Appendix A

*Main Codes and Input Vales for Studies in the Meta-Analysis*

| Group | Study | Type of Publication | Sample | Narcissism Measure | Type of Self-Enhancement Measure  (Objective vs. Observer) | Type of Self-Enhancement Measure  (Residual vs. Difference Score) | Length of Relationship | Self-Enhancement Construct | Agency/  Communion/Neither | *N* | *r* | *ρ* |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 1 | Ames & Kammrath (2004)  Sample 1 | Published | Students | NPI | Objective | Difference | . | Interpersonal perception | Neither | 138 | .13 | .16 |
| 1 | Ames & Kammrath (2004)  Sample 2 | Published | Students | NPI | Observer | Difference | Close observer | Interpersonal perception | Neither | 134 | .05 | .06 |
| 1 | Ames & Kammrath (2004)  Sample 2 | Published | Students | NPI | Observer | Difference | Close observer | Interpersonal perception | Neither | 134 | .08 | .10 |
| 2 | Brown (2010) | Unpublished | Students | NPI | Objective | Difference | . | Interpersonal perception | Neither | 47 | .30 | .33 |
| 3 | Campbell, Goodie, & Foster (2004)  Sample 1 | Published | Students | NPI | Objective | Difference | . | Intelligence | Agency | 104 | .28 | .31 |
| 4 | Campbell, Goodie, & Foster (2004)  Sample 2 | Published | Students | NPI | Objective | Difference | . | Intelligence | Agency | 97 | .30 | .33 |
| 5 | Campbell, Goodie, & Foster (2004)  Sample 3 | Published | Students | NPI | Objective | Difference | . | Intelligence | Agency | 607 | .10 | .11 |
| 6 | Carlson, Naumann, & Vazire (2011) | Published | Students | NPI | Observer | Residual | Acquaintance | Attractive | Agency | 82 | .01 | .01 |
| 6 | Carlson, Naumann, & Vazire (2011) | Published | Students | NPI | Observer | Residual | Close observer | Attractive | Agency | 82 | .26 | .31 |
| 6 | Carlson, Naumann, & Vazire (2011) | Published | Students | NPI | Observer | Residual | Acquaintance | Surgency | Agency | 82 | .33 | .39 |
| 6 | Carlson, Naumann, & Vazire (2011) | Published | Students | NPI | Observer | Residual | Acquaintance | Surgency | Agency | 82 | .41 | .49 |
| 6 | Carlson, Naumann, & Vazire (2011) | Published | Students | NPI | Observer | Residual | Acquaintance | Agreeable | Communion | 82 | .02 | .02 |
| 6 | Carlson, Naumann, & Vazire (2011) | Published | Students | NPI | Observer | Residual | Acquaintance | Agreeable | Communion | 82 | .02 | .02 |
| 6 | Carlson, Naumann, & Vazire (2011) | Published | Students | NPI | Observer | Residual | Close observer | Agreeable | Communion | 82 | .08 | .10 |
|  |  |  |  |  |  |  |  |  |  |  |  |  |
| 6 | Carlson, Naumann, & Vazire (2011) | Published | Students | NPI | Observer | Residual | Acquaintance | Intelligence | Agency | 82 | .24 | .29 |
| 6 | Carlson, Naumann, & Vazire (2011) | Published | Students | NPI | Observer | Residual | Acquaintance | Intelligence | Agency | 82 | .21 | .25 |
| 6 | Carlson, Naumann, & Vazire (2011) | Published | Students | NPI | Observer | Residual | Close observer | Intelligence | Agency | 82 | .24 | .29 |
| 6 | Carlson, Naumann, & Vazire (2011) | Published | Students | NPI | Observer | Residual | Acquaintance | Well-being | Neither | 82 | .23 | .27 |
| 6 | Carlson, Naumann, & Vazire (2011) | Published | Students | NPI | Observer | Residual | Close observer | Well-being | Neither | 82 | .26 | .31 |
| 6 | Carlson, Naumann, & Vazire (2011) | Published | Students | NPI | Observer | Residual | Acquaintance | Likeable | Neither | 82 | .21 | .25 |
