

**Supplementary Table 4.** Top 30 of principal diagnosis code (unweighted cases)

No	KCD-code	English	Frequency
1	F322	Severe depressive episode without psychotic symptoms	91
2	F329	Depressive episode, unspecified	71
3	F432	Adjustment disorders	46
4	F332	Recurrent depressive disorder, current episode severe without psychotic symptoms	27
5	F200	Paranoid schizophrenia	24
6	F321	Moderate depressive episode	20
7	F319	Bipolar affective disorder, unspecified	18
8	F209	Schizophrenia, unspecified	17
9	F102	Dependence syndrome of alcohol	13
10	F318	Other bipolar affective disorders	13
11	F323	Severe depressive episode with psychotic symptoms	12
12	F341	Dysthymia	11
13	F190	Acute intoxication due to multiple drug use and use of other psychoactive substances	9
14	F39	Unspecified mood[ffective] disorder	8
15	F603	Emotionally unstable personality disorder	8
16	F130	Acute intoxication due to use of sedatives or hypnotics	7
17	F314	Bipolar affective disorder, current episode severe depression without psychotic symptoms	7
18	F315	Bipolar affective disorder, current episode severe depression with psychotic symptoms	7
19	F333	Recurrent depressive disorder, current episode severe with psychotic symptoms	7
20	F220	Delusional disorder	5
21	F29	Unspecified nonorganic psychosis	5
22	F313	Bipolar affective disorder, current episode mild or moderate depression	5
23	F320	Mild depressive episode	5
24	F429	Obsessive-compulsive disorder, unspecified	5
25	F109	Unspecified mental and behavioural disorder due to use of alcohol	4
26	F252	Schizoaffective disorder, mixed type	4
27	F259	Schizoaffective disorder, unspecified	4
28	F312	Bipolar affective disorder, current episode manic with psychotic symptoms	4
29	F99	Mental disorder NOS	4
30	F101	Harmful use of alcohol	3