| Variable 1 | Variable 2 | Correlation | pvalue |
| --- | --- | --- | --- |
| Age [years] | PHQ9 score | -0.21 | < 2e-16 |
| BMI [kg/m2] | PHQ9 score | 0.06 | < 2e-16 |
| Height [m] | PHQ9 score | -0.01 | 1.36e-01 |
| Gender | PHQ9 score | 0.05 | < 2e-16 |
| Ethnicity | PHQ9 score | 0.07 | < 2e-16 |
| Sexual orientation | PHQ9 score | 0.19 | < 2e-16 |
| Highest education | PHQ9 score | -0.22 | < 2e-16 |
| Major depressive disorder | PHQ9 score | 0.25 | < 2e-16 |
| Generalised anxiety disorder | PHQ9 score | 0.14 | < 2e-16 |
| Social anxiety | PHQ9 score | 0.29 | < 2e-16 |
| Specific phobia | PHQ9 score | 0.08 | < 2e-16 |
| Agoraphobia | PHQ9 score | 0.17 | < 2e-16 |
| Panic disorder | PHQ9 score | 0.21 | < 2e-16 |
| Panic attacks | PHQ9 score | 0.20 | < 2e-16 |
| Bipolar disorder | PHQ9 score | 0.15 | < 2e-16 |
| Obsessive-compulsive disorder | PHQ9 score | 0.15 | < 2e-16 |
| Body dysmorphic disorder | PHQ9 score | 0.22 | < 2e-16 |
| Anorexia nervosa | PHQ9 score | 0.14 | < 2e-16 |
| Atypical anorexia nervosa | PHQ9 score | 0.19 | < 2e-16 |
| Bulimia nervosa | PHQ9 score | 0.14 | < 2e-16 |
| Binge-eating disorder | PHQ9 score | 0.22 | < 2e-16 |
| BMI [kg/m2] | Age [years] | 0.26 | < 2e-16 |
| Height [m] | Age [years] | 0.01 | 7.60e-02 |
| Gender | Age [years] | 0.04 | < 2e-16 |
| Ethnicity | Age [years] | -0.19 | < 2e-16 |
| Sexual orientation | Age [years] | -0.40 | < 2e-16 |
| Highest education | Age [years] | -0.02 | < 2e-16 |
| Major depressive disorder | Age [years] | 0.11 | < 2e-16 |
| Generalised anxiety disorder | Age [years] | -0.14 | < 2e-16 |
| Social anxiety | Age [years] | -0.15 | < 2e-16 |
| Specific phobia | Age [years] | -0.01 | < 2e-16 |
| Agoraphobia | Age [years] | 0.10 | < 2e-16 |
| Panic disorder | Age [years] | -0.07 | < 2e-16 |
| Panic attacks | Age [years] | -0.10 | < 2e-16 |
| Bipolar disorder | Age [years] | 0.09 | < 2e-16 |
| Obsessive-compulsive disorder | Age [years] | -0.10 | < 2e-16 |
| Body dysmorphic disorder | Age [years] | -0.24 | < 2e-16 |
| Anorexia nervosa | Age [years] | -0.14 | < 2e-16 |
| Atypical anorexia nervosa | Age [years] | -0.32 | < 2e-16 |
| Bulimia nervosa | Age [years] | -0.12 | < 2e-16 |
| Binge-eating disorder | Age [years] | -0.03 | < 2e-16 |
| Height [m] | BMI [kg/m2] | -0.11 | < 2e-16 |
| Gender | BMI [kg/m2] | -0.13 | < 2e-16 |
| Ethnicity | BMI [kg/m2] | -0.14 | < 2e-16 |
| Sexual orientation | BMI [kg/m2] | -0.07 | < 2e-16 |
| Highest education | BMI [kg/m2] | -0.07 | < 2e-16 |
| Major depressive disorder | BMI [kg/m2] | 0.20 | < 2e-16 |
| Generalised anxiety disorder | BMI [kg/m2] | 0.03 | < 2e-16 |
| Social anxiety | BMI [kg/m2] | 0.03 | < 2e-16 |
| Specific phobia | BMI [kg/m2] | 0.03 | < 2e-16 |
| Agoraphobia | BMI [kg/m2] | 0.07 | < 2e-16 |
| Panic disorder | BMI [kg/m2] | 0.00 | < 2e-16 |
| Panic attacks | BMI [kg/m2] | 0.05 | < 2e-16 |
| Bipolar disorder | BMI [kg/m2] | 0.07 | < 2e-16 |
| Obsessive-compulsive disorder | BMI [kg/m2] | -0.01 | < 2e-16 |
| Body dysmorphic disorder | BMI [kg/m2] | -0.15 | < 2e-16 |
| Anorexia nervosa | BMI [kg/m2] | -0.37 | < 2e-16 |
| Atypical anorexia nervosa | BMI [kg/m2] | -0.28 | < 2e-16 |
| Bulimia nervosa | BMI [kg/m2] | -0.08 | < 2e-16 |
| Binge-eating disorder | BMI [kg/m2] | 0.28 | < 2e-16 |