| 6 | Carlson, Naumann, & Vazire (2011) | Published | Students | NPI | Observer | Residual | Close observer | Likeable | Neither | 82 | .21 | .25 |
| 6 | Carlson, Naumann, & Vazire (2011) | Published | Students | NPI | Observer | Residual | Acquaintance | Reliable | Communion | 82 | .00 | .00 |
| 6 | Carlson, Naumann, & Vazire (2011) | Published | Students | NPI | Observer | Residual | Acquaintance | Reliable | Communion | 82 | .01 | .01 |
| 6 | Carlson, Naumann, & Vazire (2011) | Published | Students | NPI | Observer | Residual | Close observer | Reliable | Communion | 82 | .02 | .02 |
| 7 | Carlson, Vazire, & Oltmanns (2011)  Study 1 | Published | Students | NPI | Observer | Residual | Acquaintance | Attractiveness | Agency | 201 | .33 | .41 |
| 7 | Carlson, Vazire, & Oltmanns (2011)  Study 1 | Published | Students | NPI | Observer | Residual | Close observer | Attractiveness | Agency | 201 | .41 | .51 |
| 7 | Carlson, Vazire, & Oltmanns (2011)  Study 1 | Published | Students | NPI | Observer | Residual | Acquaintance | Openness | Agency | 201 | .22 | .28 |
| 7 | Carlson, Vazire, & Oltmanns (2011)  Study 1 | Published | Students | NPI | Observer | Residual | Close observer | Openness | Agency | 201 | .19 | .24 |
| 7 | Carlson, Vazire, & Oltmanns (2011)  Study 1 | Published | Students | NPI | Observer | Residual | Acquaintance | Conscientiousness | Communion | 201 | .20 | .25 |
| 7 | Carlson, Vazire, & Oltmanns (2011)  Study 1 | Published | Students | NPI | Observer | Residual | Close observer | Conscientiousness | Communion | 201 | .21 | .26 |
|  |  |  |  |  |  |  |  |  |  |  |  |  |
| 7 | Carlson, Vazire, & Oltmanns (2011)  Study 1 | Published | Students | NPI | Observer | Residual | Acquaintance | Extraversion | Agency | 201 | .35 | .44 |
| 7 | Carlson, Vazire, & Oltmanns (2011)  Study 1 | Published | Students | NPI | Observer | Residual | Close observer | Extraversion | Agency | 201 | .34 | .43 |
| 7 | Carlson, Vazire, & Oltmanns (2011)  Study 1 | Published | Students | NPI | Observer | Residual | Acquaintance | Agreeable | Communion | 201 | -.19 | -.24 |
| 7 | Carlson, Vazire, & Oltmanns (2011)  Study 1 | Published | Students | NPI | Observer | Residual | Close observer | Agreeable | Communion | 201 | -.18 | -.23 |
| 7 | Carlson, Vazire, & Oltmanns (2011)  Study 1 | Published | Students | NPI | Observer | Residual | Acquaintance | Emotional stability | Neither | 201 | .22 | .28 |
| 7 | Carlson, Vazire, & Oltmanns (2011)  Study 1 | Published | Students | NPI | Observer | Residual | Close observer | Emotional stability | Neither | 201 | .14 | .18 |
| 7 | Carlson, Vazire, & Oltmanns (2011)  Study 1 | Published | Students | NPI | Observer | Residual | Acquaintance | Intelligence | Agency | 201 | .27 | .34 |
| 7 | Carlson, Vazire, & Oltmanns (2011)  Study 1 | Published | Students | NPI | Observer | Residual | Close observer | Intelligence | Agency | 201 | .31 | .39 |
| 7 | Carlson, Vazire, & Oltmanns (2011)  Study 1 | Published | Students | NPI | Observer | Residual | Acquaintance | Well-being | Neither | 201 | .24 | .30 |
| 7 | Carlson, Vazire, & Oltmanns (2011)  Study 1 | Published | Students | NPI | Observer | Residual | Close observer | Well-being | Neither | 201 | .20 | .25 |
| 7 | Carlson, Vazire, & Oltmanns (2011)  Study 1 | Published | Students | NPI | Observer | Residual | Acquaintance | Honest | Communion | 201 | .08 | .10 |
