

Supplemental Material

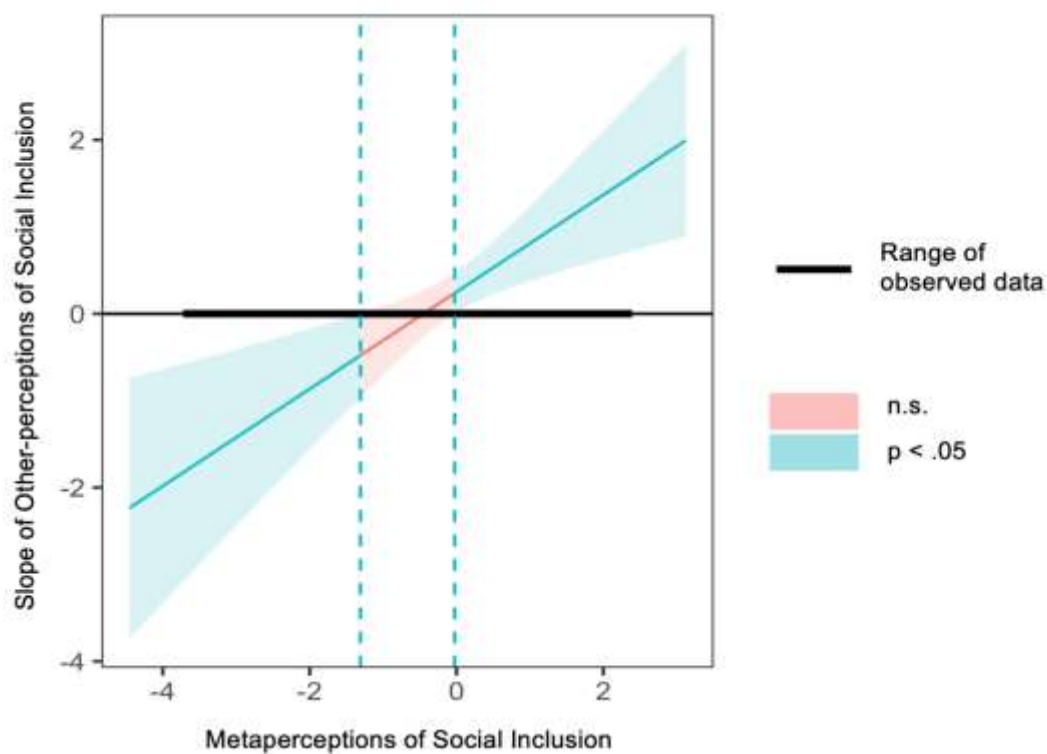
Table S1

Overview of Study Parts, Research Variables, Hypotheses, and Results

| Study Part | Relevant Variables | Preregistered Hypothesis | Results |
|---|---|---|---|
| <i>Study Part A: Laboratory</i> | <i>Metaperceptions and other-perceptions of social inclusion</i> | <i>H1a: Metaperceptions of social inclusion are associated with momentary self-esteem, other-perceptions of social inclusion are not.</i> | <i>Metaperceptions positively relate to momentary self-esteem. Other-perceptions do not relate to momentary self-esteem in any model.¹</i> |
| | | <i>H1b: Metaperceptions of social inclusion moderate the association between other-perceptions and momentary self-esteem.</i> | <i>Metaperceptions moderated the association between other-perceptions and momentary self-esteem in 1 model.²</i> |
| <i>Study Part B: ESM</i> | <i>Self-perceptions and metaperceptions of social inclusion</i> | <i>H2a: Self-perceptions of social inclusion are associated with momentary self-esteem.</i> | <i>Self-perceptions positively relate to momentary self-esteem.</i> |
| | | <i>H2b: Metaperceptions of social inclusion predict momentary self-esteem above and beyond self-perceptions.</i> | <i>Metaperceptions do not relate to momentary self-esteem.¹</i> |
| <i>Study Part B: Subsample analyses</i> | <i>Self-perceptions, metaperceptions, and other-perceptions of social inclusion</i> | <i>see Hypotheses 1 and 2</i> | <i>Full model: Self-perceptions positively relate to momentary self-esteem; further perception types show no associations.</i> |
| | | | <i>Partial model³: Meta-perceptions positively relate to momentary self-esteem, other-perceptions do not.</i> |
| <i>Both Study Parts</i> | <i>Personality traits</i> | <i>Personality traits moderate the associations between interpersonal perceptions of social inclusion and momentary self-esteem.</i> | |
| | | <i>H3a: Neuroticism</i> | <i>Study Part A: N dampens the association between meta- and other-perceptions and momentary self-esteem.</i> |
| | | | <i>Study Part B: No moderating effect.</i> |
| | | <i>H3b: Extraversion</i> | <i>No moderating effects.</i> |
| | | <i>H3c: Agreeableness</i> | <i>Study Part A: No moderating effects.</i> |
| | | | <i>Study Part B: A strengthens association between self-perceptions and momentary self-esteem.</i> |

