APPENDIX A

*Main Codes and Input Values for Narcissism and Self-Enhancement Studies in the Meta-Analysis*

| Group | Study | Type of Publication | Sample | Narcissism Measure | Objective vs. Observer | Residual vs. Difference Score | Length of Relationship | Self-Enhancement Construct | Agency/  Communion/Neither | *N* | *r* | *p̂* |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 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 | Short acquaintance | Interpersonal perception | Neither | 134 | .05 | .06 |
| 1 | Ames & Kammrath (2004)  Sample 2 | Published | Students | NPI | Observer | Difference | Short acquaintance | Interpersonal perception | Neither | 134 | .08 | .10 |
| 2 | Ames, Rose, & Anderson (2006) | Unpublished\* | Students | NPI | Objective | Residual | . | Task performance | Agency | 42 | .36 | .44 |
| 3 | Brown (2010) | Unpublished | Students | NPI | Objective | Difference | . | Interpersonal perception | Neither | 47 | .30 | .33 |
| 4 | Campbell, Goodie, & Foster (2004)  Sample 1 | Published | Students | NPI | Objective | Difference | . | Intelligence | Agency | 104 | .28 | .31 |
| 5 | Campbell, Goodie, & Foster (2004)  Sample 2 | Published | Students | NPI | Objective | Difference | . | Intelligence | Agency | 97 | .30 | .33 |
| 6 | Campbell, Goodie, & Foster (2004)  Sample 3 | Published | Students | NPI | Objective | Difference | . | Intelligence | Agency | 607 | .10 | .11 |
| 7 | Carlson, Naumann, & Vazire (2011) | Unpublished | Students | NPI | Observer | Residual | Short  acquaintance | Attractive | Agency | 82 | .24 | .29 |
| 7 | Carlson, Naumann, & Vazire (2011) | Unpublished | Students | NPI | Observer | Residual | Long acquaintance | Attractive | Agency | 82 | .26 | .31 |
| 7 | Carlson, Naumann, & Vazire (2011) | Unpublished | Students | NPI | Observer | Residual | Zero  acquaintance | Surgency | Agency | 82 | .33 | .39 |
| 7 | Carlson, Naumann, & Vazire (2011) | Unpublished | Students | NPI | Observer | Residual | Long  acquaintance | Surgency | Agency | 82 | .41 | .49 |
| 7 | Carlson, Naumann, & Vazire (2011) | Unpublished | Students | NPI | Observer | Residual | Short  acquaintance | Agreeable | Communion | 82 | .02 | .02 |
| 7 | Carlson, Naumann, & Vazire (2011) | Unpublished | Students | NPI | Observer | Residual | Zero  acquaintance | Agreeable | Communion | 82 | .02 | .02 |
| 7 | Carlson, Naumann, & Vazire (2011) | Unpublished | Students | NPI | Observer | Residual | Long acquaintance | Agreeable | Communion | 82 | .08 | .10 |
| 7 | Carlson, Naumann, & Vazire (2011) | Unpublished | Students | NPI | Observer | Residual | Short  acquaintance | Intelligence | Agency | 82 | .24 | 29 |

*(continued)*

APPENDIX A (continued)

