**Supplementary Material 5. Baseline characteristics for adherent and non-adherent group by FxM-PDCwith≥1**

|  |  |  |  |
| --- | --- | --- | --- |
| **Characteristic** | **Adherent** | **Non-adherent** | **p-value** |
|  | **N** | **( % )** | **N** | **( % )** |
| Overall |  | 2,506  | (59.3) | 1,720  | (40.7) |  |
| Sex | Male | 1,299  | (51.8) | 925  | (53.8) | 0.21  |
|  | Female | 1,207  | (48.2) | 795  | (46.2) |  |
| Age | mean ± SD | 54.71 | ±13.62 | 56.42 | ±11.6 |  |
|  | 20-39 | 165  | (6.6) | 219  | (12.7) | <0.01 |
|  | 40-49 | 591  | (23.6) | 459  | (26.7) |  |
|  | 50-59 | 793  | (31.6) | 427  | (24.8) |  |
|  | 60-69 | 589  | (23.5) | 339  | (19.7) |  |
|  | 70+ | 368  | (14.7) | 276  | (16.0) |  |
| Disability |  | 188  | (7.5) | 126  | (7.3) | 0.83  |
| Type of health insurance  | National Health Insurance | 2,361  | (94.2) | 1,627  | (94.6) | 0.60  |
|  | Medical aid | 145  | (5.8) | 93  | (5.4) |  |
| Socio-economic status  | High | 983  | (39.2) | 618  | (35.9) | 0.07  |
|  | Middle | 814  | (32.5) | 617  | (35.9) |  |
|  | Low | 540  | (21.5) | 379  | (22.0) |  |
|  | Missing data | 169  | (6.7) | 106  | (6.2) |  |
| Medical institution type  | Tertiary | 123  | (4.9) | 63  | (3.7) | 0.26  |
|  | Secondary | 259  | (10.3) | 173  | (10.1) |  |
|  | Clinic | 1,895  | (75.6) | 1,327  | (77.2) |  |
|  | Public health center | 229  | (9.1) | 157  | (9.1) |  |
| No. of AHTN classes | 2 | 1,912  | (76.3) | 1,361  | (79.1) | 0.03  |
|  | 3+ | 594  | (23.7) | 359  | (20.9) |  |
| Charlson Comorbidity Index | 0 | 1,854  | (74.0) | 1,217  | (70.8) | 0.07  |
|  | 1 | 450  | (18.0) | 350  | (20.3) |  |
|  | 2+ | 202  | (8.1) | 153  | (8.9) |  |
| Diabetes |  | 426  | (17.0) | 226  | (13.1) | <0.01 |
| Dyslipidemia | 　 | 853  | (34.0) | 455  | (26.5) | <0.01 |

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