Table 2. Domains clustering summary. Unless otherwise specified, statistics are reported as mean (SD).

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
|  | Cluster | 1 | 2 | 3 | 4 |
|  | *n*(%) | 428 (47%) | 180 (20%) | 232 (26%) | 64 (7%) |
| Non-motor | 1. Cardiovascular | 0.7 (1.5)2,4 | 3.2 (3.7)1,3,4 | 1.1 (2.1)2,4 | 6.9 (6.4)1,2,3 |
| domains | 2. Sleep/fatigue | 4.5(5.0)2,3,4 | 16 (8.7)1,3,4 | 7.5 (6.6)1,2,4 | 21.7 (9.7)1,2,3 |
|  | 3. Mood/apathy | 3.4 (4.8)2,3,4 | 19.2 (15.0)1,3 | 6.6 (8.0)1,2,4 | 21.7 (13.5)1,3 |
|  | 4. Perception/hallucination | 0.5 (1.7)2,4 | 2.7 (4.3)1,3,4 | 0.8 (1.8)2,4 | 9.7 (6.9)1,2,3 |
|  | 5. Attention/memory | 3.0 (4.5)2,4 | 10.5 (9.2)1,3,4 | 3.3 (4.4)2,4 | 14.5 (11.0)1,2,3 |
|  | 6. Gastrointestinal | 2.9 (4.1)2,3,4 | 8.5 (7.1)1,3,4 | 4.7 (5.3)1,2,4 | 17.4 (9.2)1,2,3 |
|  | 7. Urinary | 4.7 (6.2)2,4 | 14.0 (9.9)1,3,4 | 6.2 (6.7)2,4 | 20.3 (9.7)1,2,3 |
|  | 8. Sexual function | 1.7 (3.4)2,3,4 | 7.3 (7.8)1,3 | 2.4 (4.1)1,2,4 | 9.0 (9.9)1,3 |
|  | 9. Miscellaneous | 4.0 (4.8)2,3,4 | 13.2 (8.7)1,3 | 6.2 (6.8)1,2,4 | 14.5 (10.1)1,3 |
| Motor symptoms | Axial | 1.7 (1.5)2,3,4 | 3.6 (2.2)1,3,4 | 4.5 (2.3)1,2,4 | 8.2 (2.7)1,2,3 |
|  | Bradykinesia | 1.6 (0.9)2,3,4 | 2.2 (1.1)1,3,4 | 3.5 (1.0)1,2,4 | 4.5 (1.3)1,2,3 |
|  | Rigidity | 1.5 (0.9)2,3,4 | 1.8 (1.2)1,3,4 | 3.3 (1.0)1,2,4 | 4.2(1.2)1,2,3 |
|  | Tremor | 2.0 (1.9)3,4 | 1.5 (1.8)3,4 | 4.1 (2.8)1,2 | 4.1 (4.1)1,2 |
|  | Motor complications | 1.4 (2.1)2,3,4 | 3.1 (2.9)1,4 | 3.7 (2.9)1,4 | 7.0 (3.6)1,2,3 |
| Variables not | Sex (% male) | 64 | 54 | 67 | 58 |
| used in analysis | CISI-PD total | 5.5 (3.0)2,3,4 | 9.6 (3.8)1,4 | 10.1 (3.5)1,4 | 16.4 (4.6)1,2,3 |
|  | Age | 62.5 (9.7)4 | 65.2 (9.4)4 | 64.9 (10.1)4 | 71.1 (7.9)1,2,3 |
|  | PD onset | 56 (10.5) | 56.6 (10.6) | 56.3 (11.3) | 56.7 (10.6) |
|  | PD duration | 6.5 (4.7)2,3,4 | 8.6 (5.7)1,4 | 8.6 (5.7)1,4 | 14.4 (8.0)1,2,3 |
| 1 Significant difference with cluster 1 (corrected )  2 Significant difference with cluster 2 (corrected )  3 Significant difference with cluster 3 (corrected )  4 Significant difference with cluster 4 (corrected ) | | | | | |