**Supplementary Material 7. Baseline characteristics for adherent and non-adherent group by FxM-DPPR**

|  |  |  |  |
| --- | --- | --- | --- |
| **Characteristic** | **Adherent** | **Non-adherent** | **p-value** |
|  | **N** | **( % )** | **N** | **( % )** |
| Overall |  | 2,493  | (59.0) | 1,733  | (41.0) |  |
| Sex | Male | 1,291  | (51.8) | 933  | (53.8) | 0.19  |
|  | Female | 1,202  | (48.2) | 800  | (46.2) |  |
| Age | mean ± SD | 54.70 | ±13.63 | 56.44 | ±11.59 |  |
|  | 20-39 | 163  | (6.5) | 221  | (12.8) | <0.01 |
|  | 40-49 | 588  | (23.6) | 462  | (26.7) |  |
|  | 50-59 | 790  | (31.7) | 430  | (24.8) |  |
|  | 60-69 | 587  | (23.5) | 341  | (19.7) |  |
|  | 70+ | 365  | (14.6) | 279  | (16.1) |  |
| Disability |  | 185  | (7.4) | 129  | (7.4) | 0.98  |
| Type of health insurance  | National Health Insurance | 2,349  | (94.2) | 1,639  | (94.6) | 0.63  |
|  | Medical aid | 144  | (5.8) | 94  | (5.4) |  |
| Socio-economic status  | High | 981  | (39.4) | 620  | (35.8) | 0.04  |
|  | Middle | 807  | (32.4) | 624  | (36.0) |  |
|  | Low | 537  | (21.5) | 382  | (22.0) |  |
|  | Missing data | 168  | (6.7) | 107  | (6.2) |  |
| Medical institution type  | Tertiary | 123  | (4.9) | 63  | (3.6) | 0.21  |
|  | Secondary | 259  | (10.4) | 173  | (10.0) |  |
|  | Clinic | 1,882  | (75.5) | 1,340  | (77.3) |  |
|  | Public health center | 229  | (9.2) | 157  | (9.1) |  |
| No. of AHTN classes | 2 | 1,903  | (76.3) | 1,370  | (79.1) | 0.04  |
|  | 3+ | 590  | (23.7) | 363  | (20.9) |  |
| Charlson Comorbidity Index | 0 | 1,845  | (74.0) | 1,226  | (70.7) | 0.06  |
|  | 1 | 447  | (17.9) | 353  | (20.4) |  |
|  | 2+ | 201  | (8.1) | 154  | (8.9) |  |
| Diabetes |  | 421  | (16.9) | 231  | (13.3) | <0.01 |
| Dyslipidemia | 　 | 846  | (33.9) | 462  | (26.7) | <0.01 |

Abbreviation: AHTN, antihypertensive agents; FxM, fixed period-based methodology; DPPR, daily polypharmacy possession ratio.