trust the scientific and medical communities to do what is right?

Almost Always, Usually, Sometimes, Rarely, Unsure

Included fields:

hs_trust_science_yes,

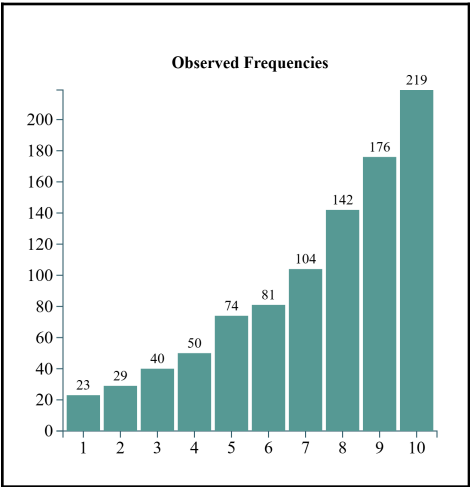
hs_trust_science_no

hs_trust_science_yes

Dependent Variable: Respondents who said 'almost always' vs. those who said 'rarely','sometimes','unsure'

Internal Haystaq Model Name: trust_science_always_aw

Positive_FLAG: 25%

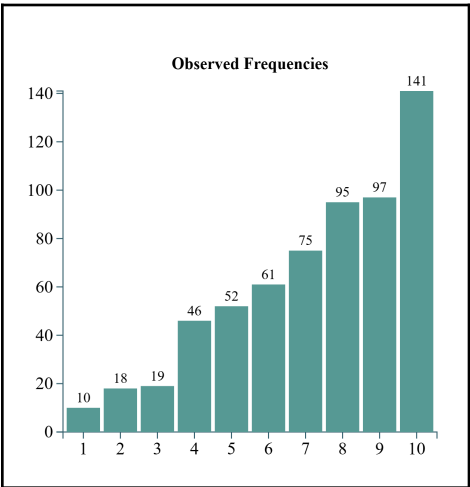


hs_Trust_science_no

Dependent Variable: Respondents who said 'rarely' vs. those who said 'almost always', 'sometimes', 'unsure', 'usually'

Internal Haystaq Model Name: trust_science_rarely_aw

Negative_FLAG: 10%



Truth vs Free Speech

Source question:

Is it more important for Social Media Companies like Facebook and Twitter to ensure truthful information or to protect free speech?

Much More Important to Ensure Truthful Information, Somewhat More Important to Ensure Truthful Information, Somewhat More Important to Ensure Free Speech, Much More Important to Ensure Free Speech, Unsure

Included fields:

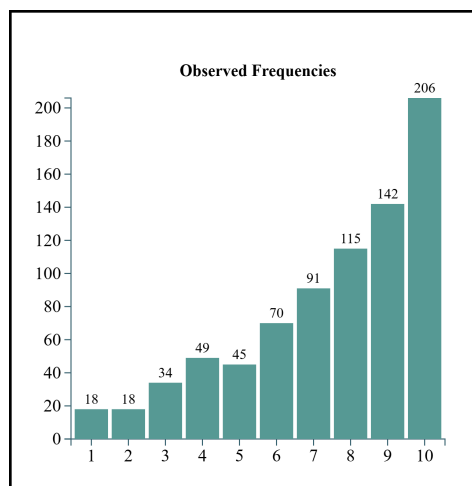
hs_social_media_ensure_free_speech,
hs_social_media_ensure_truth

hs_social_media_ensure_free_speech

Dependent Variable: Respondents who said 'much more free speech' vs. those who said 'much more truth', 'somewhat more truth', 'unsure'

Internal Haystaq Model Name: truth_vs_free_speech_str_fs_aw

FLAG: 20%

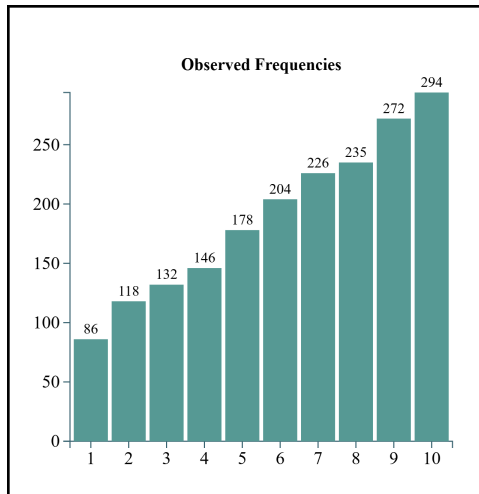


hs_social_media_ensure_truth

Dependent Variable: Respondents who said 'much more truth' vs. those who said 'much more free speech', 'somewhat more free speech', 'unsure'

Internal Haystaq Model Name: truth_vs_free_speech_str_truth_aw

FLAG: 20%



Turnout Scores

Source:

Vote history available on the voter file. This is calibrated to be presidential year turnout.