Note. ¹ The effects did not remain significant after adjusting *p*-values to control for multiple testing. ² The moderation was significant in the model with neuroticism. ³ Partial model without self-perceptions at predictor at the within or between-person level.

Johnson-Neyman Plot Showing the Interaction between Metaperceptions and Other-Perceptions of Social Inclusion on Momentary Self-Esteem in the Model with Neuroticism as



a Predictor at Level 2

Note. Significant moderation effects of metaperceptions on other-perceptions of social inclusion are indicated by the green line, whereas non-significant moderation effects are indicated by a red line. Accordingly, the figure shows that positive metaperceptions above a value of 0 significantly strengthen the association between other-perceptions and momentary self-esteem, while negative metaperceptions below a value of -1.5 weaken this link.

Power Simulations

Power simulations were carried out for two parameters (1) the simple within-person effect of metaperceptions (in Part A) or self-perceptions of social inclusion (in Part B and the subsample analysis), and (2) the simple between-person effect of neuroticism. We assessed power as the relative number of p -values below .05. All simulations were run with the R package “SimrR” (Green & MacLeod, 2016) with 500 iterations. Consistent with previous literature (Cohen, 1988), a power of 80% or more can be considered satisfactory. In our power simulation, we applied a stepwise approach and moved from larger to smaller estimates for each level, stopping when the power fell below the threshold of sufficient power (i.e., < .80).

Table S2

Power Simulations for Study Part A, Study Part B, and the Subsample Analysis

| | Part A | Part B | Subsample Analysis |
|--------------------|-----------------------|-----------------------|-----------------------|
| <i>L1-estimate</i> | | | |
| .40 | 94.60% (93.01, 95.92) | 100.0% (99.26, 100.0) | 100.0% (99.26, 100.0) |
| .35 | 88.00% (84.82, 90.72) | / | / |
| .30 | 76.50% (73.75, 79.10) | / | 99.00% (97.68, 99.67) |
| .20 | / | / | 82.60% (78.99, 85.82) |
| .15 | / | / | 59.80% (55.35, 64.13) |
| .10 | / | 95.80% (93.65, 97.38) | / |
| <i>L2-estimate</i> | | | |
| .45 | 84.60% (81.13, 87.65) | | |
| .40 | 74.20% (70.13, 77.98) | 98.80% (97.41, 99.56) | 91.80% (89.04, 94.05) |
| .35 | 63.00% (58.60, 67.24) | / | 84.00% (80.49, 87.10) |
| .30 | / | 90.60% (87.70, 93.01) | 76.00% (72.01, 79.68) |
| .25 | / | 80.00% (70.82, 87.33) | 56.60% (52.13, 60.99) |
| .20 | / | 53.80% (49.32, 58.24) | / |

Note. Values in brackets indicate 95% confidence interval.

Table S3

| Variable | <i>M</i> | <i>SD</i> | <i>ICC</i> | | | | | | | <i>Intercorrelations among</i> |
|----------------------------------|----------|-----------|------------|-------|-------|-------|-------|-------|-----|--|
| | | | | 1 | 2 | 3 | 4 | 5 | 6 | |
| 1. Momentary Self-Esteem | 6.93 | 2.16 | .54 | | | | | | | <i>Within-Person Variables for the</i> |
| 2. Self-Perception | 8.48 | 1.48 | .32 | .26** | | | | | | |
| 3. Metaperception | 8.09 | 1.54 | .43 | .26** | .75** | | | | | |
| 4. Other-Perception | 8.68 | 1.52 | .16 | .17** | .47** | .48** | | | | |
| 5. Level of Acquaintance | 8.75 | 1.53 | .22 | .13** | .12** | .23** | .07 | | | |
| 6. Day of ESM | 2.61 | 2.11 | .04 | – .01 | .10* | .09* | .06 | – .02 | | |
| 7. Gender of Interaction Partner | 0.34 | 0.47 | .22 | .01 | – .05 | – .05 | – .03 | – .04 | .05 | |

