**Table S2: The relationship between prestroke and poststroke depression in the study of neuropsychiatric symptoms**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Variables | No poststroke depression, N=79 n(%) | Poststroke depression, N=47  n(%) | Statistics | p-value |
| *Prestroke depression symptoms* | 29(36.7) | 20(42.6) | 0.424 | 0.515 |
| *Age ≥60 years* | 43(55.1) | 23(48.9) | 0.451 | 0.502 |
| *≥1 year of formal education* | 62(84.9) | 31(79.5) | 0.535 | 0.465 |
| *Female gender* | 28(35.4) | 23(48.9) | 2.227 | 0.136 |
| *Married status* | 61(78.2) | 33(73.3) | 0.376 | 0.540 |
| *Low economic status* | 39(49.4) | 28(59.6) | 1.223 | 0.267 |
| *Ever drank alcohol* | 35(46.1) | 17(37.0) | 0.969 | 0.325 |
| *Ever smoked tobacco* | 12(16.2) | 6(13.0) | 0.224 | 0.636 |
| *Systemic hypertension* | 66(83.5) | 41(87.2) | 0.313 | 0.576 |
| *Diabetes* | 18(22.8) | 8(17.0) | 0.598 | 0.439 |
| *Multimorbidity* | 23(30.3) | 13(30.2) | 0.000 | 0.997 |
| *Pre-stroke cognitive decline* | 8(11.0) | 8(19.0) | 1.456 | 0.228 |
|  | ***Mean(SD)/Median*** | | | |
| *Stroke levity scale scores* | 8.9(3.4) | 7.5(3.2) | 2.228 | ***0.028*** |
| *Mini-mental state examination scores* | 20.8(7.6) | 15.9(7.2) | 3.320 | ***0.001*** |
| *Urea* | 32.8(29.0) | 39.6(27.7) | -1.088 | 0.280 |
| *Creatinine* | 1.2(1.0) | 1.2(0.6) | -0.012 | 0.990 |
| *Glucose* | 3.1(4.8) | 3.1(4.4) | -0.006 | 0.995 |

Note: 24 participants died or were lost to follow-up before they could be assessed for poststroke depression at one and three months