Included fields:

hs_likely_polling_turnout, hs_likely_mid_term_voter, hs_likely_presidential_voter

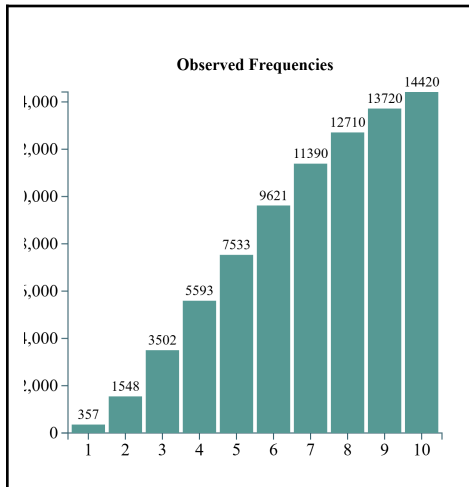
hs_likely_polling_turnout

Note: this is our stable turnout number – it is combined with the previous year's turnout model to create a turnout number that only changes marginally over time.

Dependent Variable: Registered voters who voted in the 2022 presidential election vs. those who were eligible to vote in the 2022 presidential election but did not vote pushed forward onto 2025 turn out data

Internal Haystaq Model Name: hs_likely_polling_turnout

No Flags Associated with this score



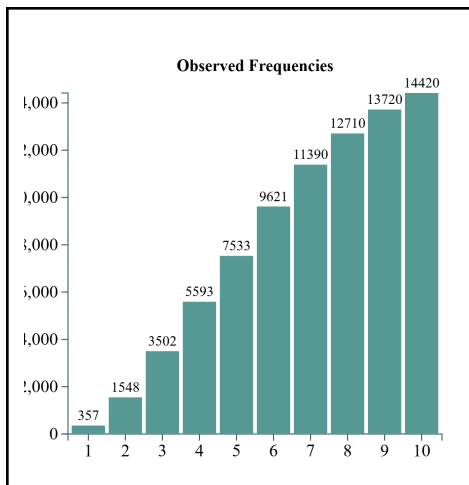
hs_likely_mid_term_voter

Dependent Variable: Registered voters who voted in the 2022 presidential election vs. those who were eligible to vote in the 2022 presidential election but did not vote pushed forward onto 2025 turn out data

Internal Haystaq Model Name: hs_likely_mid_term_voter

Positive Flag: 55% hf_likely_mid_term_voter

Negative Flag: 45% hf_unlikely_mid_term_voter



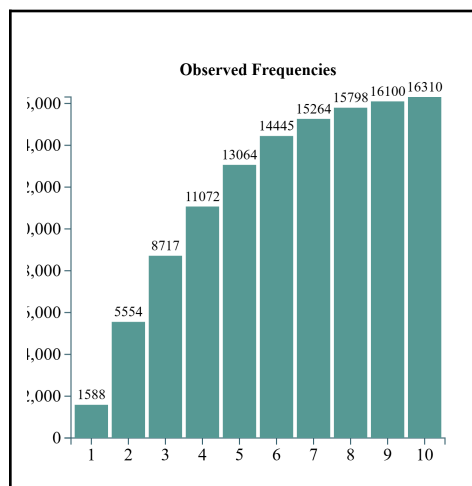
hs_likely_presidential_voter

Dependent Variable: Registered voters who voted in the 2024 presidential election vs. those who were eligible to vote in the 2024 presidential election but did not vote pushed forward onto 2025 turn out data

Internal Haystaq Model Name: hs_likely_presidential_voter

Positive Flag: 55% hf_likely_presidential_voter

Negative Flag: 45% hf_unlikely_presidential_voter_flag



turnout_flags_combined_with_early_vote_and_absentee

hf_likely_presidential_voter_and_likely_absentee_by_mail_flag: top 55% turnout, top 30% absentee

hf_likely_presidential_voter_and_unlikely_absentee_by_mail_flag: top 55% turnout, bottom 35% absentee

hf_unlikely_presidential_voter_and_likely_absentee_by_mail_flag: bottom 45% turnout, top 20% absentee

hf_likely_presidential_voter_and_likely_early_voter_flag: top 55% turnout, bottom 20% early vote

hf_likely_presidential_voter_and_unlikely_early_voter_flag: top 55% turnout, bottom 35% early vote

TV- Trusted News Source

Source question:

Which of the following cable news organizations is the most trustworthy: CNN, Fox News or MSNBC?

