Table 2. Multivariate generalized additive model of the association between 749 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 period 12 February (day 43) to 31 March (day 91), and 9am relative humidity (10-, 14- and 21-day exponential moving average) recorded at the weather observation station closest to reported case postcode of residence.

|  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | Exponential moving average | | | | | | | | | | |
|  | 10-day | | |  | 14-day | | |  | 21-day | | |
| Parameter | Estimate (SE) | *Z* | *P* |  | Estimate (SE) | *Z* | *P* |  | Estimate (SE) | *Z* | *P* |
| Intercept | 2.69 (1.74) | 1.54 |  |  | 4.06 (2.27) | 1.78 |  |  | 6.55 (3.31) | 1.98 |  |
| Relative humidity, 9am | -0.04 (0.02) | -2.05 |  |  | -0.06 (0.03) | -2.17 | 0.03 |  | -0.09 (0.04) | -2.24 |  |
| Natural spline (1) | 7.62 (0.71) | 10.70 |  |  | 7.81 (0.73) | 10.70 |  |  | 8.03 (0.76) | 10.60 |  |
| Natural spline (2) | 3.16 (0.21) | 14.90 |  |  | 3.22 (0.22) | 14.60 |  |  | 3.31 (0.24) | 13.80 |  |