



#389 Summary

SUMMARY REVIEW EDITING

Submission

Authors	Ansari Saleh Ahmar, R. Rusli
Title	Will Covid-19 cases in the World reach 4 million? a forecasting approach using SutteARIMA
Original file	389-899-1-SM.DOC 2020-08-13
Supp. files	None
Submitter	Ansari Saleh Ahmar
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Editor	Rahmat Hidayat
Abstract Views	163

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Submission Metadata

Authors

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Bio Statement	—
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Bio Statement	—

Title and Abstract

Title	Will Covid-19 cases in the World reach 4 million? a forecasting approach using SutteARIMA
Abstract	The objective of this study was to determine whether Covid-19 cases in the world would have reached 4 million cases with the SutteARIMA method forecasting approach. Data from this study were obtained from the Worldometer from 1 March 2020 to 05 May 2020. Data were used for data fitting from 1 March 2020 to 28 April 2020 (29 April 2020 – 05 May 2020). The data fitting is used to see the extent of the accuracy of the SutteARIMA method when predicting data. The MAPE method is used to see the level of data accuracy. Results of forecasting data for the period from 29 April 2020 to 05 May 2020: 72,731; 84,666; 92,297; 100,797; 84,312; 81,517; 74845. The accuracy of SutteARIMA for the period 30 April 2020 – 06 May 2020 shall be 0.069%. Forecast results for as many as 4 million cases, namely from 08 May 2020 to 10 May 2020: 3,966,786; 4,047,328 and 4,127,747. The SutteARIMA method predicts that 4 million cases of Covid-19 in the world will be reported on the WHO situation report on the day 110/111 or 09 May 2020/10 May 2020.

Indexing

Keywords	Covid-19; short-term forecast; SutteARIMA
Language	en

Supporting Agencies

Agencies	—
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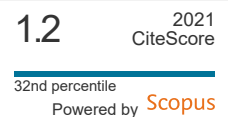
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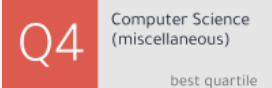
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 - » Added to review: May 29, 2020

References

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#389 Review

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 Title: Will Covid-19 cases in the World reach 4 million? a forecasting approach using SutteARIMA
 Section: Articles
 Editor: Rahmat Hidayat

Peer Review

Round 1

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Decision: Accept Submission 2020-08-14
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