**Supplemental Table 1. Seasonal variation in incidence rates of total stroke according to age and sex: Shiga Stroke Registry 2011-2013**

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|  | Age- and sex-adjusted incidence rate, per 100,000 person-years(95% confidence interval) | P value(versus summer) |
| Male, Age <70 years |  |  |  |  |
| Spring | 109 | (99 to 121) | 0.444 |
| Summer | 103 | (93 to 114) | Reference |
| Autumn | 115 | (104 to 127) | 0.138 |
| Winter | 138 | (126 to 151) | <0.001 |
| Male, Age ≥70 years |  |  |  |
| Spring | 732 | (671 to 799) | 0.016 |
| Summer | 625 | (568 to 687) | Reference |
| Autumn | 659 | (601 to 723) | 0.422 |
| Winter | 807 | (742 to 878) | <0.001 |
| Female, Age <70 years |  |  |  |
| Spring | 57 | (50 to 66) | 0.414 |
| Summer | 53 | (46 to 61) | Reference |
| Autumn | 59 | (51 to 68) | 0.283 |
| Winter | 62 | (54 to 71) | 0.124 |
| Female, Age ≥70 years |  |  |  |
| Spring | 659 | (610 to 712) | <0.001 |
| Summer | 515 | (471 to 562) | Reference |
| Autumn | 559 | (514 to 609) | 0.184 |
| Winter | 698 | (646 to 753) | <0.001 |