

BUKTI KORESPONDENSI ARTIKEL JURNAL SINTA 5

Judul : FORECASTING THE NUMBER OF PASSENGER AT JENDERAL AHMAD YANI SEMARANG INTERNATIONAL AIRPORT USING HYBRID SINGULAR SPECTRUM ANALYSIS-NEURAL NETWORK (SSA-NN) METHOD

Penulis : Tresiani Yunitasari, M. Al Haris, Prizka Rismawati Arum

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#12036 Summary

SUMMARY REVIEW EDITING

Submission

Authors	Tresiani Yunitasari, M. Al Haris, Prizka Rismawati Arum
Title	Forecasting the Number of Passenger at Jenderal Ahmad Yani Semarang International Airport Using Hybrid Singular Spectrum Analysis-Neural Network (SSA-NN) Method
Original file	12036-36238-1-SM.DOCX 2023-04-04
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Submitter	M. Al Haris, M.Si
Date submitted	April 4, 2023 - 06:20 PM
Section	Articles
Editor	Fatkurokhman Fauzi, S.Si., M.Stat
Abstract Views	28

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[JSUNIMUS] Submission Acknowledgement Inbox x

 **Fatkhurokhan Fauzi, S.Si., M.Stat** <jurnal@unimus.ac.id> to me
Tue, Apr 4, 6:20 PM

M. Al Haris, M.Si:

Thank you for submitting the manuscript, "Forecasting the Number of Passenger at Jenderal Ahmad Yani Semarang International Airport Using Hybrid Singular Spectrum Analysis-Neural Network (SSA-NN) Method" to Jurnal Statistika Universitas Muhammadiyah Semarang. With the online journal management system that we are using, you will be able to track its progress through the editorial process by logging in to the journal web site:

Manuscript URL:
<https://jurnal.unimus.ac.id/index.php/statistik/author/submission/12036>
Username: al_haris


If you have any questions, please contact me. Thank you for considering this journal as a venue for your work.

Fatkhurokhan Fauzi, S.Si., M.Stat
Jurnal Statistika Universitas Muhammadiyah Semarang

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Perbaiki Artikel 17 April 2023

[JSUNIMUS] Editor Decision External Inbox x

 **Fatkhurokhan Fauzi, S.Si., M.Stat** <jurnal@unimus.ac.id>
to me, Tresiani, Prizka ▾

M. Al Haris, M.St:

We have reached a decision regarding your submission to Jurnal Statistika Universitas Muhammadiyah Semarang, "Forecasting the Number of Passenger at Jenderal Ahmad Yani Semarang International Airport Using Hybrid Singular Spectrum Analysis-Neural Network (SSA-NN) Method".

Our decision is to:

Fatkhurokhan Fauzi, S.Si., M.Stat
Department of Statistics, Universitas Muhammadiyah Semarang, Indonesia
Phone +62 877-0001-6217
fatkhurokhanf@unimus.ac.id

Reviewer A:

1. Suggestions/improvements that the author should make in the title:
Very good
2. Suggestions/improvements that the author should make on the Abstract and keywords:

3. Suggestions/improvements that the author should make in the introduction:

It is necessary to explain why using the combination of SSA with NN, besides the research aim is to determine a better forecasting model. The reasons for using SSA are clear, but it must improve the reasons for using NN model. If previous research does not explain that airplane passenger data has a nonlinear pattern, then it can be explained regarding the fluctuating pattern of passenger data, especially during Covid 19, which indicates an unstable data pattern.

4. Suggestions/improvements that the author should make on the methodology:
In the modeling procedure, please complete the summation step of all components before calculating the accuracy value (step number 4)

5. Suggestions/improvements that the author should make on the results and discussion:

1. The same title is in Tables 5 and 6.
2. This study aims to predict the number of passengers for the next 12 periods (according to the modeling procedure). However, Figure 7 shows a comparison of the actual values and results of the two methods. What data is used in Figure 7? If using original data, then the data pattern and the number of data differ between Figure 1 and 7 (The results from Figure 7 are method comparison graphs, not forecasting results). If it is a forecast for the next 12 months, it is impossible to compare it with actual data. If there is no forecasting result for the next 12 periods, it is necessary to add a graph or forecast value, with a brief explanation.

1. The same title is in Tables 5 and 6.
2. This study aims to predict the number of passengers for the next 12 periods (according to the modeling procedure). However, Figure 7 shows a comparison of the actual values and results of the two methods. What data is used in Figure 7? If using original data, then the data pattern and the number of data differ between Figure 1 and 7 (The results from Figure 7 are method comparison graphs, not forecasting results). If it is a forecast for the next 12 months, it is impossible to compare it with actual data. If there is no forecasting result for the next 12 periods, it is necessary to add a graph or forecast value, with a brief explanation.
6. Suggestions/improvements that the author should make at the conclusion:
In conclusion, it is necessary to explain how to forecast for the next 12 months.
7. Other suggestions/improvements that the author should make.:
In general, the research is good, but the most important thing is the suitability of the purpose with the results of the analysis. Because the main purpose of forecasting is to predict the next value, it is necessary to provide results and explanations regarding the forecasting results for the next period. Please correct again about the citation in the introduction.

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Editor Decision

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Decision	Accept Submission 2023-05-12
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[JSUNIMUS] Forecasting the Number of Passenger at Jenderal Ahmad Yani Semarang International Airport Using Hybrid Singular Spectrum Analysis-Neural Network (SSA-NN) Method External Inbox x

Fatkurokhman Fauzi, S.Si., M.Stat <jurnal@unimus.ac.id> Tue, May 30, 11:02 AM

to Tresiani, me, Prizka

Assalamualaikum wr.wb

good morning,

congratulation your article has been accepted Congratulations, your article has been accepted for publication in the Jurnal Statistika Universitas Muhammadiyah Semarang Vol 11, Issue 1, 2023. We attach the letter of acceptance (LoA).

Best regards

Editor In Chief
Fatkurokhman Fauzi

Jurnal Statistika Universitas Muhammadiyah Semarang (ISSN: 2338-3216)
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Letter of Acceptance

To Whom It May Concern

No.003/01/XI/JSUNIMUS/2023

Chief Editor of Jurnal Statistika Universitas Muhammadiyah Semarang has decided that the name of article bellow has been reviewed and will be published in Vol. 11 NO. 1 Mei 2023

Authors : Tresiani Yunitasari, M. Al Haris, Prizka Rismawati Arum
Email : alharis@unimus.ac.id
Title : Forecasting the Number of Passenger at Jenderal Ahmad Yani Semarang International Airport Using Hybrid Singular Spectrum Analysis-Neural Network (SSA-NN) Method
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Editor in Chief



Fatkhurokhman Fauzi, S.Si., M.Stat