Table 1. Most common Big Five models

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Taxonomy | Domains | Facets | Reliability | Nom.net. /Number of items | No. of items |  |  |  |
|  |  |  |  |  |  |  |  |  |
| HEXACO-PI-R | | (Lee & Ashton, 2016) | | 100 items | 100\*, 60 |  |  |  |
|  | Humility |  |  |  |  |  |  |  |
|  |  | Sincerity | 0.66 |  |  |  |  |  |
|  |  | Fairness | 0.76 | - Psychopathy (-.66),  - Antisocial behavior (-.44)  (Gaughan, Miller, Lynam, 2012);  + Ethics/Integrity (.22)  (McAbee et al., 2014) | | | |  |
|  |  | Greed Avoidance | 0.81 | - Social Dominance  Orientation (-.45)  (Leone et al., 2012) |  |  |  |  |
|  |  | Modesty | 0.68 |  |  |  |  |  |
|  | Emotionality |  |  |  |  |  |  |  |
|  |  | Fearfulness | 0.70 |  |  |  |  |  |
|  |  | Anxiety | 0.64 |  |  |  |  |  |
|  |  | Dependence | 0.80 |  |  |  |  |  |
|  |  | Sentimentality | 0.70 | - Callous affect (-.68)  (Gaughan et al., 2012);  + Diversity **(**.22**)**  (McAbee, Oswald, Connelly, 2014) | |  |  |  |
|  | Extraversion |  |  |  |  |  |  |  |
|  |  | Social Self-Esteem | 0.67 | + Adaptability / Life skills (.25)  **(**McAbee et al., 2014**)** |  |  |  |  |
|  |  | Social Boldness | 0.76 | + Emision-reduction behavior  (Brick & Lewis, 2014)  + Leadership (.36) (McAbee et al., 2014) | |  |  |  |
|  |  | Sociability | 0.71 |  |  |  |  |  |
|  |  | Liveliness | 0.76 | + Adaptability / Life skills (.25),  + Social responsability (.22),  + Health **(**.21**)** (McAbee et al., 2014) | |  |  |  |
|  | Agreeableness |  |  |  |  |  |  |  |
|  |  | Forgivingness | 0.74 |  |  |  |  |  |
|  |  | Gentleness | 0.66 |  |  |  |  |  |
|  |  | Flexibility | 0.61 |  |  |  |  |  |
|  |  | Patience | 0.79 |  |  |  |  |  |
|  | Conscientiousness |  |  |  |  |  |  |  |
|  |  | Organization | 0.74 |  |  |  |  |  |
|  |  | Diligence | 0.70 | + GPA (.31),  + Adaptability / Life skills (.37),  + Perseverance **(**.50**)**  (McAbee et al., 2014) | |  |  |  |
|  |  | Perfectionism | 0.69 | + Emision-reduction behavior **(**.25**)**  (Brick & Lewis, 2014) |  |  |  |  |
|  |  | Prudence | 0.69 | - Erratic life-style **(**-.58**)**  (Gaughan et al., 2012) |  |  |  |  |
|  | Openness |  |  |  |  |  |  |  |
|  |  | Aesthetic | 0.66 | + Emision-reduction behavior (.33) ,  + Connectedness to nature (.51)  (Brick & Lewis, 2014);  - Right Wing Authoritarism (-.37)  (Leone et al., 2012);  + Continuous learning (.30)  (McAbee, 2014)  + Artistic appreciation (.43)  (McAbee et al, 2014) | | | | |
|  |  | Unconventionality | 0.52 | - Political Conservatism **(**.29**)**  (Brick & Lewis, 2014) |  |  |  |  |
|  |  | Creativity | 0.75 |  |  |  |  |  |
|  |  | Inquisitiveness | 0.66 | + Continuous learning (.30)  **(**McAbee et al, 2014**)** |  |  |  |  |
|  |  |  |  |  |  |  |  |  |
| NEO-PI-r |  | (McCrae et al., 2011) | | 240 items | 240 |  |  |  |
|  | Neuroticism |  |  |  |  |  |  |  |
|  |  | Anxiety | 0.78 | - Fearless dominance (-.49)  (Gaughan et al, 2009) |  |  |  |  |
|  |  | Angry Hostility | 0.75 | + Callous / Manipulation (.29)  + Dysregulation / Disinhibition (.48)  + Anti-social behavior (.26)  (Gaughan et al, 2009) | | | |  |
|  |  | Depression | 0.81 | + Attachment Anxiety (.49),  + Attachment avoidance (.26)  (Noftle & Shaver, 2006);  + Alexithymia (.36)  (Bagby, Taylor, Parker; 1994);  - Satisfaction with life (-.52)  (Schimmack et al., 2004);  + Avoidant attachment style (.32),  + Anxious attachment style (.32) ,  - Secure attachment style (-.39)  (Shaver & Brennan, 1992) | | | | |
