[EJ] Submission Acknowledgement

Dear Yasser Abd Djawad,

Thank you for submitting your manuscript, "Essential feature extraction of photoplethysmography signal of men and women in their 20s" to Engineering Journal. With our online journal management system, you will be able to track its progress through the editorial process at:

Manuscript URL: http://engj.org/index.php/ej/author/submission/1355
Username: yasserdj

Please contact us if you have any questions. Thank you for considering this journal as a venue for your work.
-
Engineering Journal (EJ)
Web: http://engj.org/
ISSN: 0125-8281

[EJ] Editor Decision

Dear Yasser Abd Djawad,

We have completed the reviewing process of your recent submission titled, "Essential feature extraction of photoplethysmography signal of men and women in their 20s" to Engineering Journal, and reached a decision that revisions are required before your article can be reconsidered for publication. You can find the reviewers' comments at the end of this email.

Carefully evaluate these comments and make corresponding amendments to your manuscript. When submitting your revised manuscript, please upload your document (in .doc or .docx format or LaTeX source files) to the journal website together with a response to reviewers or a list of changes you have made. If the title of your manuscript is changed, please also update the metadata of your submission in the 'Summary' section.

Whenever possible, please consider citing articles that have already been published by Engineering Journal.

Please note that we expect to receive your revised manuscript within four weeks from the decision date. Manuscripts submitted beyond this time may be treated as new submissions. Please inform us in advance if more time is required to revise your manuscript.

Yan Zhao, PhD
Managing Editor

Reviewer A:

This paper proposes a method for extracting men and women features of PPG signals by using Power Spectral Density (PSD) and Detrended Fluctuation Analysis (DFA). It is well presented. However, the author should revise and correct some mistakes as the following comments.

General comments:
1. Typos and grammatical errors: For examples, on page #2, "….only SDNN

has a significant differences …..”; on page #4, “…and the can be defined as : …”; on page #4 “where ^xt(!)) is Fourier transform of signal x(t).”; and so on.

Technical comments:
1. In section 3.1, the author should give more reasons and explanations why use 4 of frequency bands for Power Spectral Density analysis.
2. In the experiment, there are no baseline methods for illustrating the performance comparison. It would be better if the author can compare the proposed method with existing methods (baseline comparisons).

[EJ] Editor Decision

Editorial Office <ed.office@engj.org>

Dear Yasser Abd Djawad,

We are pleased to inform you that your recent submission titled, "Essential Feature Extraction of Photoplethysmography Signal of Men and Women in Their 20s", has been accepted for publication in Engineering Journal.

Your article is scheduled to be included in our July 2017 issue, and currently can be viewed at the following link:
http://engj.org/index.php/ej/issue/inpress

We will contact you again when your proof is ready for you to check before its publication. Thank you for your interest in Engineering Journal. We look forward to publishing your article.

Yan Zhao, PhD
Managing Editor
Engineering Journal (EJ)
Web: http://engj.org/
ISSN: 0125-8281

[EJ] New notification from Engineering Journal

Mr. Ekatet Intakan <ej.office@engj.org>

Thu, 10 Aug 2017, 20:28

You received a new notification from Engineering Journal:

There is new activity in the discussion titled "Copyediting" regarding the submission
" Essential Feature Extraction of Photoplethysmography Signal of Men and Women in Their 20s".

Link: http://www.engj.org/index.php/ej/authorDashboard/submission/1355

Engineering Journal (EJ)
Web: http://engj.org/
ISSN: 0125-8281

[ins] Journal Registration

Melvi <insist@eng.unila.ac.id>   23 Jul 2019, 19:27

to me

Yasser Abd Djawad

You have now been registered as a user with INSIST. We have included your username and password in this email, which are needed for all work with this journal through its website. At any point, you can ask to be removed from the journal's list of users by contacting me.