| 7 | Carlson, Vazire, & Oltmanns (2011)  Study 1 | Published | Students | NPI | Observer | Residual | Close observer | Honest | Communion | 201 | .09 | .11 |
| 7 | Carlson, Vazire, & Oltmanns (2011)  Study 1 | Published | Students | NPI | Observer | Residual | Acquaintance | Likeable | Neither | 201 | .24 | .30 |
|  |  |  |  |  |  |  |  |  |  |  |  |  |
| 7 | Carlson, Vazire, & Oltmanns (2011)  Study 1 | Published | Students | NPI | Observer | Residual | Close observer | Likeable | Neither | 201 | .32 | .40 |
| 7 | Carlson, Vazire, & Oltmanns (2011)  Study 1 | Published | Students | NPI | Observer | Residual | Acquaintance | Funny | Neither | 201 | .31 | .39 |
| 7 | Carlson, Vazire, & Oltmanns (2011)  Study 1 | Published | Students | NPI | Observer | Residual | Close observer | Funny | Neither | 201 | .28 | .35 |
| 7 | Carlson, Vazire, & Oltmanns (2011)  Study 1 | Published | Students | NPI | Observer | Residual | Acquaintance | Impulsive | Agency | 201 | .08 | .10 |
| 7 | Carlson, Vazire, & Oltmanns (2011)  Study 1 | Published | Students | NPI | Observer | Residual | Close observer | Impulsive | Agency | 201 | .11 | .14 |
| 7 | Carlson, Vazire, & Oltmanns (2011)  Study 1 | Published | Students | NPI | Observer | Residual | Acquaintance | Exaggerates abilities | Agency | 201 | .15 | .19 |
| 7 | Carlson, Vazire, & Oltmanns (2011)  Study 1 | Published | Students | NPI | Observer | Residual | Close observer | Exaggerates abilities | Agency | 201 | .18 | .23 |
| 7 | Carlson, Vazire, & Oltmanns (2011)  Study 1 | Published | Students | NPI | Observer | Residual | Acquaintance | Arrogant | Agency | 201 | .32 | .40 |
| 7 | Carlson, Vazire, & Oltmanns (2011)  Study 1 | Published | Students | NPI | Observer | Residual | Close observer | Arrogant | Agency | 201 | .21 | .26 |
| 7 | Carlson, Vazire, & Oltmanns (2011)  Study 1 | Published | Students | NPI | Observer | Residual | Acquaintance | Power oriented | Agency | 201 | .37 | .46 |
| 7 | Carlson, Vazire, & Oltmanns (2011)  Study 1 | Published | Students | NPI | Observer | Residual | Close observer | Power oriented | Agency | 201 | .34 | .43 |
| 8 | Carlson, Vazire, & Oltmanns (2011)  Study 2 | Published | Students | NPI | Observer | Residual | Acquaintance | Attractiveness | Agency | 72 | .55 | .60 |
| 8 | Carlson, Vazire, & Oltmanns (2011)  Study 2 | Published | Students | NPI | Observer | Residual | Close observer | Attractiveness | Agency | 72 | .52 | .57 |
|  |  |  |  |  |  |  |  |  |  |  |  |  |
| 8 | Carlson, Vazire, & Oltmanns (2011)  Study 2 | Published | Students | NPI | Observer | Residual | Acquaintance | Openness | Agency | 72 | .31 | .34 |
| 8 | Carlson, Vazire, & Oltmanns (2011)  Study 2 | Published | Students | NPI | Observer | Residual | Acquaintance | Openness | Agency | 72 | .30 | .33 |
| 8 | Carlson, Vazire, & Oltmanns (2011)  Study 2 | Published | Students | NPI | Observer | Residual | Close observer | Openness | Agency | 72 | .21 | .23 |
| 8 | Carlson, Vazire, & Oltmanns (2011)  Study 2 | Published | Students | NPI | Observer | Residual | Close observer | Openness | Agency | 72 | .35 | .38 |
| 8 | Carlson, Vazire, & Oltmanns (2011)  Study 2 | Published | Students | NPI | Observer | Residual | Acquaintance | Conscientiousness | Communion | 72 | .08 | .09 |
| 8 | Carlson, Vazire, & Oltmanns (2011)  Study 2 | Published | Students | NPI | Observer | Residual | Acquaintance | Conscientiousness | Communion | 72 | .04 | .04 |