|  |  | Self-Consciousness | 0.68 | + Autism-spectrum Quotient (.33)  (Wakabayashi et al., 2006);  + Avoidant attachment style (.32)  (Shaver & Brennan, 1992) | | | | |
|  |  | Impulsiveness | 0.70 | + Alcohol related problems (.29)  (Ruiz, Pincus & Dickinson, 2010) |  |  |  |  |
|  |  | Vulnerability | 0.77 |  |  |  |  |  |
|  | Extraversion |  |  |  |  |  |  |  |
|  |  | Warmth | 0.73 | + Secure attachment style  (Shaver & Brennan, 1992);  - Attachment avoidance (-.26)  (Noftle & Shaver, 2006) | | |  |  |
|  |  | Gregariousness | 0.72 | - Autism-spectrum Quotient (-.43)  **(**Wakabayashi et al., 2006**)** |  |  |  |  |
|  |  | Assertiveness | 0.77 |  |  |  |  |  |
|  |  | Activity | 0.63 |  |  |  |  |  |
|  |  | Excitement Seeking | 0.65 | + Fearless dominance **(**.53**)**  (Gaughan et al, 2009) |  |  |  |  |
|  |  | Positive Emotions | 0.73 | + Satisfaction with life (.40)  (Schimmack et al., 2004);  - Avoidant attachment style (-.30)  (Shaver & Brennan, 1992) | | |  |  |
|  | Openness |  |  |  |  |  |  |  |
|  |  | Fantasy | 0.76 |  |  |  |  |  |
|  |  | Aesthetics | 0.76 |  |  |  |  |  |
|  |  | Feelings | 0.66 | - Alexithymia (-.55) (Bagby et al., 1994) |  |  |  |  |
|  |  | Actions | 0.58 |  |  |  |  |  |
|  |  | Ideas | 0.80 |  |  |  |  |  |
|  |  | Values | 0.67 | + SAT verbal (.26)  **(**Noftle & Robins, 2007**)** |  |  |  |  |
|  | Agreeableness |  |  |  |  |  |  |  |
|  |  | Trust | 0.79 | - Attachment avoidance (-.26)  (Noftle & Shaver, 2006) |  |  |  |  |
|  |  | Straightforwardness  0,71 | | - Interpersonal manipulation (-.75)  (Gaughan et al., 2012);  - Supervisor rating  (Piedmont & Weinstein, 1994);  - Fearless dominance (-.49),  - Dysregulation / Disinhibition (-.49)  (Gaughan et al, 2009) | | | | |
|  |  | Altruism | 0.75 | - Callous affect (-.63),  - Antisocial behavior (-.37)  (Gaughan et al., 2009);  - Antisocial behavior (-.26)  (Gaughan, et al., 2012) | | | |  |
|  |  | Compliance | 0.59 |  |  |  |  |  |
|  |  | Modesty | 0.67 |  |  |  |  |  |
|  |  | Tender-Mindedness | 0.56 | - Callous affect **(**-.56**)**  (Gaughan et al., 2012) |  |  |  |  |
|  | Conscientiousness |  |  |  |  |  |  |  |
|  |  | Competence | 0.67 |  |  |  |  |  |
|  |  | Order | 0.66 |  |  |  |  |  |
|  |  | Dutifulness | 0.62 | - Dysregulation / Disinhibition (-.49)  **(**Gaughan et al, 2009**)** |  |  |  |  |
|  |  | Achievement Striving | 0.67 | + Supervisor rating (.23)  (Piedmont & Weinstein, 1994) |  |  |  |  |
|  |  | Self-Discipline | 0.75 | - Attachment anxiety (-.35)  (Noftle & Shaver, 2006);  - Dysregulation / Disinhibition (-.51)  (Gaughan et. al, 2009) | | |  |  |
|  |  | Deliberation | 0.71 | - Erratic life-style (-.57)  (Gaughan et al., 2012);  - Alcohol related problems (-.38)  (Ruiz et al., 2010) | |  |  |  |
|  |  |  |  |  |  |  |  |  |
| BFI-2 |  | (Soto & John, 2016) | | 60 items | 60 |  |  |  |
|  | Extraversion |  |  |  |  |  |  |  |
|  |  | Sociability | 0.83 | - Conformity (-.36),  - Tradition (-.24), +  Stimulation (.21),  + Positive affect **(**.32**)**  (Soto & John, 2016) | |  |  |  |
|  |  | Assertiveness | 0.80 | + Power **(**Soto & John, 2016**)** |  |  |  |  |
|  |  | Energy level | 0.74 | + Purpose in life (.53),  + Self-acceptance (.53),  + Social connectedness **(**.33**)**  (Soto & John, 2016) | |  |  |  |
|  | Agreeableness |  |  |  |  |  |  |  |
|  |  | Compassion | 0.68 | + Benevolence (.47),  - Power (-.44),  + Positive relations **(**.41**)**  (Soto & John, 2016) |  |  |  |  |
|  |  | Respectfulness | 0.66 | + Conformity **(**.39**)** (Soto & John, 2016) |  |  |  |  |
|  |  | Trust | 0.75 | + Universalism (.21), + Likability **(**.25**)** (Soto & John, 2016) |  |  |  |  |
