**Supplementary Table 3.** Secular trends of rehabilitation in acute stroke

| | 2013 | 2014 | 2016 | 2018 | 2020/2021 | 2022/2023 | $P_{trend}$ |
|---|---|---|---|---|---|---|---|
| Rehabilitation during hospitalization | | | | | | | |
| Ischemic stroke, all | 67.1 | 67.2 | 70.7 | 70.6 | 74.1 | 74.4 | <0.001 |
| Ischemic stroke by NIHSS | | | | | | | |
| 0–4 | 63.8 | 63.6 | 65.3 | 63.5 | 69.5 | 69.2 | <0.001 |
| 5–15 | 76.4 | 75.9 | 81.1 | 82.2 | 82.1 | 84.0 | <0.001 |
| ≥16 | 64.7 | 66.7 | 71.8 | 75.0 | 76.3 | 79.0 | <0.001 |
| Ischemic stroke by stroke center | | | | | | | |
| Yes | 75.7 | 75.0 | 79.1 | 78.4 | 81.7 | 81.0 | <0.001 |
| No | 55.7 | 55.4 | 56.4 | 57.0 | 50.5 | 51.3 | <0.001 |
| ICH, all | 50.3 | 56.7 | 62.0 | 66.3 | 69.2 | 73.1 | <0.001 |
| ICH by GCS | | | | | | | |
| 13–15 | 55.4 | 67.6 | 65.6 | 70.4 | 73.7 | 77.1 | <0.001 |
| 9–12 | 54.7 | 63.0 | 72.8 | 77.3 | 79.5 | 82.4 | <0.001 |
| 3–8 | 39.3 | 36.4 | 51.3 | 53.2 | 56.8 | 62.9 | <0.001 |
| ICH by stroke center | | | | | | | |
| Yes | 58.3 | 63.4 | 68.9 | 70.9 | 75.9 | 79.0 | <0.001 |
| No | 43.2 | 48.7 | 51.7 | 59.1 | 50.5 | 51.8 | <0.001 |
| SAH, all | 37.0 | 36.9 | 47.8 | 51.8 | 59.3 | 64.5 | <0.001 |
| SAH by GCS | | | | | | | |
| 13–15 | 37.1 | 36.9 | 47.6 | 51.3 | 60.0 | 63.4 | <0.001 |
| 9–12 | 55.0 | 45.6 | 61.7 | 68.7 | 69.5 | 80.0 | <0.001 |
| 3–8 | 32.4 | 32.8 | 42.8 | 47.1 | 56.9 | 64.6 | <0.001 |
| SAH by stroke center | | | | | | | |
| Yes | 37.2 | 39.0 | 53.1 | 53.1 | 62.3 | 67.8 | <0.001 |
| No | 36.6 | 32.9 | 37.9 | 49.2 | 48.2 | 48.5 | <0.001 |
| Transfer to rehabilitation facility | | | | | | | |
| Ischemic stroke, all | 23.4 | 23.2 | 27.4 | 29.2 | 29.8 | 28.0 | <0.001 |
| Ischemic stroke by NIHSS | | | | | | | |
| 0–4 | 12.8 | 13.1 | 15.8 | 16.7 | 17.6 | 16.3 | <0.001 |
| 5–15 | 35.1 | 34.7 | 40.6 | 43.8 | 43.3 | 42.5 | <0.001 |
| ≥16 | 44.0 | 43.9 | 49.7 | 54.7 | 54.5 | 54.0 | <0.001 |
| Ischemic stroke by stroke center | | | | | | | |
| Yes | 24.6 | 24.3 | 28.8 | 31.5 | 32.5 | 30.0 | <0.001 |
| No | 21.8 | 21.5 | 25.0 | 25.0 | 21.8 | 21.3 | 0.104 |
| ICH, all | 38.0 | 36.3 | 43.8 | 47.9 | 47.4 | 46.2 | <0.001 |
| ICH by GCS | | | | | | | |
| 13–15 | 35.2 | 35.9 | 40.9 | 45.4 | 44.9 | 42.6 | <0.001 |
| 9–12 | 55.4 | 46.7 | 57.3 | 64.8 | 66.3 | 66.2 | <0.001 |
| 3–8 | 32.4 | 28.9 | 40.6 | 42.6 | 40.9 | 40.2 | <0.001 |
| ICH by stroke center | | | | | | | |
| Yes | 41.7 | 36.0 | 46.0 | 52.1 | 52.0 | 49.7 | <0.001 |
| No | 34.5 | 36.7 | 40.4 | 41.2 | 34.9 | 33.5 | 0.182 |
| SAH, all | 18.5 | 16.3 | 21.3 | 23.8 | 24.2 | 25.0 | <0.001 |
| SAH by GCS | | | | | | | |
| 13–15 | 16.6 | 13.3 | 16.6 | 18.5 | 18.4 | 19.2 | 0.006 |
| 9–12 | 33.0 | 28.1 | 36.6 | 45.7 | 38.6 | 40.0 | 0.115 |
| 3–8 | 17.1 | 18.7 | 26.3 | 27.4 | 32.6 | 32.4 | <0.001 |
| SAH by stroke center | | | | | | | |
| Yes | 19.7 | 18.4 | 22.9 | 23.5 | 26.1 | 25.8 | 0.006 |
| No | 16.8 | 12.3 | 18.3 | 24.4 | 17.4 | 20.9 | 0.015 |

Values are percent. $P_{trend}$ was calculated using the Cochran-Armitage test for categorical variables across the six assessment rounds.
NIHSS, National Institutes of Health Stroke Scale; ICH, intracerebral hemorrhage; GCS, Glasgow Coma Scale; SAH, subarachnoid hemorrhage.