| Gender | Height [m] | 0.56 | < 2e-16 |
| Ethnicity | Height [m] | -0.08 | < 2e-16 |
| Sexual orientation | Height [m] | 0.04 | < 2e-16 |
| Highest education | Height [m] | 0.03 | < 2e-16 |
| Major depressive disorder | Height [m] | -0.01 | < 2e-16 |
| Generalised anxiety disorder | Height [m] | -0.04 | < 2e-16 |
| Social anxiety | Height [m] | 0.01 | < 2e-16 |
| Specific phobia | Height [m] | -0.07 | < 2e-16 |
| Agoraphobia | Height [m] | -0.04 | < 2e-16 |
| Panic disorder | Height [m] | -0.03 | < 2e-16 |
| Panic attacks | Height [m] | -0.09 | < 2e-16 |
| Bipolar disorder | Height [m] | 0.03 | < 2e-16 |
| Obsessive-compulsive disorder | Height [m] | -0.02 | < 2e-16 |
| Body dysmorphic disorder | Height [m] | -0.07 | < 2e-16 |
| Anorexia nervosa | Height [m] | -0.13 | < 2e-16 |
| Atypical anorexia nervosa | Height [m] | -0.08 | < 2e-16 |
| Bulimia nervosa | Height [m] | -0.10 | < 2e-16 |
| Binge-eating disorder | Height [m] | -0.05 | < 2e-16 |
| Ethnicity | Gender | 0.04 | 0e+00 |
| Sexual orientation | Gender | 0.30 | < 2e-16 |
| Highest education | Gender | -0.07 | < 2e-16 |
| Major depressive disorder | Gender | -0.01 | 3.00e-02 |
| Generalised anxiety disorder | Gender | -0.08 | 0e+00 |
| Social anxiety | Gender | 0.06 | 0e+00 |
| Specific phobia | Gender | -0.10 | 0e+00 |
| Agoraphobia | Gender | -0.05 | 0.00e+00 |
| Panic disorder | Gender | -0.04 | 0e+00 |
| Panic attacks | Gender | -0.14 | < 2e-16 |
| Bipolar disorder | Gender | 0.06 | 5.03e-01 |
| Obsessive-compulsive disorder | Gender | -0.01 | 0e+00 |
| Body dysmorphic disorder | Gender | -0.04 | < 2e-16 |
| Anorexia nervosa | Gender | -0.23 | < 2e-16 |
| Atypical anorexia nervosa | Gender | -0.11 | 0e+00 |
| Bulimia nervosa | Gender | -0.25 | < 2e-16 |
| Binge-eating disorder | Gender | -0.12 | 0e+00 |
| Sexual orientation | Ethnicity | 0.07 | 0e+00 |
| Highest education | Ethnicity | 0.04 | 0e+00 |
| Major depressive disorder | Ethnicity | -0.14 | 0e+00 |
| Generalised anxiety disorder | Ethnicity | -0.10 | 0.00e+00 |
| Social anxiety | Ethnicity | -0.03 | 1.00e-03 |
| Specific phobia | Ethnicity | -0.01 | 3.20e-02 |
| Agoraphobia | Ethnicity | 0.00 | 3.00e-03 |
| Panic disorder | Ethnicity | -0.04 | 1.78e-01 |
| Panic attacks | Ethnicity | -0.03 | 0e+00 |
| Bipolar disorder | Ethnicity | 0.04 | 2.00e-02 |
| Obsessive-compulsive disorder | Ethnicity | 0.00 | 8.10e-02 |
| Body dysmorphic disorder | Ethnicity | 0.03 | 2.68e-01 |
| Anorexia nervosa | Ethnicity | 0.02 | 1.62e-01 |
| Atypical anorexia nervosa | Ethnicity | 0.06 | 6.48e-01 |
| Bulimia nervosa | Ethnicity | 0.02 | 7.24e-01 |
| Binge-eating disorder | Ethnicity | 0.00 | 6.80e-01 |
| Highest education | Sexual orientation | -0.03 | < 2e-16 |
| Major depressive disorder | Sexual orientation | 0.06 | 3.00e-03 |
| Generalised anxiety disorder | Sexual orientation | 0.07 | 0e+00 |
| Social anxiety | Sexual orientation | 0.15 | 0e+00 |
| Specific phobia | Sexual orientation | 0.06 | 1.00e-03 |
| Agoraphobia | Sexual orientation | 0.00 | 2.39e-01 |
| Panic disorder | Sexual orientation | 0.07 | 9.60e-02 |
| Panic attacks | Sexual orientation | 0.08 | 0e+00 |
| Bipolar disorder | Sexual orientation | 0.07 | 2.37e-01 |
| Obsessive-compulsive disorder | Sexual orientation | 0.08 | 9.74e-01 |