Username: yasserdj
Password: Acce1973

Thank you,
Melvi

_____
__
INSIST
http://insist.unila.ac.id/index.php/ojs

Melvi <insist@eng.unila.ac.id>   Tue, 23 Jul 2019, 20:28

to me

Yasser Abd Djawad:

Thank you for submitting the manuscript, "The Development of an Intelligent e-health Mobile Application in Indonesia : A Preliminary Study" to INSIST. 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: http://insist.unila.ac.id/index.php/ojs/author/submission/96
Username: yasserdj

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

Melvi
INSIST

Pengelola Jurnal Insist <insist@eng.unila.ac.id>   Tue, 11 Aug
                                                              2020, 13:37

to Shormee, ahyarsupani, bayupetrus, citra.persada, me, mahfut.mipa

Dear Author(s),

We would like to inform you that you article(s) have been published on INSIST Volume 4 Issue 2, which is available in the following URL:

http://insist.unila.ac.id/index.php/ojs/issue/view/9

We are preparing all article in the issue to be registered at Crossref for the DOI.

Could you please to go through your article, and make sure all the author's name, affiliation, and email are complete and correct, as well as the contents of your article. If you have some revisions, please send the revised version of your article to insist@eng.unila.ac.id by 14 August 2020.

Thank your for your attention and contribution to INSIST.

Best regards,

Ardian Ulvan
Editor

[Scopus Author ID: 23020493200]
Universitas Lampung,
Department of Electrical Engineering,
Bandar Lampung
INDONESIA

[ISI] Submission Acknowledgement

editor.isi <editor.isi@iieta.org>

Sat, 4 Jul, 01:53

Yasser Abd Djawad:

Thank you for submitting the manuscript,
" Discrimination of nitrogen concentration of fertilized corn with extracted algae and polymer based on its l eaf color images" to Ingenierie des Systemes d'Information. 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:

Submission URL: http://iieta.org/ojs/index.php/ISI/authorDashboard/submission/8058
Username: yasserdj

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

editor.isi

Revise your manuscript submitted to ISI

editor.isi@iieta.org

Wed, 15 Jul, 16:00

Thank you for contributing your paper to **INGÉNIERIE DES SYSTÈMES D'INFORMATION**!

- Please revise your paper according to the attached comments.
- Highlight the revised parts in the final version of your paper and give a response according to review comments.
- Please typeset your paper according to template.

To ensure fast publication of your paper, please return your revised manuscript and answers to all queries to this email before **July 20th, 2020**. Thus, we have enough time to process your manuscript in the next step. For further assistance, please do not hesitate to contact us via this email.

Best regards,

ISI Editorial Board
Ingénierie des Systèmes d'Information
http://www.iieta.org/Journals/ISI
International Information and Engineering Technology Association (IIETA)
http://www.iieta.org/

Title : Discrimination of nitrogen concentration of fertilized corn with extracted algae and polymer based on its leaf color images

It is a topic of interest to the researchers in the related areas but the paper needs some improvement before acceptance for publication. My detailed comments are as follows:

(1) The Abstract needs to be reorganized and adjusted. Please clarify the technology used, and the conclusions.

The first is to introduce the research problem and purpose. It's mentioned in this paper that "determination of nitrogen levels in plants is essential for variable rate fertilizer application in precision agriculture. In the past, several techniques have been developed for nitrogen concentration estimation in plants and crops employing vision system, however, they are computationally expensive and hence require a considerable amount of time to produce accurate results", which is acceptable.

Second, it should propose the method used to solve the proposed problems, i.e., the research method. In this paper, the algae and polymer extraction technology based on the leaf color image was used. The color

image of the leaf was processed by detecting the red, green, and blue (RGB) values of the leaf, and then compared with the standard intensity level to identify the nitrogen concentration of fertilized corn in real time.

The third is to give the results for the problem solution. The experimental results in this study show that this technology can accurately detect low or high concentration in corn and improve the utilization rate of nitrogen fertilizer. The experimental results show that this technology can accurately detect low or high concentration in corn and improve the utilization rate of nitrogen fertilizer.