| 8 | Carlson, Vazire, & Oltmanns (2011)  Study 2 | Published | Students | NPI | Observer | Residual | Close observer | Conscientiousness | Communion | 72 | .03 | .03 |
| 8 | Carlson, Vazire, & Oltmanns (2011)  Study 2 | Published | Students | NPI | Observer | Residual | Close observer | Conscientiousness | Communion | 72 | -.08 | -.09 |
| 8 | Carlson, Vazire, & Oltmanns (2011)  Study 2 | Published | Students | NPI | Observer | Residual | Acquaintance | Extraverted | Agency | 72 | .27 | .30 |
| 8 | Carlson, Vazire, & Oltmanns (2011)  Study 2 | Published | Students | NPI | Observer | Residual | Acquaintance | Extraverted | Agency | 72 | .16 | .18 |
| 8 | Carlson, Vazire, & Oltmanns (2011)  Study 2 | Published | Students | NPI | Observer | Residual | Close observer | Extraverted | Agency | 72 | .25 | .27 |
| 8 | Carlson, Vazire, & Oltmanns (2011)  Study 2 | Published | Students | NPI | Observer | Residual | Close observer | Extraverted | Agency | 72 | .32 | .35 |
| 8 | Carlson, Vazire, & Oltmanns (2011)  Study 2 | Published | Students | NPI | Observer | Residual | Acquaintance | Agreeable | Communion | 72 | -.13 | -.14 |
|  |  |  |  |  |  |  |  |  |  |  |  |  |
| 8 | Carlson, Vazire, & Oltmanns (2011)  Study 2 | Published | Students | NPI | Observer | Residual | Acquaintance | Agreeable | Communion | 72 | -.04 | -.04 |
| 8 | Carlson, Vazire, & Oltmanns (2011)  Study 2 | Published | Students | NPI | Observer | Residual | Close observer | Agreeable | Communion | 72 | -.11 | -.12 |
| 8 | Carlson, Vazire, & Oltmanns (2011)  Study 2 | Published | Students | NPI | Observer | Residual | Close observer | Agreeable | Communion | 72 | .11 | .12 |
| 8 | Carlson, Vazire, & Oltmanns (2011)  Study 2 | Published | Students | NPI | Observer | Residual | Acquaintance | Emotionally stable | Neither | 72 | .06 | .07 |
| 8 | Carlson, Vazire, & Oltmanns (2011)  Study 2 | Published | Students | NPI | Observer | Residual | Acquaintance | Emotionally stable | Neither | 72 | -.03 | -.03 |
| 8 | Carlson, Vazire, & Oltmanns (2011)  Study 2 | Published | Students | NPI | Observer | Residual | Close observer | Emotionally stable | Neither | 72 | .15 | .16 |
| 8 | Carlson, Vazire, & Oltmanns (2011)  Study 2 | Published | Students | NPI | Observer | Residual | Close observer | Emotionally stable | Neither | 72 | .11 | .12 |
| 8 | Carlson, Vazire, & Oltmanns (2011)  Study 2 | Published | Students | NPI | Observer | Residual | Acquaintance | Intelligence | Agency | 72 | .29 | .32 |
| 8 | Carlson, Vazire, & Oltmanns (2011)  Study 2 | Published | Students | NPI | Observer | Residual | Close observer | Intelligence | Agency | 72 | .10 | .11 |
| 8 | Carlson, Vazire, & Oltmanns (2011)  Study 2 | Published | Students | NPI | Observer | Residual | Acquaintance | Likeable | Neither | 72 | .35 | .38 |
| 8 | Carlson, Vazire, & Oltmanns (2011)  Study 2 | Published | Students | NPI | Observer | Residual | Close observer | Likeable | Neither | 72 | .28 | .31 |
| 8 | Carlson, Vazire, & Oltmanns (2011)  Study 2 | Published | Students | NPI | Observer | Residual | Acquaintance | Funny | Neither | 72 | .14 | .15 |
| 8 | Carlson, Vazire, & Oltmanns (2011)  Study 2 | Published | Students | NPI | Observer | Residual | Close observer | Funny | Neither | 72 | .14 | .15 |
|  |  |  |  |  |  |  |  |  |  |  |  |  |
