

# Socioeconomic factors associated with poor medication adherence for patients with type 2 diabetes

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**Supplementary Table S3** Patients in each socioeconomic group for the four measurements of medication adherence: initiation of treatment before 30 days (I<sub>30</sub>), initiation of second dispensation before 150 days (I<sub>150</sub>), persistence with treatment after 12 months (P<sub>12</sub>), and persistence with treatment after 24 months (P<sub>24</sub>). Persistence is calculated based on the total population prescribed medication, not the patients initiating at I<sub>30</sub>.

| Characteristics             |        | Initiation (I <sub>30</sub> ) | Initiation (I <sub>150</sub> ) | Persistence (P <sub>12</sub> ) | Persistence (P <sub>24</sub> ) |
|-----------------------------|--------|-------------------------------|--------------------------------|--------------------------------|--------------------------------|
|                             | N=8515 | N (%) [95% CI]                | N (%) [95% CI]                 | N (%) [95% CI]                 | N (%) [95% CI]                 |
| <b>Age</b>                  |        |                               |                                |                                |                                |
| 18-49 years                 | 1979   | 1774 (89.6)<br>[88.3-91.0]    | 1238 (62.6)<br>[60.4-64.7]     | 996 (50.3)<br>[48.1-52.5]      | 872 (44.1)<br>[41.9-46.3]      |
| 50-64 years                 | 2863   | 2646 (92.4)<br>[91.5-93.4]    | 2122 (74.1)<br>[72.5-75.5]     | 2010 (70.2)<br>[68.5-71.9]     | 1894 (66.2)<br>[64.4-67.9]     |
| 65-79 years                 | 3048   | 2880 (94.5)<br>[93.7-95.3]    | 2294 (75.3)<br>[73.7-76.8]     | 2164 (71.0)<br>[69.4-72.6]     | 1969 (65.0)<br>[62.9-66.3]     |
| ≥80 years                   | 625    | 567 (90.7)<br>[88.4-93.0]     | 428 (68.5)<br>[64.8-72.1]      | 359 (57.4)<br>[53.6-61.3]      | 304 (48.6)<br>[44.7-52.6]      |
| <b>Sex</b>                  |        |                               |                                |                                |                                |
| <b>Men</b>                  |        |                               |                                |                                |                                |
| Living alone                | 1646   | 1498 (91.0)<br>[89.6-92.4]    | 1157 (70.3)<br>[68.1-72.5]     | 1100 (66.8)<br>[64.6-69.1]     | 983 (59.7)<br>[57.4-62.1]      |
| Married/<br>Cohabiting      | 3053   | 2856 (93.5)<br>[92.7-94.4]    | 2256 (73.9)<br>[72.3-75.5]     | 2158 (70.7)<br>[69.1-72.3]     | 2015 (66.0)<br>[64.3-67.7]     |
| <b>Women</b>                |        |                               |                                |                                |                                |
| Living alone                | 1509   | 1362 (90.3)<br>[88.8-91.8]    | 1068 (70.8)<br>[68.5-73.1]     | 917 (60.8)<br>[58.3-63.2]      | 825 (54.7)<br>[52.2-57.2]      |
| Married/<br>Cohabiting      | 2307   | 2151 (93.2)<br>[92.3-94.3]    | 1601 (69.4)<br>[67.5-71.3]     | 1354 (58.3)<br>[56.7-60.7]     | 1216 (52.7)<br>[50.7-54.7]     |
| <b>Country of birth</b>     |        |                               |                                |                                |                                |
| Sweden                      | 6599   | 6191 (93.8)<br>[93.2-94.4]    | 4867 (73.8)<br>[72.7-74.8]     | 4428 (67.1)<br>[66.0-68.2]     | 4043 (61.3)<br>[60.1-62.4]     |
| Other European<br>countries | 750    | 684 (91.2)<br>[89.2-93.2]     | 518 (69.1)<br>[65.8-72.4]      | 466 (62.1)<br>[58.7-65.6]      | 426 (56.8)<br>[53.3-60.3]      |
| Rest of the World           | 1166   | 992 (85.1)<br>[83.0-87.1]     | 697 (59.8)<br>[57.0-62.6]      | 635 (54.5)<br>[51.6-57.3]      | 570 (48.9)<br>[46.0-51.8]      |
| <b>Educational level</b>    |        |                               |                                |                                |                                |
| Primary                     | 2246   | 2084(92.8)<br>[91.7-93.8]     | 1637 (72.9)<br>[71.0-74.7]     | 1511(67.3)<br>[65.3-69.2]      | 1362 (60.6)<br>[58.6-62.7]     |
| Secondary                   | 3781   | 3542 (93.7)<br>[92.9-94.5]    | 2720 (71.9)<br>[70.5-73.4]     | 2494 (66.0)<br>[64.5-67.5]     | 2278 (60.2)<br>[58.7-61.8]     |
| University                  | 2381   | 2173 (91.3)<br>[90.1-92.4]    | 1669 (70.1)<br>[68.3-71.9]     | 1480 (62.2)<br>[60.2-64.1]     | 1362 (57.2)<br>[55.2-59.2]     |
| Missing                     | 107    | 68 (63.6)<br>[54.4-72.7]      | 56 (52.3)<br>[42.9-61.8]       | 44 (41.1)<br>[31.8-50.4]       | 37 (34.6)<br>[25.6-43.6]       |
| <b>Occupation</b>           |        |                               |                                |                                |                                |
| Employed                    | 3802   | 3487 (91.7)<br>[90.8-92.6]    | 2675 (70.4)<br>[68.9-71.8]     | 2374 (62.4)<br>[60.9-64.0]     | 2178 (57.3)<br>[55.7-58.9]     |
| Retired                     | 4179   | 3932 (94.1)<br>[93.4-94.8]    | 3092 (74.0)<br>[72.7-75.3]     | 2873 (68.7)<br>[67.3-70.2]     | 2600 (62.2)<br>[60.7-63.7]     |
| Long-term<br>unemployment   | 154    | 124 (80.5)<br>[74.3-86.8]     | 90 (58.4)<br>[50.7-66.2]       | 77 (50.0)<br>[42.1-57.9]       | 71 (46.1)<br>[38.2-54.0]       |
| Other<br>unemployment       | 380    | 324 (85.3)<br>[81.7-88.8]     | 225 (59.2)<br>[54.3-64.2]      | 205 (53.9)<br>[48.9-59.0]      | 190 (50.0)<br>[45.0-55.0]      |
| <b>Income</b>               |        |                               |                                |                                |                                |
| 1st quartile                | 2128   | 1871 (88.1)<br>[86.5-89.3]    | 1376 (64.7)<br>[62.6-66.7]     | 1203 (56.5)<br>[54.4-58.6]     | 1063 (50.0)<br>[47.8-52.1]     |
| 2nd quartile                | 2127   | 1991 (93.6)<br>[92.6-94.6]    | 1490 (70.1)<br>[68.1-72.0]     | 1347 (63.3)<br>[61.3-65.4]     | 1206 (56.7)<br>[54.6-58.8]     |
| 3rd quartile                | 2131   | 2015 (94.6)<br>[94.6-95.5]    | 1607 (75.4)<br>[73.6-77.2]     | 1472 (69.1)<br>[67.1-71.0]     | 1337 (62.7)<br>[60.7-64.8]     |
| 4th quartile                | 2129   | 1990 (93.5)<br>[92.4-94.5]    | 1609 (75.6)<br>[73.8-77.4]     | 1507 (70.8)<br>[68.9-72.7]     | 1433 (67.3)<br>[65.3-69.3]     |