Subsample-Analysis in Study Part B

Note. $N = 628$ observations nested in 178 individuals. *M* and *SD* represent mean and standard deviation. Gender of interaction partner was coded 0 for same-sex and 1 for other-sex regarding the gender of the participant. * indicates $p < .05$, ** indicates $p < .01$.

Table S4

Intercorrelations among Between-Person Variables for the Subsample-Analysis in Study Part B

| Variable | <i>M</i> | <i>SD</i> | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
|--------------------------|----------|-----------|---------|---------|-------|-------|-------|-------|-------|--------|
| 1. Momentary Self-Esteem | 6.92 | 1.83 | | | | | | | | |
| 2. Neuroticism | 3.88 | 1.09 | – .47** | | | | | | | |
| 3. Extraversion | 4.77 | 0.95 | .27** | – .26** | | | | | | |
| 4. Agreeableness | 5.13 | 0.78 | .17** | – .27** | .20** | | | | | |
| 5. Self-Perception | 8.47 | 1.25 | .27** | – .13 | .14 | .32** | | | | |
| 6. Metaperception | 8.14 | 1.37 | .28** | – .18* | .17* | .33** | .82** | | | |
| 7. Other-Perception | 8.70 | 1.14 | .23** | – .12 | .07 | .32** | .62** | .66** | | |
| 8. Age | 17.62 | 0.93 | – .02 | – .07 | – .02 | – .07 | – .03 | – .07 | .00 | |
| 9. Gender | 0.78 | 0.41 | – .12 | .35** | – .05 | .10 | .05 | .00 | – .01 | – .16* |

Note. *N* = 178 individuals. *M* and *SD* represent mean and standard deviation. Situational variables (momentary self-esteem, self-, meta-, and other-perceptions of social inclusion) were averaged across rating rounds and individuals. Gender was coded 0 for males and 1 for females. * indicates $p < .05$, ** indicates $p < .01$.

Table S5

Multilevel Models explaining Momentary Self-Esteem as a Function of Meta, and Other-Perceptions of Social Inclusion, Personality Traits, and Covariates for the Subsample-Analysis in Study Part B