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| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Group | Study | Type of Publication | Sample | Narcissism Measure | Objective vs. Observer | Residual vs. Difference Score | Length of Relationship | Self-Enhancement Construct | Agency/  Communion/Neither | *N* | *r* | *p̂* |
| 7 | Carlson, Naumann, & Vazire (2011) | Unpublished | Students | NPI | Observer | Residual | Zero  acquaintance | Intelligence | Agency | 82 | .21 | .25 |
| 7 | Carlson, Naumann, & Vazire (2011) | Unpublished | Students | NPI | Observer | Residual | Long acquaintance | Intelligence | Agency | 82 | .24 | .29 |
| 7 | Carlson, Naumann, & Vazire (2011) | Unpublished | Students | NPI | Observer | Residual | Zero acquaintance | Well-being | Neither | 82 | .23 | .27 |
| 7 | Carlson, Naumann, & Vazire (2011) | Unpublished | Students | NPI | Observer | Residual | Short acquaintance | Well-being | Neither | 82 | .26 | .31 |
| 7 | Carlson, Naumann, & Vazire (2011) | Unpublished | Students | NPI | Observer | Residual | Long acquaintance | Well-being | Neither | 82 | .26 | .31 |
| 7 | Carlson, Naumann, & Vazire (2011) | Unpublished | Students | NPI | Observer | Residual | Short  acquaintance | Likeable | Communion | 82 | .21 | .25 |
| 7 | Carlson, Naumann, & Vazire (2011) | Unpublished | Students | NPI | Observer | Residual | Long acquaintance | Likeable | Communion | 82 | .21 | .25 |
| 7 | Carlson, Naumann, & Vazire (2011) | Unpublished | Students | NPI | Observer | Residual | Zero  acquaintance | Reliable | Communion | 82 | .00 | .00 |
| 7 | Carlson, Naumann, & Vazire (2011) | Unpublished | Students | NPI | Observer | Residual | Short  acquaintance | Reliable | Communion | 82 | .01 | .01 |
| 7 | Carlson, Naumann, & Vazire (2011) | Unpublished | Students | NPI | Observer | Residual | Long acquaintance | Reliable | Communion | 82 | .02 | .02 |
| 8 | Carlson, Vazire, & Oltmanns (2011)  Study 1 | Published | Students | NPI | Observer | Residual | Short  acquaintance | Attractiveness | Agency | 88 | .33 | .41 |
| 8 | Carlson, Vazire, & Oltmanns (2011)  Study 1 | Published | Students | NPI | Observer | Residual | Long acquaintance | Attractiveness | Agency | 201 | .41 | .51 |
| 8 | Carlson, Vazire, & Oltmanns (2011)  Study 1 | Published | Students | NPI | Observer | Residual | Short  acquaintance | Openness | Agency | 88 | .22 | .28 |
| 8 | Carlson, Vazire, & Oltmanns (2011)  Study 1 | Published | Students | NPI | Observer | Residual | Long acquaintance | Openness | Agency | 201 | .19 | .24 |
| 8 | Carlson, Vazire, & Oltmanns (2011)  Study 1 | Published | Students | NPI | Observer | Residual | Short  acquaintance | Conscientiousness | Communion | 88 | .20 | .25 |
| 8 | Carlson, Vazire, & Oltmanns (2011)  Study 1 | Published | Students | NPI | Observer | Residual | Long acquaintance | Conscientiousness | Communion | 201 | .21 | .26 |
| 8 | Carlson, Vazire, & Oltmanns (2011)  Study 1 | Published | Students | NPI | Observer | Residual | Short  acquaintance | Extraversion | Agency | 88 | .35 | .44 |
| 8 | Carlson, Vazire, & Oltmanns (2011)  Study 1 | Published | Students | NPI | Observer | Residual | Long acquaintance | Extraversion | Agency | 201 | .34 | .43 |

*(continued)*

APPENDIX A (continued)

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| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Group | Study | Type of Publication | Sample | Narcissism Measure | Objective vs. Observer | Residual vs. Difference Score | Length of Relationship | Self-Enhancement Construct | Agency/  Communion/Neither | *N* | *r* | *p̂* |
| 8 | Carlson, Vazire, & Oltmanns (2011)  Study 1 | Published | Students | NPI | Observer | Residual | Short  acquaintance | Agreeable | Communion | 88 | -.19 | -.24 |
| 8 | Carlson, Vazire, & Oltmanns (2011)  Study 1 | Published | Students | NPI | Observer | Residual | Long acquaintance | Agreeable | Communion | 201 | -.18 | -.23 |
| 8 | Carlson, Vazire, & Oltmanns (2011)  Study 1 | Published | Students | NPI | Observer | Residual | Short  acquaintance | Emotional stability | Neither | 88 | .22 | .28 |
| 8 | Carlson, Vazire, & Oltmanns (2011)  Study 1 | Published | Students | NPI | Observer | Residual | Long acquaintance | Emotional stability | Neither | 201 | .14 | .18 |
| 8 | Carlson, Vazire, & Oltmanns (2011)  Study 1 | Published | Students | NPI | Observer | Residual | Short  acquaintance | Intelligence | Agency | 88 | .27 | .34 |
| 8 | Carlson, Vazire, & Oltmanns (2011)  Study 1 | Published | Students | NPI | Observer | Residual | Long acquaintance | Intelligence | Agency | 201 | .31 | .39 |
| 8 | Carlson, Vazire, & Oltmanns (2011)  Study 1 | Published | Students | NPI | Observer | Residual | Short  acquaintance | Well-being | Neither | 88 | .24 | .30 |
| 8 | Carlson, Vazire, & Oltmanns (2011)  Study 1 | Published | Students | NPI | Observer | Residual | Long acquaintance | Well-being | Neither | 201 | .20 | .25 |
| 8 | Carlson, Vazire, & Oltmanns (2011)  Study 1 | Published | Students | NPI | Observer | Residual | Short  acquaintance | Honest | Communion | 88 | .08 | .10 |
| 8 | Carlson, Vazire, & Oltmanns (2011)  Study 1 | Published | Students | NPI | Observer | Residual | Long acquaintance | Honest | Communion | 201 | .09 | .11 |
| 8 | Carlson, Vazire, & Oltmanns (2011)  Study 1 | Published | Students | NPI | Observer | Residual | Short  acquaintance | Likeable | Communion | 88 | .24 | .30 |
| 8 | Carlson, Vazire, & Oltmanns (2011)  Study 1 | Published | Students | NPI | Observer | Residual | Long acquaintance | Likeable | Communion | 201 | .32 | .40 |
| 8 | Carlson, Vazire, & Oltmanns (2011)  Study 1 | Published | Students | NPI | Observer | Residual | Short  acquaintance | Funny | Neither | 88 | .31 | .39 |
| 8 | Carlson, Vazire, & Oltmanns (2011)  Study 1 | Published | Students | NPI | Observer | Residual | Long acquaintance | Funny | Neither | 201 | .28 | .35 |