CNN, Fox, MSNBC, Unsure

Included fields:

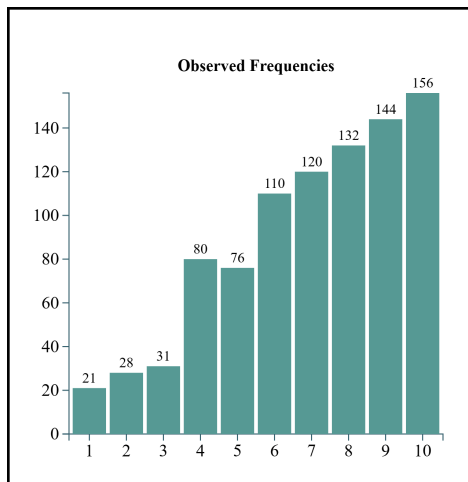
hs_tv_news_source_most_trusted_cnn,
hs_tv_news_source_most_trusted_fox,
hs_tv_news_source_most_trusted_msnbc

hs_Tv_News_Source_Most_Trusted_News_CNN

Dependent Variable: Respondents who said 'cnn' vs. those who said 'fox',
'msnbc','unsure'

Internal Haystaq Model Name: tv_news_source_cnn_aw

FLAG: 15%

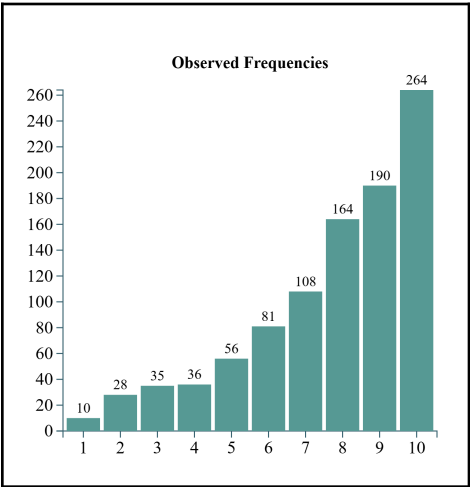


hs_Tv_News_Source_Most_Trusted_News_Fox

Dependent Variable: Respondents who said 'fox' vs. those who said 'cnn',
'msnbc','unsure'

Internal Haystaq Model Name: tv_news_source_fox_aw

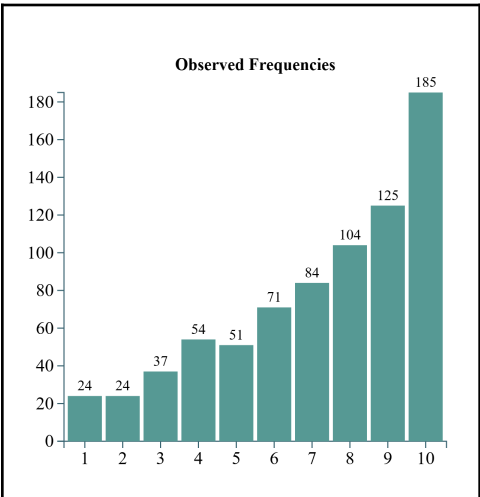
FLAG: 12%



hs_Tv_News_Source_Most_Trusted_News_MSNBC

Dependent Variable: Respondents who said 'msnbc' vs. those who said 'cnn', 'fox', 'unsure'

Internal Haystaq Model Name: tv_news_source_msnbc_aw
FLAG: 10%



TV Viewing

Source question: What is the main way you watch television at home? Do you primarily watch TV via Cable, Satellite, Free Streaming Services like YouTube or TikTok, paid Streaming Services like Netflix or Hulu, or Over the air TV.

