|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Supplementary Table S1. *Cross-correlation coefficient between monthly autochthonous DF incidence rate and mosquito density, imported cases, timeliness of diagnosis, climatic variables.*** | | | | | | | | | | | | | | | | | | | | | | | | |  |  |  |  |
| **Lag** | **IDFa** | | **MeanBIb** | | **MTIODc** | | **MeanTd** | | **MaxTe** | | **MinTf** | | **MeanDTRg** | | **MaxDTRh** | | **MinDTRi** | | **MeanRFj** | | **MaxRFk** | | **MeanRHl** | | **MaxRHm** | | **MinRHn** | |
| **CCF** | **S.E** | **CCF** | **S.E** | **CCF** | **S.E** | **CCF** | **S.E** | **CCF** | **S.E** | **CCF** | **S.E** | **CCF** | **S.E** | **CCF** | **S.E** | **CCF** | **S.E** | **CCF** | **S.E** | **CCF** | **S.E** | **CCF** | **S.E** | **CCF** | **S.E** | **CCF** | **S.E** |
| -7.000 | -0.010 | 0.082 | -0.017 | 0.088 | -0.014 | 0.082 | 0.013 | 0.082 | 0.010 | 0.082 | 0.003 | 0.082 | -0.018 | 0.082 | -0.006 | 0.082 | -0.014 | 0.082 | 0.002 | 0.082 | 0.006 | 0.082 | 0.031 | 0.082 | 0.009 | 0.082 | 0.028 | 0.082 |
| -6.000 | -0.009 | 0.082 | -0.030 | 0.088 | -0.014 | 0.082 | -0.020 | 0.082 | -0.023 | 0.082 | -0.024 | 0.082 | -0.012 | 0.082 | 0.015 | 0.082 | -0.030 | 0.082 | -0.007 | 0.082 | 0.005 | 0.082 | 0.027 | 0.082 | 0.013 | 0.082 | 0.001 | 0.082 |
| -5.000 | -0.014 | 0.081 | -0.026 | 0.088 | -0.020 | 0.081 | -0.087 | 0.081 | -0.090 | 0.081 | -0.074 | 0.081 | 0.029 | 0.081 | 0.029 | 0.081 | -0.042 | 0.081 | -0.041 | 0.081 | -0.038 | 0.081 | -0.019 | 0.081 | 0.039 | 0.081 | -0.031 | 0.081 |
| -4.000 | 0.014 | 0.081 | -0.008 | 0.087 | 0.056 | 0.081 | -0.140 | 0.081 | -0.136 | 0.081 | -0.122 | 0.081 | 0.049 | 0.081 | 0.049 | 0.081 | -0.061 | 0.081 | -0.067 | 0.081 | -0.064 | 0.081 | -0.072 | 0.081 | 0.089 | 0.081 | -0.115 | 0.081 |
| -3.000 | 0.282 | 0.081 | -0.012 | 0.087 | 0.229 | 0.081 | -0.136 | 0.081 | -0.131 | 0.081 | -0.137 | 0.081 | 0.089 | 0.081 | 0.040 | 0.081 | -0.028 | 0.081 | -0.090 | 0.081 | -0.085 | 0.081 | -0.137 | 0.081 | 0.081 | 0.081 | -0.176 | 0.081 |
| -2.000 | 0.477 | 0.081 | -0.008 | 0.087 | 0.457 | 0.081 | -0.106 | 0.081 | -0.114 | 0.081 | -0.105 | 0.081 | 0.105 | 0.081 | -0.011 | 0.081 | 0.015 | 0.081 | -0.135 | 0.081 | -0.129 | 0.081 | -0.176 | 0.081 | 0.098 | 0.081 | -0.193 | 0.081 |
| -1.000 | 0.637 | 0.080 | 0.037 | 0.086 | 0.759 | 0.080 | 0.038 | 0.080 | 0.015 | 0.080 | 0.019 | 0.080 | 0.011 | 0.080 | -0.111 | 0.080 | 0.061 | 0.080 | -0.123 | 0.080 | -0.130 | 0.080 | -0.062 | 0.080 | 0.070 | 0.080 | -0.082 | 0.080 |