|  | Conscientiousness |  |  |  |  |  |  |  |
|  |  | Organization | 0.76 | + Security **(**.30**)** (Soto & John, 2016) |  |  |  |  |
|  |  | Productiveness | 0.74 | - Hedonism (-.35),  + Achievement (.26),  + Environmental mastery (.56)  (Soto & John, 2016) | |  |  |  |
|  |  | Responsability | 0.68 | - Stimulation,  + Autonomy (Soto & John, 2016) |  |  |  |  |
|  | Negative Emotionality |  |  |  |  |  |  |  |
|  |  | Anxiety | 0.79 | - Autonomy **(**-.32**)** (Soto & John, 2016) |  |  |  |  |
|  |  | Depression | 0.74 | - Positive relations (-.56),  - Purpose in life (-.55),  - Environmental mastery (-.65),  -Self-acceptance(-.68),  - Positive affect **(**-.42**)**  (Soto & John, 2016) | | | | |
|  |  | Emotional Volatility | 0.70 | - Stress resistance **(**Soto & John, 2016**)** |  |  |  |  |
|  | Open-mindedness |  |  |  |  |  |  |  |
|  |  | Intellectual curiosity | 0.78 | + Self-direction (.44),  + Personal growth **(**.50**)**  (Soto & John, 2016) |  |  |  |  |
|  |  | Aesthetic Sensitivity | 0.67 |  |  |  |  |  |
|  |  | Creative Imagination | 0.67 |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |
| IPIP-NEO-120 | | (Johnson, 2014) | | 120 items | 120 |  |  |  |
|  | Neuroticism |  |  |  |  |  |  |  |
|  |  | Anxiety | 0.78 |  |  |  |  |  |
|  |  | Anger | 0.87 |  |  |  |  |  |
|  |  | Depression | 0.85 |  |  |  |  |  |
|  |  | Self-Consciousness | 0.74 |  |  |  |  |  |
|  |  | Inmoderation | 0.72 | + Hangover symptoms **(**.35**)**  (McAdams & Donnellan, 2009) |  |  |  |  |
|  |  | Vulnerability | 0.76 |  |  |  |  |  |
|  | Extraversion |  |  |  |  |  |  |  |
|  |  | Friendliness | 0.81 |  |  |  |  |  |
|  |  | Gregariousness | 0.79 |  |  |  |  |  |
|  |  | Assertiveness | 0.85 |  |  |  |  |  |
|  |  | Activity Level | 0.71 |  |  |  |  |  |
|  |  | Excitement Seeking | 0.77 | + Alcohol Use (.45),  + Drinking problems **(**.37**)**  (McAdams & Donnellan, 2009) |  |  |  |  |
|  |  | Cheerfulness | 0.80 | + Addictive mobile phone  usage style **(**.28**)** (Siddiqui, 2011) |  |  |  |  |
|  | Openness to Experience |  |  |  |  |  |  |  |
|  |  | Imagination | 0.83 |  |  |  |  |  |
|  |  | Aesthetics | 0.76 |  |  |  |  |  |
|  |  | Emotionality | 0.69 |  |  |  |  |  |
|  |  | Adventurousness | 0.72 |  |  |  |  |  |
|  |  | Intellect | 0.75 |  |  |  |  |  |
|  |  | Liberalism | 0.64 | + Trendy mobile phone  usage style **(**.31**)** (Siddiqui, 2011) |  |  |  |  |
|  | Agreeableness |  |  |  |  |  |  |  |
|  |  | Trust | 0.86 |  |  |  |  |  |
|  |  | Morality | 0.76 | + Thrifty mobile phone  usage style (.48) (Siddiqui, 2011) |  |  |  |  |
|  |  | Altruism | 0.76 |  |  |  |  |  |
|  |  | Cooperation | 0.73 |  |  |  |  |  |
|  |  | Modesty | 0.76 |  |  |  |  |  |
|  |  | Sympathy | 0.72 |  |  |  |  |  |
|  | Conscientiousness |  |  |  |  |  |  |  |
|  |  | Self-Efficacy | 0.63 |  |  |  |  |  |
|  |  | Orderliness | 0.83 |  |  |  |  |  |
|  |  | Dutifulness | 0.69 |  |  |  |  |  |
|  |  | Achievement-striving | 0.80 | + Academic Performance **(**.23**)**  (Rosander, Bäckström & Sternberg, 2011) |  |  |  |  |
|  |  | Self-Discipline | 0.73 | + General health behaviors (.27)  (Hagger-Johnson & Whiteman, 2007) |  |  |  |  |
|  |  | Cautiousness | 0.87 |  |  |  |  |  |

Note: Reliability stands for internal consistency estimates (Cronbach’s α), retrieved from sources cited in the reliability column. Nom.net stands for nomological network. Coefficients in the nom.net column represent Pearson *r* coefficients. Numbers in the initial row of the predictive validity column represent number of items.