Table S1 correlations between BAI/BDI and CIAS/Hours spent on Internet gaming per week/craving

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| 　 | 　 | CIAS | Hours spent on Internet gaming per week | craving |
| BAI | *r* | **.300\*\*** | 0.116 | **.276\*** |
| *p* | **.010** | 0.441 | **.018** |
| BDI | *r* | **.615\*\*** | **.567\*\*** | **.283\*** |
| *p* | **.000** | **.000** | **.015** |

Table S2 Correlations between SN-DMN/SN-rECN connectivity and severity of addiction/craving for Internet gaming within IGD

|  |  |  |  |
| --- | --- | --- | --- |
| 　 | CIAS | Hours spent on Internet gaming per week | craving |
| ZSN\_DMN | *r* | -.01 | -.05 | .14 |
| *p* | .948 | .781 | .387 |
| ZSN\_rECN | *r* | -.13 | -.05 | -.25 |
| *p* | .443 | .775 | .125 |

Table S3 the group comparisons with potential covariates

|  |  |  |  |
| --- | --- | --- | --- |
|  | mean FD power | BAI & BDI | mean FD power & BAI & BDI |
| MS | F | Sig. | MS | F | Sig. | MS | F | Sig. |
| rRAI | .12 | 5.65 | **.020** | .06 | 2.89 | **.093** | .07 | 3.03 | **.087** |
| lRAI | .02 | .60 | .442 | .01 | .33 | .565 | .01 | .29 | .595 |
| ZSN\_DMN | .25 | 9.54 | **.003** | .36 | 13.41 | **.000** | .28 | 10.53 | .**002** |
| ZSN\_rECN | .02 | .99 | .322 | .12 | 4.81 | .032 | .07 | 2.98 | .089 |