**Supplement Table S2.** Results of the item reduction (principal component analysis, promax oblique rotation) with item loadings >0.3.

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | **Factors** | | | | | | | | | | | | | |
| **Items** | **1** | **2** | **3** | **4** | **5** | **6** | **7** | **8** | **9** | **10** | **11** | **12** | **13** | **14** |
| **Factor 1** |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Item 26: Getting up – Dyskinesia | **.882** |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Item 31: Walking – Dyskinesia | **.708** |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Item 15: Pro/Sup right hand – Dyskinesia | **.703** |  |  |  |  | .546 |  |  |  |  |  |  |  |  |
| Item 20: Pro/Sup left hand – Dyskinesia | **.606** |  |  |  |  | .526 |  |  |  |  |  |  |  |  |
| Item 3: Sitting – Dyskinesia | **.603** |  |  |  |  |  | .466 |  |  |  | .352 |  |  | -.314 |
| **Factor 2** |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Item 24: Getting up – Tremor right hand |  | **.921** |  |  |  |  |  |  |  |  |  |  |  |  |
| Item 1: Sitting – Tremor right hand |  | **.882** |  |  |  |  |  |  |  |  |  |  |  |  |
| Item 29: Walking – Tremor right hand |  | **.797** | .467 |  |  |  |  |  |  |  |  |  |  |  |
| **Factor 3** |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Item 25: Getting up – Tremor left hand |  |  | **.851** |  |  |  |  |  |  |  |  |  |  |  |
| Item 30: Walking – Tremor left hand |  |  | **.823** |  |  |  |  |  | .357 |  |  |  |  |  |
| Item 2: Sitting – Tremor left hand |  |  | **.791** |  |  |  |  |  |  |  |  |  |  | .348 |
| **Factor 4** |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Item 21: Pro/Sup left hand – Reduced speed |  |  |  | **.752** |  |  |  |  |  |  |  |  |  |  |
| Item 22: Pro/Sup left hand – Reduced amplitude |  |  |  | **.742** |  |  |  |  | .339 |  |  |  |  |  |
| Item 16: Pro/Sup right hand – Reduced speed |  |  |  | **.589** |  |  |  |  |  | .537 |  |  |  |  |
| Item 17: Pro/Sup right hand – Reduced amplitude |  |  |  | **.573** | .307 |  |  | .386 |  | .390 |  |  |  |  |
| Item 11: Tapping left hand – Reduced speed |  |  |  | .494 |  | .329 |  | .392 |  |  |  |  |  |  |
| **Factor 5** |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Item 7: Tapping right hand – Reduced amplitude |  |  |  |  | .823 |  |  |  |  |  |  |  |  |  |
| Item 28: Getting up – Stiffness and reduced speed |  |  |  |  | .692 |  |  |  |  |  |  | .302 |  |  |
| Item 12: Tapping left hand – Reduced amplitude |  |  |  |  | .681 |  |  |  |  |  |  |  |  |  |
| **Factor 6** |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Item 10: Tapping left hand – Dyskinesia | .491 |  |  |  |  | .777 |  |  |  |  |  |  |  |  |
| Item 5: Tapping right hand – Dyskinesia |  |  |  |  |  | .706 |  |  |  |  |  |  |  |  |
| **Factor 7** |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Item 32: Walking – Reduced right arm swing |  |  |  |  |  |  | .713 |  |  |  |  |  |  |  |
| Item 33: Walking – Reduced left arm swing |  |  |  | .327 | .508 |  | .624 |  | .459 |  |  | .349 |  | -.355 |
| Item 27: Getting up – Balance problems |  |  |  |  |  |  | .622 |  |  |  |  |  |  |  |
| **Factor 8** |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Item 36: Walking – Freezing |  |  |  |  |  |  |  | .841 |  |  |  |  |  |  |
| Item 37: Walking – More steps for turn |  | .312 |  |  |  |  |  | .653 |  | .395 |  |  |  |  |
| **Factor 9** |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Item 9: Tapping left hand – Tremor |  |  |  |  |  |  |  | .400 | .683 |  |  |  |  |  |
| Item 19: Pro/Sup left hand – Tremor |  |  |  |  | .316 |  |  |  | .644 |  |  |  |  |  |
| **Factor 10** |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Item 6: Tapping right hand – Reduced speed |  |  |  |  |  |  |  |  |  | .781 |  |  |  |  |
| Item 34: Walking – Short steps |  |  |  |  | .381 |  | .426 |  |  | .515 |  |  |  |  |
| **Factor 11** |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Item 23: Pro/Sup left hand – Breaks |  |  |  |  |  |  |  |  |  |  | .767 |  |  |  |
| Item 18: Pro/Sup right hand – Breaks |  |  |  | .354 |  |  |  |  |  |  | .549 |  |  | .321 |
| **Factor 12** |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Item 14: Pro/Sup right hand – Tremor |  |  |  |  |  |  |  |  |  |  |  | .768 |  |  |
| Item 13: Tapping left hand – Breaks |  |  |  |  |  |  |  |  |  | -.357 | .451 | .681 |  |  |
| **Factor 13** |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Item 35: Walking – Start hesitation |  |  |  |  |  |  |  |  |  |  |  |  | .804 |  |
| Item 8: Tapping right hand – Breaks |  |  |  |  |  |  |  |  |  |  |  |  | .758 |  |
| **Factor 14** |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Item 4: Tapping right hand – Tremor |  |  |  |  |  |  |  |  |  |  |  |  |  | .559 |
| Item 38: Walking – Impaired posture |  |  |  |  |  |  |  |  | .431 |  |  |  |  | .432 |

Abbreviations: Pro/Sup, Pronation/Supination.

Initially, 14 factors were extracted. The remaining items are bolded.