Fourth, it should give the theoretical contribution and practical application value of the research results should be given. In this paper, this part is cumbersome. This technology can be applied to a variety of crops, improve agricultural productivity and resource utilization, and ensure the sustainable development of agriculture.

(2) The experimental data and materials are lacking in Part 2.
(3) In the third part, it didn't clearly explain the software technology used, its advantages compared with the previous technology, and the application in the experiment; also it lacks a sufficient description of the image processing method. This paper should focus on algae and polymer extraction techniques based on leaf color images, rather than exploring the effects of nitrogen concentration on corn.
(4) The pictures in the paper are not clear enough. It is recommended to replace them. The reader cannot observe the experimental result intuitively. Please mark them clearly in the images. The image description in the Experiment part was not concise. It is recommended to re-describe the experimental result image, and highlighting the key point of view.
(5) The conclusion is almost the same as the abstract content. The conclusion should be accurate, complete and refined, including the problems solved in the research results, shortcomings and unresolved problems of this study, as well as possible key points and directions.

Title : Discrimination of nitrogen concentration of fertilized corn with extracted algae and polymer based on its leaf color images

It is a topic of interest to the researchers in the related areas but the paper needs some improvement before acceptance for publication. My detailed comments are as follows:

Comment
The Abstract needs to be reorganized and adjusted. Please clarify the technology used, and the conclusions.
Response
Thank you for the suggestion the comments have been implemented in the abstract and is highlighted for your ease.

The first is to introduce the research problem and purpose. It's mentioned in this paper that "determination of nitrogen levels in plants is essential for variable rate fertilizer application in precision agriculture. In the past, several techniques have been developed for nitrogen concentration estimation in plants and crops employing vision system, however, they are computationally expensive and hence require a considerable amount of time to produce accurate results", which is acceptable.

Second, it should propose the method used to solve the proposed problems, i.e., the research method. In this paper, the algae and polymer extraction technology based on the leaf color image was used. The color image of the leaf was processed by detecting the red, green, and blue (RGB) values of the leaf, and then compared with the standard intensity level to identify the nitrogen concentration of fertilized corn in real time.

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Fourth, it should give the theoretical contribution and practical application value of the research results should be given. In this paper, this part is cumbersome. This technology can be applied to a variety of crops, improve agricultural productivity and resource utilization, and ensure the sustainable development of agriculture.

Comment
The experimental data and materials are lacking in Part 2.
Response
the experimentation has been updated on page number 2, providing more information regarding the experiments that were performed.

Comment
In the third part, it didn't clearly explain the software technology used, its advantages compared with the previous technology, and the application in the experiment; also it lacks a sufficient description of the image processing method. This paper should focus on algae and polymer extraction techniques based on leaf color images, rather than exploring the effects of nitrogen concentration on corn.
Response

The software technology advantages and application has been updates and highlighted for your ease. The image processing methods is explained in more detail.

Comment

The pictures in the paper are not clear enough. It is recommended to replace them. The reader cannot observe the experimental result intuitively. Please mark them clearly in the images. The image description in the Experiment part was not concise. It is recommended to re-describe the experimental result image, and highlighting the key point of view.

Response

The pictures have been replaced with more clear images.

Figure 7 has been added with pinpoint the different between the graph by using a black line along with the x-axis value.

Comment

The conclusion is almost the same as the abstract content. The conclusion should be accurate, complete and refined, including the problems solved in the research results, shortcomings and unresolved problems of this study, as well as possible key points and directions.

Response

the conclusion has been updated and the updated part is now heighted for better understanding. Thank you for the suggestion.

Galley proof of your paper submitted to ISI!

editor.isi@iieta.org

Thu, 23 Jul, 10:39

Dear author,

Thank you for contributing your paper to INGÉNIERIE DES SYSTÈMES D'INFORMATION!

Please revise your paper with particular reference to the following points:

1.   Please revise your paper according to the attached **template**.

2.   Please give the institutional email of the corresponding author.

3.   Attach DOI to references as demonstrated in the template. Click http://www.crossref.org/guestquery/ for a DOI query.