Cable,Satellite, Free Streaming ,Paid Streaming, Over the air TV , Don't watch TV

Included fields:

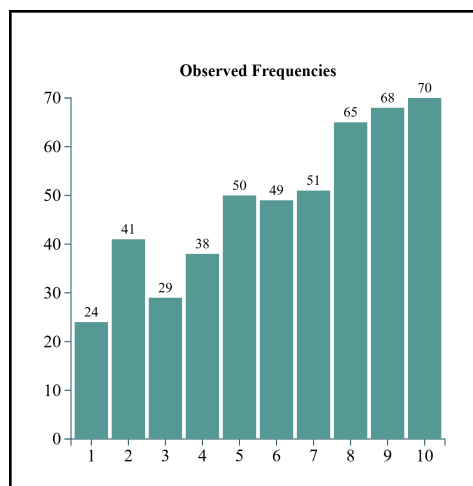
hs_tv_viewer_not_viewer,
hs_tv_viewer_watch_free_streaming,
hs_tv_viewer_watch_any_tv,
hs_tv_viewer_watch_paid_streaming,
hs_tv_viewer_watch_cable

hs_tv_viewer_watch_free_streaming

Dependent Variable: Respondents who said 'free streaming' vs. those who said 'cable','satellite','paid streaming','over the air','dont watch tv'

Internal Haystaq Model Name: tv_source_free_streaming_v2

FLAG: 25%

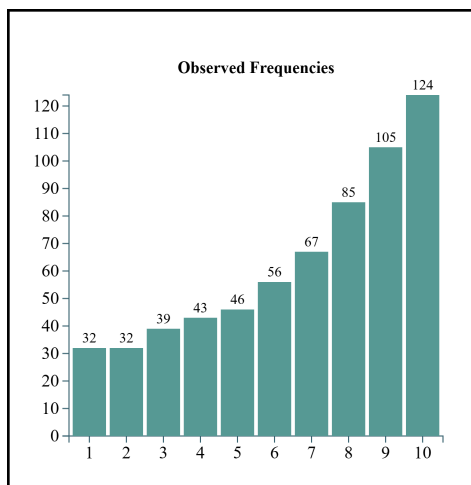


hs_tv_viewer_watch_any_tv

Dependent Variable: Respondents who said 'over the air','cable','satellite', vs. those who said "'cable','satellite','free streaming ',' paid streaming',' don't watch tv'

Internal Haystaq Model Name: tv_source_tv_v2

FLAG: 25%

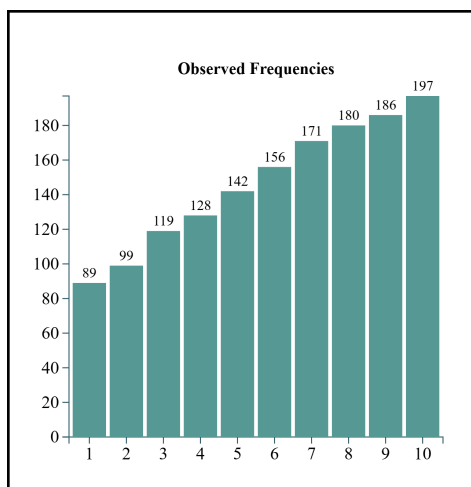


hs_tv_viewer_watch_paid_streaming

Dependent Variable: Respondents who said 'paid streaming' vs. those who said 'cable','satellite','free streaming','over the air','don't watch tv'

Internal Haystaq Model Name: tv_source_paid_streaming_v2

FLAG: 25%

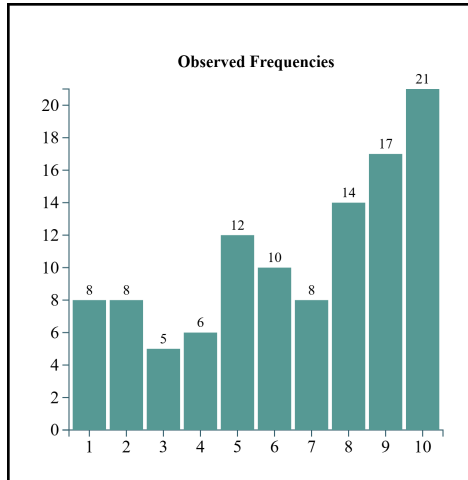


hs_tv_viewer_not_viewer

Dependent Variable: Respondents who said 'dont watch tv' vs. those who said 'cable','satellite','free streaming','paid streaming','over the air'

Internal Haystaq Model Name: tv_source_dont_watch_tv_v2

FLAG: 8%



Ukraine

Source question:

President Trump is significantly lowering the amount of financial and military aid the United States is providing to Ukraine. Do you agree or disagree with President Trump's new policy towards Ukraine?