| | Basic Model | | | Neuroticism | | | Extraversion | | | Agreeableness | | |
|--|-------------|-----------|-------------|-------------|-----------|-------------|--------------|-----------|-------------|---------------|-----------|-------------|
| | Model 1 | | | Model 2a | | | Model 2b | | | Model 2c | | |
| | <i>Est.</i> | <i>SE</i> | <i>p</i> | <i>Est.</i> | <i>SE</i> | <i>p</i> | <i>Est.</i> | <i>SE</i> | <i>p</i> | <i>Est.</i> | <i>SE</i> | <i>p</i> |
| Fixed Effects | | | | | | | | | | | | |
| Intercept, γ_{00} | 7.25 | 0.29 | < .001 | 6.74 | 0.27 | < .001 | 7.22 | 0.29 | < .001 | 7.31 | 0.29 | < .001 |
| <i>Within-person effects</i> | | | | | | | | | | | | |
| Metaperception, γ_{10} | 0.21 | 0.06 | .001 | 0.22 | 0.06 | < .001 | 0.20 | 0.06 | .001 | 0.22 | 0.06 | < .001 |
| Other-Perception, γ_{20} | 0.04 | 0.05 | .469 | 0.02 | 0.05 | .721 | 0.04 | 0.05 | .401 | 0.05 | 0.05 | .344 |
| Meta x Other-Perception, γ_{30} | 0.01 | 0.05 | .833 | − 0.01 | 0.05 | .912 | 0.02 | 0.05 | .743 | 0.02 | 0.05 | .670 |
| Level of Acquaintance, γ_{40} | − 0.01 | 0.05 | .871 | 0.00 | 0.05 | .996 | − 0.01 | 0.05 | .896 | 0.01 | 0.05 | .813 |
| Day of ESM, γ_{50} | − 0.02 | 0.03 | .565 | − 0.02 | 0.03 | .512 | − 0.02 | 0.03 | .555 | − 0.02 | 0.03 | .448 |
| Gender of Interaction Partner, γ_{60} | 0.25 | 0.15 | .092 | 0.26 | 0.15 | .074 | 0.24 | 0.15 | .101 | 0.26 | 0.15 | .080 |
| <i>Between-person effects</i> | | | | | | | | | | | | |
| Metaperception, γ_{01} | 0.34 | 0.13 | .010 | 0.23 | 0.12 | .055 | 0.27 | 0.13 | .038 | 0.30 | 0.13 | .021 |
| Other-perception, γ_{02} | 0.13 | 0.16 | .400 | 0.12 | 0.14 | .380 | 0.15 | 0.15 | .316 | 0.10 | 0.16 | .523 |
| Gender, γ_{03} | − 0.54 | 0.32 | .095 | 0.18 | 0.31 | .566 | − 0.50 | 0.31 | .108 | − 0.60 | 0.32 | .060 |
| Personality, γ_{04} | | | | − 0.76 | 0.12 | < .001 | 0.43 | 0.14 | .002 | 0.24 | 0.18 | .188 |
| <i>Cross-level interactions</i> | | | | | | | | | | | | |
| Personality x Metaperception, γ_{11} | | | | − 0.03 | 0.05 | .587 | 0.00 | 0.07 | .999 | 0.19 | 0.07 | .188 |
| Personality x Other-Perception, γ_{21} | | | | 0.06 | 0.05 | .270 | − 0.06 | 0.05 | .254 | − 0.07 | 0.06 | .240 |
| Personality x Meta x Other-Perception, γ_{31} | | | | − 0.01 | 0.04 | .743 | 0.01 | 0.06 | .846 | 0.16 | 0.06 | .008 |
| Random Effects | | | | | | | | | | | | |
| Variance Intercept, $\sigma_{u_0}^2$ | | | 2.16 | | | 1.56 | | | 2.01 | | | 2.09 |
| Residual Variance, σ_e^2 | | | 2.02 | | | 2.02 | | | 2.02 | | | 1.98 |
| ICC | | | 0.52 | | | 0.44 | | | 0.50 | | | 0.51 |
| AIC | | | 2498.18 | | | 2465.22 | | | 2494.76 | | | 2489.44 |
| R_w^2 / R_b^2 | | | 0.09 / 0.11 | | | 0.22 / 0.31 | | | 0.12 / 0.16 | | | 0.12 / 0.14 |

Note. $N = 178$ individuals.
 R_w^2 indicates modeled variance.
 p indicates significance level of parameter.

Table S6

Unstandardized Regression Effects of Meta and Other-Perceptions and Personality on Momentary Self-Esteem in Study Part A, Including

