**Supplementary Table 4.** Pearson's correlations between extracted eigenvalues of the main results and clinical variables.

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
|  | Main analysis  Areas, coordinates (x,y,z) | | | PPI analysis  Areas, coordinates (x,y,z) | | Resting state  Areas, coordinates (x,y,z) |
|  | dPCC  (0, -34,44) | Precuneus  (0,-60,42) | vPCC  (6,-48,36) | Anterior cingulate cortex  (4,46,4; seed: dPCC) | Middle temporal gyrus (-60,-36,0; seed: precuneus) | Angular gyrus  (34,-62,48; seed: dPCC) |
| Age at onset | *r*=-0.30; p=0.21 | *r*=-0.19; p=0.42 | *r*=-0.15; p=0.52 | *r*=-0.03; p=0.89 | *r*=-0.36; p=0.12 | *r*=0.07; p=0.77 |
| Illness duration | *r*=0.15; p=0.52 | *r*=0.08; p=0.76 | *r*=-0.01; p=0.96 | *r*=0.16; p=0.51 | *r*=0.54; p=0.01\* | *r*=0.21; p=0.36 |
| Drive for thinness (EDI-2) | r=-0.06; p=0.81 | *r*=0.23; p=0.32 | *r*=0.19; p=0.43 | *r*=-0.13; p=0.58 | *r*=0.15; p=0.52 | *r*=-0.11; p=0.63 |
| Body distortion (EDI-2) | *r*=0.05; p=0.83 | *r*=0.28; p=0.24 | *r*=0.25; p=0.29 | *r*=-0.09; p=0.70 | *r*=-0.003; p=0.99 | *r*=-0.20; p=0.39 |
| Interceptive awareness (EDI-2) | *r*=-0.08; p=0.73 | *r*=0.20; p=0.40 | *r*=0.26; p=0.27 | *r*=0.12; p=0.61 | *r*=-0.11; p=0.64 | *r*=-0.36; p=0.12 |
| Harm avoidance (TCI-R) | *r*=-0.14; p=0.55 | *r*=-0.19; p=0.41 | *r*=-0.25; p=0.29 | *r*=0.04; p=0.86 | *r*=0.30; p=0.20 | *r*=0.13; p=0.58 |
| Self-perceived body-shape (CCQ) | *r*=-0.32; p=0.18 | *r*=-0.24; p=0.33 | *r*=-0.40; p=0.09 | *r*=-0.06; p=0.80 | *r*=0.21; p=0.39 | *r*=-0.01; p=0.95 |
| Ideal body-shape (CCQ) | *r*=0.39; p=0.09 | *r*=0.16; p=0.51 | *r*=0.17; p=0.46 | *r*=-0.12; p=0.61 | *r*=0.12; p=0.63 | *r*=0.03; p=0.89 |

\* p value<0.05. Bonferroni correction: p<.001. dPCC: dorsal posterior cingulate cortex, vPCC: ventral posterior cingulate cortex.