(*continued*)

APPENDIX A (continued)

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| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Group | Study | Type of Publication | Sample | Narcissism Measure | Objective vs. Observer | Residual vs. Difference Score | Length of Relationship | Self-Enhancement Construct | Agency/  Communion/Neither | *N* | *r* | *p̂* |
| 8 | Carlson, Vazire, & Oltmanns (2011)  Study 1 | Published | Students | NPI | Observer | Residual | Short  acquaintance | Impulsive | Agency | 88 | .08 | .10 |
| 8 | Carlson, Vazire, & Oltmanns (2011)  Study 1 | Published | Students | NPI | Observer | Residual | Long acquaintance | Impulsive | Agency | 201 | .11 | .14 |
| 8 | Carlson, Vazire, & Oltmanns (2011)  Study 1 | Published | Students | NPI | Observer | Residual | Short  acquaintance | Exaggerates abilities | Agency | 88 | .15 | .19 |
| 8 | Carlson, Vazire, & Oltmanns (2011)  Study 1 | Published | Students | NPI | Observer | Residual | Long acquaintance | Exaggerates abilities | Agency | 201 | .18 | .23 |
| 8 | Carlson, Vazire, & Oltmanns (2011)  Study 1 | Published | Students | NPI | Observer | Residual | Short  acquaintance | Arrogant | Agency | 88 | .32 | .40 |
| 8 | Carlson, Vazire, & Oltmanns (2011)  Study 1 | Published | Students | NPI | Observer | Residual | Long acquaintance | Arrogant | Agency | 201 | .21 | .26 |
| 8 | Carlson, Vazire, & Oltmanns (2011)  Study 1 | Published | Students | NPI | Observer | Residual | Short  acquaintance | Power oriented | Agency | 88 | .37 | .46 |
| 8 | Carlson, Vazire, & Oltmanns (2011)  Study 1 | Published | Students | NPI | Observer | Residual | Long acquaintance | Power oriented | Agency | 201 | .34 | .43 |
| 9 | Carlson, Vazire, & Oltmanns (2011)  Study 2 | Published | Students | NPI | Observer | Residual | Short  acquaintance | Attractiveness | Agency | 71 | .55 | .60 |
| 9 | Carlson, Vazire, & Oltmanns (2011)  Study 2 | Published | Students | NPI | Observer | Residual | Long  acquaintance | Attractiveness | Agency | 71 | .52 | .57 |
| 9 | Carlson, Vazire, & Oltmanns (2011)  Study 2 | Published | Students | NPI | Observer | Residual | Short  acquaintance | Openness | Agency | 71 | .31 | .34 |
| 9 | Carlson, Vazire, & Oltmanns (2011)  Study 2 | Published | Students | NPI | Observer | Residual | Short  acquaintance | Openness | Agency | 71 | .30 | .33 |
| 9 | Carlson, Vazire, & Oltmanns (2011)  Study 2 | Published | Students | NPI | Observer | Residual | Short  acquaintance | Openness | Agency | 71 | .21 | .23 |

(*continued*)

APPENDIX A (continued)