| 8 | Carlson, Vazire, & Oltmanns (2011)  Study 2 | Published | Students | NPI | Observer | Residual | Acquaintance | Exaggerates abilities | Agency | 72 | .25 | .27 |
| 8 | Carlson, Vazire, & Oltmanns (2011)  Study 2 | Published | Students | NPI | Observer | Residual | Close observer | Exaggerates abilities | Agency | 72 | .34 | .37 |
| 8 | Carlson, Vazire, & Oltmanns (2011)  Study 2 | Published | Students | NPI | Observer | Residual | Acquaintance | Arrogant | Agency | 72 | .36 | .40 |
| 8 | Carlson, Vazire, & Oltmanns (2011)  Study 2 | Published | Students | NPI | Observer | Residual | Close observer | Arrogant | Agency | 72 | .38 | .42 |
| 9 | Dattner (1999) | Unpublished | Students | NPI | Observer | Difference | Close observer | Fairness-consistency | Communion | 91 | -.13 | -.15 |
| 9 | Dattner (1999) | Unpublished | Students | CPI | Observer | Difference | Close observer | Fairness-consistency | Communion | 91 | .26 | .31 |
| 9 | Dattner (1999) | Unpublished | Students | NPI | Observer | Difference | Close observer | Fairness-decision making | Communion | 91 | -.13 | -.15 |
| 9 | Dattner (1999) | Unpublished | Students | CPI | Observer | Difference | Close observer | Fairness-decision making | Communion | 91 | .12 | .14 |
| 9 | Dattner (1999) | Unpublished | Students | NPI | Observer | Difference | Close observer | Fairness-empathy | Communion | 91 | -.09 | -.10 |
| 9 | Dattner (1999) | Unpublished | Students | CPI | Observer | Difference | Close observer | Fairness-empathy | Communion | 91 | .05 | .06 |
| 9 | Dattner (1999) | Unpublished | Students | NPI | Observer | Difference | Close observer | Fairness-equality | Communion | 91 | .16 | .18 |
| 9 | Dattner (1999) | Unpublished | Students | CPI | Observer | Difference | Close observer | Fairness-equality | Communion | 91 | .32 | .38 |
| 9 | Dattner (1999) | Unpublished | Students | NPI | Observer | Difference | Close observer | Fairness-relative | Communion | 91 | -.12 | -.13 |
| 9 | Dattner (1999) | Unpublished | Students | CPI | Observer | Difference | Close observer | Fairness-relative | Communion | 91 | .06 | .07 |
| 9 | Dattner (1999) | Unpublished | Students | NPI | Observer | Difference | Close observer | Fairness-supportiveness | Communion | 91 | -.16 | -.18 |
| 9 | Dattner (1999) | Unpublished | Students | CPI | Observer | Difference | Close observer | Fairness-supportiveness | Communion | 91 | -.12 | -.14 |
| 9 | Dattner (1999) | Unpublished | Students | NPI | Observer | Difference | Close observer | Fairness-transaction | Communion | 91 | .09 | .10 |
|  |  |  |  |  |  |  |  |  |  |  |  |  |
| 9 | Dattner (1999) | Unpublished | Students | CPI | Observer | Difference | Close observer | Fairness-transaction | Communion | 91 | .05 | .06 |
| 9 | Dattner (1999) | Unpublished | Students | NPI | Observer | Difference | Close observer | Fairness-treatment | Communion | 91 | -.09 | -.10 |
| 9 | Dattner (1999) | Unpublished | Students | CPI | Observer | Difference | Close observer | Fairness-treatment | Communion | 91 | .13 | .15 |
| 9 | Dattner (1999) | Unpublished | Students | NPI | Observer | Difference | Close observer | Fairness-voice | Communion | 91 | -.04 | -.04 |
| 9 | Dattner (1999) | Unpublished | Students | CPI | Observer | Difference | Close observer | Fairness-voice | Communion | 91 | -.05 | -.06 |
| 10 | Gabriel, Critelli, & Ee (1994)  Sample 1 | Published | Students | NPI | Observer | Difference | Acquaintance | Attractiveness | Agency | 62 | .29 | .31 |