4.   Please highlight the revised parts.

5.   Please fill in "Copyright Transfer Agreement". Please note that "corresponding author's signature" in the agreement shall be manually signed.

To ensure fast publication of your paper, please return your revised manuscript **before July 25th, 2020**. For further assistance, please do not hesitate to contact us via this e-mail.

Best regards,

ISI Editorial Board
Ingénierie des Systèmes d'Information
http://www.iieta.org/Journals/ISI
International Information and Engineering Technology Association (IIETA)
http://www.iieta.org/

Final Proof of your paper submitted to ISI!

editor.isi@iieta.org

Fri, 24 Jul, 16:20

Dear author,

Before publication, it is decided that this final proof should be sent to the authors once again for careful reading and re-check, to rule out the mistakes / errors of all kinds.

Download "final proof". Read them carefully with particular reference to the following points:

1. Check with care all the symbols in the text. Please highlight the revised parts.

2. No revision will be allowed after the final proof.

Please return the corrected final proof **before July 27th, 2020**.

It is our mutual responsibility that the academic works published in the journal should be "mistake or error free" and of quality as well. Our attention and efforts to this would make the journal still better, besides enhancing the utility of your published research.

Kind regards,

Welcome to Editorial Manager for Sensing and Bio-Sensing Research

Dear Yasser Djawad,

Sensing and Bio-Sensing Research has moved to Editorial Manager (EM), Elsevier's online submission and peer review tracking system. Your EVISE account information and complete submission history are now available in EM.

Login instructions:

Your username is: yasser.djawad@unm.ac.id

When you log into the system for the first time you will need to create a password here: https://www.editorialmanager.com/sbsr/l.asp?i=3792&l=J3ULGWJO

You can access the new EM site for Sensing and Bio-Sensing Research here: https://www.editorialmanager.com/sbsr/

Please make note of your username and password which you will need for future logins. You can update your details at any time via the "Update My Information" link on the menu.

Your EM credentials are not linked to your Elsevier Profile. The username/password associated with your Elsevier Profile remain unchanged.

Note: Please ensure to read and agree to the privacy policy of your account as soon as you login, so that, we can support you better during trouble shooting.

Kind regards,

Sensing and Bio-Sensing Research

Successfully received: submission The application of detrended fluctuation analysis to assess cell size of the human cell line ECV304 following toxic challenges for Sensing and Bio-Sensing Research

Sat, 10 Nov 2018, 19:32

This message was sent automatically. Please do not reply.

Ref: SBSR_2018_125
Title: The application of detrended fluctuation analysis to assess cell size of the human cell line ECV304 following toxic challenges
Journal: Sensing and Bio-Sensing Research

Dear Dr. Djawad,

Thank you for submitting your manuscript for consideration for publication in Sensing and Bio-Sensing Research. Your submission was received in good order.

Authors who have accepted the transfer offer can make use of the waiver request. Please email transferredpapers@elsevier.com and provide the following information:

- Manuscript ID of the original submission journal:
- Manuscript ID of the transfer submission journal:

Our open access pricing team will handle your waiver request.
To track the status of your manuscript, please log into
EVISE® at: http://www.evise.com/evise/faces/pages/navigation/NavController.jspx?JRNL_ACR=SBSR and locate your submission under the header 'My Submissions with Journal' on your 'My Author Tasks' view.

Thank you for submitting your work to this journal.

Kind regards,

Sensing and Bio-Sensing Research

Revision requested for SBSR_2018_125

Ref: SBSR_2018_125
Title: The application of detrended fluctuation analysis to assess cell size of the human cell line ECV304 following toxic challenges
Journal: Sensing and Bio-Sensing Research

Dear Dr. Djawad,

Thank you for submitting your manuscript to Sensing and Bio-Sensing Research. I have completed the review of your manuscript and a summary is appended below. The reviewers recommend reconsideration of your paper following major revision. I invite you to resubmit your manuscript after addressing all reviewer comments.

