|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| 1a Tentative risk factors | N | n (%) \* | p- value | 1b Tentative risk factors |  aOR(CI) | p- value |
| Age≥ 6550-64 | 578355 | 40 (6.9)7 (2) | **0.001** | **Age**≥ 65 years50-64 years (Reference) | 3.45 (1.51-7.92) | **0.003** |
| SexFemaleMale | 438495 | 23 (5.3)24 (4.8) | 0.78 | **Dementia**YesNo (Reference) | 5.76 (1.76- 18.8) | **0.004** |
| Diabetes mellitusYESNO | 229704 | 14 (6.1)33 (4.7) | 0.39 | **Lung disease**YesNo (Reference) | 3.1 (1.47-6.52) | **0.003** |
| HypertensionYESNO | 454479 | 21 (4.6)26 (5.4) | 0.57 | **Psychiatric diagnoses** Yes No (Reference) | 1.95 (0.87- 4.38) | 0.10 |
| Coronary artery diseaseYESNO | 135798 | 4 (3)43 (5.4) | 0.23 | **Parkinsonism** Yes No (Reference) | 2.29 (0.89-5.93) | 0.086 |
| Chronic liver diseaseYESNO | 31902 | 2 (6.5)45 (5) | 0.66 |  |
| Kidney diseaseYESNO  | 79854 | 6 (7.6)41 (4.8) | 0.28 |
| Lung diseaseYESNO | 94839 | 11 (11.7)36 (4.3) | **0.005** |
| Parkinsonism YESNO  | 46887 | 6 (13)41 (4.6) | **0.024** |
| Thyroid diseaseYESNO | 76857 | 3 (3.9)44 (5.1) | 1.0 |
| InfectionYESNO | 191742 | 9 (4.7)38 (5.1) | 0.82 |
| EpilepsyYESNO | 43890 | 3 (7)44 (4.9) | 0.47 |
| StrokeYESNO | 25908  | 1 (4)46 (5.1) | 1.0 |
| DementiaYESNO  | 17916 | 5 (29.4)42 (4.6) | **0.001** |
| Neuropathic painYESNO | 88845 | 4 (4.5)43 (5.1) | 1.0 |
| Psychiatric diagnosesYESNO | 101832 | 10 (9.9)37 (4.4) | **0.018** |
| AnaemiaYESNO | 43890 | 2 (4.7)45 (5.1) | 1.0 |
| Functional gastrointestinal diseasesYESNO | 41892 | 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.**