

# “survey.dta” Codebook

**Title of the paper:** Hate Crimes and Gender Imbalances: Fears over Mate Competition and Violence against Refugees

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## Summary

“survey.dta” is a dataset used to produce survey analyses in the paper (Figure 2, Figure 3, Table 1, Figure 4) and in Appendix D (Figure D2, D3, D4\_1, D4\_2, Table D.5.1, D.5.2, D.6.1, Figure D.6.2, Table D.6.3, D.6.4, D.8.1, D.8.2).

## Data Source

This original data is collected by Rafaela Dancygier, Naoki Egami, Amaney Jamal, Ramona Rischke. Please see Appendix D.1 for details on the data set.

## Variable Descriptions

For each variable, we write **variable names in “survey.dta”** and then **variable names in the paper/the appendix**. Then, we explain each variable’s meaning. Most variables are responses to survey questions. For those, we list “Question” and options for “Answer”, which constitute levels in “survey.dta”. “NA” and “.” always mean missing data.

1. res\_id:
  - Variable Name in the paper: ID for Respondents
  - Description: Identifier for each respondent
2. wave:
  - Variable Name in the paper: survey waves
  - Description: Identifier for each survey wave (total of 4)
3. east:
  - Variable Name in the paper: East
  - Description: = 1 if Former East Germany, and = 0, otherwise
4. hate\_violence\_means:
  - Variable Name in the paper: Means

- Survey Question: When it comes to the refugee problem, violence is sometimes the only means that citizens have to get the attention of German politicians.
  - Answer: 1. disagree strongly, 2. disagree, 3. agree, 4. strongly agree (Note: we recoded such that high/low values indicate high/low support to hate crimes)
5. hate\_justified;
- Variable Name in the paper: Justified
  - Survey Question: Hostility against refugees is sometimes justified, even when it ends up in violence
  - Answer: 1. disagree strongly, 2. disagree, 3. agree, 4. strongly agree (Note: we recoded such that high/low values indicate high/low support to hate crimes)
6. hate\_polcondemn:
- Variable Name in the paper: Condemn
  - Survey Question: Politicians should condemn attacks against refugees more forcefully
  - Answer: 1. Agree strongly, 2. Agree somewhat, 3. Disagree somewhat, or 4. Disagree strongly (Note: we recoded such that high/low values indicate high/low support to hate crimes)
7. hate\_prevent\_settlement:
- Variable Name in the paper: Prevent
  - Survey Question: Racist violence is defensible if it leads to fewer refugees being settled in a town
  - Answer: 1. disagree strongly, 2. disagree, 3. agree, 4. strongly agree (Note: we recoded such that high/low values indicate high/low support to hate crimes)
8. hate\_pol\_message:
- Variable Name in the paper: Message
  - Survey Question: Attacks against refugee homes are sometimes necessary to make it clear to politicians that we have a refugee problem
  - Answer: 1. disagree strongly, 2. disagree, 3. agree, 4. strongly agree (Note: we recoded such that high/low values indicate high/low support to hate crimes)
9. MateComp.cont:
- Variable Name in the paper: Mate Competition
  - Survey Question: The inflow of male refugees makes it more difficult for native men to find female partners
  - Answer: 1. disagree strongly, 2. disagree, 3. agree, 4. strongly agree

10. JobComp.cont:

- Variable Name in the paper: Job Competition
- Survey Question: The inflow of young male refugees makes it more difficult for young native men to find apprenticeships and jobs
- Answer: 1. disagree strongly, 2. disagree, 3. agree, 4. strongly agree

11. LifeSatis.cont:

- Variable Name in the paper: Life Satisfaction
- Survey Question: All things considered, how satisfied are you with your life as a whole nowadays?
- Answer: Please answer using the scale below, where 0 means extremely dissatisfied and 10 means extremely satisfied.

12. pop\_15\_44\_muni\_gendergap\_2015:

- Variable Name in the paper: Excess Males
- Dividing the number of men by the number of women among those aged between 15 and 44 at each municipality
- Merged from "context.dta"

13. age:

- Variable Name in the paper: Age
- Age of respondents

14. signdivsep:

- Variable Name in the paper: Single
- Description: Whether respondents are "Single, without a partner" or "Divorced /Separated". The variable takes 1 if a respondent is "Single, without a partner" or "Divorced /Separated", and 0 if a respondent is "With a partner, not living together", "With a partner, living together", "Married", "Registered partnership", or "Widowed."

