**Table 1**

*Correlations with Aggressive Humor*

|  | **Population** |  | **Correlations with Aggressive Humor** |
| --- | --- | --- | --- |
|  | ***N*** | **Sample** | **(+ = positive correlation; - = negative correlation)** |
| (Bippus et al., 2012) | 442 | U.S. West Coast UniversityU.S. South-Central University | (+) funniness, likability, counterarguing, credibility |
| (Cann & Matson, 2014) | 353 | North Carolina, United States | (+) maladaptive humor = socially undesirable |
| (DiDonato & Jakubiak, 2016) | 224 | Mid-Atlantic Jesuit University/ workers on MTurk | (-) humor production, short-term relationships |
| (Dozois et al., 2013) | 208 | Psych students University of Western Ontario | (+) anger, hostility, physical and verbal aggression  |
| (Greengross & Miller, 2011) | 96 | Intro – Psych studentsUniversity of New Mexico | (-) agreeableness, neuroticism |
| (Hampes, 2016) | 112 | Midwest community college students | (-) forgiveness likelihood, presences of positive |
| (Hugelshofer et al., 2006) | 418 | Intro-Psych students Pacific Northwest | (+) depressive symptoms among women |
| (Kazarian & Martin, 2006) | 278 | Lebanese Residents | (+) horizontal individualism(-) horizontal collectivism, vertical collectivism, vertical individualism, family adjustment  |
| (Kuiper & Harris, 2009) | 105 | Undergrad Psych students | (+) dysfunctional coping patterns, greater denial, reduction in the ability to change perspective |
| (Martin et al., 2003) | 1195 | Intro – Psych studentsUniversity of Western Ontario | (+) neuroticism, unmitigated masculinity(-) agreeableness, conscientiousness, femininity |
| (Martin et al., 2012) | 200 | Psych students  | (+) Machiavellianism, psychopathy  |
|  | **Population** |  | **Correlations with Aggressive Humor** |
|  | ***N*** | **Sample** | **(+ = positive correlation; - = negative correlation)** |
| (Masui et al., 2013) | 139 | Undergraduate students, Japan | (+) psychopathy, social exclusion |
| (Mauriello & McConatha, 2007) | 182 | Psych studentsThe University of Pennsylvania, community adults | (+) coping humor scale |
| (Ozyesil, 2012) | 440 | Turkey | (-) self-esteem |
| (Ruch & Heintz, 2019) | 570 | Swiss (70.7%)German (20.9%) | (+) sarcasm, fun, irony |
| (Sari, 2016) | 489 | High School studentsTurkey | (+) cyberbullying |
| (Taher et al., 2008) | 435 | Lebanon | (+) depressive symptoms, social anxiety, social avoidance |
| (Tucker et al., 2013) | 306 | Psych students | (+) symptoms of depression |
| (Veselka et al., 2010b) | 114 | Twins from Canada and the United States | (+) psychopathy, Machiavellianism |
| (Veselka et al., 2010a) | 1186  | Twins from King's College London, England | (-) honesty-humility, emotionality, agreeableness, conscientiousness |
| (Winterheld et al., 2013) | 96 | Intro psychology students who were in a relationship | (+) avoidant attachment (-) partner satisfaction with conflict resolution |
| (Wu et al., 2016) | 431 | Taiwan adolescents  | (-) empathy, perspective-taking |
| (Yip & Martin, 2006) | 111 | Undergrad students University of Western Ontario  | (-) emotional perception, provide emotional support to others, ability to manage conflicts in relationships |
| (Yue et al., 2014) | 337 | City University of Hong Kong (159)Hangzhou Normal University (178) | (+) Hong Kong (-) Hangzhou(ns) emotional loneliness and social loneliness |

