**Supplementary Table S4. Psychological and Neurocognitive Traits Associated with Eating Disorders**

| **Trait** | **Anorexia Nervosa** | **Bulimia Nervosa** | **Binge-Eating Disorder** | **Source** |
| --- | --- | --- | --- | --- |
| Alexithymia | Pinna, Sanna, & Carpiniello, 2015 |  |  | SR |
| Attachment insecurity | Gander, Sevecke, & Buchheim, 2015; Jewell et al., 2016; Tasca & Balfour, 2014 | Gander et al., 2015; Tasca & Balfour, 2014 | Gander et al., 2015; Tasca & Balfour, 2014 | SR |
| Weak central coherence | Lang, Lopez, Stahl, Tchanturia, & Treasure, 2014 | Lang et al., 2014 |  | SR, MA |
| Attentional, information processing, and memory biases |  |  | Kittel, Brauhardt, & Hilbert, 2015; Voon, 2015 | SR |
| Altered decision making | Guillaume et al., 2015; Mudan Wu et al., 2016 | Guillaume et al., 2015; Mudan Wu et al., 2016 | Voon, 2015; Mudan Wu et al., 2016 | SR, MA |
| Emotion dysregulation | D’Agostino, Covanti, Rossi Monti, & Starcevic, 2017; Lavender et al., 2015; Oldershaw, Lavender, Sallis, Stahl, & Schmidt, 2015 | D’Agostino et al., 2017; Lavender et al., 2015 | Kittel et al., 2015; Nicholls, Devonport, & Blake, 2016; Schulte, Grilo, & Gearhardt, 2016 | CR; NR; MA |
| Impulsivity |  | Pearson, Riley, Davis, & Smith, 2014 | Schulte et al., 2016 |  |
| Impaired inhibitory control | Wu, Hartmann, Skunde, Herzog, & Friederich, 2013 | Mudan Wu et al., 2013 | Lavagnino, Arnone, Cao, Soares, & Selvaraj, 2016; Mudan Wu et al., 2013 | SR, MA |
| Difficulties in recognition of emotions (mentalization) | Jewell et al., 2016 |  |  | SR |
| Facial expression differences | Reduced expressiveness (Davies et al., 2016) | Mixed results (Davies et al., 2016) |  | SR, MA |
| Negative urgency |  | Culbert, Racine, & Klump, 2015; Pearson et al., 2014 | Culbert et al., 2015 | SR |
| High levels of perfectionism | Limburg, Watson, Hagger, & Egan, 2016; Rotella, Fioravanti, & Ricca, 2016 | Limburg et al., 2016; Rotella et al., 2016 |  | NR; MA |
| Obsessive-compulsive personality traits | Crane, Roberts, & Treasure, 2007 | Pearson, Wonderlich, & Smith, 2015 |  | SR |
| Reward | Aberrant  (O’Hara, Campbell, & Schmidt, 2015) |  | Dysfunction  (Schulte et al., 2016) | NR |
| Difficulties with set shifting | Van Autreve & Vervaet, 2015; Wu et al., 2014 | Wu et al., 2014 | Wu et al., 2014 | SR, MA |
| Low self-esteem | Jenkins, Hoste, Meyer, & Blissett, 2011 | Jenkins et al., 2011 | Jenkins et al., 2011 | SR |
| Temperament | Increased persistence, harm avoidance (Atiye, Miettunen, & Raevuori-Helkamaa, 2015) | Increased persistence, novelty seeking, harm avoidance (Atiye et al., 2015) | Increased harm avoidance  (Atiye et al., 2015) | MA |

SR: Systematic review; NR: Narrative review; MA: Meta-analysis; CR: Conceptual review

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