

# README\_\_SPKC

*NML DesJardins*

*3/7/2017*

## Dissertation Data: Stuff to Know

### Study1\_\_SPIT\_\_only.sav

This has all the answers to the SPIT questionnaire. I don't have access to SPSS at the moment, so it hasn't been opened in at least a year. I don't think I did anything to it except verify that the data entry was accurate (whatever I last sent to Smrithi is the last time I touched it – I'd refer back to that). It should join up to the .csv file by PercieverId.

### Study 1\_\_alldata\_\_w scored outcomes\_\_91617.csv

This has a whole lot of everything. It's long by perciever and group. It has the questions everyone was asked after each task, the group-mean-centered RR effects, the un-centered RR effects (*.gm*), individual difference scale scores, and demographic data. It also has individual responses to the lost on the moon (*LOM.*) and problem solving (*PS.*) questions, as well as scored group outcomes. See *Study 1 Group Task Scoring Outcomes Codebook* for details about each scored outcome. Variables that start with *task\_* are the participants' reports about the task itself (see the post-task questionnaire).

Rows where *drop* == 1 should be dropped from analyses to maintain independence across groups. These are groups that were weird – they either had < 4 people, or contained members who had already worked with each other.

## Group Variables

- PerceiverID* & *target.id* are what they sound like (perceiver is making the rating about the target)
- Session* indicates which data collection session the participant was in; they're ordered chronologically.
- Group*: chronological group (1 = first group; 2 = second group; etc)
- GroupID*: unique group identifier
- table*: just the table they were sitting at; should always be the same for everyone in a group
- task*: which task the group completed (1 = problem solving; 2 = LGD; 3 = lost on the moon; 4 = unstructured/social)

## Individual Difference Scales

Individual differences were reported prior to the group interactions. They include:

*bfie, bfi, bfi, bfi, bfi*: scores for the BFI

*E\_Enthus, E\_Assert...*: These are scales for the BFAS, which has 2 facets for each for the Big Five traits

*ntb*: need to belong

*npi\_sum*: summed score of the NPI (this is the only sum - all other scales are either single-item or mean scores)

*npi\_mean*: mean score of NPI

*sensepower, usepower*: Anderson, Keltner & John sense of and capacity to use power

*prestige, dominance*: Cheng & Tracy scales

*ctrl1, ctrl2*: these were control questions to make sure people were paying attention

## Round-Robin Group Perceptions

*Suffixes:*

.p : perceiver effect

.t: target effect

.s: self-report

.gm: contains the group mean (not group-mean centered)

.mp: meta-perception (so .mp.t is how i think you think about me)

.enhance: self-enhancement index

ext - agr - con - neu - ope are based on scale scores of the BFI-10 items. All other RR variables are single-items.

*Be sure to drop anyone where **drop** == 1 before doing any analyses where groups need to be independent of each other.*

### problem solving scoring.R

This has how I scored all of the group tasks (despite the name, it has problem solving, LOM, and LGD scoring), in case you want more details about how that happened.

### Other info

My github repo ([github.com/nmldesjardins/Dissertation](https://github.com/nmldesjardins/Dissertation)) has the code for the analyses I ran for my dissertation. **Study 1 analyses.R** and **Study 1 analyses part 2.R** are what I used for the paper.