**Appendix**

The following tables provide regression statistics and test metrics (checking overdispersion and autocorrelation) for all analysis, which were conducted using the ITS model as specified under Methods section. Tables 1A-C refer to admissions with suicidal ideation; Tables 2A-C refer to admissions after suicide attempt. 1C and 2C show the common trend model for which the admission counts of 2019 were subtracted from the corresponding admission counts of 2020.

**Appendix 1 – ITS model statistics for admissions with suicide ideation**

1. … during COVID-19 aftermath (6-month)

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  | Estimate | St. Error | *z* Value | Pr *> |*z*|* |
| (interc.) | -3.04 | 0.20 | -14.90 | \*\*\* |
| event | -0.48 | 0.13 |  -3.47 | \*\*\* |
| time |  -0.01 | 0.01 |  -0.93 |  .35 |
| \* *p* < .05 \*\* *p* < .01 \*\*\* *p* ≤ .001   |
|  |
| dispersion parameter = 0.95 (*p*-value = .59) |
| Durbin-Watson statistic = 2.00 (*p*-value = .69) |

1. …during 2019 control period (6-month)

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  | Estimate | St. Error | *z* Value | Pr *> |*z*|* |
| (interc.) |  -3.29 | 0.18 | -18.53 | \*\*\* |
| event |  -0.08 | 0.11 | -0.77 |  .46 |
| time |  -0.01 | 0.01 | -0.99 |  .32 |
|  \* *p* < .05 \*\* *p* < .01 \*\*\* *p* ≤ .001   |
|  |
| dispersion parameter = 0.73 (*p*-value = .86) |
| Durbin-Watson statistic = 2.47 (*p*-value = .42) |

1. … for the common trend model

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  | Estimate | St. Error | t Value | Pr *> |*t*|* |
| (interc.) |  -0.24 | 0.28 | -0.86 |  .40  |
| event |  -0.40 | 0.18 | -2.17 |  .04\* |
| time |  -0.001 | 0.01 | -0.10 |  .92 |
|  \* *p* < .05 \*\* *p* < .01 \*\*\* *p* ≤ .001   |
|  |
| Durbin-Watson statistic = 2.47 (*p*-value = .48) |
|  |

**Appendix 2 – ITS model statistics for admissions with suicide attempt**

1. … during COVID-19 aftermath (6-month)

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  | Estimate | St. Error | *z* Value | Pr *> |*z*|* |
| (interc.) |  1.24 | 0.53 |  2.36 |  .02\* |
| event | -0.53 | 0.36 |  -1.47 |  .14 |
| time | -0.01 | 0.02 |  -0.66 |  .51 |
| \* *p* < .05 \*\* *p* < .01 \*\*\* *p* ≤ .001   |
|  |
| dispersion parameter = 0.92 (*p*-value = .65) |
| Durbin-Watson statistic = 1.82 (*p*-value = .38) |

1. …during 2019 control period (6-month)

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  | Estimate | St. Error | *z* Value | Pr *> |*z*|* |
| (interc.) |  1.56 | 0.48 | 3.24 | \*\* |
| event |  0.02 | 0.29 | 0.07 |  .95 |
| time |  -0.02 | 0.02 | -1.29 |  .20 |
|  \* *p* < .05 \*\* *p* < .01 \*\*\* *p* ≤ .001   |
|  |
| dispersion parameter = 0.996 (*p*-value = .51) |
| Durbin-Watson statistic = 2.60 (*p*-value = .24) |

1. … for the common trend model

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  | Estimate | St. Error | t Value | Pr *> |*t*|* |
| (interc.) |  -0.32 | 1.85 | -0.17 |  .86  |
| event |  -0.54 | 1.21 | -0.44 |  .66 |
| time |  0.01 | 0.07 |  0.15 |  .88 |
|  \* *p* < .05 \*\* *p* < .01 \*\*\* *p* ≤ .001   |
|  |
| Durbin-Watson statistic = 2.36 (*p*-value = .98) |
|  |