| | | | | | | | | | | | | | |
|--|--------------------|----------|-------------|--------------------|----------|-------------|---------------------|----------|-------------|----------------------|----------|-------------|-------------|
| | | | | | | | | | | | | | Unadjusted |
| | Basic Model | | | Neuroticism | | | Extraversion | | | Agreeableness | | | and |
| | Model 1 | | | Model 2a | | | Model 2b | | | Model 2c | | | adjusted |
| | <i>Est.</i> | <i>p</i> | BH | <i>Est.</i> | <i>p</i> | BH | <i>Est.</i> | <i>p</i> | BH | <i>Est.</i> | <i>p</i> | BH | and |
| Fixed Effects | | | | | | | | | | | | | Adjusted |
| <i>Within-person effects</i> | | | | | | | | | | | | | <i>d p-</i> |
| Metaperception, γ_{10} | 0.34 | .002 | .010 | 0.34 | .002 | .010 | 0.35 | .003 | .010 | 0.35 | .003 | .010 | Values |
| Other-Perception, γ_{20} | 0.23 | .065 | .120 | 0.25 | .039 | .078 | 0.26 | .036 | .077 | 0.22 | .072 | .122 | |
| Meta x Other-Perception, γ_{30} | 0.28 | .057 | .109 | 0.56 | .001 | .007 | 0.32 | .034 | .077 | 0.28 | .079 | .126 | |
| <i>Between-person effects</i> | | | | | | | | | | | | | |
| Metaperception, γ_{01} | 0.77 | < .001 | < .001 | 0.48 | < .001 | .004 | 0.63 | < .001 | < .001 | 0.68 | < .001 | < .001 | |
| Other-perception, γ_{02} | 0.15 | .265 | .356 | 0.16 | .187 | .275 | 0.06 | .661 | .756 | 0.17 | .212 | .298 | |
| Personality, γ_{04} | | | | -0.70 | < .001 | < .001 | 0.37 | .026 | .072 | 0.47 | .034 | .077 | |
| <i>Cross-level interactions</i> | | | | | | | | | | | | | |
| Personality x Metaperception, γ_{11} | | | | -0.04 | .705 | .611 | -0.11 | .321 | .412 | 0.01 | .961 | .961 | |
| Personality x Other-Perception, γ_{21} | | | | 0.08 | .509 | .778 | 0.07 | .515 | .611 | -0.02 | .916 | .946 | |
| Personality x Meta x Other-Perception, γ_{31} | | | | -0.35 | .015 | .042 | -0.26 | .113 | .172 | 0.04 | .877 | .935 | |
| Random Effects | | | | | | | | | | | | | |
| Variance Intercept, $\sigma_{u_0}^2$ | | | 1.57 | | | 1.13 | | | 1.41 | | | 1.46 | |
| Residual Variance, σ_e^2 | | | 1.99 | | | 1.91 | | | 1.95 | | | 1.99 | |
| ICC | | | 0.44 | | | 0.37 | | | 0.42 | | | 0.42 | |
| AIC | | | 1208.27 | | | 1185.31 | | | 1205.45 | | | 1211.44 | |
| R_w^2 / R_b^2 | | | 0.22 / 0.29 | | | 0.33 / 0.44 | | | 0.26 / 0.34 | | | 0.25 / 0.32 | |

Note. $N = 101$ individuals providing 303 observations. R_w^2 indicates modeled variance at the within-person level, R_b^2 indicates modeled variance at the between-person level. p = unadjusted p -value, BH = adjusted p -value after Benjamini & Hochberg (FDR).

Table S7

Unstandardized Regression Effects of Meta and Other-Perceptions and Personality on Momentary Self-Esteem in Study Part B, Including

| | | | | | | | | | | | | | Unadju |
|--|------|--------|--------|-------------|--------|--------|--------------|--------|--------|---------------|--------|--------|--------|
| | | | | | | | | | | | | | sted |
| Basic Model | | | | Neuroticism | | | Extraversion | | | Agreeableness | | | |
| Model 1 | | | | Model 2a | | | Model 2b | | | Model 2c | | | and |
| | Est. | p | BH | Est. | p | BH | Est. | p | BH | Est. | p | BH | |
| Fixed Effects | | | | | | | | | | | | | |
| Within-person effects | | | | | | | | | | | | | |
| Self-perception, γ_{10} | 0.24 | < .001 | < .001 | 0.25 | < .001 | < .001 | 0.25 | < .001 | < .001 | 0.26 | < .001 | < .001 | |
| Metaperception, γ_{20} | 0.06 | .041 | .085 | 0.06 | .038 | .085 | 0.06 | .038 | .085 | 0.05 | .079 | .124 | d p- |
| Between-person effects | | | | | | | | | | | | | |
| Self-perception, γ_{01} | 0.21 | .352 | .489 | 0.15 | .458 | .546 | 0.18 | .404 | .518 | 0.19 | .414 | .518 | Values |
| Metaperception, γ_{02} | 0.48 | .028 | .085 | 0.35 | .073 | .123 | 0.41 | .056 | .110 | 0.46 | .035 | .085 | |
| Personality, γ_{04} | | | | − 0.76 | < .001 | < .001 | 0.40 | < .001 | .001 | 0.16 | .265 | .391 | |
| Cross-level interactions | | | | | | | | | | | | | |
| Personality x Self-perception, γ_{11} | | | | − 0.01 | .804 | .809 | − 0.02 | .487 | .553 | 0.08 | .005 | .016 | |
| Personality x Metaperception, γ_{21} | | | | − 0.01 | .809 | .809 | 0.06 | .064 | .114 | − 0.02 | .514 | .559 | |
| Random Effects | | | | | | | | | | | | | |
| Variance Intercept, $\sigma_{u_0}^2$ | | | 2.03 | | | 1.50 | | | 1.89 | | | 2.01 | |
| Residual Variance, σ_e^2 | | | 2.34 | | | 2.34 | | | 2.34 | | | 2.33 | |

| | | | | |
|-----------------|-------------|-------------|-------------|-------------|
| ICC | 0.46 | 0.39 | 0.45 | 0.46 |
| AIC | 11338.63 | 11286.43 | 11326.64 | 11331.54 |
| R_w^2 / R_b^2 | 0.16 / 0.22 | 0.26 / 0.40 | 0.19 / 0.27 | 0.16 / 0.22 |

