

Supplementary Table 2. Validity of stroke codes using one principal and one secondary diagnosis (algorithm 2) according to discharge department

| | Sensitivity, % (95% CI) | Specificity, % (95% CI) | PPV, % (95% CI) |
|----------------------|--------------------------------|--------------------------------|------------------------|
| Neurology (n=764) | | | |
| IS (n=638) | 98 (96–99) | 52 (43–60) | 91 (89–93) |
| ICH (n=13) | 62 (36–82) | 100 (99–100) | 73 (43–90) |
| SAH (n=1) | 100 (21–100) | 100 (99–100) | 25 (5–70) |
| Neurosurgery (n=539) | | | |
| IS (n=46) | 80 (67–89) | 96 (94–98) | 67 (54–78) |
| ICH (n=194) | 97 (93–99) | 95 (92–97) | 91 (87–94) |
| SAH (n=95) | 94 (87–97) | 98 (96–99) | 89 (81–94) |
| Rehab. (n=317) | | | |
| IS (n=191) | 88 (83–92) | 80 (72–86) | 87 (82–91) |
| ICH (n=48) | 58 (44–71) | 97 (94–98) | 78 (62–88) |
| SAH (n=16) | 81 (57–93) | 99 (98–100) | 87 (62–96) |
| Etc. (n=191) | | | |
| IS (n=93) | 39 (29–49) | 78 (68–85) | 62 (49–73) |
| ICH (n=16) | 25 (10–50) | 99 (97–100) | 80 (38–96) |
| SAH (n=1) | 100 (21–100) | 99 (96–100) | 33 (6–79) |

CI: confidence interval, Etc.: et cetera, ICH: intracranial hemorrhage, IS: ischemic stroke, PPV: positive predictive value, Rehab.: rehabilitation medicine, SAH: subarachnoid hemorrhage.