| 0.000 | 0.781 | 0.080 | 0.134 | 0.086 | 0.896 | 0.080 | 0.141 | 0.080 | 0.117 | 0.080 | 0.137 | 0.080 | -0.020 | 0.080 | -0.143 | 0.080 | 0.026 | 0.080 | -0.074 | 0.080 | -0.090 | 0.080 | 0.022 | 0.080 | 0.081 | 0.080 | 0.001 | 0.080 |
| 1.000 | 0.295 | 0.080 | 0.271 | 0.086 | 0.697 | 0.080 | 0.186 | 0.080 | 0.179 | 0.080 | 0.203 | 0.080 | -0.083 | 0.080 | -0.169 | 0.080 | -0.022 | 0.080 | -0.037 | 0.080 | -0.057 | 0.080 | 0.168 | 0.080 | 0.155 | 0.080 | 0.133 | 0.080 |
| 2.000 | 0.143 | 0.081 | 0.331 | 0.087 | 0.406 | 0.081 | 0.189 | 0.081 | 0.197 | 0.081 | 0.195 | 0.081 | -0.036 | 0.081 | -0.112 | 0.081 | 0.041 | 0.081 | -0.011 | 0.081 | -0.066 | 0.081 | 0.054 | 0.081 | -0.064 | 0.081 | 0.158 | 0.081 |
| 3.000 | -0.001 | 0.081 | 0.386 | 0.087 | 0.202 | 0.081 | 0.156 | 0.081 | 0.183 | 0.081 | 0.154 | 0.081 | -0.018 | 0.081 | -0.097 | 0.081 | 0.102 | 0.081 | -0.041 | 0.081 | -0.081 | 0.081 | -0.055 | 0.081 | -0.208 | 0.081 | 0.089 | 0.081 |
| 4.000 | -0.003 | 0.081 | 0.184 | 0.087 | -0.007 | 0.081 | 0.095 | 0.081 | 0.117 | 0.081 | 0.069 | 0.081 | 0.003 | 0.081 | -0.004 | 0.081 | 0.063 | 0.081 | -0.082 | 0.081 | -0.098 | 0.081 | -0.105 | 0.081 | -0.233 | 0.081 | 0.021 | 0.081 |
| 5.000 | 0.010 | 0.081 | 0.056 | 0.088 | -0.031 | 0.081 | 0.001 | 0.081 | 0.034 | 0.081 | -0.035 | 0.081 | 0.068 | 0.081 | 0.100 | 0.081 | 0.053 | 0.081 | -0.108 | 0.081 | -0.114 | 0.081 | -0.237 | 0.081 | -0.391 | 0.081 | -0.057 | 0.081 |
| 6.000 | 0.013 | 0.082 | 0.070 | 0.088 | -0.026 | 0.082 | -0.116 | 0.082 | -0.113 | 0.082 | -0.123 | 0.082 | -0.033 | 0.082 | 0.091 | 0.082 | -0.095 | 0.082 | -0.132 | 0.082 | -0.132 | 0.082 | 0.031 | 0.082 | -0.020 | 0.082 | -0.043 | 0.082 |
| 7.000 | 0.023 | 0.082 | 0.064 | 0.088 | -0.026 | 0.082 | -0.192 | 0.082 | -0.205 | 0.082 | -0.191 | 0.082 | 0.019 | 0.082 | 0.113 | 0.082 | -0.073 | 0.082 | -0.140 | 0.082 | -0.140 | 0.082 | 0.005 | 0.082 | 0.005 | 0.082 | -0.070 | 0.082 |

aIDF: monthly imported DF cases, bMeanBI: monthly mean Breteau Index, cMTIOD (day): monthly median time interval between symptom onset and diagnosis, dMeanT (℃): monthly mean Tempreture, eMaxT: monthly maximum temperature, fMinT (℃): monthly minimum temperature, gMeanDTR (℃): monthly mean diurnal temperature range, hMaxDTR: monthly maximum diurnal temperature range, iMinDTR (℃): monthly minimum diurnal temperature range, jMeanRF: monthly mean rainfall, kMaxRF (mm): monthly maximum rainfall, lMeanRH (%): monthly mean relative humidity, mMaxRH (%): monthly maximum relative humidity, nMinRH (%): monthly minimum relative humidity.