**Table 2**

Descriptive Statistics and Intercorrelations

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|   | *M* | *SD* | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 |
| 1. Affiliative Humor | 5.10 | 1.19 | - |   |   |   |   |   |   |   |   |   |   |
| 2. Self-enhancing Humor | 4.78 | 1.09 | 0.49\*\* | - |   |   |   |   |   |   |   |   |   |
| 3. Aggressive Humor | 3.45 | 1.05 | 0.06 | 0.14\*\* | - |   |   |   |   |   |   |   |   |
| 4. Self-defeating Humor | 3.69 | 1.23 | -0.04 | 0.15\*\* | 0.42\*\* | - |   |   |   |   |   |   |   |
| 5. Intrasexual Competition | 2.98 | 1.48 | -0.30\*\* | 0.07 | 0.36\*\* | 0.46\*\* | - |   |   |   |   |   |   |
| 6. Courtship | 4.81 | 1.14 | 0.01 | 0.20\*\* | 0.16\*\* | 0.37\*\* | 0.55\*\* | - |   |   |   |   |   |
| 7. SOI-R | 4.14 | 1.77 | -0.07 | 0.15\*\* | 0.42\*\* | 0.27\*\* | 0.33\*\* | 0.18\*\* | - |   |   |   |   |
| 8. Machiavellianism | 3.10 | 0.86 | -0.17\*\* | 0.02 | 0.49\*\* | 0.32\*\* | 0.61\*\* | 0.42\*\* | 0.41\*\* | - |   |   |   |
| 9. Narcissism | 2.98 | 1.26 | -0.09 | 0.20\*\* | 0.31\*\* | 0.30\*\* | 0.66\*\* | 0.47\*\* | 0.34\*\* | 0.58\*\* | - |   |   |
| 10. Psychopathy | 2.11 | 1.47 | -0.29\*\* | 0.07 | 0.50\*\* | 0.46\*\* | 0.70\*\* | 0.36\*\* | 0.57\*\* | 0.62\*\* | 0.64\*\* | - |   |
| 11. Physical Strength | 50.70 | 24.22 | -.012\* | 0.11\* | 0.16\*\* | 0.14\*\* | 0.37\*\* | 0.21\*\* | 0.26\*\* | 0.45\*\* | 0.33\*\* | 0.40\*\* | - |
| 12. Attractiveness | 52.80 | 23.68 | -0.11\* | 0.09 | 0.14\*\* | 0.09 | 0.40\*\* | 0.26\*\* | 0.23\*\* | 0.54\*\* | 0.36\*\* | 0.37\*\* | 0.68\*\* |
| \*\*. Correlation is significant at the 0.01 level (2-tailed).  |
| \*. Correlation is significant at the 0.05 level (2-tailed).  |

**Table 3**

Regression Analysis on Use of Aggressive Humor

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
|   | Model 1 | Model 2 | Model 3 | Model 4 | Model 5 | Model 6 |
| Intercept  | 2.67 \*\*\*(0.11)  | 2.85 \*\*\*(0.22)  | 2.09 \*\*\*(0.14)  | 2.66 \*\*\*(0.14)  | 2.00 \*\*\*(0.18)  | 2.03 \*\*\* (0.25)  |
| Intrasexual Competition | 0.26 \*\*\*(0.34)  | 0.29 \*\*\*(0.04)  | 0.18 \*\*\*(0.03)  | 0.26 \*\*\*(0.03)  | -0.02 (0.5) | 0.29 (0.50) |
| Courtship |  | -0.50 (0.05) |  |  |  | -0.06 (0.5) |
| SOI-R |  |  | 0.20 \*\*\*(0.03)  |  |  | 0.10 \*\*(0.03)  |
| Physical Strength |  |  |  | -0.00 (0.00) |  | -0.00 (0.00) |
| Attractiveness |  |  |  | -0.00 (0.00) |  | -0.00 (0.00) |
| Machiavellianism |  |  |  |  | 0.39 \*\*\*(0.07)  | 0.38 \*\*\*(0.07)  |
| Narcissism |  |  |  |  | -0.10 (0.05) | -0.05 (0.06) |
| Psychopathy |  |  |  |  | 0.28 \*\*\*(0.05)  | 0.20 \*\*\*(0.05)  |
| *R2* | 0.13 | 0.13 | 0.23 | 0.13 | 0.30 | 0.33 |
| Degrees of Freedom  | 378 | 378 | 378 | 378 | 377 | 378 |
| *Notes.* The first line is unstandardized regression coefficients, followed by standard error in parentheses.  |
| \*\*\*. Correlation is significant at *p* < 0.001 level (2-tailed). |
| \*\*. Correlation is significant at *p* = 0.01 level (2-tailed). |

**Figure 1**

The Procedure of Methods

****

**Figure 2**

*Relationship Correlations with the Motive to Intrasexually Compete and the Use of Aggressive Humor*



**Figure 3**

*The Sex Differences in the Use of Different Types of Humor*



**Figure 4**

Sex Correlations with the Motive to Intrasexually Compete and Tendency to Use Aggressive Humor

****