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 | |