**Supplementary Table 1.** Breakpoints used for segmented Poisson model

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| Breakpoints | Date | Significant events |
| 1st breakpoint | February 17, 2020 | The first case related to a church service in Daegu |
| 2nd breakpoint | August 10, 2020 | The first Monday after the peak summer vacation season |
| 3rd breakpoint | November 14, 2020 | Large-scale rallies held by the Korean Confederation of Trade Unions attended by more than 10,000 people across the country |