Supplementary Table 1: Socio-demographic and clinical characteristic of total, analyzed and excluded sample

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
|  | | | **Total baseline sample**  **n=634** | **Sample under analysis**  **n=240** | **Excluded Sample**  **n=394** | ***p value*** |
| **Age** | | |  |  |  |  |
|  | Mean (SD) | | 80.37 (5.5) | 80.22 (5.5) | 80.51 (5.5) | 0.547† |
|  | Range | | 70 – 100 | 70 – 100 | 70 – 96 |  |
|  | N | | 516 | 240 | 276 |  |
| **Sex n (%)** | | |  |  |  |  |
|  | Female | | 373 (58.8) | 124 (51.7) | 249 (63.2) | **0.005‡** |
|  | N | | 634 | 240 | 394 |  |
| **MMSE1** | | |  |  |  |  |
|  | Mean (SD) | | 22.16 (5.4) | 22.39 (5.6) | 21.92 (5.5) | 0.352† |
|  | Range | | 3 – 30 | 5 – 30 | 3 – 30 |  |
|  | N | | 469 | 240 | 229 |  |
| **Severity of cognitive impairment n (%)** | | | |  |  |  |
|  | No hint for | | 108 (22.7) | 57 (23.8) | 51 (21.6) |  |
|  | Mild | | 239 (50.2) | 123 (51.3) | 116 (49.1) |
|  | Moderate | | 107 (22.5) | 54 (22.5) | 53 (22.5) |
|  | Severe | | 22 (4.6) | 6 (2.5) | 16 (6.8) |
| **N** | | | 476 | 240 | 236 |  |
| **Living situation n (%)** | | |  |  |  |  |
|  | | Alone | 260 (50.9) | 109 (45.4) | 151 (55.7) | **0.021‡** |
|  | | N | 511 | 240 | 271 |  |
| **Number of ICD-10 Diagnoses** | | | |  |  |  |
|  | | Mean (SD) | 13.07 (7.7) | 12.98 (7.3) | 13.1 (8.0) | 0.872† |
|  | | Range | 1 – 58 | 1 – 36 | 1 – 58 |  |
|  | | N | 608 | 240 | 368 |  |
| **B-ADL** | | |  |  |  |  |
|  | | Mean (SD) | 3.70 (2.6) | 3.59 (2.5) | 3.81 (2.6) | 0.332† |
|  | | Range | 1.00 – 10.00 | 1.00 – 10.00 | 1.00 – 10.00 |  |
|  | | N | 500 | 240 | 260 |  |
| **GDS** | | |  |  |  |  |
|  | | Mean (SD) | 3.17 (2.5) | 3.37 (2.6) | 2.98 (2.3) | 0.082† |
|  | | Range | 0.00 – 14.00 | 0.00 – 14.00 | 0.00 – 13.00 |  |
|  | | N | 492 | 240 | 252 |  |

†Differences in means: T-Tests two-tailed

‡Differences in proportions: Fisher’s exact Tests

MMSE, Mini Mental Status Examination, range 0-30, higher score indicates better cognitive function; B-ADL, Bayer-Activities of Daily Living Scale, range 0-10, lower score indicates better performance; GDS, Geriatric Depression Scale, sum score 0-15, score ≥6 indicates depression