

**Table 1 Backward linear regression of the relative frequency (RF) of diagnosed cases of fungal keratitis with time, atmospheric temperature and humidity**

| Coefficient model          | Standardized beta coefficient | t-value | P-value |
|----------------------------|-------------------------------|---------|---------|
| <i>Model 1</i>             |                               |         |         |
| Years                      | 0.86                          | 3.593   | 0.016   |
| Temperature (maximum)      | 0.22                          | 0.769   | 0.477   |
| Temperature (minimum)      | 1.15                          | 2.684   | 0.044   |
| Humidity (maximum)         | -0.62                         | -2.064  | 0.094   |
| Humidity (minimum)         | 0.67                          | 1.785   | 0.134   |
| <i>Model 2<sup>a</sup></i> |                               |         |         |
| Years                      | 0.71                          | 5.144   | 0.003   |
| Temperature (minimum)      | 0.90                          | 3.339   | 0.002   |
| Humidity (maximum)         | -0.44                         | -2.484  | 0.016   |
| Humidity (minimum)         | 0.44                          | 1.977   | 0.095   |

<sup>a</sup>Excluding the effect of the maximum atmospheric temperature.  
NS = not significant.