**Table S1**

The Akaike Information Criterion (AIC) values by changing the maximum lag weeks and degrees of freedom (df) for meteorological factors.

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Variables | Maximum lag (weeks) | df | | | |
| 2 | 3 | 4 | 5 |
| Tmean | 2 | 3641.29 | 3634.53 | 3640.98 | 3543.8 |
| 3 | 3516.2 | 3517.76 | 3538.42 | 3480.77 |
| 4 | 3429.69 | 3433.03 | 3452.12 | **3418.19** |
| RHmean | 2 | 3693.73 | 3722.02 | 3741.75 | 3756.64 |
| 3 | 3573.13 | **3562.2** | 3578.53 | 3598.66 |
| 4 | 3603.87 | 3573.86 | 3593.15 | 3597.1 |
| Rainfall | 2 | 3675.11 | 3698.1 | 3653.63 | 3687.18 |
| 3 | 3643.41 | 3673.73 | 3635.17 | 3675.36 |
| 4 | **3607.6** | 3646.25 | 3612.2 | 3646.78 |
| WSmean | 2 | 3717.78 | 3722.88 | 3732.06 | 3759.68 |
| 3 | 3585.86 | 3590.57 | 3581.05 | 3614.36 |
| 4 | 3564.46 | 3564.13 | **3554.77** | 3583.77 |
| APmean | 2 | 3757.28 | 3544.17 | 3571.45 | 3591.69 |
| 3 | 3748.04 | 3571.38 | 3583.38 | 3572.78 |
| 4 | 3712.5 | 3536.06 | **3512.98** | 3531.99 |
| SUNmean | 2 | 3688.92 | 3629.61 | 3648.39 | 3676.17 |
| 3 | 3570.61 | 3504.52 | 3510.14 | 3523.76 |
| 4 | 3536.93 | **3492.5** | 3497.76 | 3496.76 |

Tmean: mean temperature; RHmean: mean relative humidity; Rainfall: aggregate rainfall; WSmean: mean wind speed; APmean: mean atmosphere pressure; SUNmean: mean sunshine. Bold numbers indicate the minimum AICs.