| Body dysmorphic disorder | Sexual orientation | 0.19 | 0e+00 |
| Anorexia nervosa | Sexual orientation | 0.09 | 1.00e-03 |
| Atypical anorexia nervosa | Sexual orientation | 0.23 | 1.30e-02 |
| Bulimia nervosa | Sexual orientation | 0.08 | 0e+00 |
| Binge-eating disorder | Sexual orientation | 0.10 | 0e+00 |
| Major depressive disorder | Highest education | -0.04 | 0e+00 |
| Generalised anxiety disorder | Highest education | -0.01 | 3.50e-02 |
| Social anxiety | Highest education | -0.19 | 3.00e-03 |
| Specific phobia | Highest education | -0.07 | 8.01e-01 |
| Agoraphobia | Highest education | -0.19 | 3.10e-02 |
| Panic disorder | Highest education | -0.17 | 4.90e-02 |
| Panic attacks | Highest education | -0.14 | 6.30e-02 |
| Bipolar disorder | Highest education | -0.08 | 9.00e-03 |
| Obsessive-compulsive disorder | Highest education | -0.09 | 9.52e-01 |
| Body dysmorphic disorder | Highest education | -0.04 | 0e+00 |
| Anorexia nervosa | Highest education | -0.02 | 0e+00 |
| Atypical anorexia nervosa | Highest education | -0.01 | 1.00e-03 |
| Bulimia nervosa | Highest education | 0.01 | 2.39e-01 |
| Binge-eating disorder | Highest education | -0.01 | 7.95e-01 |
| Generalised anxiety disorder | Major depressive disorder | 0.31 | NA |
| Social anxiety | Major depressive disorder | 0.24 | NA |
| Specific phobia | Major depressive disorder | 0.03 | NA |
| Agoraphobia | Major depressive disorder | 0.14 | NA |
| Panic disorder | Major depressive disorder | 0.06 | NA |
| Panic attacks | Major depressive disorder | 0.23 | NA |
| Bipolar disorder | Major depressive disorder | 0.15 | NA |
| Obsessive-compulsive disorder | Major depressive disorder | 0.09 | NA |
| Body dysmorphic disorder | Major depressive disorder | 0.25 | NA |
| Anorexia nervosa | Major depressive disorder | 0.12 | NA |
| Atypical anorexia nervosa | Major depressive disorder | 0.16 | NA |
| Bulimia nervosa | Major depressive disorder | 0.19 | NA |
| Binge-eating disorder | Major depressive disorder | 0.28 | NA |
| Social anxiety | Generalised anxiety disorder | 0.40 | NA |
| Specific phobia | Generalised anxiety disorder | 0.27 | NA |
| Agoraphobia | Generalised anxiety disorder | 0.33 | NA |
| Panic disorder | Generalised anxiety disorder | 0.42 | NA |
| Panic attacks | Generalised anxiety disorder | 0.53 | NA |
| Bipolar disorder | Generalised anxiety disorder | 0.01 | NA |
| Obsessive-compulsive disorder | Generalised anxiety disorder | 0.31 | NA |
| Body dysmorphic disorder | Generalised anxiety disorder | 0.23 | NA |
| Anorexia nervosa | Generalised anxiety disorder | 0.10 | NA |
| Atypical anorexia nervosa | Generalised anxiety disorder | 0.15 | NA |
| Bulimia nervosa | Generalised anxiety disorder | 0.08 | NA |
| Binge-eating disorder | Generalised anxiety disorder | 0.16 | NA |
| Specific phobia | Social anxiety | 0.32 | NA |
| Agoraphobia | Social anxiety | 0.51 | NA |
| Panic disorder | Social anxiety | 0.49 | NA |
| Panic attacks | Social anxiety | 0.45 | NA |
| Bipolar disorder | Social anxiety | 0.19 | NA |
| Obsessive-compulsive disorder | Social anxiety | 0.28 | NA |
| Body dysmorphic disorder | Social anxiety | 0.35 | NA |
| Anorexia nervosa | Social anxiety | 0.16 | NA |