Note. $N = 218$ individuals providing 2,928 observations. R_w^2 indicates modeled variance at the within-person level, R_b^2 indicates modeled variance at the between-person level. p = unadjusted p -value, BH = adjusted p -value after Benjamini & Hochberg (FDR).

| | Basic Model | | | Neuroticism | | | Extraversion | | | Agreeableness | | |
|--|-------------|----------|----|-------------|----------|----|--------------|----------|----|---------------|----------|----|
| | Model 1 | | | Model 2a | | | Model 2b | | | Model 2c | | |
| | <i>Est.</i> | <i>p</i> | BH | <i>Est.</i> | <i>p</i> | BH | <i>Est.</i> | <i>p</i> | BH | <i>Est.</i> | <i>p</i> | BH |

Fixed Effects

Within-person effects

| | | | | | | | | | | | | | |
|---|------|--------|-------------|--------|--------|-------------|--------|--------|-------------|--------|--------|-------------|---------------------------|
| Self-perception, γ_{10} | 0.34 | < .001 | < .001 | 0.34 | < .001 | < .001 | 0.33 | < .001 | < .001 | 0.26 | < .001 | < .001 | Table S8 |
| Metaperception, γ_{20} | 0.01 | .909 | .978 | 0.01 | .897 | .978 | 0.00 | .952 | .989 | 0.05 | .079 | .870 | |
| Other-Perception, γ_{30} | 0.00 | .972 | .989 | −0.01 | .833 | .968 | 0.01 | .875 | .976 | 0.01 | .788 | .968 | |
| Meta x Other-Perception, γ_{40} | 0.03 | .578 | .870 | 0.01 | .785 | .968 | 0.03 | .480 | .870 | 0.04 | .443 | .870 | |
| <i>Between-person effects</i> | | | | | | | | | | | | | |
| Self-perception, γ_{01} | 0.10 | .626 | .870 | 0.09 | .611 | .870 | 0.09 | .637 | .870 | 0.19 | .414 | .870 | <i>Unstan dardize</i> |
| Metaperception, γ_{02} | 0.27 | .144 | .566 | 0.16 | .331 | .870 | 0.21 | .260 | .747 | 0.46 | .198 | .610 | |
| Other-perception, γ_{03} | 0.12 | .448 | .870 | 0.11 | .424 | .870 | 0.14 | .355 | .870 | 0.09 | .571 | .870 | |
| Personality, γ_{04} | | | | − 0.76 | < .001 | < .001 | 0.43 | .002 | .015 | 0.16 | .265 | .610 | |
| <i>Cross-level interactions</i> | | | | | | | | | | | | | |
| Personality x Self-perception, γ_{11} | | | | 0.11 | .079 | .377 | 0.05 | .509 | .870 | − 0.04 | .667 | .870 | <i>d Regres</i> |
| Personality x Metaperception, γ_{21} | | | | − 0.09 | .134 | .566 | − 0.02 | .827 | .968 | 0.18 | .031 | .167 | |
| Personality x Other-Perception, γ_{31} | | | | 0.04 | .502 | .870 | − 0.07 | .162 | .579 | − 0.05 | .420 | .870 | |
| Personality x Meta x Other-Perception, γ_4 | | | | − 0.00 | .989 | .989 | 0.03 | .635 | .870 | 0.14 | .013 | .079 | |
| Random Effects | | | | | | | | | | | | | |
| Variance Intercept, $\sigma_{u_0}^2$ | | | 2.20 | | | 1.60 | | | 2.05 | | | 2.12 | <i>sion Effects</i> |
| Residual Variance, σ_e^2 | | | 1.93 | | | 1.91 | | | 1.91 | | | 1.98 | |
| ICC | | | 0.53 | | | 0.46 | | | 0.52 | | | 0.53 | |
| AIC | | | 2479.57 | | | 2445.07 | | | 2477.03 | | | 2559.70 | |
| R_w^2 / R_b^2 | | | 0.10 / 0.11 | | | 0.23 / 0.31 | | | 0.14 / 0.16 | | | 0.13 / 0.14 | <i>of</i> |