| 10 | Gabriel, Critelli, & Ee (1994)  Sample 1 | Published | Students | NPI | Objective | Difference | . | Intelligence | Agency | 62 | .35 | .38 |
| 11 | Gabriel, Critelli, & Ee (1994)  Sample 2 | Published | Students | NPI | Observer | Difference | Acquaintance | Attractiveness | Agency | 84 | .30 | .32 |
| 11 | Gabriel, Critelli, & Ee (1994)  Sample 2 | Published | Students | NPI | Objective | Difference | . | Intelligence | Agency | 84 | .23 | .25 |
| 12 | Gebauer, Sedikides, Verplanken, & Maio (2012)  Sample 1 | Published | Internet | NPI | Objective | Residual | . | Communal traits | Communion | 145 | -.13 | -.15 |
| 13 | Gebauer, Sedikides, Verplanken, & Maio (2012)  Sample 2 | Published | Students | NPI | Objective | Residual | . | Communal traits | Communion | 201 | -.17 | -.19 |
| 13 | Gebauer, Sedikides, Verplanken, & Maio (2012)  Sample 2 | Published | Students | NPI | Objective | Residual | . | Agentic traits | Agency | 201 | .20 | .22 |
| 14 | Gosling, John, Craik, & Robins (1998) | Published | Students | NPI | Observer | Residual | Acquaintance | A variety of categories | Neither | 88 | .27 | .32 |
|  |  |  |  |  |  |  |  |  |  |  |  |  |
| 15 | Harms, Wood, & Roberts (2007) | Unpublished | Students | Selected items measuring the dark triad | Observer | Residual | Close observer | Openness | Agency | 351 | .49 | .57 |
| 15 | Harms, Wood, & Roberts (2007) | Unpublished | Students | Selected items measuring the dark triad | Observer | Residual | Close observer | Conscientiousness | Communion | 351 | .10 | .12 |
| 15 | Harms, Wood, & Roberts (2007) | Unpublished | Students | Selected items measuring the dark triad | Observer | Residual | Close observer | Extraversion | Agency | 351 | .43 | .49 |
| 15 | Harms, Wood, & Roberts (2007) | Unpublished | Students | Selected items used to measure the dark triad | Observer | Residual | Close observer | Agreeableness | Communion | 351 | .04 | .05 |
| 15 | Harms, Wood, & Roberts (2007) | Unpublished | Students | Selected items used to measure the dark triad | Observer | Residual | Close observer | Emotional stability | Neither | 351 | -.05 | -.06 |
| 15 | Harms, Wood, & Roberts (2007) | Unpublished | Students | Selected items used to measure the dark triad | Observer | Residual | Close observer | Leadership | Agency | 351 | .31 | .36 |
| 16 | John & Robins (1994)  Sample 1 | Published | Students | DSM-III-R | Observer | Residual | Acquaintance | Task performance | Agency | 102 | .40 | .43 |
| 16 | John & Robins (1994)  Sample 1 | Published | Students | CAQ | Observer | Residual | Acquaintance | Task performance | Agency | 102 | .20 | .24 |
| 17 | John & Robins (1994)  Sample 2 | Published | Students | NPI | Observer | Residual | Acquaintance | Task performance | Agency | 72 | .32 | .36 |
| 17 | John & Robins (1994)  Sample 2 | Published | Students | CPI | Observer | Residual | Acquaintance | Task performance | Agency | 72 | .23 | .26 |
| 18 | Novartis\* | . | Community | HDS-Bold | Observer | Residual | Close observer | Leadership | Agency | 861 | .15 | .18 |
| 18 | Novartis\* | . | Community | HDS-Bold | Observer | Residual | Close observer | Leadership | Agency | 861 | .15 | .18 |
| 18 | Novartis\* | . | Community | HDS-Bold | Observer | Residual | Close observer | Leadership | Agency | 861 | .15 | .18 |
| 19 | Paulhus (1998)  Study 1 Time 1 | Published | Students | NPI | Observer | Residual | Acquaintance | Task performance | Agency | 124 | -.13 | -.15 |
