Table S1. The number of subjects and independent components from each groups in each IC cluster.

|  |  |  |
| --- | --- | --- |
|  | Number of subjects  | Number of components  |
|  |  |  |
| **MS vs. C** | MS | C | MS | C |
| **Visual** |  |  |
| Right frontal IC cluster | 38 | 21 | 305 | 240 |
| Central IC cluster | 35 | 24 | 389 | 223 |
| Right parietal IC cluster | 54 | 38 | 385 | 362 |
| Left parietal IC cluster | 35 | 19 | 268 | 207 |
| **Auditory** |  |  |
| Frontal IC cluster | 43 | 23 | 322 | 197 |
| Right temporal IC cluster | 45 | 25 | 300 | 218 |
| Central IC cluster | 41 | 24 | 409 | 274 |
| Right parietal IC cluster | 54 | 39 | 397 | 309 |
| Left parietal IC cluster | 43 | 22 | 314 | 260 |
| **CI vs. Non-CI** | CI | Non-CI | CI | Non-CI |
| Right frontal IC cluster | 11 | 10 | 62 | 108 |
| Central IC cluster | 11 | 11 | 91 | 136 |
| Right parietal IC cluster | 18 | 17 | 124 | 91 |
| Left parietal IC cluster | 11 | 9 | 70 | 69 |
| **Auditory** |  |  |
| Left frontal IC cluster | 14 | 13 | 112 | 99 |
| Right frontal IC cluster | 15 | 13 | 88 | 131 |
| Central IC cluster | 13 | 12 | 108 | 112 |
| Right parietal IC cluster | 16 | 17 | 112 | 105 |
| Left parietal IC cluster | 16 | 17 | 139 | 97 |

Note. IC = independent component, MS = MS patients, C = controls, CI = CI MS patients, non-CI = non-CI MS patients