Supplementary Material 11. Positive predictive value of the working definition for stroke event

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| **Classification of Hospitals** |  **Characteristics of stroke**  |
| **First event** |  | **Recurrent event**  |
| **Epidemiological determination** | **Identification algorithm** | **PPV** |  | **Epidemiological determination** | **Identification algorithm** | **PPV** |
| **Hospital types** |  |  |  |  |  |  |  |
| Tertiary hospitals | 458 | 549 | 83.4% |  | 137 | 181 | 75.7% |
| Secondary hospitals | 335 | 356 | 94.1% |  | 154 | 173 | 89.0% |
| Primary hospitals | 275 | 392 | 70.2% |  | 57 | 90 | 63.3% |
| **Total**  |  |  |  |  |  |  |  |
| General | 1,068 | 1,297 | 82.3% |  | 348 | 444 | 78.4% |
| Weight 1\*\* | - | - | 88.2% |  | - | - | 80.8% |
| Weight 2† | - | - | 88.1% | 　 | - | - | 81.0% |
| \*\*Weighted pooled based on the initial medical institution |
| †Weighted pooled based on the highest-level medical institution |
| \*PPV, Positive Predictive Value |