Entitlement and status (#10356)

Author(s)
Liz Redford (University of Florida) - lizredford@ufl.edu
Jens Lange (University of Amsterdam) - j.lange2@uva.nl
Jan Crusius (University of Cologne) - jan.crusius@uni-koeln.de

1) Have any data been collected for this study already?
It's complicated. We have already collected some data but explain in Question 8 why readers may consider this a valid pre-registration nevertheless.

2) What's the main question being asked or hypothesis being tested in this study?
Confirmatory: Psychological entitlement will have a positive effect on self-rated prestige and dominance, a positive effect on peer-rated dominance, and no or a negative effect on peer-rated prestige.

3) Describe the key dependent variable(s) specifying how they will be measured.
Dependent variables:
Psychological entitlement will be measured using The Psychological Entitlement Scale (PES)
2) Prestige and dominance will be measured using prestige and dominance motivation scales, adapted from Cheng and colleagues prestige and dominance scales (2013, 2010; as used in Lange et al., 2016). First, participants will complete these items phrased as referring to themselves (self-rated prestige and dominance). Second, participants will complete these items phrased as referring to their dyad partner (peer-rated prestige and dominance).

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

5) Specify exactly which analyses you will conduct to examine the main question/hypothesis.
We will examine our predicted effects with an actor-partner interdependence model (APIM) in which entitlement predicts self-rated and peer-rated prestige and dominance. Given the only modest convergence of self- and peer-rated status in such designs (e.g., Lange et al., 2016), separate analyses will be conducted for both. Nevertheless, the initial models are the same.

Actor-Partner-Interdependence Model with indistinguishable partners
- direct effects of entitlement on prestige and dominance
- error terms of prestige and dominance are free to covary
- corresponding means, intercepts, and (co)variances are set equal between partners
- full actor-partner pattern

6) Describe exactly how outliers will be defined and handled, and your precise rule(s) for excluding observations.
We will exclude dyads in which someone does not follow instructions or encounters severe technical difficulties, preventing him or her from finishing the study.

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.
We plan to collect data from about 360 participants (180 dyads). We will finish each respective day of data collection. Thus, it may happen that we will have slightly more than 180 dyads.

8) Anything else you would like to pre-register? (e.g., secondary analyses, variables collected for exploratory purposes, unusual analyses planned?)
We will collect data in Florida. At the end of the academic year, if we do not have enough participants, we continue data collection in Cologne

We had created an earlier pre-registration, #7677, which got deleted 6 days after creating it because one of us forgot to approve it. We realized the mistake when about two thirds of the data had been collected. At this point, we created a new preregistration without having looked at the data.