| *Table 2. comparison of patients who was voluntary hospitalization and who wasn’t.* |  |  |  |
| --- | --- | --- | --- |
| n (%) | Overall‡N=11086 | Voluntary hospitalization, VH2946 (27.2) | Involuntary hospitalization, IH7872 (72.8) | χ2 | df | *p* |
| Gender  |  |  |  | 6.626 | 1 | .010 |
| Male | 6179 (55.7) | 1581 (26.2) | 4442 (73.8) |  |  |  |
| Female | 4907 (44.3) | 1356 (28.5) | 3430 (71.5) |  |  |  |
| †Age, years |  |  |  | 108.649 | 3 | .000 |
| <25 |  | 711 (26.7) | 1955 (73.3) |  |  |  |
| 25~34 |  | 611 (23.2) | 2021 (76.8) |  |  |  |
| 34~47 |  | 643 (24.1) | 2024 (75.9) |  |  |  |
| >=47 |  | 981 (34.4) | 1872 (65.6) |  |  |  |
| ‡Marriage |  |  |  | 41.181 | 1 | .000 |
| Married | 5043 (45.5) | 1496 (30.2) | 3456 (69.8) |  |  |  |
| §Unmarried | 6038 (54.5) | 1448 (24.7) | 4415 (75.3) |  |  |  |
| Region |  |  |  | 4.575 | 1 | .032 |
| Non-local residence | 6003 (54.1) | 1640 (28.1) | 4201 (71.9) |  |  |  |
| Local residence | 5083 (45.9) | 1306 (26.2) | 3671 (73.8) |  |  |  |
| ‡Employment, employed | 3449 (31.1) | 853 (26.6) | 2355 (73.4) | .994 | 1 | .319 |
| Medical insurance, insured | 4306 (38.8) | 1076 (25.4) | 3159 (74.6) | 11.698 | 1 | .001 |
| †Length of stays, days |  |  |  | 499.092 | 3 | .000 |
| <17 |  | 1090 (41.8) | 1515 (58.2) |  |  |  |
| 17~32 |  | 841 (29.7) | 1995 (70.3) |  |  |  |
| 32~56 |  | 581 (21.6) | 2104 (78.4) |  |  |  |
| >=56 |  | 434 (16.1) | 2258 (83.9) |  |  |  |
| Numbers of previous hospitalizations |  |  |  | 5.121 | 3 | .163 |
| 1 | 8337 (75.2) | 2248 (27.7) | 5861 (72.3) |  |  |  |
| 2 | 1751 (15.8) | 441 (25.5) | 1289 (74.5) |  |  |  |
| 3 | 568 (5.1) | 139 (25.0) | 417 (75.0) |  |  |  |
| 4 or more | 430 (3.9) | 118 (27.9) | 305 (72.1) |  |  |  |
| Diagnosis group |  |  |  | 624.091 | 4 | .000 |
| Major depressive disorder | 1418 (12.8) | 597 (43.4) | 778 (56.6) |  |  |  |
| Schizophrenia spectrum disorders | 4518 (40.8) | 1042 (23.4) | 2868 (76.6) |  |  |  |
| Bipolar disorder | 3768 (34.0) | 750 (20.4) | 2920 (79.6) |  |  |  |
| ⁎Substance-related disorder | 908 (8.2) | 288 (31.7) | 620 (68.3) |  |  |  |
| ⁑Stress&Somatic disorders | 474 (4.3) | 269 (66.4) | 136 (33.6) |  |  |  |
| The year at admission |  |  |  | 10.568 | 3 | .014 |
| 2014 | 2944 (26.6) | 818 (28.4) | 2066 (71.6) |  |  |  |
| 2015 | 3702 (33.4) | 1027 (28.3) | 2596 (71.7) |  |  |  |
| 2016 | 3174 (28.6) | 791 (25.7) | 2283 (74.3) |  |  |  |
| 2017 | 1266 (11.4) | 310 (25.1) | 927 (74.9) |  |  |  |
| †Continuous variables were categorized by quartiles, including the age (37.49 +/- 15.08 year-old) and length of stays (47.53 +/- 68.94 days).‡System-missing value: Involuntary admission, n=268 (2.4%). Marriage, n=5 (<0.01%). Employed, n=123 (1.1%).§Unmarried, including single (n=5301), divorced (n=575), widowed (n=162).⁎Mental and behavioral disorders due to psychoactive substance use (F10-F19 in ICD-10).⁑Anxiety, dissociative, stress-related, somatoform and other nonpsychotic mental disorders (F40-F48 in ICD-10). |