

## [DSL] Submission ID 1811

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Min 01/01/2023 17.09

Kepada: Setiawan <setiawan@statistika.its.ac.id>;info@growingscience.com <info@growingscience.com>

Thank you for your submission to DSL. Below is a copy of the information submitted for your records.

Submission ID: 1811

Title: A modified generalized estimating equation approach for simultaneous spatial durbin panel model:  
Case study of economic growth in ASEAN countries

### Author 1:

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Topic(s): Multiple Criteria Decision Making

Keywords: economic growth, spatial econometrics, panel data, simultaneous equation, generalized estimating equation

Abstract: This article briefly explains the simultaneous spatial durbin panel (SSDP) model. The study of the SSDP model is substantial because it can explain the interaction between geographic units, is more informative, diverse, efficient, exhaustive, and accurate in reaching conclusions that influence the policy determination. This article's intention is to derive a parameter estimation method from the SSDP model using a modified generalized estimating equation approach, which is then used to model economic growth in ASEAN nations. This article compares the SSDP model with rook contiguity, 2-nearest neighbors, and a customized spatial weighted matrix in relation to an independent, first-order autoregressive, exchangeable working correlation structure. To model economic growth in ASEAN countries, a customized weighted matrix with first-order autoregressive and exchangeable working correlations is chosen based on the CIC value. The parameter analysis outcomes indicate: 1) it is a significant spatial dependence among ASEAN countries; 2) it is a significant simultaneous interaction among the gross domestic product (GDP) and foreign direct investment (FDI); 3) GDP has a greater influence on FDI than FDI does on GDP; 4) The economic growth is directly affected by the labor force total; and 5) trade openness has a direct effect on FDI.

Comments: Name: Muhammad Hisyam Lee

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## Re: Your paper in DSL #1811

Decision Science Letters <decisionletters@gmail.com>

Sel 24/01/2023 10.18

Kepada: Setiawan <setiawan@statistika.its.ac.id>

📎 1 lampiran (860 KB)

dsl\_2022\_53.pdf;

Dear Setiawan

The revised date has been attached

Best

On Tue, Jan 24, 2023 at 6:17 AM Setiawan <[setiawan@statistika.its.ac.id](mailto:setiawan@statistika.its.ac.id)> wrote:

Dear Makui.

I wish you well as you read this email.

I want to confirm the date, month, and year of the first online availability of our article at this link: [https://www.growingscience.com/dsl/online/dsl\\_2022\\_53.pdf](https://www.growingscience.com/dsl/online/dsl_2022_53.pdf) . Is December 6, 2023, correct, or maybe there was an error in entering the date, month, and year?

Thank you.

Best regards,

Setiawan.

Department of Statistics  
Faculty of Science and Data Analytics  
Institut Teknologi Sepuluh Nopember  
Surabaya, East Java, Indonesia

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**Dari:** Decision Science Letters <[decisionletters@gmail.com](mailto:decisionletters@gmail.com)>

**Dikirim:** Jumat, 06 Januari 2023 14.54

**Kepada:** Setiawan <[setiawan@statistika.its.ac.id](mailto:setiawan@statistika.its.ac.id)>

**Subjek:** Re: Your paper in DSL #1811

Dear Setiawan

Kindly, please visit our website at [https://growingscience.com/dsl/online\\_issues\\_dsl.html](https://growingscience.com/dsl/online_issues_dsl.html) download your paper, read it very carefully and let me know if there is any problem, Attached, please find the acceptance letter. Also, please sign the attached copyright form and email it back to me.

Sincerely  
Makui

On Fri, Jan 6, 2023 at 9:43 AM Decision Science Letters <[decisionletters@gmail.com](mailto:decisionletters@gmail.com)> wrote:

Dear Setiawan

Thanks for the payment. We will keep you informed shortly.

Sincerely  
Makui

On Fri, Jan 6, 2023 at 8:51 AM Setiawan <[setiawan@statistika.its.ac.id](mailto:setiawan@statistika.its.ac.id)> wrote:

Dear Makui,

We have made payments related to our articles. Here I attach proof of payment. Payment is made by one of the authors of our article, on behalf of ALFIRA MULYA ASTUTI.

Thank you.

Best regards,

Setiawan

Department of Statistics  
Faculty of Science and Data Analytics  
Institut Teknologi Sepuluh Nopember  
Surabaya, East Java, Indonesia

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**Dari:** Decision Science Letters <[decisionletters@gmail.com](mailto:decisionletters@gmail.com)>

**Dikirim:** Kamis, 05 Januari 2023 17.22

**Kepada:** Setiawan <[setiawan@statistika.its.ac.id](mailto:setiawan@statistika.its.ac.id)>

**Subjek:** Re: Your paper in DSL #1811

Thank you very much.