| 19 | Paulhus (1998)  Study 1 Time 2 | Published | Students | NPI | Observer | Residual | Close observer | Task performance | Agency | 124 | .33 | .37 |
| 20 | Paulhus (1998)  Study 2 Time 1 | Published | Students | NPI | Observer | Residual | Acquaintance | Task performance | Agency | 89 | .00 | .00 |
| 20 | Paulhus (1998)  Study 2 Time 2 | Published | Students | NPI | Observer | Residual | Close observer | Task performance | Agency | 89 | .30 | .34 |
| 21 | Paulhus & Williams (2002) | Published | Students | NPI | Objective | Residual | . | Intelligence | Agency | 245 | .24 | .26 |
| 21 | Paulhus & Williams (2002) | Published | Students | NPI | Objective | . | . | Intelligence | Agency | 245 | .17 | .19 |
| 22 | Pepsi\* | . | Community | HDS-Bold | Observer | Residual | Close observer | Leadership | Agency | 211 | .30 | .37 |
| 22 | Pepsi\* | . | Community | HDS-Bold | Observer | Residual | Close observer | Leadership | Agency | 211 | .30 | .37 |
| 22 | Pepsi\* | . | Community | HDS-Bold | Observer | Residual | Close observer | Leadership | Agency | 211 | .33 | .40 |
| 22 | Pepsi\* | . | Community | HDS-Bold | Observer | Residual | Close observer | Leadership | Agency | 211 | .30 | .37 |
| 23 | Robins & Beer (2001)  Sample 1 | Published | Students | NPI | Observer | Residual | Acquaintance | Task performance | Agency | 360 | .13 | .15 |
| 24 | Robins & Beer (2001)  Sample 2 | Published | Students | NPI | Objective | Residual | . | Academic performance | Agency | 486 | .36 | .40 |
| 25 | WAMU\* | . | Community | HDS-Bold | Observer | Residual | Close observer | Leadership | Agency | 359 | .35 | .43 |
| 25 | WAMU\* | . | Community | HDS-Bold | Observer | Residual | Close observer | Leadership | Agency | 359 | .36 | .44 |
| 25 | WAMU\* | . | Community | HDS-Bold | Observer | Residual | Close observer | Leadership | Agency | 359 | .34 | .42 |
| 26 | Ysa (2007)  Time 1 No feedback | Published | Community | NPI | Objective | Difference | . | Task performance | Agency | 102 | -.01 | -.01 |
| 26 | Ysa (2007)  Time 1 No feedback | Published | Community | NPI | Objective | Difference | . | Task performance | Agency | 102 | -.01 | -.01 |
| 26 | Ysa (2007)  Time 1 No feedback | Published | Community | NPDS | Observer | Difference | . | Task performance | Agency | 102 | .03 | .04 |
| 26 | Ysa (2007)  Time 1 No feedback | Published | Community | NPDS | Objective | Difference | . | Task performance | Agency | 102 | -.07 | -.09 |
| 26 | Ysa (2007)  Time 2 Feedback | Published | Community | NPI | Objective | Difference | . | Task performance | Agency | 102 | .11 | .12 |
| 26 | Ysa (2007)  Time 2 Feedback | Published | Community | NPI | Objective | Difference | . | Task performance | Agency | 102 | .05 | .05 |
| 26 | Ysa (2007)  Time 2 Feedback | Published | Community | NPDS | Observer | Difference | . | Task performance | Agency | 102 | -.23 | -.29 |
| 26 | Ysa (2007)  Time 2 Feedback | Published | Community | NPDS | Objective | Difference | . | Task performance | Agency | 102 | -.18 | -.23 |
|  |  |  |  |  |  |  |  |  |  |  |  |  |

*Note.* N = total sample size in the meta-analysis; *r* = ; NPI = Narcissistic Personality Inventory; HDS-Bold = Hogan Developmental Survey; CPI = California Personality Inventory; CAQ = California Adult Q-sort; NPDS = Narcissistic Personality Disorder Scale.

\*Hogan & Hogan, 2009