**Prediction for judgments of truth:**

* Valence main effect
  + positive > negative
* Group membership x Valence Interaction
  + Contrasts 1
    - In-group: positive > negative
    - Out-group: negative > positive
    - Contrasts 2
    - Positive: in-group > out-group
    - Negative: out-group > in-group

**Prediction for judgments of social acceptability:**

* Valence main effect
  + positive > negative
* Group membership x Valence interaction
  + Positive: in-group > out-group
  + Negative: out-group > in-group

1. Exploratory analysis (optional)

We are planning exploratory analyses in the following additional areas:

1. Possible relationships between group membership and perceived familiarity, stereotypicality and positivity

We will explore if the group **membership** of the target of the claims affects their perceived familiarity, stereotypicality and positivity of the claims.

2. Possible interaction between group membership and valence on perceived familiarity, stereotypicality and positivity

We will explore if the the effect of group membership will interact with the valence of claims on the ratings of familiarity, stereotypicality and positivity of the claims.

3. Possible moderation effects of consistency and format

We will explore if the consistency and format of the claims affect how group membership and valence affect the various dependent variables.

Preliminary: Manipulation checks

Note. Details on the manipulation checks are identical to the description in “Project C14/19/56: Comparative communication. Study 1: Initial appraisal of implicit and explicit differences”.

The stimulus claims were chosen to be stereotypical or counter-stereotypical (consistency manipulation) and positive or negative (valence manipulation). Some mediators can double as manipulation checks (for Valence: positivity ratings; for Consistency: stereotypicality ratings). The ‘purest’ manipulation checks involve examining the ratings in the implicit condition.

|  |  |  |
| --- | --- | --- |
| **Variable** | **Prediction** | **Test\*** |
| Positivity | Positive > Negative | t-test for paired samples |
| Positive > 4 | one-sample t-test, criterion variable = 4 |
| Negative < 4 | one-sample t-test, criterion variable = 4 |
| Consistency | Stereotypical > Counter-stereotypical | t-test for paired samples |
| Stereotypical > 4 | one-sample t-test, criterion variable = 4 |
| Counter-stereotypical < 4 | one-sample t-test, criterion variable = 4 |

\* Always on ratings in the implicit claim condition only

1. identify with the ‘wrong’ age group:

* Younger participants identifying with older people
* Older participants identifying with younger people

If some participants identify with middle-aged people, we will run the analyses including all participants in their ‘objective’ age group. In addition, we will run the analyses

* If < 25% of one or both groups identify as middle-aged: excluding them
* If 25% or more of one or both age groups: including them but distinguish between 3 rather than 2 age groups (younger, middle-aged, older)

In addition to that, participants will be excluded from the analyses for Experiment 1a if they did not indicate gender identification, and from the analyses for Experiment 1b if they did not indicate their age nor their age group identification.

### Variables

1. Manipulated variables (optional)

Between subjects:

* format of claim (implicit vs. explicit)
* stereotype-consistency of claim (stereotypical vs. counter-stereotypical)

Within subjects:

* valence of characteristic ascribed to target (positive vs. negative)
* target of claim (in 1a: men/women; in 1b: younger/older people)

1. Measured variables (required)

For selection of participants

* Prior knowledge question (yes/no & open question)
* Suspicion probe (yes/no & open question)
* Response times (automatically recorded)

For exploration of salience of between-subjects condition:

* Has participant noticed anything peculiar about the claims? If yes 🡪 open question

For description of sample and to determine group membership:

* Gender identification (man, woman, I do not identify with any gender category)
* Age (open question)
* Age group self-identification (Young people, Middle-aged people, Older people)
* Objective age group identification (Young people, Middle-aged people, Older people)

Dependent measures (judgments: 7-point scales)

* Truth, 1 (*totally untrue*) to 7 (*totally true*)
* Acceptability, 1 (*totally unacceptable*) to 7 (*totally acceptable*)
* Familiarity, 1 (*totally unfamiliar*; 7 (*extremely familiar*)
* Stereotypicality, 1 (*extremely counter-stereotypical*) to 7 (*extremely stereotypical*)
* Positivity, 1 (*extremely negative*) to 7 (*extremely positive*)