Unsure, Strongly Agree, Somewhat Agree, Somewhat Disagree, Strongly Disagree

Included fields:

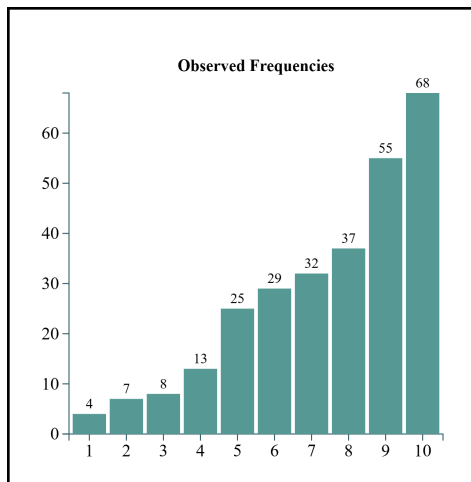
hs_trump_ukraine_policy_support,
hs_trump_ukraine_policy_oppose

hs_trump_ukraine_policy_support

Dependent Variable: Respondents who said 'strongly agree' vs. those who said 'somewhat disagree','strongly disagree'

Internal Haystaq Model Name: trump_ukraine_policy_strongly_support_2w

FLAG: 20%

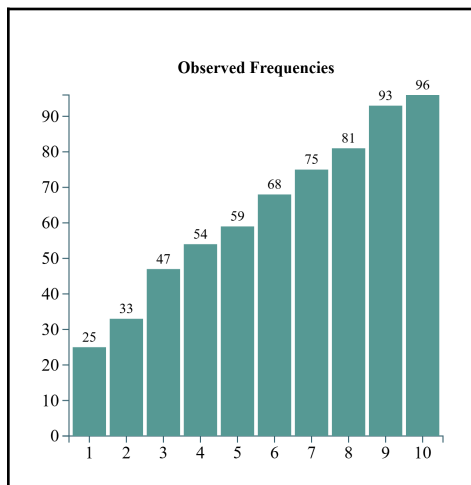


hs_trump_ukraine_policy_oppose

Dependent Variable: Respondents who said 'strongly disagree','somewhat disagree' vs. those who said 'strongly agree','somewhat agree','unsure'

Internal Haystaq Model Name: trump_ukraine_policy_oppose_aw

FLAG: 20%



Unions

Source question:

Do you believe labor unions are mostly beneficial or mostly harmful?
Mostly Beneficial, Mostly Harmful, Unsure

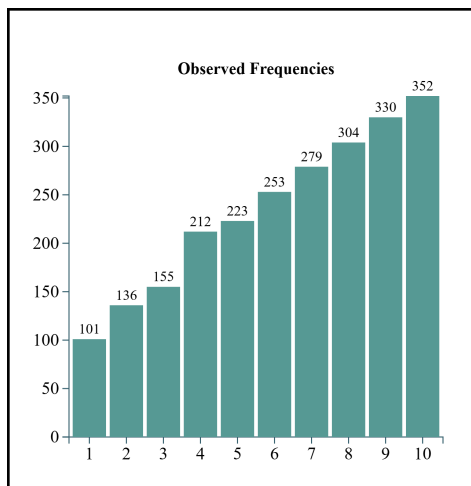
Included fields:

hs_attitude_towards_unions_beneficial,
hs_attitude_towards_unions_not_beneficial

hs_attitude_towards_unions_beneficial

Dependent Variable: Respondents who said 'mostly beneficial' vs. those who said 'mostly harmful' or 'unsure'

Internal Haystaq Model Name: unions_beneficial_aw
Positive_FLAG: 25%

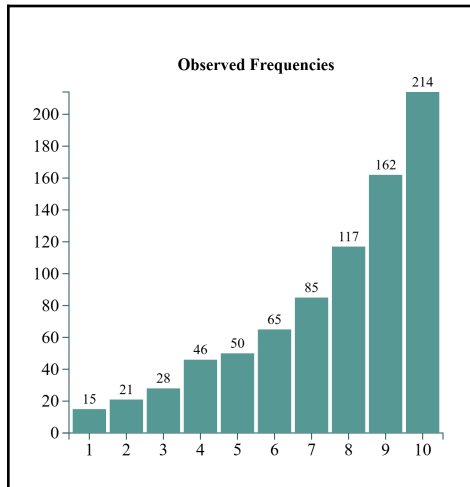


hs_attitude_towards_unions_not_beneficial

Dependent Variable: Respondents who said 'mostly harmful' vs. those who said 'mostly beneficial', 'unsure'

Internal Haystaq Model Name: unions_harmful_aw

Negative_FLAG: 15%



United Healthcare

Source question:

