

Appendix:

```
Wilcoxon signed rank exact test

data: YourekaData$`Pre-Pandemic` and YourekaData$Pandemic
V = 91, p-value = 0.0002441
alternative hypothesis: true location shift is not equal to 0
95 percent confidence interval:
 35.0 103.5
sample estimates:
(pseudo)median
          70
```

Figure A1. The results of the Wilcoxon Signed Rank Test between youth hospitalization rates per 100 000 of mental disorders pre-pandemic and during-pandemic. Produced using R Studio.

```
Kruskal-Wallis rank sum test

data: Differences by Region
Kruskal-Wallis chi-squared = 2.6319, df = 2,
p-value = 0.2682
```

Figure A2. Kruskal-Wallis Rank Sum Test results between the differences in youth hospitalization rates per 100 000 due to mental disorders segregated into 3 regions of Canada (Western Region, Eastern Region and Northern Territories). Produced using R Studio.