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| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Group | Study | Type of Publication | Sample | Narcissism Measure | Objective vs. Observer | Residual vs. Difference Score | Length of Relationship | Self-Enhancement Construct | Agency/  Communion/Neither | *N* | *r* | *p̂* |
| 9 | Carlson, Vazire, & Oltmanns (2011)  Study 2 | Published | Students | NPI | Observer | Residual | Short acquaintance | Openness | Agency | 71 | .35 | .38 |
| 9 | Carlson, Vazire, & Oltmanns (2011)  Study 2 | Published | Students | NPI | Observer | Residual | Short  acquaintance | Conscientiousness | Communion | 71 | .08 | .09 |
| 9 | Carlson, Vazire, & Oltmanns (2011)  Study 2 | Published | Students | NPI | Observer | Residual | Short  acquaintance | Conscientiousness | Communion | 71 | .04 | .04 |
| 9 | Carlson, Vazire, & Oltmanns (2011)  Study 2 | Published | Students | NPI | Observer | Residual | Long  acquaintance | Conscientiousness | Communion | 71 | .03 | .03 |
| 9 | Carlson, Vazire, & Oltmanns (2011)  Study 2 | Published | Students | NPI | Observer | Residual | Long  acquaintance | Conscientiousness | Communion | 71 | -.08 | -.09 |
| 9 | Carlson, Vazire, & Oltmanns (2011)  Study 2 | Published | Students | NPI | Observer | Residual | Short  acquaintance | Extraverted | Agency | 71 | .27 | .30 |
| 9 | Carlson, Vazire, & Oltmanns (2011)  Study 2 | Published | Students | NPI | Observer | Residual | Short  acquaintance | Extraverted | Agency | 71 | .16 | .18 |
| 9 | Carlson, Vazire, & Oltmanns (2011)  Study 2 | Published | Students | NPI | Observer | Residual | Long acquaintance | Extraverted | Agency | 71 | .25 | .27 |
| 9 | Carlson, Vazire, & Oltmanns (2011)  Study 2 | Published | Students | NPI | Observer | Residual | Long acquaintance | Extraverted | Agency | 71 | .32 | .35 |
| 9 | Carlson, Vazire, & Oltmanns (2011)  Study 2 | Published | Students | NPI | Observer | Residual | Short  acquaintance | Agreeable | Communion | 71 | -.13 | -.14 |
| 9 | Carlson, Vazire, & Oltmanns (2011)  Study 2 | Published | Students | NPI | Observer | Residual | Short  acquaintance | Agreeable | Communion | 71 | -.04 | -.04 |
| 9 | Carlson, Vazire, & Oltmanns (2011)  Study 2 | Published | Students | NPI | Observer | Residual | Long acquaintance | Agreeable | Communion | 71 | -.11 | -.12 |
| 9 | Carlson, Vazire, & Oltmanns (2011)  Study 2 | Published | Students | NPI | Observer | Residual | Long acquaintance | Agreeable | Communion | 71 | .11 | .12 |
| 9 | Carlson, Vazire, & Oltmanns (2011)  Study 2 | Published | Students | NPI | Observer | Residual | Short  acquaintance | Emotionally stable | Neither | 71 | .06 | .07 |

(*continued*)

APPENDIX A (continued)

|  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Group | Study | Type of Publication | Sample | Narcissism Measure | Objective vs. Observer | Residual vs. Difference Score | Length of Relationship | Self-Enhancement Construct | Agency/  Communion/Neither | *N* | *r* | *p̂* |
| 9 | Carlson, Vazire, & Oltmanns (2011)  Study 2 | Published | Students | NPI | Observer | Residual | Short  acquaintance | Emotionally stable | Neither | 71 | -.03 | -.03 |
| 9 | Carlson, Vazire, & Oltmanns (2011)  Study 2 | Published | Students | NPI | Observer | Residual | Long acquaintance | Emotionally stable | Neither | 71 | .15 | .16 |
| 9 | Carlson, Vazire, & Oltmanns (2011)  Study 2 | Published | Students | NPI | Observer | Residual | Long acquaintance | Emotionally stable | Neither | 71 | .11 | .12 |
| 9 | Carlson, Vazire, & Oltmanns (2011)  Study 2 | Published | Students | NPI | Observer | Residual | Short  acquaintance | Intelligence | Agency | 71 | .29 | .32 |
| 9 | Carlson, Vazire, & Oltmanns (2011)  Study 2 | Published | Students | NPI | Observer | Residual | Long acquaintance | Intelligence | Agency | 71 | .10 | .11 |
| 9 | Carlson, Vazire, & Oltmanns (2011)  Study 2 | Published | Students | NPI | Observer | Residual | Short  acquaintance | Likeable | Communion | 71 | .35 | .38 |
| 9 | Carlson, Vazire, & Oltmanns (2011)  Study 2 | Published | Students | NPI | Observer | Residual | Long acquaintance | Likeable | Communion | 71 | .28 | .31 |
| 9 | Carlson, Vazire, & Oltmanns (2011)  Study 2 | Published | Students | NPI | Observer | Residual | Short  acquaintance | Funny | Neither | 71 | .14 | .15 |
| 9 | Carlson, Vazire, & Oltmanns (2011)  Study 2 | Published | Students | NPI | Observer | Residual | Long acquaintance | Funny | Neither | 71 | .14 | .15 |
| 9 | Carlson, Vazire, & Oltmanns (2011)  Study 2 | Published | Students | NPI | Observer | Residual | Short  acquaintance | Exaggerates abilities | Agency | 71 | .25 | .27 |
| 9 | Carlson, Vazire, & Oltmanns (2011)  Study 2 | Published | Students | NPI | Observer | Residual | Long acquaintance | Exaggerates abilities | Agency | 71 | .34 | .37 |
| 9 | Carlson, Vazire, & Oltmanns (2011)  Study 2 | Published | Students | NPI | Observer | Residual | Short  acquaintance | Arrogant | Agency | 71 | .36 | .40 |
| 9 | Carlson, Vazire, & Oltmanns (2011)  Study 2 | Published | Students | NPI | Observer | Residual | Long acquaintance | Arrogant | Agency | 71 | .38 | .42 |