When resubmitting your manuscript, please carefully consider all issues mentioned in the reviewers' comments, outline every change made point by point, and provide suitable rebuttals for any comments not addressed.

To submit your revised manuscript:

- Log into
  EVISE® at: http://www.evise.com/evise/faces/pages/navigation/NavController.jspx?JRNL_ACR=SBSR
- Locate your manuscript under the header 'My Submissions that need Revisions' on your 'My Author Tasks' view
- Click on 'Agree to Revise'
- Make the required edits
- Click on 'Complete Submission' to approve

What happens next?

After you approve your submission preview you will receive a notification that the submission is complete. To track the status of your paper throughout the editorial process, log in to
Evise® at: http://www.evise.com/evise/faces/pages/navigation/NavController.jspx?JRNL_ACR=SBSR.

Enrich your article to present your research with maximum impact. This journal supports the following Content Innovations:
Data in Brief (optional)

We invite you to convert your supplementary data (or a part of it) into a Data in Brief article. Data in Brief articles are descriptions of the data and associated metadata which are normally buried in supplementary

material. They are actively reviewed, curated, formatted, indexed, given a DOI and freely available to all upon publication. Data in Brief should be uploaded with your revised manuscript directly to Sensing and Bio-Sensing Research. If your Sensing and Bio-Sensing Research research article is accepted, your Data in Brief article will automatically be transferred over to our new, fully Open Access journal, Data in Brief, where it will be editorially reviewed and published as a separate data article upon acceptance. The Open Access fee for Data in Brief is $500.

Please just fill in the template found here: http://www.elsevier.com/inca/publications/misc/dib_data%20article%20template_for%20other%20journals.docx. Then, place all Data in Brief files (whichever supplementary files you would like to include as well as your completed Data in Brief template) into a .zip file and upload this as a Data in Brief item alongside your Sensing and Bio-Sensing Research revised manuscript. Note that only this Data in Brief item will be transferred over to Data in Brief, so ensure all of your relevant Data in Brief documents are zipped into a single file. Also, make sure you change references to supplementary material in your Sensing and Bio-Sensing Research manuscript to reference the Data in Brief article where appropriate.

Questions? Please send your inquiries to dib@elsevier.com. Example Data in Brief can be found here: http://www.sciencedirect.com/science/journal/23523409

I look forward to receiving your revised manuscript as soon as possible.

Kind regards,
Editor-in-Chief
Sensing and Bio-Sensing Research

Comments from the editors and reviewers:

Title: The application of detrended fluctuation analysis to assess cell size of the human cell line ECV304 following toxic challenges

General comments: This research paper by Djawad et al., developed an impedance-based sensor system for characterizing the toxic response of cells to three different types of toxin. It seems the topic is interesting and describes well, but Author's need to improve the flow of the manuscript. So, this manuscript can be marginally acceptable. However, there are some questions with it that need to be addressed before publication in the Journal. And the specific comments are listed as below to improve the quality of this manuscript.

Major Comments:

1.   I would suggest changing the title "physical behavior" instead of "cell size".

2.   Authors mentioned in text "For cells treated with saponin there was a significant reduction in cell size between 1 minute and 80 minutes of exposure ($p<0.01$) whereas there was not a significant

difference in the cell size between 80 and 120 minutes exposure to saponin", which means cells are recovered from the stress or no active free radicals are present in between 80 and 120 minutes. Please provide the detailed discussion.

3.   Authors please clarify cells are maintained at 35.7ºC or 37ºC.

4.   Authors mentioned in text "the trypsin was deactivated by the addition of 2 mL of growth medium" I would say trypsin was neutralized by the addition of 2 mL of growth medium.

5.   Authors mentioned in text "The main applications for DMSO are found in the food, pharmacy and agrochemicals sectors. [22] found that DMSO changed the morphology of cells and, depending upon the concentration, reduces the cell viability." Please fix the typographical and grammatical errors.

