**Supplementary Table 1: Treatment initiations and time to treatment for depression diagnoses and symptoms**

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| **Treatment** | **Overall no. (%) treatment initiations** | **Time of treatment initiation in those started on each treatment. N(%)** | | | | | | |
| **0 days** | **1-14 days** | | **15-30 days** | | **1-6 months** | |
| **Depression diagnoses**  **(N=20225)** |  |  |  | |  | |  | |
| Anti-depressant drugs | 17619 (87.1%) | 15819 (89.8%) | | 754 (4.3%) | | 421 (2.4%) | | 625 (3.5%) |
| Hypnotics | 2879 (14.2%) | 1002 (34.8%) | | 579 (20.1%) | | 467 (16.2%) | | 831 (28.9%) |
| Anxiolytics | 1864 (9.2%) | 517 (27.7%) | | 407 (21.8%) | | 270 (14.5%) | | 670 (36%) |
| Antipsychotics | 554 (2.7%) | 91 (16.4%) | | 91 (16.4%) | | 92 (16.6%) | | 280 (50.6%) |
| Psychological therapies | 712 (3.5%) | 224 (31.5%) | | 195 (27.4%) | | 70 (9.8%) | | 223 (31.3%) |
| **Depression Symptoms**  **(N=27396)** |  |  | |  | |  | |  |
| Anti-depressant drugs | 16072 (58.7%) | 12437 (77.4%) | | 1495 (9.3%) | | 711 (4.4%) | | 1429 (8.9%) |
| Hypnotics | 3666 (13.4%) | 1272 (34.7%) | | 770 (21.0%) | | 613 (16.7%) | | 1011 (27.6%) |
| Anxiolytics | 2303 (8.4%) | 531 (23.1%) | | 461 (20.0%) | | 339 (14.7%) | | 972 (42.2%) |
| Antipsychotics | 752 (2.7%) | 113 (15.0%) | | 165 (21.9%) | | 118 (15.7%) | | 356 (47.4%) |
| Psychological therapies | 933 (3.4%) | 328 (35.2%) | | 300 (32.1%) | | 83 (8.9%) | | 222 (23.8%) |
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