(*continued*)

APPENDIX A (continued)

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| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Group | Study | Type of Publication | Sample | Narcissism Measure | Objective vs. Observer | Residual vs. Difference Score | Length of Relationship | Self-Enhancement Construct | Agency/  Communion/Neither | *N* | *r* | *p̂* |
| 10 | Dattner (1999) | Unpublished | Students | NPI | Observer | Difference | Long acquaintance | Fairness-consistency | Communion | 91 | -.13 | .15 |
| 10 | Dattner (1999) | Unpublished | Students | CPI | Observer | Difference | Long acquaintance | Fairness-consistency | Communion | 91 | .26 | .31 |
| 10 | Dattner (1999) | Unpublished | Students | NPI | Observer | Difference | Long acquaintance | Fairness-decision making | Communion | 91 | -.13 | -.15 |
| 10 | Dattner (1999) | Unpublished | Students | CPI | Observer | Difference | Long acquaintance | Fairness-decision making | Communion | 91 | .12 | .14 |
| 10 | Dattner (1999) | Unpublished | Students | NPI | Observer | Difference | Long acquaintance | Fairness-empathy | Communion | 91 | -.09 | -.10 |
| 10 | Dattner (1999) | Unpublished | Students | CPI | Observer | Difference | Long acquaintance | Fairness-empathy | Communion | 91 | .05 | .06 |
| 10 | Dattner (1999) | Unpublished | Students | NPI | Observer | Difference | Long acquaintance | Fairness-equality | Communion | 91 | .16 | .18 |
| 10 | Dattner (1999) | Unpublished | Students | CPI | Observer | Difference | Long acquaintance | Fairness-equality | Communion | 91 | .32 | .38 |
| 10 | Dattner (1999) | Unpublished | Students | NPI | Observer | Difference | Long acquaintance | Fairness-relative | Communion | 91 | -.12 | -.13 |
| 10 | Dattner (1999) | Unpublished | Students | CPI | Observer | Difference | Long acquaintance | Fairness-relative | Communion | 91 | .06 | .07 |
| 10 | Dattner (1999) | Unpublished | Students | NPI | Observer | Difference | Long acquaintance | Fairness-supportiveness | Communion | 91 | -.16 | -.18 |
| 10 | Dattner (1999) | Unpublished | Students | CPI | Observer | Difference | Long acquaintance | Fairness-supportiveness | Communion | 91 | -.12 | -.14 |
| 10 | Dattner (1999) | Unpublished | Students | NPI | Observer | Difference | Long acquaintance | Fairness-transaction | Communion | 91 | .09 | .10 |
| 10 | Dattner (1999) | Unpublished | Students | CPI | Observer | Difference | Long acquaintance | Fairness-transaction | Communion | 91 | .05 | .06 |
| 10 | Dattner (1999) | Unpublished | Students | NPI | Observer | Difference | Long acquaintance | Fairness-treatment | Communion | 91 | -.09 | -.10 |
| 10 | Dattner (1999) | Unpublished | Students | CPI | Observer | Difference | Long acquaintance | Fairness-treatment | Communion | 91 | .13 | .15 |
| 10 | Dattner (1999) | Unpublished | Students | NPI | Observer | Difference | Long acquaintance | Fairness-voice | Communion | 91 | -.04 | -.04 |
| 10 | Dattner (1999) | Unpublished | Students | CPI | Observer | Difference | Long acquaintance | Fairness-voice | Communion | 91 | -.05 | -.06 |
|  |  |  |  |  |  |  |  |  |  |  |  |  |

