

NaSt-Face-Picture-Study, Landau, 2018 (#8229)

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1) Have any data been collected for this study already?

No, no data have been collected for this study yet.

2) What's the main question being asked or hypothesis being tested in this study?

Walks in nature will increase rated facial attractiveness and will decrease perceived stress.

3) Describe the key dependent variable(s) specifying how they will be measured.

Rated attractiveness and stress in photos of models before and after a walk in the nature vs. a walk in an urban area

4) How many and which conditions will participants be assigned to?

Two-parted study:

Part 1: 2x2 within-subject design. 20 participants ("models") will participate in two walks (in urban area and nature). Before and after each walk photos of the face will be taken (i.e., 4 photos per model + questionnaires on perceived stress and restoration).

Part 2: Different participants will rate the complete set of photos (4 per model) for perceived attractiveness and stress.

5) Specify exactly which analyses you will conduct to examine the main question/hypothesis.

One 2x2 ANOVA (nature/urban x before/after; repeated measures) each for rated attractiveness and stress.

6) Describe exactly how outliers will be defined and handled, and your precise rule(s) for excluding observations.

Part 1: We will exclude participants who did not participate in the complete procedure (2 walks, 4 photos, 4 questionnaires, demographic data).

Furthermore, models who show major changes in their appearance between the two conditions (e.g., new haircut or different beard shape) will be excluded.

Part 2: Participants will be excluded when they report to not reach normal vision (with or without glasses/contacts) or when they did not complete the whole procedure.

If a participant (of either part 1 or 2) decided to cancel his/her participation, data will be deleted.

7) How many observations will be collected or what will determine sample size? No need to justify decision, but be precise about exactly how the number will be determined.

Part 1: 20 male models will be recruited.

Part 2: We aim for a minimum of 82 participants.

8) Anything else you would like to pre-register? (e.g., secondary analyses, variables collected for exploratory purposes, unusual analyses planned?)