**Supplementary Material 2. Baseline characteristics for adherent and non-adherent group by PxM-PDCwith≥1**

|  |  |  |  |
| --- | --- | --- | --- |
| **Characteristic** | **Adherent** | **Non-adherent** | **p-value** |
|  | **N** | **( % )** | **N** | **( % )** |
| Overall |  | 2,739  | (64.8) | 1,487  | (35.2) |  |
| Sex | Male | 1,432  | (52.3) | 792  | (53.3) | 0.54  |
|  | Female | 1,307  | (47.7) | 695  | (46.7) |  |
| Age | mean ± SD | 54.78 | ±13.51 | 56.23 | ±11.88 |  |
|  | 20-39 | 198  | (7.2) | 186  | (12.5) | <0.01 |
|  | 40-49 | 649  | (23.7) | 401  | (27.0) |  |
|  | 50-59 | 854  | (31.2) | 366  | (24.6) |  |
|  | 60-69 | 633  | (23.1) | 295  | (19.8) |  |
|  | 70+ | 405  | (14.8) | 239  | (16.1) |  |
| Disability |  | 205  | (7.5) | 109  | (7.3) | 0.86  |
| Type of health insurance  | National Health Insurance | 2,585  | (94.4) | 1,403  | (94.4) | 0.97  |
|  | Medical aid | 154  | (5.6) | 84  | (5.6) |  |
| Socio-economic status  | High | 1,076  | (39.3) | 525  | (35.3) | 0.05  |
|  | Middle | 892  | (32.6) | 539  | (36.2) |  |
|  | Low | 593  | (21.7) | 326  | (21.9) |  |
|  | Missing data | 178  | (6.5) | 97  | (6.5) |  |
| Medical institution type  | Tertiary | 141  | (5.1) | 45  | (3.0) | <0.01 |
|  | Secondary | 295  | (10.8) | 137  | (9.2) |  |
|  | Clinic | 2,050  | (74.8) | 1,172  | (78.8) |  |
|  | Public health center | 253  | (9.2) | 133  | (8.9) |  |
| No. of AHTN classes | 2 | 2,102  | (76.7) | 1,171  | (78.7) | 0.14  |
|  | 3+ | 637  | (23.3) | 316  | (21.3) |  |
| Charlson Comorbidity Index | 0 | 2,016  | (73.6) | 1,055  | (70.9) | 0.10  |
|  | 1 | 509  | (18.6) | 291  | (19.6) |  |
|  | 2+ | 214  | (7.8) | 141  | (9.5) |  |
| Diabetes |  | 461  | (16.8) | 191  | (12.8) | <0.01 |
| Dyslipidemia | 　 | 923  | (33.7) | 385  | (25.9) | <0.01 |

Abbreviation: AHTN, antihypertensive agents; PxM, prescription-based methodology; PDCwith≥1, proportion of days covered with at least one drug.