In December of 2024 CEO Brian Thompson was shot and killed in Manhattan. To what extent do United Healthcare's policies and denial of medical claims deserve blame for this death? Unsure, Great Deal of Blame, Some Blame, Not Responsible for this death

Included fields:

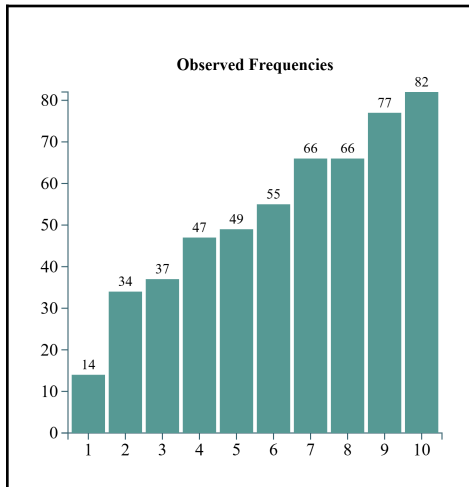
hs_united_healthcare_at_fault,
hs_united_healthcare_no_fault,

hs_united_healthcare_at_fault

Dependent Variable: Respondents who said 'great deal of blame' vs. those who said 'not responsible', 'unsure'

Internal Haystaq Model Name: luigi_mangione_united_much_blame_aw2

Positive_FLAG: 20%

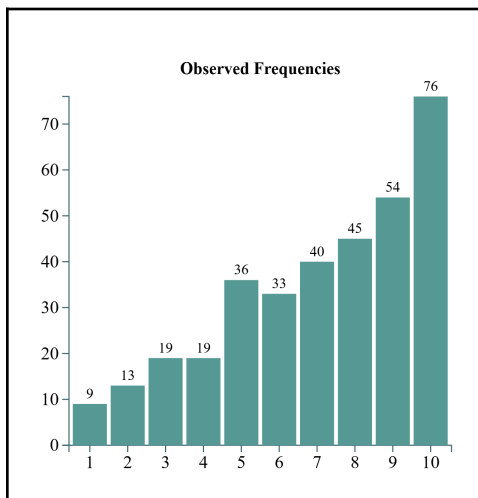


hs_united_healthcare_no_fault

Dependent Variable: Respondents who said 'not responsible' vs. those who said 'unsure', 'great deal of blame', 'some blame'

Internal Haystaq Model Name: luigi_mangione_united_not_responsible_aw

Negative_FLAG: 10%



Vaping

Source question:

Do you use vaping products?

No, Yes

Included fields:

hs_vaping_user_yes,

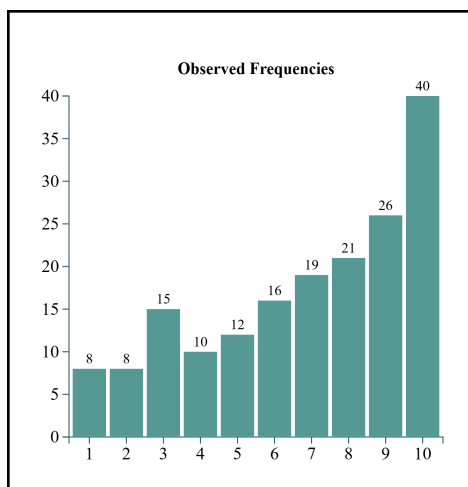
hs_vaping_user_no

hs_vaping_user_yes

Dependent Variable: Respondents who said 'yes' vs. those who said 'no'

Internal Haystaq Model Name: vaping_user_yes_2w_CT

FLAG: % 10



hs_vaping_user_no

Dependent Variable: Respondents who said 'no' vs. 'yes'

Internal Haystaq Model Name: The inverse of vaping yes

FLAG: 20%

View of Opposition

Source question:

How do you view people who voted for a different presidential candidate this last election?

