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| **S2 Table.** Univariate logistic regression analyses of functional independence (FI, mRS 0–2) at 3 months after discharge

|  |  |  |
| --- | --- | --- |
| Variables | OR (95% CI) | *p* |
| Age | 0.98 (0.94, 1.02) | 0.299 |
| Male sex | 1.94 (1.00, 3.76) | 0.051a |
| Premorbid mRS | 0.00 (0.00, 0.00) | 0.999 |
| Time from onset to sampling, h | 1.01 (0.94, 1.09) | 0.767 |
| Coronary heart disease | 0.42 (0.12, 1.61) | 0.205 |
| Hypertension | 1.28 (0.65, 2.50) | 0.477 |
| Diabetes mellitus | 1.05 (0.36, 3.03) | 0.930 |
| Hyperlipemia | 0.56 (0.30, 1.06) | 0.075a |
| History of stroke | 0.55 (0.26, 1.16) | 0.115 |
| Intensive care unit (ICU) | 0.05 (0.02, 0.11) | <0.001a |
| Endotracheal intubation | 0.05 (0.22, 0.10) | <0.001a |
| Nasogastric feeding tube | 0.04 (0.01, 0.13) | 0.001a |
| Catheter | 0.00 (0.00, 0.00) | 0.997 |
| Operation | 0.19 (0.10, 0.37) | <0.001a |
| Infection | 0.06 (0.02, 0.17) | <0.001a |
| Duration of hospitalization, d |
| ≤7 | <0.001a  |
| 7–14 | 0.18 (0.08, 0.39) | <0.001a  |
| >14 | 0.69 (0.31, 1.55) | 0.364 |
| Infratentorial | 0.66 (0.27, 1.65) | 0.375 |
| Intraventricular hemorrhage, IVH | 0.39 (0.20, 0.78) | 0.008a |
| Larger ICH volume (>30 cm³) | 0.07 (0.04, 0.15) | <0.001a  |
| NIHSS admission score | 0.77 (0.72, 0.83) | <0.001a  |
| Glasgow coma scale | 1.40 (1.28, 1.54) | <0.001a |
| White cell counts, 1000/mm³ | 0.86 (0.80, 0.92) | <0.001a  |
| Neutrophil counts, 1000/mm³ | 0.85 (0.80, 0.92) | <0.001a |
| Lymphocyte counts, 1000/mm³ | 1.28 (0.85, 1.93) | 0.246 |
| Lymphopenia on admission | 0.75(0.40, 1.40) | 0.364 |
| NLR0 | 0.94 (0.91, 0.97) | <0.001a  |
| Monocyte counts, 1000/mm³ | 0.55 (0.19, 1.63) | 0.280 |

 |

ICH, intracerebral hemorrhage; mRS, modified Rankin scale; NLR, neutrophil-to-lymphocyte ratio

a*p* < 0.1 were the candidate confounders for multivariate logistic regression analysis