Table 2. Estimates (95% confidence interval) of association between notified cases of COVID-19 in New South Wales, Australia, in which infection was determined to be locally-acquired and for which postcode of residence was reported, during the exponential (26 February−31 March) and descending (1 April−31 May) epidemic phases, and average temperature (°C) and relative humidity (%) recorded at the weather observation station closest to reported case postcode of residence. Public health unit-specific associations are shown.

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
|  | Exponential epidemic phase | |  | Descending epidemic phase | |
| Public health unit | Temperature | Relative humidity |  | Temperature | Relative humidity |
| Nepean Blue Mountains | -0.40 (-2.83, 2.03) | -0.09 (-0.67, 0.49) |  | -2.66 (-5.44, 0.12) | -0.23 (-0.72, 0.26) |
| Northern Sydney | 0.24 (-0.52, 1.01) | -0.07 (-0.23, 0.08) |  | -0.316 (-1.037, 0.4) | -0.12 (-0.26, 0.02) |
| South Eastern Sydney | 0.10 (-0.84, 1.04) | -0.01 (-0.2, 0.18) |  | **0.72 (0.15, 1.298)** | -0.08 (-0.18, 0.01) |
| South Western Sydney | 0.07 (-1.11, 1.26) | 0.06 (-0.21, 0.33) |  | -0.75 (-2.42, 0.93) | -0.04 (-0.25, 0.16) |
| Sydney | -0.0002 (-0.87, 0.87) | **-0.15 (-0.29, -0.02)** |  | -0.19 (-1.51, 1.13) | -0.017 (-0.25, 0.21) |
| Western Sydney | -0.47 (-1.43, 0.49) | -0.104 (-0.37, 0.16) |  | 0.07 (-0.88, 1.01) | 0.008 (-0.13, 0.15) |
| New South Wales | 0.0002 (-0.4, 0.4) | **-0.08 (-0.16, -0.0004)** |  | -0.02 (-0.54, 0.51) | **-0.07 (-0.13, -0.004)** |  |