Unsure or Did Not Vote, We just happen to disagree, They are misinformed, Their views are dangerous

Included fields:

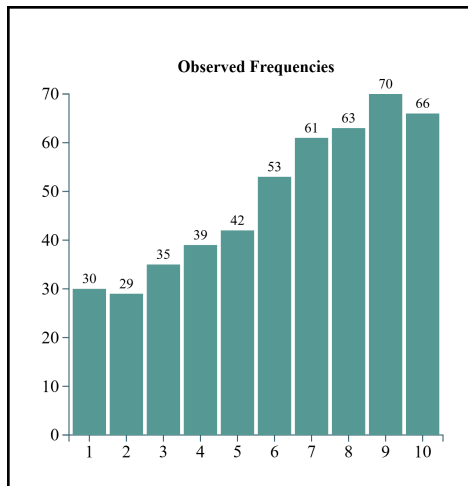
hs_view_of_opposition_just_disagree,
hs_view_of_opposition_misinformed,
hs_view_of_opposition_dangerous

hs_view_of_opposition_just_disagree

Dependent Variable: Respondents who said 'happen to disagree' vs those who said 'dangerous'

Internal Haystaq Model Name: view_of_opposition_just_disagree_2w

FLAG: 20%

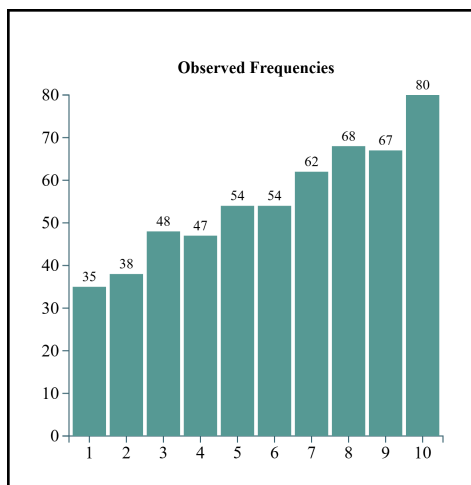


hs_view_of_opposition_misinformed

Dependent Variable: Respondents who said 'misinformed' vs those who said 'unsure','happen to disagree'

Internal Haystaq Model Name: view_of_opposition_misinformed_aw2

FLAG: 10%

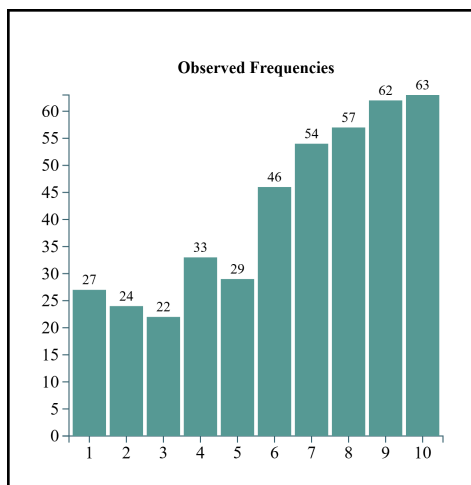


hs_view_of_opposition_dangerous

Dependent Variable: Respondents who said 'dangerous' vs those who said 'unsure','happen to disagree'

Internal Haystaq Model Name: view_of_opposition_dangerous_aw2

FLAG: 20%



Violent Crime Anxiety

Source question:

How much do you worry about violent crime affecting you or your family? Are you very worried, somewhat worried, not very worried or not at all worried about violent crime affecting you or your family?

Very Worried, Somewhat Worried, Not Very Worried, Not At all Worried

Included fields:

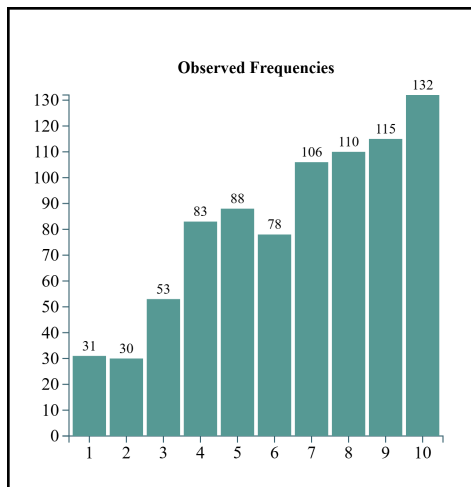
hs_violent_crime_very_worried,
hs_violent_crime_not_worried

hs_violent_crime_very_worried

Dependent Variable: Respondents who said 'very worried' vs. those who said 'not at all worried', 'not very worried'

