

Supplementary Table 5. Adjusted odds ratios for ischemic stroke associated with *DROSHA* genotypes, combined by clinical factors

| Characteristic | <i>DROSHA</i> rs6877842 CC | <i>DROSHA</i> rs6877842 CG+GG | <i>DROSHA</i> rs10719 TT | <i>DROSHA</i> rs10719 CC |
|-------------------------------|----------------------------|-------------------------------|--------------------------|--------------------------|
| Sex | | | | |
| Male | 1.000 (reference) | 1.092 (0.462–2.581) | 1.000 (reference) | 1.695 (0.632–4.546) |
| Female | 1.077 (0.761–1.523) | 0.885 (0.431–1.820) | 1.289 (0.834–1.992) | 3.423 (1.390–8.427) |
| Age (yr) | | | | |
| <63 | 1.000 (reference) | 1.452 (0.674–3.130) | 1.000 (reference) | 1.708 (0.730–3.999) |
| ≥63 | 0.811 (0.508–1.295) | 0.581 (0.244–1.387) | 0.670 (0.360–1.246) | 2.046 (0.640–6.538) |
| Hypertension | | | | |
| No | 1.000 (reference) | 0.823 (0.386–1.756) | 1.000 (reference) | 1.967 (0.840–4.607) |
| Yes | 2.404 (1.815–3.184) | 1.879 (0.924–3.823) | 2.415 (1.666–3.501) | 4.781 (1.981–11.54) |
| Diabetes mellitus | | | | |
| No | 1.000 (reference) | 0.840 (0.482–1.464) | 1.000 (reference) | 1.770 (0.925–3.385) |
| Yes | 2.193 (1.520–3.166) | 1.104 (0.311–3.918) | 2.351 (1.449–3.814) | 12.046 (1.541–94.19) |
| Hyperlipidemia | | | | |
| No | 1.000 (reference) | 0.697 (0.374–1.298) | 1.000 (reference) | 2.642 (1.301–5.363) |
| Yes | 1.365 (0.994–1.874) | 1.388 (0.563–3.421) | 1.415 (0.947–2.114) | 1.240 (0.401–3.832) |
| Smoker | | | | |
| No | 1.000 (reference) | 0.674 (0.362–1.254) | 1.000 (reference) | 2.522 (1.195–5.323) |
| Yes | 1.175 (0.836–1.652) | 1.401 (0.545–3.602) | 1.181 (0.766–1.819) | 1.662 (0.583–4.739) |
| Folate (nmol/L)* | | | | |
| >3.55 | 1.000 (reference) | 0.772 (0.445–1.342) | 1.000 (reference) | 2.051 (1.064–3.956) |
| ≤3.55 | 3.401 (2.144–5.397) | 2.415 (0.435–13.40) | 2.635 (1.488–4.665) | 4.775 (0.984–23.17) |
| Homocysteine (μmol/L)† | | | | |
| <13.5 | 1.000 (reference) | 0.867 (0.503–1.496) | 1.000 (reference) | 2.356 (1.245–4.457) |
| ≥13.5 | 1.798 (1.199–2.695) | 0.830 (0.198–3.475) | 2.020 (1.186–3.441) | 1.289 (0.211–7.870) |

*3.55 nmol/L corresponds to the lowest 15% of folate values in the sample; †13.5 μmol/L corresponds to the highest 15% of homocysteine values in sample.