**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) | | | | | | | | |
|  | | | | | | | | |