**Supplementary Material 1. Patterns of antihypertensive multidrug therapy using a hypothetical patient case for measuring adherence estimates by the predefined six measurements**

**A screenshot of a computer

Description automatically generated**

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| **Prescription-based methodology (PxM)** | |
| **PDCwith≥1** | = 180 days covered / 210 days = **85.7%** |
| **PDCwm** | = (71.43% 210 + 80% 150 + 100% 120) / (210 + 150 + 60) = **81.25 %**   * PDC of class 1 = (150 days covered / 210 dyas) day 1 to 210 = 71.43% * PDC of class 2 = (120 days covered / 150 dyas) day 1 to 150 = 80% * PDC of class 3 = (120 days covered / 120 dyas) day 91 to 210 = 100% |
| **DPPR** | = [(2/0)day 1 to 30(0/20) day 31 to 60(2/20)  (3/0) day 91 to 120 (2/30) day 121 to 150 (2/20) day 151 to 210] / 210  = **80.95%** |
| **Fixed period-based methodology (FxM)** | |
| **PDCwith≥1** | = 150 days covered / 180 days = **83.3%** |
| **PDCwm** | = (66.67% 180 + 80% 150 + 100% 90) / (180 + 150 + 90) = **78.57 %**   * PDC of class 1 = (120 days covered / 180 dyas) day 1 to 180 = 66.67% * PDC of class 2 = (120 days covered / 150 dyas) day 1 to 150 = 80% * PDC of class 3 = (90 days covered / 90 dyas) day 91 to 180 = 100% |
| **DPPR** | = [(2/0)day 1 to 30(0/20) day 31 to 60(2/20)  (3/0) day 91 to 120 (2/30) day 121 to 150 (2/230) day 151 to 180] / 180  = **77.78%** |

Abbreviation: DPPR, daily polypharmacy possession ratio; FxM, fixed period-based methodology; PDCwith≥1, proportion of days covered with at least one drug; PDCwm, duration weighted mean proportion of days covered; PxM, prescription-based methodology