DARWIN-EU PX-CY-Z: Tables and Figures

**Table 1:** Baseline population characteristics.

| **Variable name** | **Variable level** | **Estimate name** | **Sex** | | |
| --- | --- | --- | --- | --- | --- |
| **overall** | **Male** | **Female** |
| Number records | – | N | 2,564 | 1,262 | 1,302 |
| Number subjects | – | N | 2,564 | 1,262 | 1,302 |
| Age | – | Median [Q25 - Q75] | 46 [36 - 56] | 46 [37 - 56] | 45 [36 - 55] |
|  |  | Mean (SD) | 47.54 (14.81) | 47.57 (14.40) | 47.52 (15.21) |
|  |  | Range | 21 to 99 | 21 to 98 | 21 to 99 |
| Days in cohort | – | Median [Q25 - Q75] | 3,654 [3,654 - 3,654] | 3,654 [3,654 - 3,654] | 3,654 [3,654 - 3,654] |
|  |  | Mean (SD) | 3,594.61 (332.90) | 3,587.20 (341.22) | 3,601.79 (324.60) |
|  |  | Range | 17 to 3,654 | 449 to 3,654 | 17 to 3,654 |
| Prior observation | – | Median [Q25 - Q75] | 16,834 [13,477 - 20,588] | 16,932 [13,636 - 20,634] | 16,734 [13,320 - 20,410] |
|  |  | Mean (SD) | 17,545.28 (5,406.72) | 17,555.07 (5,255.26) | 17,535.78 (5,551.58) |
|  |  | Range | 7,729 to 36,260 | 7,729 to 36,115 | 7,929 to 36,260 |
| Future observation | – | Median [Q25 - Q75] | 4,010 [3,891 - 4,117] | 4,005 [3,878 - 4,116] | 4,018 [3,900 - 4,118] |
|  |  | Mean (SD) | 3,924.53 (418.47) | 3,910.98 (430.96) | 3,937.65 (405.74) |
|  |  | Range | 16 to 4,201 | 448 to 4,201 | 16 to 4,199 |
| Cohort start date | – | Median [Q25 - Q75] | 2008-01-01 [2008-01-01 - 2008-01-01] | 2008-01-01 [2008-01-01 - 2008-01-01] | 2008-01-01 [2008-01-01 - 2008-01-01] |
|  |  | Range | 2008-01-01 to 2008-01-01 | 2008-01-01 to 2008-01-01 | 2008-01-01 to 2008-01-01 |
| Cohort end date | – | Median [Q25 - Q75] | 2018-01-01 [2018-01-01 - 2018-01-01] | 2018-01-01 [2018-01-01 - 2018-01-01] | 2018-01-01 [2018-01-01 - 2018-01-01] |
|  |  | Range | 2008-01-17 to 2018-01-01 | 2009-03-24 to 2018-01-01 | 2008-01-17 to 2018-01-01 |
| Comedications | Opioids | N (%) | 49 (1.91%) | 22 (1.74%) | 27 (2.07%) |
|  | Antidiabetes | N (%) | 26 (1.01%) | 15 (1.19%) | 11 (0.84%) |
| Comorbidities | Asthma | N (%) | 1,234 (48.13%) | 611 (48.42%) | 623 (47.85%) |
|  | Depression | N (%) | 2,531 (98.71%) | 1,246 (98.73%) | 1,285 (98.69%) |
|  | HIV | N (%) | 475 (18.53%) | 230 (18.23%) | 245 (18.82%) |

HIV: Human Immunodeficiency Virus.

**Figure 1:** Number of records in cohorts.



**Figure 2:** Incidence over time statified by sex.



**Table 2:** Measurement value change after intervention.

| **Variable** | **Estimate** | **Sex** | | |
| --- | --- | --- | --- | --- |
| **Overall** | **Male** | **Female** |
| Value before | Median [Q25- Q75] | 60.00 [55.00, 77.25] | 65.00 [61.00, 80.00] | 53.00 [48.00, 59.00] |
|  | Range | 24.00 to 117.00] | 30.00 to 120.00] | 20.00 to 100.00] |
| Value after | Median [Q25- Q75] | 58.00 [55.00, 72.00] | 66.00 [62.00, 79.00] | 50.00 [47.00, 60.00] |
|  | Range | 22.00 to 108.00] | 33.00 to 117.00] | 19.00 to 100.00] |
| Change in value | Median [Q25- Q75] | -2.00 [0.00, -5.25] | 1.00 [1.00, -1.00] | -3.00 [-1.00, 1.00] |
|  | Range | -2.00 to -9.00] | 3.00 to -3.00] | -1.00 to 0.00] |

**Figure 3:** Measurement value change after intervention.

