

Table 1. Influential instruments of the Big Five at the facet level

| Taxonomy | Domains | Facets | Reliability | Validity | No. of items |
|-------------|-------------------|--------------------|----------------------|---|--------------|
| HEXACO-PI-R | | | (Lee & Ashton, 2016) | | 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, Chirumbolo, Desimoni, 2012) | |
| | | Modesty | 0.68 | | |
| | Emotionality | Fearfulness | 0.7 | | |
| | | Anxiety | 0.64 | | |
| | | Dependence | 0.8 | | |
| | | Sentimentality | 0.7 | - 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 | + Emission-reduction behavior (Brick & Lewis, 2014) + Leadership (.36) (McAbee et al., 2014) | |
| | | Sociability | 0.71 | | |
| | | Liveliness | 0.76 | + Adaptability / Life skills (.25), + Social responsibility (.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 | 0.7 | + GPA (.31), + Adaptability / Life skills (.37), + Perseverance (.50) (McAbee et al., 2014) | |
| | | Perfectionism | 0.69 | + Emission-reduction behavior (.25) (Brick & Lewis, 2014) | |
| | | Prudence | 0.69 | - Erratic life-style (-.58) (Gaughan et al., 2012) | |
| | Openness | | | | |

Table 1. Influential instruments of the Big Five at the facet level (*continued*)

| Taxonomy | Domains | Facets | Reliability | Validity | No. of items |
|----------|--------------|-----------------------|-------------|---|--------------|
| NEO-PI-r | Neuroticism | Aesthetic | 0.66 | + Emission-reduction behavior (.33) , + Connectedness to nature (.51) (Brick & Lewis, 2014); - Right Wing Authoritarianism (-.37) (Leone et al., 2012);+ Continuous learning (.30) (McAbee, 2014) + Artistic appreciation (.43) (McAbee et al, 2014) | 240 |
| | | Unconventionality | 0.52 | - Political Conservatism (.29) (Brick & Lewis, 2014) | |
| | | Creativity | 0.75 | | |
| | | Inquisitiveness | 0.66 | + Continuous learning (.30) (McAbee et al, 2014) | |
| | | (McCrae et al., 2011) | | | |
| | | 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) (Nofle & 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, Baron-Cohen, Wheelwright, 2006); + Avoidant attachment style (.32) (Shaver & Brennan, 1992) | |
| | | Impulsiveness | 0.7 | + Alcohol related problems (.29) (Ruiz, Pincus & Dickinson, 2010) | |
| | Extraversion | Vulnerability | 0.77 | | |
| | | Warmth | 0.73 | + Secure attachment style (Shaver & Brennan, 1992); - Attachment avoidance (-.26) (Nofle & 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) | |

Table 1. Influential instruments of the Big Five at the facet level (*continued*)

| Taxonomy | Domains | Facets | Reliability | Validity | No. of items | |
|----------|-------------------|----------------------|-------------|---|--------------|--|
| BFI-2 | Openness | Positive Emotions | 0.73 | + Satisfaction with life (.40) (Schimmack et al., 2004); - Avoidant attachment style (-.30) (Shaver & Brennan, 1992) | 60 | |
| | | Fantasy | 0.76 | - Alexithymia (-.55) (Bagby et al., 1994) | | |
| | | Aesthetics | 0.76 | | | |
| | | Feelings | 0.66 | | | |
| | | Actions | 0.58 | | | |
| | | Ideas | 0.8 | | | |
| | | 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 | - Callous affect (-.56) (Gaughan et al., 2012) | | |
| | | Modesty | 0.67 | | | |
| | | Tender-Mindedness | 0.56 | | | |
| | Conscientiousness | Competence | 0.67 | | | - Dysregulation / Disinhibition (-.49) (Gaughan et al, 2009) |
| | | Order | 0.66 | | | |
| | | Dutifulness | 0.62 | + Supervisor rating (.23) (Piedmont & Weinstein, 1994) | | |
| | | Achievement Striving | 0.67 | - Attachment anxiety (-.35) (Noftle & Shaver, 2006); - Dysregulation / Disinhibition (-.51) (Gaughan et. al, 2009) | | |
| | | Self-Discipline | 0.75 | - Erratic life-style (-.57) (Gaughan et al., 2012); - Alcohol related problems (-.38) (Ruiz et al., 2010) | | |
| | | Deliberation | 0.71 | | | |
| | | | | (Soto & John, 2016) | | |
| | Extraversion | Sociability | 0.83 | - Conformity (-.36), - Tradition (-.24), + Stimulation (.21), + Positive affect (.32)(Soto & John, 2016) | | |
| | | Assertiveness | 0.8 | + Power (Soto & John, 2016) | | |

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| Taxonomy | Domains | Facets | Reliability | Validity | No. of items |
|----------------------|-----------------|------------------------|-----------------|---|--------------|
| IPIP- NEO- 120 | Agreeableness | Energy level | 0.74 | + Purpose in life (.53), + Self-acceptance (.53), + Social connectedness (.33) (Soto & John, 2016) | 120 |
| | | 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 | 0.7 | - 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 | | |
| | | | | | |
| | Neuroticism | | (Johnson, 2014) | | |
| | | 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 | | |

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| Taxonomy | Domains | Facets | Reliability | Validity | No. of items |
|----------|------------------------|----------------------|-------------|--|--------------|
| | | Gregariousness | 0.79 | | |
| | | Assertiveness | 0.85 | | |
| | | Activity Level | 0.71 | | |
| | | Excitement | 0.77 | + Alcohol Use (.45), + Drinking problems (.37) (McAdams & Donnellan, 2009) | |
| | | Seeking | | | |
| | | Cheerfulness | 0.8 | + Addictive mobile phone usage style (.28) (Siddiqui, 2011) | |
| | Openness to Experience | | | | |
| | | Imagination | 0.83 | | |
| | | Artistic interests | 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 | 0.8 | + Academic Performance (.23) (Rosander, Bäckström & Sternberg, 2011) | |
| | | Self-Discipline | 0.73 | + General health behaviors (.27) (Hagger-Johnson & Whiteman, 2007) | |
| | | Cautiousness | 0.87 | | |

Note:

Reliability: Cronbach's alpha measures, retrieved from references in the reliability column

Validity: criterion (correlation coefficient) and reference. The most important criterion per reference has been retrieved in the table, one per direct and one per inverse relations. $r > .20$ to be included in the table