

This is a micro-review of the following article:
<https://doi.org/10.1126/science.abc3517>

Review of IFR point estimate for France in July 2020

by Outbreak Staff

Jan 15, 2021

covid-19-ifr

value: 0.5

value error low: 0.3

value error high: 0.9

region: France

publication date: 7/10/2020

The study by Salje et al [1] estimated the infection fatality rate (IFR) of Covid-19 on July 10th, 2020 using models developed from an active surveillance study of a closed population [2] and applied to prevalence data from hospitals in France.



The study includes IFR estimates stratified by age, ranging from 0.001% in those under 20 years of age to 8.3% in those 80 years of age or older.



The authors also note a possible bi-modal distribution of times of death after admission to hospital, clustered immediately after hospitalization (less than 1 day) and after two weeks of hospitalization.



Advantages of the study include stratifying IFR estimates by age group, which have very different IFRs.

Limitations of the study include lack of serological data from the study population which would have produced better estimates of infection prevalence.

References:

1) <https://doi.org/10.1126/science.abc3517>

2) https://www.eurosurveillance.org/content/10.2807/1560-7917.ES.2020.25.12.2000256#html_fulltext



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