**Supplementary Material 3. Baseline characteristics for adherent and non-adherent group by PxM-PDCwm**

|  |  |  |  |
| --- | --- | --- | --- |
| **Characteristic** | **Adherent** | **Non-adherent** | **p-value** |
|  | **N** | **( % )** | **N** | **( % )** |
| Overall |  | 2,440  | (57.7) | 1,786  | (42.3) |  |
| Sex | Male | 1,269  | (52.0) | 955  | (53.5) | 0.35  |
|  | Female | 1,171  | (48.0) | 831  | (46.5) |  |
| Age | mean ± SD | 55.08 | ±13.21 | 56.20 | ±11.92 |  |
|  | 20-39 | 185  | (7.6) | 199  | (11.1) | <0.01 |
|  | 40-49 | 569  | (23.3) | 481  | (26.9) |  |
|  | 50-59 | 764  | (31.3) | 456  | (25.5) |  |
|  | 60-69 | 570  | (23.4) | 358  | (20.0) |  |
|  | 70+ | 352  | (14.4) | 292  | (16.3) |  |
| Disability |  | 175  | (7.2) | 139  | (7.8) | 0.45  |
| Type of health insurance  | National Health Insurance | 2,307  | (94.5) | 1,681  | (94.1) | 0.55  |
|  | Medical aid | 133  | (5.5) | 105  | (5.9) |  |
| Socio-economic status  | High | 954  | (39.1) | 647  | (36.2) | 0.07  |
|  | Middle | 789  | (32.3) | 642  | (35.9) |  |
|  | Low | 542  | (22.2) | 377  | (21.1) |  |
|  | Missing data | 155  | (6.4) | 120  | (6.7) |  |
| Medical institution type  | Tertiary | 128  | (5.2) | 58  | (3.2) | <0.01 |
|  | Secondary | 273  | (11.2) | 159  | (8.9) |  |
|  | Clinic | 1,827  | (74.9) | 1,395  | (78.1) |  |
|  | Public health center | 212  | (8.7) | 174  | (9.7) |  |
| No. of AHTN classes | 2 | 1,881  | (77.1) | 1,392  | (77.9) | 0.51  |
|  | 3+ | 559  | (22.9) | 394  | (22.1) |  |
| Charlson Comorbidity Index | 0 | 1,809  | (74.1) | 1,262  | (70.7) | 0.04  |
|  | 1 | 441  | (18.1) | 359  | (20.1) |  |
|  | 2+ | 190  | (7.8) | 165  | (9.2) |  |
| Diabetes |  | 404  | (16.6) | 248  | (13.9) | 0.02  |
| Dyslipidemia | 　 | 826  | (33.9) | 482  | (27.0) | <0.01 |

Abbreviation: AHTN, antihypertensive agents; PxM, prescription-based methodology; PDCwm, duration weighted mean PDC.