Meta and Other-Perceptions and Personality on Momentary Self-Esteem in Study Part B Subsample Analysis, Including Unadjusted and Adjusted

p-Values

Note. $N = 178$ individuals providing 628 observations. R_w^2 indicates modeled variance at the within-person level, R_b^2 indicates modeled variance at the between-person level. p = unadjusted p -value, BH = adjusted p -value after Benjamini & Hochberg (FDR).

Table S9

Unstandardized Regression Effects of Meta and Other-Perceptions and Personality on Momentary Self-Esteem in Study Part B Subsample Analysis,

| | | | | | | | | | | | | Includi | |
|---|------|------|-------------|--------|--------|--------------|--------|------|---------------|--------|--------|-------------|--------|
| | | | | | | | | | | | | ng | |
| Basic Model | | | Neuroticism | | | Extraversion | | | Agreeableness | | | | |
| Model 1 | | | Model 2a | | | Model 2b | | | Model 2c | | | | |
| Est. | p | BH | Est. | p | BH | Est. | p | BH | Est. | p | BH | Unadju | |
| Fixed Effects | | | | | | | | | | | | | |
| Within-person effects | | | | | | | | | | | | sted | |
| Metaperception, γ_{20} | 0.21 | .001 | .007 | 0.22 | < .001 | .005 | 0.20 | .001 | .009 | 0.22 | < .001 | .005 | |
| Other-Perception, γ_{30} | 0.04 | .469 | .682 | 0.02 | .721 | .849 | 0.04 | .401 | .611 | 0.05 | .344 | .611 | and |
| Meta x Other-Perception, γ_{40} | 0.01 | .833 | .902 | − 0.01 | .912 | .941 | 0.02 | .743 | .849 | 0.02 | .670 | .849 | |
| Between-person effects | | | | | | | | | | | | Adjuste | |
| Metaperception, γ_{02} | 0.34 | .010 | .036 | 0.23 | .055 | .149 | 0.27 | .038 | .113 | 0.30 | .021 | .032 | |
| Other-perception, γ_{03} | 0.13 | .400 | .611 | 0.12 | .380 | .611 | 0.15 | .316 | .595 | 0.10 | .523 | .729 | |
| Personality, γ_{04} | | | | − 0.76 | < .001 | < .001 | 0.43 | .002 | .010 | 0.24 | .188 | .467 | d p- |
| Cross-level interactions | | | | | | | | | | | | | |
| Personality x Metaperception, γ_{21} | | | | − 0.03 | .587 | .783 | 0.00 | .999 | .999 | 0.19 | .008 | .032 | Values |
| Personality x Other-Perception, γ_{31} | | | | 0.06 | .270 | .540 | − 0.06 | .254 | .540 | − 0.07 | .240 | .540 | |
| Personality x Meta x Other-Perception, γ_4 | | | | − 0.01 | .743 | .849 | 0.01 | .846 | .902 | 0.16 | .008 | .032 | |
| Random Effects | | | | | | | | | | | | | |
| Variance Intercept, $\sigma_{u_0}^2$ | | | 2.16 | | | 1.56 | | | 2.01 | | | 2.09 | |
| Residual Variance, σ_e^2 | | | 2.02 | | | 2.02 | | | 2.02 | | | 1.98 | |
| ICC | | | 0.52 | | | 0.44 | | | 0.50 | | | 0.51 | |
| AIC | | | 2498.18 | | | 2465.22 | | | 2494.76 | | | 2489.44 | |
| R_w^2 / R_b^2 | | | 0.09 / 0.11 | | | 0.22 / 0.31 | | | 0.12 / 0.16 | | | 0.12 / 0.14 | |

Note. $N = 178$ individuals providing 628 observations. R_w^2 indicates modeled variance at the within-person level, R_b^2 indicates modeled variance at the between-person level. p = unadjusted p -value, BH = adjusted p -value after Benjamini & Hochberg (FDR).