Internal Haystaq Model Name: violent_crime_very_worried_aw_CT

FLAG: 20%

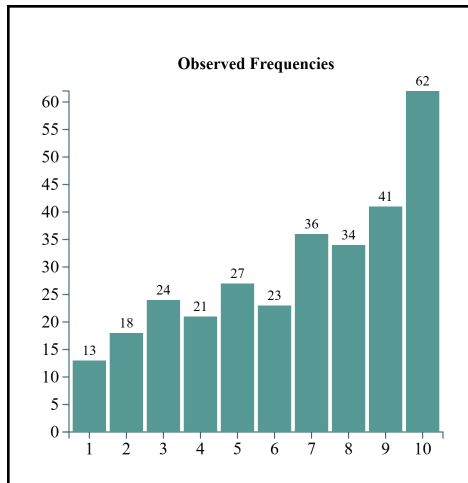


hs_violent_crime_not_worried

Dependent Variable: Respondents who said 'not at all worried' vs. those who said, 'very worried', 'somewhat worried'

Internal Haystaq Model Name: violent_crime_not_at_all_worried_aw

FLAG: 10%



Voting Fraud

Source question:

Which is the greater concern for you around voting - that there are too many people fraudulently casting votes or that there are barriers that make it difficult for people to vote?

Voter Fraud, Voter suppression, Unsure

Included fields:

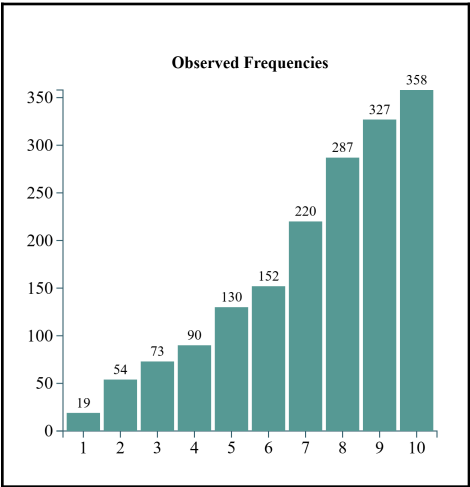
hs_voting_fraud_concern_fraud,
hs_voting_fraud_concern_barriers

hs_voting_fraud_concern_fraud

Dependent Variable: Respondents who said 'voter fraud' vs. 'voter suppression', 'unsure'

Internal Haystaq Model Name: voting_fraud_concerned_aw

FLAG: 25%

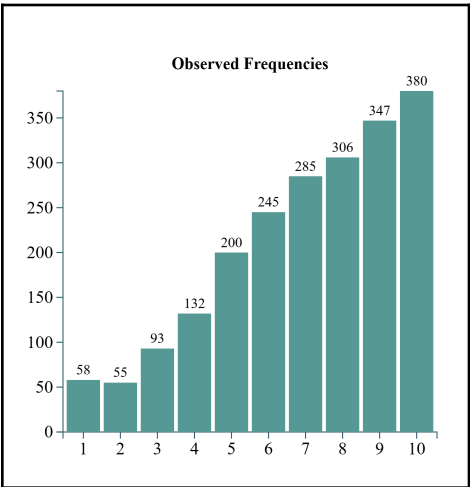


hs_voting_fraud_concern_barriers

Dependent Variable: Respondents who said 'voter suppression' vs.'voter fraud,'unsure'

Internal Haystaq Model Name: voting_fraud_barriers_2w

FLAG: 20%



Wealth Acquisition

Source question:

Do you think that most people in the top 1% acquired their wealth because they worked hard or because of advantages they were handed? Hard Work, Advantages, Unsure

Included fields:

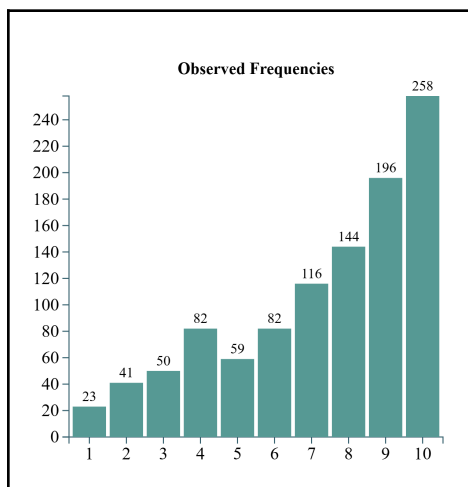
hs_wealth_acquired_hardwork,
hs_wealth_acquired_through_advantages

hs_wealth_acquired_hardwork

Dependent Variable: Respondents who said 'hard work' vs. those who said 'advantages'

Internal Haystaq Model Name: wealth_acquired_through_hardwork_2w

FLAG: 20%



hs_wealth_acquired_advantages

Dependent Variable: Respondents who said 'advantages' vs. those who said 'hard work', 'unsure'

Internal Haystaq Model Name: wealth_acquired_through_advantages_aw
FLAG: 20%