| Atypical anorexia nervosa | Social anxiety | 0.16 | NA |
| Bulimia nervosa | Social anxiety | 0.14 | NA |
| Binge-eating disorder | Social anxiety | 0.29 | NA |
| Agoraphobia | Specific phobia | 0.42 | NA |
| Panic disorder | Specific phobia | 0.40 | NA |
| Panic attacks | Specific phobia | 0.36 | NA |
| Bipolar disorder | Specific phobia | 0.10 | NA |
| Obsessive-compulsive disorder | Specific phobia | 0.34 | NA |
| Body dysmorphic disorder | Specific phobia | 0.23 | NA |
| Anorexia nervosa | Specific phobia | 0.11 | NA |
| Atypical anorexia nervosa | Specific phobia | 0.19 | NA |
| Bulimia nervosa | Specific phobia | 0.11 | NA |
| Binge-eating disorder | Specific phobia | 0.22 | NA |
| Panic disorder | Agoraphobia | 0.58 | NA |
| Panic attacks | Agoraphobia | 0.53 | NA |
| Bipolar disorder | Agoraphobia | 0.21 | NA |
| Obsessive-compulsive disorder | Agoraphobia | 0.28 | NA |
| Body dysmorphic disorder | Agoraphobia | 0.20 | NA |
| Anorexia nervosa | Agoraphobia | 0.13 | NA |
| Atypical anorexia nervosa | Agoraphobia | 0.13 | NA |
| Bulimia nervosa | Agoraphobia | 0.13 | NA |
| Binge-eating disorder | Agoraphobia | 0.20 | NA |
| Panic attacks | Panic disorder | 0.67 | NA |
| Bipolar disorder | Panic disorder | 0.19 | NA |
| Obsessive-compulsive disorder | Panic disorder | 0.33 | NA |
| Body dysmorphic disorder | Panic disorder | 0.26 | NA |
| Anorexia nervosa | Panic disorder | 0.13 | NA |
| Atypical anorexia nervosa | Panic disorder | 0.18 | NA |
| Bulimia nervosa | Panic disorder | 0.17 | NA |
| Binge-eating disorder | Panic disorder | 0.26 | NA |
| Bipolar disorder | Panic attacks | 0.16 | NA |
| Obsessive-compulsive disorder | Panic attacks | 0.30 | NA |
| Body dysmorphic disorder | Panic attacks | 0.28 | NA |
| Anorexia nervosa | Panic attacks | 0.12 | NA |
| Atypical anorexia nervosa | Panic attacks | 0.17 | NA |
| Bulimia nervosa | Panic attacks | 0.16 | NA |
| Binge-eating disorder | Panic attacks | 0.23 | NA |
| Obsessive-compulsive disorder | Bipolar disorder | 0.23 | NA |
| Body dysmorphic disorder | Bipolar disorder | 0.21 | NA |
| Anorexia nervosa | Bipolar disorder | 0.13 | NA |
| Atypical anorexia nervosa | Bipolar disorder | 0.14 | NA |
| Bulimia nervosa | Bipolar disorder | 0.20 | NA |
| Binge-eating disorder | Bipolar disorder | 0.27 | NA |
| Body dysmorphic disorder | Obsessive-compulsive disorder | 0.37 | NA |
| Anorexia nervosa | Obsessive-compulsive disorder | 0.27 | NA |
| Atypical anorexia nervosa | Obsessive-compulsive disorder | 0.19 | NA |
| Bulimia nervosa | Obsessive-compulsive disorder | 0.23 | NA |
| Binge-eating disorder | Obsessive-compulsive disorder | 0.24 | NA |
| Anorexia nervosa | Body dysmorphic disorder | 0.58 | NA |
| Atypical anorexia nervosa | Body dysmorphic disorder | 0.56 | NA |
| Bulimia nervosa | Body dysmorphic disorder | 0.55 | NA |
| Binge-eating disorder | Body dysmorphic disorder | 0.39 | NA |
| Atypical anorexia nervosa | Anorexia nervosa | 0.45 | NA |
| Bulimia nervosa | Anorexia nervosa | 0.62 | NA |
| Binge-eating disorder | Anorexia nervosa | 0.25 | NA |
| Bulimia nervosa | Atypical anorexia nervosa | 0.56 | NA |
| Binge-eating disorder | Atypical anorexia nervosa | 0.30 | NA |
| Binge-eating disorder | Bulimia nervosa | 0.49 | NA |