*(continued)*APPENDIX A (continued)

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| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Group | Study | Type of Publication | Sample | Narcissism Measure | Objective vs. Observer | Residual vs. Difference Score | Length of Relationship | Self-Enhancement Construct | Agency/  Communion/Neither | *N* | *r* | *p̂* |
| 11 | Dufner et al.,  (2013) | Published | Internet users | NPI | Objective | Residual | . | Intelligence | Agency | 337 | .41 | .46 |
| 11 | Dufner et al.,  (2013) | Published | Internet users | NPI | Observer | Residual | Long Acquaintance | Intelligence | Agency | 337 | .20 | .22 |
| 12 | Dufner et al.,  (2013) | Published | Students | Childhood Narcissism Scale | Objective | Residual | . | Intelligence | Agency | 183 | .24 | .26 |
| 12 | Dufner et al.,  (2013) | Published | Students | Childhood Narcissism Scale | Observer | Residual | Long acquaintance | Intelligence | Agency | 183 | .37 | .41 |
| 13 | Gabriel, Critelli, & Ee (1994)  Sample 1 | Published | Students | NPI | Observer | Residual | Zero  acquaintance | Attractiveness | Agency | 62 | .29 | .31 |
| 13 | Gabriel, Critelli, & Ee (1994)  Sample 1 | Published | Students | NPI | Objective | Residual | . | Intelligence | Agency | 62 | .35 | .38 |
| 14 | Gabriel, Critelli, & Ee (1994)  Sample 2 | Published | Students | NPI | Observer | Residual | Zero  acquaintance | Attractiveness | Agency | 84 | .30 | .32 |
| 14 | Gabriel, Critelli, & Ee (1994)  Sample 2 | Published | Students | NPI | Objective | Residual | . | Intelligence | Agency | 84 | .23 | .25 |
| 15 | Gebauer, Sedikides, Verplanken, & Maio (2012)  Sample 1 | Published | Internet | NPI | Objective | . | . | Communal traits | Communion | 145 | -.13 | -.15 |
| 16 | Gebauer, Sedikides, Verplanken, & Maio (2012)  Sample 2 | Published | Students | NPI | Objective | . | . | Communal traits | Communion | 201 | -.17 | -.19 |
| 16 | Gebauer, Sedikides, Verplanken, & Maio (2012)  Sample 2 | Published | Students | NPI | Objective | . | . | Agentic traits | Agency | 201 | .20 | .22 |
| 17 | Gosling, John, Craik, & Robins (1998) | Published | Students | NPI | Objective | Residual | . | A variety of categories | Neither | 88 | .28 | .33 |
|  |  |  |  |  |  |  |  |  |  |  |  |  |

(*continued*)

APPENDIX A (continued)

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| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Group | Study | Type of Publication | Sample | Narcissism Measure | Objective vs. Observer | Residual vs. Difference Score | Length of Relationship | Self-Enhancement Construct | Agency/  Communion/Neither | *N* | *r* | *p̂* |
| 18 | Harms, Wood, & Roberts (2007) | Unpublished\* | Students | Selected items measuring the dark triad | Observer | Residual | Long Acquaintance | Openness | Agency | 339 | .49 | .57 |
| 18 | Harms, Wood, & Roberts (2007) | Unpublished\* | Students | Selected items measuring the dark triad | Observer | Residual | Long Acquaintance | Conscientiousness | Communion | 339 | .10 | .12 |
| 18 | Harms, Wood, & Roberts (2007) | Unpublished\* | Students | Selected items measuring the dark triad | Observer | Residual | Long Acquaintance | Extraversion | Agency | 339 | .43 | .49 |
| 18 | Harms, Wood, & Roberts (2007) | Unpublished\* | Students | Selected items used to measure the dark triad | Observer | Residual | Long Acquaintance | Agreeableness | Communion | 339 | .04 | .05 |
| 18 | Harms, Wood, & Roberts (2007) | Unpublished\* | Students | Selected items used to measure the dark triad | Observer | Residual | Long Acquaintance | Emotional stability | Neither | 339 | -.05 | -.06 |
| 18 | Harms, Wood, & Roberts (2007) | Unpublished\* | Students | Selected items used to measure the dark triad | Observer | Residual | Long Acquaintance | Leadership | Agency | 339 | .31 | .36 |
| 19 | HAS; Sample 1\* | Technical Manual | Community | HDS-Bold | Observer | Residual | Long Acquaintance | Leadership | Agency | 861 | .15 | .18 |
| 19 | HAS; Sample 1\* | Technical Manual | Community | HDS-Bold | Observer | Residual | Long Acquaintance | Leadership | Agency | 861 | .15 | .18 |
| 19 | HAS; Sample 1\* | Technical Manual | Community | HDS-Bold | Observer | Residual | Long Acquaintance | Leadership | Agency | 861 | .15 | .18 |
| 20 | HAS; Sample 2\* | Technical Manual | Community | HDS-Bold | Observer | Residual | Long Acquaintance | Leadership | Agency | 211 | .30 | .37 |
| 20 | HAS; Sample 2\* | Technical Manual | Community | HDS-Bold | Observer | Residual | Long Acquaintance | Leadership | Agency | 211 | .30 | .37 |
| 20 | HAS; Sample 2\* | Technical Manual | Community | HDS-Bold | Observer | Residual | Long Acquaintance | Leadership | Agency | 211 | .33 | .40 |
| 20 | HAS; Sample 2\* | Technical Manual | Community | HDS-Bold | Observer | Residual | Long Acquaintance | Leadership | Agency | 211 | .30 | .37 |
| 21 | HAS; Sample 3\* | Technical Manual | Community | HDS-Bold | Observer | Residual | Long Acquaintance | Leadership | Agency | 359 | .35 | .43 |