On Thu, Jan 5, 2023 at 12:46 PM Setiawan <[setiawan@statistika.its.ac.id](mailto:setiawan@statistika.its.ac.id)> wrote:

Dear Makui,

Thank you very much for your information. I will process the payment tomorrow morning, in Indonesia time. Because, in Indonesia, the bank is currently closed. I will let you know as soon as I make the payment. Thank you for the policy.

Best regards,

Setiawan

Department of Statistics  
Faculty of Science and Data Analytics  
Institut Teknologi Sepuluh Nopember

Surabaya, East Java, Indonesia

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**Dari:** Decision Science Letters <[decisionletters@gmail.com](mailto:decisionletters@gmail.com)>

**Dikirim:** Kamis, 05 Januari 2023 15.06

**Kepada:** Setiawan <[setiawan@statistika.its.ac.id](mailto:setiawan@statistika.its.ac.id)>

**Subjek:** Re: Your paper in DSL #1811

Dear Setiawan

Thank you for your email. Please note we do not accept credit cards but you may create an account with PayPal.com and link it to your credit card and make the payment.

You may use the following two options to make the payment.

1. PayPal: In this case you could make \$1100USD+4%=\$1145USD to our account:  
[growingscience@gmail.com](mailto:growingscience@gmail.com)
2. Bank account: Please make \$1100+17%=\$1117USD to the following bank account

Account Holder First Name: Seyed Jafar  
Account Holder Last Name: Sadjadi  
Bank Name: RBC ROYAL Bank  
Bank Address: 248 King St N, Waterloo, ON N2J 2Y7, Canada  
Transit Number: 07702  
Bank Account: 4527420  
International Bank Swift Code: ROYCCAT2  
Tel.: Phone: +1 519-747-8320  
CC Code CC0003TRANSIT e.g. CC000307702  
RBC Royal Bank Routing/ABA number: 021000021

The address of the bank account holder is also as follows,

32 Schubert Dr Toronto Ontario, M1E 1Y7

In case your bank is willing to make the payment in Canadian dollars, you may make \$1570CAN to the following Canadian account

Account Holder First Name: Seyed Jafar  
Account Holder Last Name: Sadjadi  
Bank Name: RBC Royal Bank  
Bank Address: 248 King St. North, Waterloo, Ontario, N2J 2Y7  
Transit Number: 07702  
Bank Account: 5263421  
International Bank Swift Code: ROYCCAT2  
CC Code CC0003TRANSIT e.g. CC000307702  
RBC Royal Bank Routing/ABA number: 021000021

Again The address of the bank account holder is also as follows,

32 Schubert Dr. Toronto, Ontario, Canada, M1E 1Y7

Once you make the payment, we will keep you informed shortly.

Sincerely  
Makui

On Thu, Jan 5, 2023 at 11:27 AM Setiawan <[setiawan@statistika.its.ac.id](mailto:setiawan@statistika.its.ac.id)> wrote:

Dear Makui,

Thank you very much for the good news. We'll utilize your services. Please inform me about the payment options for the service. Can I use a credit card?

Thank you so much

Best regards,

Setiawan

Department of Statistics  
Faculty of Science and Data Analytics  
Institut Teknologi Sepuluh Nopember  
Surabaya, East Java, Indonesia

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**Dari:** Decision Science Letters <[decisionletters@gmail.com](mailto:decisionletters@gmail.com)>

**Dikirim:** Kamis, 05 Januari 2023 14.34

**Kepada:** Setiawan <[setiawan@statistika.its.ac.id](mailto:setiawan@statistika.its.ac.id)>

**Subjek:** Re: Your paper in DSL #1811

Dear Setiawan

I have received the comments from one of the reviewers and it appears that the paper could be considered for publication should it go under careful editing. We have a group of people who could do this and in case they do the editing your paper will be accepted. The cost of our service is \$1100USD. However, it is not obligatory and you may use your own service. If you wish to use our service please let me know, otherwise, feel free to upload a high quality paper using the UPLOAD option.

In case you wish to use our service, please let me know so that I could send you details of the payment.

Sincerely  
Makui

On Thu, Jan 5, 2023 at 6:41 AM Setiawan <[setiawan@statistika.its.ac.id](mailto:setiawan@statistika.its.ac.id)> wrote:

Dear Makui,

The following is the result of checking the similarity index using the iThenticate software.

Thank you.

Best Regards,

Setiawan

Department of Statistics  
Faculty of Science and Data Analytics  
Institut Teknologi Sepuluh Nopember  
Surabaya, East Java, Indonesia.

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**Dari:** Decision Science Letters <[decisionletters@gmail.com](mailto:decisionletters@gmail.com)>

**Dikirim:** Senin, 02 Januari 2023 23.46

**Kepada:** Setiawan <[setiawan@statistika.its.ac.id](mailto:setiawan@statistika.its.ac.id)>

**Subjek:** Your paper in DSL #1811

Dear Author

Could you please email me the results of the similarity index using software.

Sincerely  
Makui