|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
|  |  |  |  | ANOVA | Correlation with MMSE |
|  | AD | aMCI | NC | F value | *p* value | *r* value | *p* value |
| Low parcellation (90-ROI) |  |  |  |  |  |  |
| *Iγ* | 0.279 (0.032) | 0.308 (0.034) | 0.316 (0.046) | 3.403 | **0.044**† | 0.354 | **0.023** |
| *Iλ* | 0.183 (0.008) | 0.179 (0.006) | 0.179 (0.006) | 2.232 | 0.121 | -0.247 | 0.119 |
| *Iσ* | 0.228 (0.031) | 0.258 (0.026) | 0.264 (0.035) | 4.994 | **0.012**† | 0.403 | **0.009** |
| High parcellation (1024-ROI)  |  |  |  |  |  |  |
| *Iγ* | 0.256 (0.191) | 0.269 (0.023) | 0.277 (0.021) | 3.243 | **0.050**† | 0.395 | **0.011** |
| *Iλ* | 0.187 (0.008) | 0.189 (0.005) | 0.186 (0.006) | 0.825 | 0.446 | 0.048 | 0.768 |
| *Iσ* | 0.205 (0.017) | 0.214 (0.020) | 0.224 (0.017) | 3.514 | **0.040**† | 0.348 | **0.026** |