15. age\_group:

- Variable Name in the paper: Age Group
- Description: "18-29", "30-39", "40-49", "50-59", or "60 and older"

16. gender:

- Variable Name in the paper: Gender
- Description: Gender of respondents

17. state:

- Variable Name in the paper: State
- "Baden-Württemberg", "Bayern", "Berlin", "Brandenburg", "Bremen", "Hamburg", "Hessen", "Mecklenburg-Vorpommern", "Niedersachsen", "Nordrhein-Westfalen", "Rheinland-Pfalz", "Saarland", "Sachsen", "Sachsen-Anhalt", "Schleswig-Holstein", "Thüringen"

18. citizenship:

- Variable Name in the paper: Citizenship

- Description: Whether a respondent has a German citizenship. The variable takes 1 if a respondent has a German citizenship, and 0 otherwise.

19. marital:

- Variable Name in the paper: Marital Status
- Survey Question: This question is about your living situation. Which one of the categories best describes your situation?
- Answer: "Single, without a partner", "With a partner, not living together", "With a partner, living together", "Married", "Registered partnership", "Divorced/separated", "Widowed."

20. religion:

- Variable Name in the paper: Religion
- Survey Question: Now a question about religious affiliation. Whether or not you are a member of a church or religious community, do you feel close to a particular religion or denomination, and if so, which one?
- Answer:
  - No, I don't feel close to any religion
  - Roman Catholic
  - Protestant
  - Protestant Free Church
  - Other Protestant
  - Eastern Orthodox
  - Other Christian
  - Jewish
  - Muslim
  - Eastern religion (Buddhism, Hinduism, Sikhism, Shinto, Tao, etc.)
  - Other non-Christian religion
  - Christian, but not close to a particular religious community
  - No answer

21. eduysrs:

- Variable Name in the paper: Education
- Survey Question: How many years have you attended school?
- Answer: Number of Years in Education

22. occupation:

- Variable Name in the paper: Main Activity
- Survey Question: What is your occupational status?
- Answer:
  - Homemaker
  - Parental leave
  - In schooling / vocational training, student

- Unemployed / seeking work
- Retired
- Permanently sick or disabled
- Unskilled worker
- Skilled worker
- Employee in low / medium position
- Employee in high position
- Civil servant
- Senior civil servant
- Senior civil servant – highest level
- Self-employed / freelancer
- Other

23. income:

- Variable Name in the paper: Income
- Survey Question: If you add income from all sources, what is your net monthly household income? I mean the amount that remains after deducting taxes and social security contributions. This information is very important for the scientific analysis of our study. Your answers will be kept strictly confidential and will remain anonymous.
- Answers
  - below 500 € (1)
  - 500 to below 1,000 € (2)
  - 1,000 to below 1,500 € (3)
  - 1,500 to below 2,000 € (4)
  - 2,000 to below 2,500 € (5)
  - 2,500 to below 3,000 € (6)
  - 3,000 to below 3,500 € (7)
  - 3,500 to below 4,000 € (8)
  - 4,000 to below 4,500 € (9)
  - 4,500 to below 5,000 € (10)
  - 5,000 or more € (11)
  - No answer (12)

24. household\_size:

- Variable Name in the paper: Household Size
- Survey Question: Now a question about your household. Including yourself, how many people live in your household?
- Answer: Household size

25. self\_econ:

- Variable Name in the paper: Socio-economic self-assessment

- Survey Question: In our society, there are groups which tend to be towards the top and groups which tend to be toward the bottom. Below is a scale that runs from top to bottom. Where would you put yourself on this scale? Please click one box. [created vertical scale with 10 boxes, 10 is “top”, 0 is “bottom”]
- Answer: one value between 0 and 10

26. distance\_ref:

- Variable Name in the paper: Distance to refugee reception centers
- Survey Question: If you had to guess, how many kilometers do you think the closest refugee reception center is from your home?
- Answer:
  - Less than 3 kilometer
  - 3-5 kilometers
  - 6-10 kilometers
  - 11-20 kilometers
  - 21-50 kilometers
  - More than 50 kilometer
  - Don't know

27. settle\_ref:

- Variable Name in the paper: Settlement of refugees living in area
- Survey Question: And if you had to guess once more, how many refugees do you think have settled in your municipality this last year?
- Answer:
  - There are no refugees in my town (1)
  - 1 to 50 (2)
  - 50 – 249 (3)
  - 250 – 499 (4)
  - 500 – 999 (5)
  - More than 1000 (6)

28. Irscale:

- Variable Name in the paper: Left-Right Scale
- Survey Question: And now a question about politics. In politics people sometimes talk of "left" and "right". Using the scale below, where 0 means left and 10 means right, where would you place yourself? [provided 0-10 scale]
- Answer: one value between 0 and 10

29. afd:

- Variable Name in the paper: Closeness to AfD
- Survey Question: There are many political parties in Germany. How close do you feel to the following parties? Use a scale from 0 to 100, where 0

means that you do not at all feel close to a party, and 100 means that you feel very close to the party.