1. Indices (optional)

**Indices for hypothesis testing**

Truth = mean truth, all claims

TruthIn = mean truth, claim with target = in-group

TruthOut = mean truth, claim with target = out-group

TruthPos = mean truth, all positive claims

TruthNeg = mean truth, all negative claims

TruthInPos = mean truth, positive claim with target = in-group

TruthInNeg = mean truth, negative claim with target = in-group

TruthOutPos = mean truth, positive claim with target = out-group

TruthOutNeg = mean truth, negative claim with target = out-group

Accept = mean acceptability, all claims

AccIn = mean acceptability, claim with target = in-group

AccOut = mean acceptability, claim with target = out-group

AccPos = mean acceptability, all positive claims

AccNeg = mean acceptability, all negative claims

AccInPos = mean acceptability, positive claim with target = in-group

AccInNeg = mean acceptability, negative claim with target = in-group

AccOutPos = mean acceptability, positive claim with target = out-group

AccOutNeg = mean acceptability, negative claim with target = out-group

**Indices that will already be calculated for “*Project C14/19/56: Comparative communication. Study 1: Initial appraisal of implicit and explicit differences*” and may be used for exploratory analyses**

TruthMenPos = mean truth, positive claims with target = Men

TruthWomPos = mean truth, positive claims with target = Women

TruthMenNeg = mean truth, negative claims with target = Men

TruthWomNeg = mean truth, negative claims with target = Women

TruthYoungPos = mean truth, positive claims with target = Younger people

TruthOldPos = mean truth, positive claims with target = Older people

TruthYoungNeg = mean truth, negative claims with target = Younger people

TruthOldNeg = mean truth, negative claims with target = Older people

AccMenPos = mean acceptability, positive claims with target = Men

AccWomPos = mean acceptability, positive claims with target = Women

AccMenNeg = mean acceptability, negative claims with target = Men

AccWomNeg = mean acceptability, negative claims with target = Women

AccYoungPos = mean acceptability, positive claims with target = Younger people

AccOldPos = mean acceptability, positive claims with target = Older people

AccYoungNeg = mean acceptability, negative claims with target = Younger people

AccOldNeg = mean acceptability, negative claims with target = Older people

Familiarity = mean familiarity, all claims

FamPos = mean familiarity, all positive claims

FamNeg = mean familiarity, all negative claims

FamMenPos = mean familiarity, positive claims with target = Men

FamWomPos = mean familiarity, positive claims with target = Women

FamMenNeg = mean familiarity, negative claims with target = Men

FamWomNeg = mean familiarity, negative claims with target = Women

FamYoungPos = mean familiarity, positive claims with target = Younger people

FamOldPos = mean familiarity, positive claims with target = Older people

FamYoungNeg = mean familiarity, negative claims with target = Younger people

FamOldNeg = mean familiarity, negative claims with target = Older people

Stereotypicality = mean stereotypicality, all claims

SterPos = mean stereotypicality, all positive claims

SterNeg = mean stereotypicality, all negative claims

SterMenPos = mean stereotypicality, positive claims with target = Men

SterWomPos = mean stereotypicality, positive claims with target = Women

SterMenNeg = mean stereotypicality, negative claims with target = Men

SterWomNeg = mean stereotypicality, negative claims with target = Women

SterYoungPos = mean stereotypicality, positive claims with target = Younger people

SterOldPos = mean stereotypicality, positive claims with target = Older people

SterYoungNeg = mean stereotypicality, negative claims with target = Younger people

SterOldNeg = mean stereotypicality, negative claims with target = Older people

Positivity = mean positivity, all claims

PosiPos = mean positivity, all positive claims

PosiNeg = mean positivity, all negative claims

PosiMenPos = mean positivity, positive claims with target = Men

PosiWomPos = mean positivity, positive claims with target = Women

PosiMenNeg = mean positivity, negative claims with target = Men

PosiWomNeg = mean positivity, negative claims with target = Women

PosiYoungPos = mean positivity, positive claims with target = Younger people

PosiOldPos = mean positivity, positive claims with target = Older people

PosiYoungNeg = mean positivity, negative claims with target = Younger people

PosiOldNeg = mean positivity, negative claims with target = Older people

**Addition indices that will be calculated for exploratory analyses**

SterIn = mean stereotypicality, claim with target = in-group

SterOut = mean stereotypicality, claim with target = out-group

SterInPos = mean stereotypicality, positive claim with target = in-group

SterInNeg = mean stereotypicality, negative claim with target = in-group

SterOutPos = mean stereotypicality, positive claim with target = out-group

SterOutNeg = mean stereotypicality, negative claim with target = out-group

FamIn = mean familiarity, claim with target = in-group

FamOut = mean familiarity, claim with target = out-group

FamInPos = mean familiarity, positive claim with target = in-group

FamInNeg = mean familiarity, negative claim with target = in-group

FamOutPos = mean familiarity, positive claim with target = out-group

FamOutNeg = mean familiarity, negative claim with target = out-group

PosiIn = mean positivity, claim with target = in-group

PosiOut = mean positivity, claim with target = out-group

PosiInPos = mean positivity, positive claim with target = in-group

PosiInNeg = mean positivity, negative claim with target = in-group

PosiOutPos = mean positivity, positive claim with target = out-group

PosiOutNeg = mean positivity, negative claim with target = out-group