|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| 1a Tentative risk factors | N | n (%) \* | p- value | 1b Tentative risk factors | aOR(CI) | p- value |
| Age  ≥ 65  50-64 | 578  355 | 40 (6.9)  7 (2) | **0.001** | **Age**  ≥ 65 years  50-64 years (Reference) | 3.45 (1.51-7.92) | **0.003** |
| Sex  Female  Male | 438  495 | 23 (5.3)  24 (4.8) | 0.78 | **Dementia**  Yes  No (Reference) | 5.76 (1.76- 18.8) | **0.004** |
| Diabetes mellitus  YES  NO | 229  704 | 14 (6.1)  33 (4.7) | 0.39 | **Lung disease**  Yes  No (Reference) | 3.1 (1.47-6.52) | **0.003** |
| Hypertension  YES  NO | 454  479 | 21 (4.6)  26 (5.4) | 0.57 | **Psychiatric diagnoses**  Yes  No (Reference) | 1.95 (0.87- 4.38) | 0.10 |
| Coronary artery disease  YES  NO | 135  798 | 4 (3)  43 (5.4) | 0.23 | **Parkinsonism**  Yes  No (Reference) | 2.29 (0.89-5.93) | 0.086 |
| Chronic liver disease  YES  NO | 31  902 | 2 (6.5)  45 (5) | 0.66 |  | | |
| Kidney disease  YES  NO | 79  854 | 6 (7.6)  41 (4.8) | 0.28 |
| Lung disease  YES  NO | 94  839 | 11 (11.7)  36 (4.3) | **0.005** |
| Parkinsonism  YES  NO | 46  887 | 6 (13)  41 (4.6) | **0.024** |
| Thyroid disease  YES  NO | 76  857 | 3 (3.9)  44 (5.1) | 1.0 |
| Infection  YES  NO | 191  742 | 9 (4.7)  38 (5.1) | 0.82 |
| Epilepsy  YES  NO | 43  890 | 3 (7)  44 (4.9) | 0.47 |
| Stroke  YES  NO | 25  908 | 1 (4)  46 (5.1) | 1.0 |
| Dementia  YES  NO | 17  916 | 5 (29.4)  42 (4.6) | **0.001** |
| Neuropathic pain  YES  NO | 88  845 | 4 (4.5)  43 (5.1) | 1.0 |
| Psychiatric diagnoses  YES  NO | 101  832 | 10 (9.9)  37 (4.4) | **0.018** |
| Anaemia  YES  NO | 43  890 | 2 (4.7)  45 (5.1) | 1.0 |
| Functional gastrointestinal diseases  YES  NO | 41  892 | 2 (4.9)  45 (5) | 1.0 |

\*Percentages given as number of DIMDs (n) out of total number of ADRs (N). aOR: adjusted odds ratio, CI: confidence interval, DIMDs: Drug induced movement disorders.

**Supplementary** **Table 1: Unadjusted analysis (Table 1a) of association between covariates and occurrence of DIMDs and adjusted analysis (Table 1b) for tentative risk factors of DIMDs.**