- Answer: a value between 0 and 100 for AfD

30. muslim\_ind:

- Variable Name in the paper: Attitudes toward Muslims
- Description: The average of binary answers (0,1) to the following eight questions. Recode each question such that 1 means more exclusionary attitudes toward Muslims.
- Survey Question: Can you please tell me whether you agree or disagree with the following statements:
  - Because of the many Muslims living in Germany, I sometimes feel like a stranger in my own country
  - The majority of Muslims in Germany thinks Islamic terrorism is justified
  - The majority of Muslims in Germany think that women are subordinate to men
  - Muslims living in Germany cut themselves off from the rest of society
  - Muslim culture is compatible with German culture
  - The wearing of the headscarf by female Muslim students should not be permitted in German schools
  - The construction of mosque minarets should be allowed in Germany
  - Muslims are gaining too much political influence in Germany

31. afd\_ind:

- Variable Name in the paper: Attitudes toward AfD
- Description: The average of binary answers (0,1) to the following four questions. Recode each question such that 1 means more support to AfD.
- Survey Question: Below are a few statements about the “Alternative für Deutschland”, AfD. Please tell me for each one whether you agree or disagree.
  - The AfD is not distancing itself sufficiently from extremist far-right positions
  - I think it's a good thing that the AfD wants to limit the inflow of refugees and migrants to a larger extent than other parties
  - The AfD is an alternative for all those who no longer feel at home in the politically established parties
  - The AfD is the only party that is willing to openly discuss the integration problems of Muslims

32. contact\_ind:

- Variable Name in the paper: Contact with Refugees
- Description: The average of answers to the following six questions. For each question, 1 if an answer is “weekly” or “almost daily”.
- Survey Question: In the last month, how often would you say you have encountered refugees in the following locations?
  - On the street, on public transport, or in parks
  - In stores
  - In a refugee reception center or refugee hostel
  - In school
  - At work
- Survey Question: And in the past month, how often have you spoken with a refugee who has recently arrived in Germany?
- Answer: “never”, “a couple of times”, “weekly”, “almost daily”, “Don’t know”

33. list:

- Variable Name in the paper: Whether in List Experiment or not
- Description: “1” indicates respondents were in the list experiment. “2” means that respondents were asked questions about hate crimes directly.

34. treatment\_list:

- Variable Name in the paper: Treatment in List Experiment
- Description: “Scenario 1” showed three non-sensitive questions, and “Scenario 2” showed the same three questions and one more sensitive question.

35. outcome\_list:

- Variable Name in the paper: Outcome in List Experiment
- Description: The number of the selected items in the list experiment

36. ref\_integrating:

- Variable Name in the paper: Integration
- Survey Question: To what extent do you agree with the following statements? Refugees are integrating well into Germany
- Answer: 1. Strongly agree, 2. Agree, 3. Disagree, 4. Disagree strongly (Note: we recoded such that high values indicate more exclusionary attitudes toward refugees)

37. ref\_citizenship:

- Variable Name in the paper: Citizenship for Refugees
- Survey Question: To what extent do you agree with the following statements? Refugees who live in Germany permanently should be entitled to German citizenship
- Answer: 1. Strongly agree, 2. Agree, 3. Disagree, 4. Disagree strongly (Note: we recoded such that high values indicate more exclusionary attitudes toward refugees)



38. ref\_reduce:

- Variable Name in the paper: Number of refugees
- Survey Question: To what extent do you agree with the following statements? The number of refugees should be reduced
- Answer: 1. Strongly disagree, 2. Disagree, 3. Agree, 4. Strongly agree (Note: we recoded such that high values indicate more exclusionary attitudes toward refugees)

39. ref\_moredone:

- Variable Name in the paper: More for refugees
- Survey Question: To what extent do you agree with the following statements? More is being done for refugees than for native Germans
- Answer: 1. Strongly disagree, 2. Disagree, 3. Agree, 4. Strongly agree (Note: we recoded such that high values indicate more exclusionary attitudes toward refugees)

40. ref\_cultgiveup:

