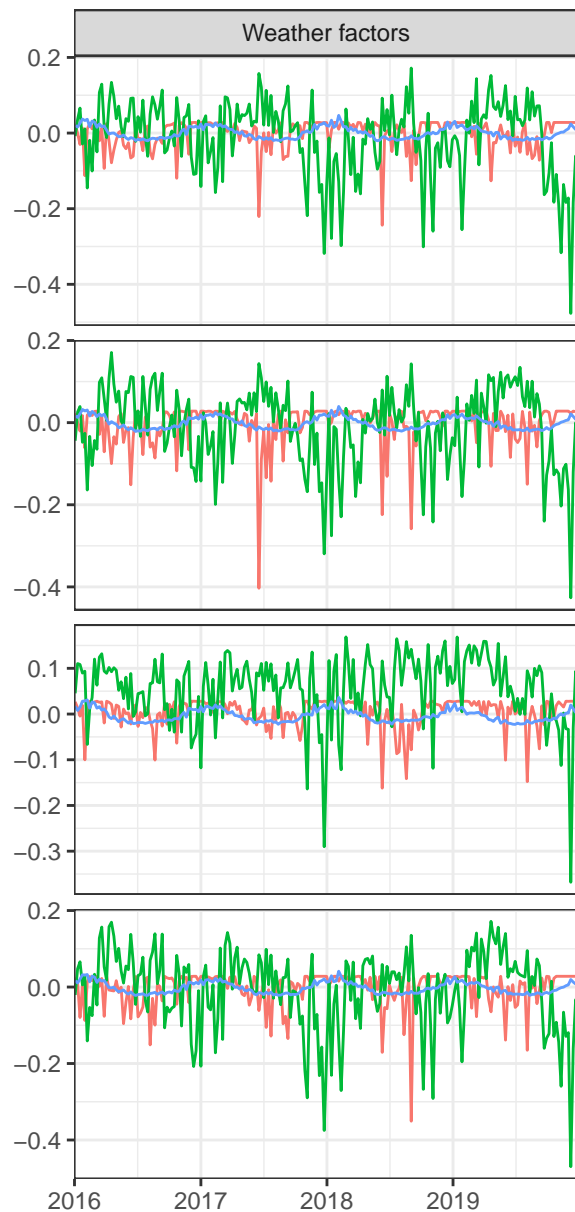


Rain Relative humidity Temperature

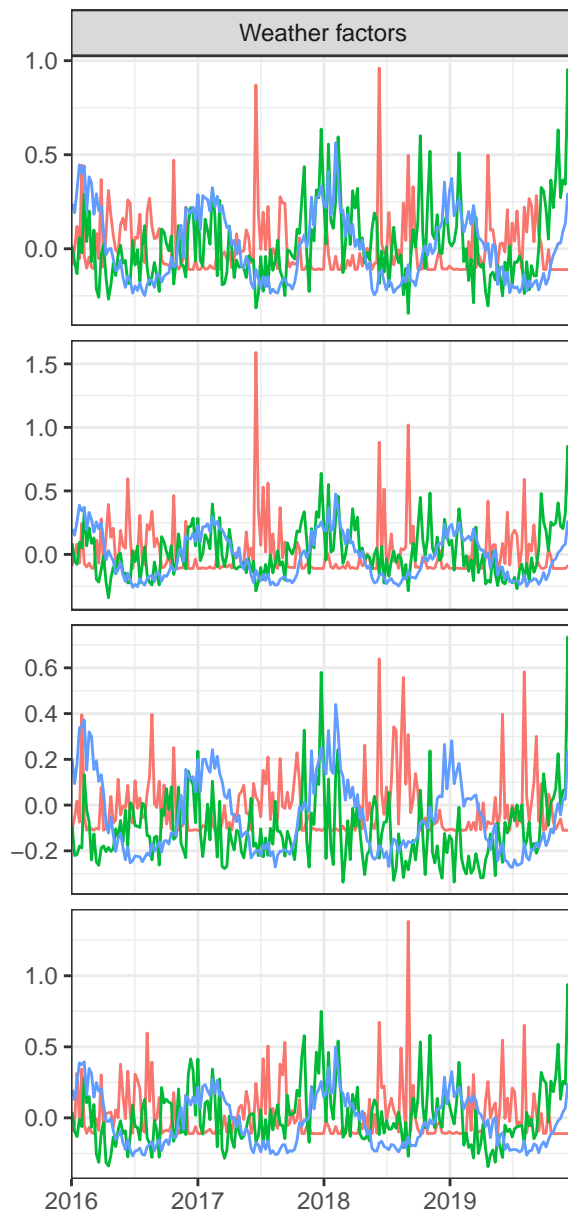
**A**

Within-city transmission: contribution to  $\log(\lambda_{it})$



**B**

Between-city transmission: contribution to  $\log(\phi_{it})$



**C**

Endemic component: contribution to  $\log(v_{it})$

