Codebook for the replication data of "ChatGPT versus Humans in Judging Discriminatory Scenarios: Experimental Evidence from Japan"

ChatGPT survey data

Variables are coded identically in GPT_4_data.csv, GPT_4o_high_data.csv, GPT_4o_low_data.csv, and OpenAI_o3mini_data.csv. Each row corresponds to each output (not each session).

id

Serial number for chat sessions

C

Experimental condition for the provision of a definition of discrimination

1: None

2: Minimal

3: Detailed

thread_id

Serial numbers of outputs within each session.

Q

Type of the scenario (attribute, group status, sphere, and mechanism)

1: Female/public/taste-based

2: Male/public/taste-based

3: Female/public/stereotypical

4: Male/public/stereotypical

5: Female/public/statistical

6: Male/public/statistical

7: Female/public/customer needs

8: Male/public/customer needs

9: Female/private

10: Male/private

11: Japanese/public/taste-based

12: Chinese/public/taste-based

13: Japanese/public/stereotypical
14: Chinese/public/stereotypical
15: Japanese/public/statistical
16: Chinese/public/statistical
17: Japanese/public/customer needs
18: Chinese/public/customer needs
19: Japanese/private
20: Chinese/private
21: Heterosexuals/public/taste-based
22: Homosexuals/public/taste-based
23: Heterosexuals/public/stereotypical
24: Homosexuals/public/stereotypical
25: Heterosexuals/public/statistical
26: Homosexuals/public/statistical
27: Heterosexuals/public/customer needs
28: Homosexuals/public/customer needs
29: Heterosexuals/private
30: Homosexuals/private
31: UTokyo graduates/public/taste-based
32: NEPU graduates/public/taste-based
33: UTokyo graduates/public/stereotypical
34: NEPU graduates/public/stereotypical
35: UTokyo graduates/public/statistical
36: NEPU graduates/public/statistical
37: UTokyo graduates/public/customer needs
38: NEPU graduates/public/customer needs
39: UTokyo graduates/private
40: NEPU graduates/private
(UTokyo: the University of Tokyo; NEPU: newly established private university)

answer
ChatGPT outputs

Human survey data
Each row corresponds to each respondent.

gender
Respondent gender
1: Man
2: Woman
3: Non-binary/third gender
4: Prefer not to say

age
Respondent age

edu
Educational attainment
1: Junior high school
2: High school
3: Technical college
4: Vocational school
5: Junior college
6: University
7: Graduate school (Master's course)
8: Graduate school (Doctoral course)

pref
Prefecture of residence
1: Aichi
2: Akita
3: Aomori
4: Chiba
5: Ehime
6: Fukui
7: Fukuoka
8: Fukushima
9: Gifu
10: Gunma
11: Hiroshima
12: Hokkaido
13: Hyogo

14: Ibaraki
15: Ishikawa
16: Iwate
17: Kagawa
18: Kagoshima
19: Kanagawa
20: Kochi
21: Kumamoto
22: Kyoto
23: Mie
24: Miyagi
25: Miyazaki
26: Nagano
27: Nagasaki
28: Nara
29: Niigata
30: Oita
31: Okayama
32: Okinawa
33: Osaka
34: Saga
35: Saitama
36: Shiga
37: Shimane
38: Shizuoka
39: Tochigi
40: Tokushima
41: Tokyo
42: Tottori
43: Toyama
44: Wakayama
45: Yamagata
46: Yamaguchi
47: Yamanashi

C

Experimental condition for the provision of a definition of discrimination
1: None
2: Minimal
3: Detailed

Q.*x*
Type of the scenario (attribute, group status, sphere, and mechanism) in the *x*-th task (same structure and numbering as **Q** in ChatGPT data)

rating.*x*
Answer to the rating question
1: Almost certainly not discriminatory
2: Very unlikely to be discriminatory
3: Somewhat unlikely to be discriminatory
4: Somewhat likely to be discriminatory
5: Very likely to be discriminatory
6: Almost certainly discriminatory

text.*x*
Open-ended response