(*continued*)

APPENDIX A (continued)

|  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Group | Study | Type of Publication | Sample | Narcissism Measure | Objective vs. Observer | Residual vs. Difference Score | Length of Relationship | Self-Enhancement Construct | Agency/  Communion/Neither | *N* | *r* | *p̂* |
| 21 | HAS; Sample 3\* | Technical Manual | Community | HDS-Bold | Observer | Residual | Long Acquaintance | Leadership | Agency | 359 | .36 | .44 |
| 21 | HAS; Sample 3\* | Technical Manual | Community | HDS-Bold | Observer | Residual | Long Acquaintance | Leadership | Agency | 359 | .34 | .42 |
| 22 | Holtzman & Strube (2013) | Unpublished\* | Students | NPI | Observer | Residual | Long acquaintance | Conscientiousness | Communion | 171 | .26 | .28 |
| 22 | Holtzman & Strube (2013) | Unpublished\* | Students | NPI | Observer | Residual | Long acquaintance | Agreeableness | Communion | 171 | -.49 | -.52 |
| 22 | Holtzman & Strube (2013) | Unpublished\* | Students | NPI | Observer | Residual | Long acquaintance | Openness | Agency | 171 | -.01 | -.01 |
| 22 | Holtzman & Strube (2013) | Unpublished\* | Students | NPI | Observer | Residual | Long acquaintance | Extraversion | Agency | 171 | .41 | .44 |
| 22 | Holtzman & Strube (2013) | Unpublished\* | Students | NPI | Observer | Residual | Long acquaintance | Emotional  Stability | Neither | 171 | .20 | .22 |
| 22 | Holtzman & Strube (2013) | Unpublished\* | Students | NPI | Observer | Residual | Long acquaintance | Machiavellianism | Agency | 169 | .32 | .34 |
| 22 | Holtzman & Strube (2013) | Unpublished\* | Students | NPI | Observer | Residual | Long acquaintance | Psychopathy | Agency | 168 | .47 | .50 |
| 23 | Iliescu, Ispas, Sulea, & Ilie (2015) | Unpublished\* | Community | Paulhus &  Jones | Observer | Residual | Long acquaintance | Counterproductive work behavior | Neither | 76 | .11 | .16 |
| 24 | John & Robins (1994)  Sample 1 | Published | Students | DSM-III-R | Observer | Residual | Short  acquaintance | Task performance | Agency | 72 | .40 | .43 |
| 24 | John & Robins (1994)  Sample 1 | Published | Students | CAQ | Observer | Residual | Short  acquaintance | Task performance | Agency | 102 | .20 | .21 |
| 24 | John & Robins (1994) Sample 2 | Published | Students | NPI | Observer | Residual | Short  acquaintance | Task Performance | Agency | 72 | .32 | .36 |
| 24 | John & Robins (1994)  Sample 2 | Published | Students | CPI | Observer | Residual | Short  acquaintance | Task performance | Agency | 102 | .23 | .26 |
| 25 | Krizan & Johar (2012) | Unpublished\* | Students | NPI | Observer | Residual | Long acquaintance | Dispositional  Envy Scale (DES) | Neither | 122 | -.16 | -.18 |
| 26 | Kurt (2005) | Unpublished | Students | NPI | Observer | Difference | Long acquaintance | Agency | Agency | 123 | .28 | .31 |
| 26 | Kurt (2005) | Unpublished | Students | NPI | Observer | Difference | Long acquaintance | Communion | Communion | 123 | .07 | .08 |
| 27 | Nehrig (2015) | Unpublished\* | Students | NPI | Observer | Residual | Zero acquaintance | Stress | Neither | 156 | -.02 | -.02 |
| 28 | Nùnez (2007) | Unpublished | Community | NPI | Objective | Difference | . | Task performance | Agency | 102 | -.01 | -.01 |

