Supplementary Material

Supplementary tables and figures for:

Normalization of overweight and obesity in family relations: a personal network analysis study

Iulian Oană[1−2*]

Marian-Gabriel Hâncean[1−2]

Marius Geantă[2]

Cosmina Cioroboiu[2]

Isidro Maya-Jariego[3]

Jürgen Lerner[4]

Bianca-Elena Mihăilă[1−2]

Bogdan-Adrian Vidrașcu[1−2]

[1] *Department of Sociology, University of Bucharest, Panduri 90-92, 050663, Bucharest, Romania*

[2] *Center for Innovation in Medicine, Th. Pallady 42J, 032266, Bucharest, Romania*

[3] *Social Psychology Department, Universidad de Sevilla, Calle Camilo José Cela s/n, 41018, Seville, Andalucía, Spain*

4*Department of Computer and Information Science, University of Konstanz, Universitaetsstrasse 10, 78464, Konstanz, Germany*

*Corresponding author; email: `iulian.oana@sas.unibuc.ro`

Contents

This is the Supplementary Material file corresponding to the manuscript titled: **Normalization of overweight and obesity in family relations: a personal network analysis study**.

This document contains ***only the supplementary figures and tables mentioned in the article***. For a full description of the data, R code, and detailed analyses, please see the `R Quarto` document (`qmd`) and the associated `html` output, that can be found in the Zenono repository: `https://doi.org/10.5281/zenodo.17209784`. At this repository you can find the data and code for replicating all the analyses presented in the body of the manuscript.

Figure S1. Interaction plot for predicted probabilities of accuracy based on alter BMI category and ego-alterfamily relation

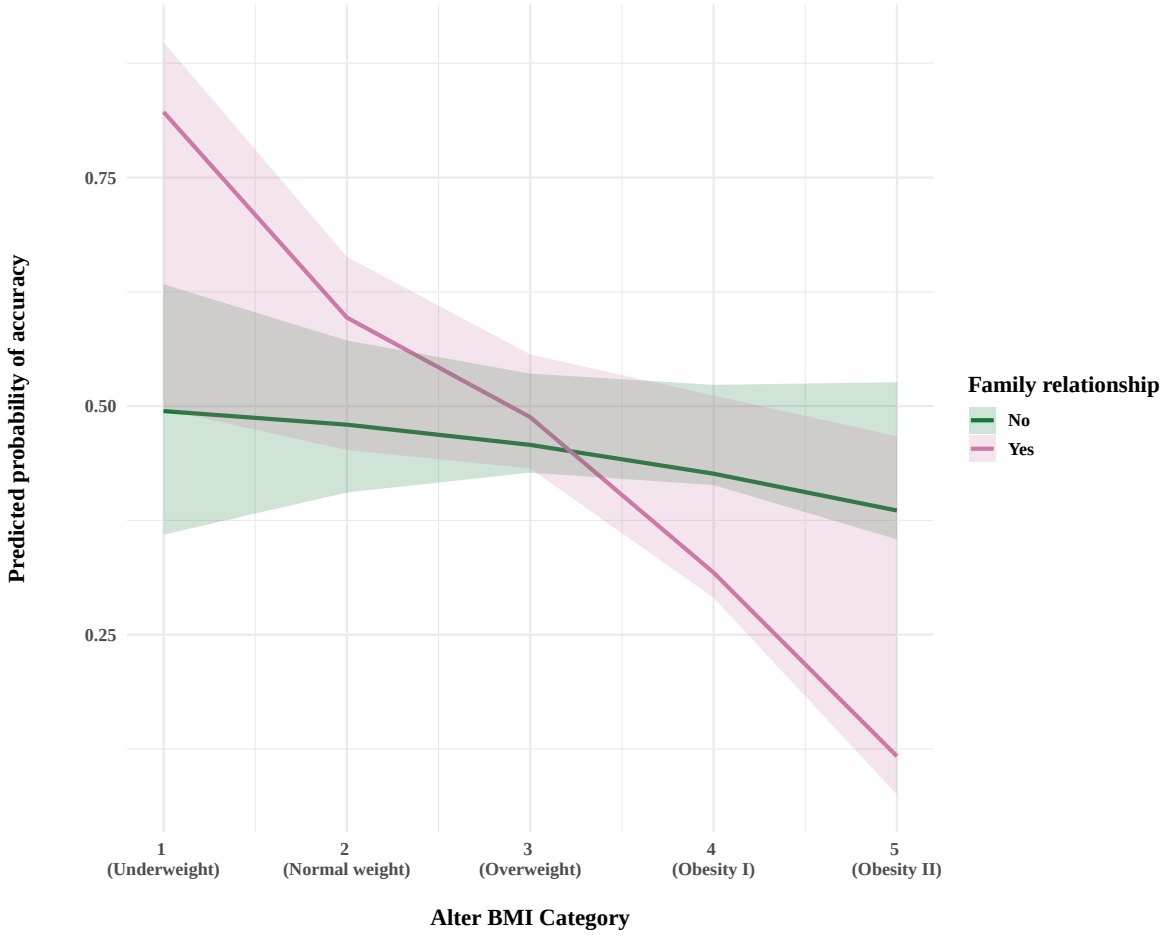

Figure S1: Interaction plot for predicted probabilities of accuracy based on alter BMI category and ego-alter family relation

Table S1. Independent samples t-test comparing mean ego underestimation scores for family vs. non-family evaluations

Homogeneity of variance across groups, in order to see what type of t-test to compute:

Levene's test

```
## Levene's Test for Homogeneity of Variance (center = median)
##        Df F value Pr(>F)
## group   1  0.2128 0.6453
##       129
```

Flinger-Killeen test

```
##
##  Fligner-Killeen test of homogeneity of variances
##
## data:  mean_pd by fam_rel
## Fligner-Killeen:med chi-squared = 1.4426, df = 1, p-value = 0.2297
```

Table S1

Method	Alternative	Mean 1	Mean 2	M_1 - M_2	t	df	p	95% CI
Two Sample t-test	two.sided	0.36	0.28	0.07	1.13	129	.261	[-0.06, 0.21]

Table S2. Independent samples t-test comparing mean alter underestimation scores for family vs. non-family evaluations

Homogeneity of variance across groups, in order to see what type of t-test to compute:

Levene's test

```
## Levene's Test for Homogeneity of Variance (center = median)
##        Df F value Pr(>F)
## group   1  0.1206  0.729
##       124
```

Flinger-Killeen test

```
##
##  Fligner-Killeen test of homogeneity of variances
##
## data:  mean_pd by fam_rel
## Fligner-Killeen:med chi-squared = 0.42069, df = 1, p-value = 0.5166
```

Table S2

Method	Alternative	Mean 1	Mean 2	M_1 - M_2	t	df	p	95% CI
Two Sample t-test	two.sided	0.39	0.32	0.07	0.98	124	.331	[-0.07, 0.21]