

Supplemental Materials

Supplemental Table 1. Precedent infections considered possible causes of Guillain-Barré syndrome

| Precedent Infections | ICD-10 th -codes |
|------------------------|---|
| Upper respiratory | J00-J06, J20-J22, J40-42, H65-67 |
| Lower respiratory | J440 |
| Gastro-intestinal | A08-A09 |
| Malaria | B50-B54, N080, P373, P374, T372, T378, Y412, Y418 |
| Tsutsugamushi | A753 |
| Other viruses | A92 |
| Campylobacter | A045 |
| Cytomegalovirus | B25 |
| Epstein-Barr virus | B27 |
| Herpes simplex virus | B00 |
| Varicella (Chickenpox) | B01 |
| Herpes zoster virus | B02 |
| Mycoplasma | A493, B96, J29 |
| Haemophilus influenzae | G00, J09-J18 |
| Influenza virus | A413, A492, J201 |
| Parainfluenza virus | J204, J2181 |
| Other infections | B96, A045, P236 |

Supplemental Table 2. Results of conditional Poisson regression analysis by sex and age: subgroup analyses

| Risk period (days) | Male (n = 168) | | | Female (n = 152) | | | 65 – 74 years (n = 175) | | | 75 – 84 years (n = 128) | | |
|---|-------------------|-------------|-------------|---------------------|-------------|-------------|----------------------------|-------------|-------------|----------------------------|-------------|-------------|
| | IRR | 95% CI | | IRR | 95% CI | | IRR | 95% CI | | IRR | 95% CI | |
| | | Lower limit | Upper limit | | Lower limit | Upper limit | | Lower limit | Upper limit | | Lower limit | Upper limit |
| Baseline (Before influenza vaccination or after vaccination of 90 days) | 1.00 | - | - | 1.00 | - | - | 1.00 | - | - | 1.00 | - | - |
| 0-3 | - | - | - | - | - | - | - | - | - | - | - | - |
| 4-7 | 0.51 | 0.07 | 3.67 | 1.19 | 0.29 | 4.80 | 0.53 | 0.07 | 3.75 | 0.66 | 0.09 | 4.74 |
| 8-14 | 0.88 | 0.28 | 2.76 | 1.02 | 0.32 | 3.20 | 0.60 | 0.15 | 2.42 | 1.51 | 0.56 | 4.10 |
| 15-42 | 0.95 | 0.54 | 1.68 | 0.76 | 0.39 | 1.50 | 1.05 | 0.60 | 1.82 | 0.76 | 0.37 | 1.55 |
| 43-90 | 0.73 | 0.44 | 1.20 | 1.09 | 0.69 | 1.71 | 1.18 | 0.78 | 1.79 | 0.61 | 0.33 | 1.13 |

(CI, confidence interval; IRR, incidence rate ratio)