(*continued*)

APPENDIX A (continued)

|  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Group | Study | Type of Publication | Sample | Narcissism Measure | Objective vs. Observer | Residual vs. Difference Score | Length of Relationship | Self-Enhancement Construct | Agency/  Communion/Neither | *N* | *r* | *p̂* |
| 28 | Nùnez (2007) | Unpublished | Community | NPI | Objective | Difference | . | Task performance | Agency | 102 | -.01 | -.01 |
| 28 | Nùnez (2007) | Unpublished | Community | NPI | Objective | Difference | . | Task performance | Agency | 102 | .11 | .12 |
| 28 | Nùnez (2007) | Unpublished | Community | NPI | Objective | Difference | . | Task performance | Agency | 102 | .11 | .12 |
| 28 | Nùnez (2007) | Unpublished | Community | NPI | Objective | Difference | . | Task performance | Agency | 102 | .05 | .05 |
| 28 | Nùnez (2007) | Unpublished | Community | NPI | Objective | Difference | . | Task performance | Agency | 102 | .03 | .03 |
| 29 | Park & Colvin (2014) | Unpublished\* | Students | NPI | Observer | Residual | Long acquaintance | Agency | Agency | 66 | .36 | .39 |
| 29 | Park & Colvin (2014) | Unpublished\* | Students | NPI | Observer | Residual | Long acquaintance | Communion | Communion | 66 | -.06 | -.06 |
| 30 | Park, Joo, Heo, & Tignor (2015) | Unpublished\* | Students | NPI | Objective | Residual | . | Intelligence | Agency | 146 | .16 | .17 |
| 31 | Paulhus (1998)  Study 1 Time 1 | Published | Students | NPI | Observer | Residual | Short  acquaintance | Task performance | Agency | 124 | -.13 | -.15 |
| 31 | Paulhus (1998)  Study 1 Time 2 | Published | Students | NPI | Observer | Residual | Long  acquaintance | Task performance | Agency | 124 | .33 | .37 |
| 32 | Paulhus (1998)  Study 2 Time 1 | Published | Students | NPI | Observer | Residual | Short  acquaintance | Task performance | Agency | 89 | .00 | .00 |
| 32 | Paulhus (1998)  Study 2 Time 2 | Published | Students | NPI | Observer | Residual | Long  acquaintance | Task performance | Agency | 89 | .30 | .34 |
| 33 | Paulhus & Williams (2002) | Published | Students | NPI | Objective | Residual | . | Intelligence | Agency | 245 | .24 | .26 |
| 33 | Paulhus & Williams (2002) | Published | Students | NPI | Objective | . | . | Intelligence | Agency | 245 | .17 | .19 |
| 34 | Robins & Beer (2001)  Sample 1 | Published | Students | NPI | Observer | Residual | Short  acquaintance | Task performance | Agency | 360 | .13 | .15 |
| 35 | Robins & Beer (2001)  Sample 2 | Published | Students | NPI | Objective | Residual | . | Academic performance | Agency | 486 | .36 | .40 |
| 36 | Vazire (2006) | Unpublished | Students | NPI | Observer | Difference | Long acquaintance | Conscientiousness | Communion | 235 | .21 | .23 |
| 36 | Vazire (2006) | Unpublished | Students | NPI | Observer | Difference | Long acquaintance | Emotional  Stability | Neither | 235 | .18 | .20 |
| 36 | Vazire (2006) | Unpublished | Students | NPI | Objective | Difference | . | Intelligence | Agency | 235 | .30 | .33 |
| 36 | Vazire (2006) | Unpublished | Students | NPI | Observer | Difference | Zero acquaintance | Attractiveness | Agency | 235 | .36 | .39 |

*Note. N* = sample size; *r* = sample size weighted mean correlation; = correlation corrected for attenuation in the predictor; \* = additional unpublished information received from author(s); NPI = Narcissistic Personality Inventory; HDS-Bold = Hogan Developmental Survey; CPI = California Personality Inventory; CAQ = California Adult Q-set; HAS = Hogan Assessment Systems; NPDS = Narcissistic Personality Disorder Scale.

\*Data from Hogan Assessment Systems