**Supplementary Material 4. Baseline characteristics for adherent and non-adherent group by PxM-DPPR**

|  |  |  |  |
| --- | --- | --- | --- |
| **Characteristic** | **Adherent** | **Non-adherent** | **p-value** |
|  | **N** | **( % )** | **N** | **( % )** |
| Overall |  | 2,720  | (64.4) | 1,506  | (35.6) |  |
| Sex | Male | 1,422  | (52.3) | 802  | (53.3) | 0.54  |
|  | Female | 1,298  | (47.7) | 704  | (46.7) |  |
| Age | mean ± SD | 54.80 | ±13.53 | 56.23 | ±11.85 |  |
|  | 20-39 | 196  | (7.2) | 188  | (12.5) | <0.01 |
|  | 40-49 | 644  | (23.7) | 406  | (27.0) |  |
|  | 50-59 | 850  | (31.3) | 370  | (24.6) |  |
|  | 60-69 | 629  | (23.1) | 299  | (19.9) |  |
|  | 70+ | 401  | (14.7) | 243  | (16.1) |  |
| Disability |  | 199  | (7.3) | 115  | (7.6) | 0.70  |
| Type of health insurance  | National Health Insurance | 2,567  | (94.4) | 1,421  | (94.4) | 0.98  |
|  | Medical aid | 153  | (5.6) | 85  | (5.6) |  |
| Socio-economic status  | High | 1,069  | (39.3) | 532  | (35.3) | 0.04  |
|  | Middle | 883  | (32.5) | 548  | (36.4) |  |
|  | Low | 591  | (21.7) | 328  | (21.8) |  |
|  | Missing data | 177  | (6.5) | 98  | (6.5) |  |
| Medical institution type  | Tertiary | 140  | (5.1) | 46  | (3.1) | 0.00  |
|  | Secondary | 295  | (10.8) | 137  | (9.1) |  |
|  | Clinic | 2,032  | (74.7) | 1,190  | (79.0) |  |
|  | Public health center | 253  | (9.3) | 133  | (8.8) |  |
| No. of AHTN classes | 2 | 2,088  | (76.8) | 1,185  | (78.7) | 0.15  |
|  | 3+ | 632  | (23.2) | 321  | (21.3) |  |
| Charlson Comorbidity Index | 0 | 2,005  | (73.7) | 1,066  | (70.8) | 0.06  |
|  | 1 | 504  | (18.5) | 296  | (19.7) |  |
|  | 2+ | 211  | (7.8) | 144  | (9.6) |  |
| Diabetes |  | 455  | (16.7) | 197  | (13.1) | <0.01 |
| Dyslipidemia | 　 | 915  | (33.6) | 393  | (26.1) | <0.01 |

Abbreviation: AHTN, antihypertensive agents; PxM, prescription-based methodology; DPPR, daily polypharmacy possession ratio.