

# A dataset containing details of SARS-CoV-2 testing in 2020 at CHOP

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8:42 AM

- What : Sars-cov-2 results testing
- Where: CHOP hospital
- Who: pediatrics Population
- When : j4 au j107: 2020

## Variables of interest :

- Gender : type character - female, male : to be convert in **Factor**
- Pan\_day : Day after start of pandemic ; type numeric :
  - o Mean, meadian, SD, min, max,
  - o Group in days
- Test\_id : character : covid, xcovid1 : to be convert in **Factor**
- Demo\_group : character levels : patient, misc\_adult, client, other adult, unidentified. To be set in **Factor**
- Drive\_thru\_ind : numeric to transform in **Factor** 0 Not collected at drive\_thru\_site 1 collected at drive-thru site
- Ct\_result ; numeric Cycle at threshold reached during the PCR 14.5 - 45 : Mean, Median, SD, min, max, group
- Order\_set : numeric convert to Factor
- Payor\_group: Payor associated with order : to be convert in factor commercial government

Evaluate factors that have influenced the COVID-19 testing in the pediatric hospital CHOP during 1st quator of the onset the pandemic in 2020.

Objectives:

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Method

- Retrospective observational study
- Data collected at the CHOP hospital during the 4th and 107th days of pandemic in 2020 and which are stored in the medicaldata R package

Statistical analysis :

- Descriptive statistics to estimate the incidence of sars-cov-2 in the population, and to describe the characteristic of patients included in the study as well as testing service and result. Central tendance and spread measure will be calculate for numeric variable. For qualitative variable, we will evaluate the proportion
- Analytical statistic will be applied after evaluating the spread of our study population. Statistic test will be applied to evaluate the correlation between variable. And the p-value  $< 0.05$  with IC95% will be considered.

Results

Discussion

Conclusion

References

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