**Supplementary Table 2.** Characteristics of patients prescribed AD, according to weight categories

| Weight category       | AD+ | AD+ | AD+ | AD+ | Total |
|-----------------------|-----|-----|-----|-----|-------|
|                       | N=1,077 | N=14,476 | N=12,684 | N=13,369 | N=63,830 |
| n (%)                 | 63.9% | 62.4% | 64.6% | 69.2% | 65.2% |
| Age                   | 33.4 (17.5) | 39.0 (16.5) | 44.0 (16.0) | 42.8 (14.8) | 41.6 (16.0) |
| median (IQR)          | 26.0 (22.1) | 35.7 (25.4) | 43.0 (23.5) | 41.6 (21.6) | 39.9 (24.2) |
| Gender                | 238 (22.1) | 3535 (24.4) | 4,522 (35.7) | 4,078 (30.5) | 12,373 (29.7) |
| Men                   | 839 (77.9) | 10,941 (75.6) | 8,162 (64.4) | 9,291 (69.5) | 29,233 (70.3) |
| Women                 | 110 (10.2) | 1,665 (11.5) | 2,129 (16.8%) | 3,353 (25.08) | 7,257 (17.4) |
| BMI, first measure    | 17.4 (0.8) | 22.2 (1.7) | 27.3 (1.4) | 36.2 (6.2) | 28.1 (7.1) |
| mean (SD)             | 17.6 (1.2) | 22.4 (2.8) | 27.2 (2.5) | 34.3 (6.7) | 26.8 (8.4) |
| median (IQR)          | 31 (2.9) | 306 (2.1) | 279 (2.2) | 407 (3.0) | 1023 (2.5) |
| Comorbidities         | 17 (1.6) | 177 (1.2) | 214 (1.7) | 188 (1.4) | 596 (14.9) |
| At least one comorbidity | 14 (1.3) | 273 (1.9) | 496 (3.9) | 1247 (9.3) | 2030 (4.9) |
| COPD                  | 45 (4.2) | 582 (4.0) | 577 (4.6) | 769 (5.8) | 1973 (4.7) |
| Diabetes              | 34 (3.2) | 672 (4.6) | 1,220 (9.6) | 2,041 (15.3) | 3967 (9.5) |
| Epilepsy              | 17 (1.6) | 372 (2.6) | 538 (424) | 903 (6.8) | 1830 (4.4) |
| Hypertension          | 2 (0.2) | 35 (0.2) | 37 (0.3) | 29 (0.2) | 103 (0.25) |

AD: antidepressant medications; BMI: Body mass Index