- Variable Name in the paper: Culture
- Survey Question: To what extent do you agree with the following statements? Refugees should be willing to give up much of their culture of origin and instead adopt German culture
- Answer: 1. Strongly disagree, 2. Disagree, 3. Agree, 4. Strongly agree (Note: we recoded such that high values indicate more exclusionary attitudes toward refugees)

41. ref\_economy:

- Variable Name in the paper: Economy
- Survey Question: To what extent do you agree with the following statements? Refugees are good for the German economy
- Answer: 1. Strongly agree, 2. Agree, 3. Disagree, 4. Disagree strongly (Note: we recoded such that high values indicate more exclusionary attitudes toward refugees)

42. ref\_crime:

- Variable Name in the paper: Crime
- Survey Question: To what extent do you agree with the following statements? Refugees increase crime
- Answer: 1. Strongly disagree, 2. Disagree, 3. Agree, 4. Strongly agree (Note: we recoded such that high values indicate more exclusionary attitudes toward refugees)

43. ref\_terror:

- Variable Name in the paper: Terrorism
- Survey Question: To what extent do you agree with the following statements? The inflow of refugees increases the risk of terrorism

- Answer: 1. Strongly disagree, 2. Disagree, 3. Agree, 4. Strongly agree  
(Note: we recoded such that high values indicate more exclusionary attitudes toward refugees)

44. refugee\_ind:

- Variable Name in the paper: Attitudes toward Refugees
- Description: The average of binary answers (0,1) to the above eight questions (“ref\_integrating”, “ref\_citizenship”, “ref\_reduce”, “ref\_moredone”, “ref\_cultgiveup”, “ref\_economy”, “ref\_crime”, “ref\_terror”). Recode each question such that 1 means more exclusionary attitudes toward refugees.

45. ref\_loc\_services:

- Variable Name in the paper: Local social services
- Survey Question: If additional refugees came to your town, this would present a burden on local social services
- Answer: 1. Strongly disagree, 2. Disagree, 3. Agree, 4. Strongly agree  
(Note: we recoded such that high values indicate more exclusionary attitudes toward refugees)

46. ref\_loc\_economy:

- Variable Name in the paper: Local economy
- Survey Question: If additional refugees came to your town, this would benefit the local economy
- Answer: 1. Strongly agree, 2. Agree, 3. Disagree, 4. Disagree strongly  
(Note: we recoded such that high values indicate more exclusionary attitudes toward refugees)

47. ref\_loc\_crime:

- Variable Name in the paper: Local crime
- Survey Question: If additional refugees came to your town, this would increase crime in my town
- Answer: 1. Strongly disagree, 2. Disagree, 3. Agree, 4. Strongly agree  
(Note: we recoded such that high values indicate more exclusionary attitudes toward refugees)

48. ref\_loc\_culture:

- Variable Name in the paper: Local culture
- Survey Question: If additional refugees came to your town, this would enrich the local culture
- Answer: 1. Strongly agree, 2. Agree, 3. Disagree, 4. Disagree strongly  
(Note: we recoded such that high values indicate more exclusionary attitudes toward refugees)

49. ref\_loc\_islam:

- Variable Name in the paper: Islam

- Survey Question: If additional refugees came to your town, this would increase the influence of Islam in my town
- Answer: 1. Strongly disagree, 2. Disagree, 3. Agree, 4. Strongly agree (Note: we recoded such that high values indicate more exclusionary attitudes toward refugees)

50.ref\_loc\_schools:

- Variable Name in the paper: Local school
- Survey Question: If additional refugees came to your town, this would be a big challenge for our local schools
- Answer: 1. Strongly disagree, 2. Disagree, 3. Agree, 4. Strongly agree (Note: we recoded such that high values indicate more exclusionary attitudes toward refugees)

51.ref\_loc\_housing:

- Variable Name in the paper: Housing
- Survey Question: If additional refugees came to your town, this would increase competition for housing in my town
- Answer: 1. Strongly disagree, 2. Disagree, 3. Agree, 4. Strongly agree (Note: we recoded such that high values indicate more exclusionary attitudes toward refugees)

52.ref\_loc\_wayoflife:

- Variable Name in the paper: Living
- Survey Question: If additional refugees came to your town, this would change the way in which we live in my town
- Answer: 1. Strongly disagree, 2. Disagree, 3. Agree, 4. Strongly agree (Note: we recoded such that high values indicate more exclusionary attitudes toward refugees)

53.women\_role:

- Variable Name in the paper: Women's Role
- Survey Question: Women should take their role as wife and mother more seriously
- Answer: 1. Strongly disagree, 2. Disagree, 3. Agree, 4. Strongly agree