6.   Authors mentioned in text "In this study a cytotoxicity test was developed using ECV304 cells to investigate the response to three different toxins using DFA." Please fix the errors.

7.   Authors investigated cells cytotoxicity with 75-80% confluence, but the provided image (Figure 2) look like 100% confluence so please clarify how author calculated the 75-80% confluence.

8.   Authors missed to provide the Manufacturer name and location info (city, country) for all instruments which were used in this work.

9.   Please provide the details for capturing images which are live cell or fixed cell images.

10. Figure 2 please provide microscope images with scale bare.

11. The manuscript contains typographical and grammatical errors. As this is concerned, the manuscript must be improved as well.

Revision requested for SBSR_2018_125_R2

Ref: SBSR_2018_125_R2
Title: The application of detrended fluctuation analysis to assess physical characteristics of the human cell line ECV304 following toxic challenges
Journal: Sensing and Bio-Sensing Research

Dear Dr. Djawad,

Thank you for submitting your manuscript to Sensing and Bio-Sensing Research. Please could you make your scale bar 10 microns which would be a more realistic value. Then we can accept the paper.

When resubmitting your manuscript, please carefully consider all issues mentioned in the reviewers' comments, outline every change made point by point, and provide suitable rebuttals for any comments not addressed.

To submit your revised manuscript:

- Log into EVISE® at: http://www.evise.com/evise/faces/pages/navigation/NavController.jspx?JRNL_ACR=SBSR
- Locate your manuscript under the header 'My Submissions that need Revisions' on your 'My Author Tasks' view
- Click on 'Agree to Revise'
- Make the required edits
- Click on 'Complete Submission' to approve

Your manuscript SBSR_2018_125_R3 has been accepted

Ref: SBSR_2018_125_R3
Title: The application of detrended fluctuation analysis to assess physical characteristics of the human cell line ECV304 following toxic challenges
Journal: Sensing and Bio-Sensing Research

Dear Dr. Djawad,

I am pleased to inform you that your paper has been accepted for publication. My own comments as well as any reviewer comments are appended to the end of this letter.

Your accepted manuscript will now be transferred to our production department. We will create a proof which you will be asked to check. You can read more about this here. Meanwhile, you will be asked to complete a number of online forms required for publication. If we need additional information from you during the production process, we will contact.

Thank you for submitting your work to Sensing and Bio-Sensing Research. We hope you consider us again for future submissions.

Kind regards,

Richard Luxton
Editor-in-Chief
Sensing and Bio-Sensing Research

Production has begun on your article [SBSR_100269] in Sensing and Bio-Sensing Research

Fri, 1 Mar 2019, 01:59

Our reference: SBSR 100269
Article reference: SBSR_2018_125
Article title: The application of detrended fluctuation analysis to assess physical characteristics of the human cell line ECV304 following toxic challenges
To be published in: Sensing and Bio-Sensing Research

Dear Dr Djawad,

Thank you for choosing to publish in Sensing and Bio-Sensing Research. Please read this e-mail carefully as it contains important information.

FINALIZE PUBLISHING YOUR ARTICLE:

We work hard to publish our authors' articles online as quickly and efficiently as possible, therefore processing of your accepted manuscript for publication has already begun. To ensure that we publish your article in accordance with your wishes, please now complete the forms found here:

http://authors.elsevier.com/authorforms/SBSR100269/1c6f97bc9c31ddd10061a294b418dbe7

If this link does not work, please copy the entire URL (noting that it may run on to a second line in this message) into your browser. You should log in with your Elsevier Profile credentials, which you may have already created when submitting your article.

CHECK YOUR CONTACT DETAILS:

Please check that your details listed below are correct so we can contact you if needed:

Dr Yasser Abd Djawad
Indonesia
Phone: not available

Fax: not available
E-mail: yasser.djawad@unm.ac.id

YOUR REFERENCE NUMBER:

Lastly, to help us provide you with the best service, please make a note of your article's reference number SBSR 100269 and quote it in all of your messages to us.

Thank you for your cooperation. Please contact us if you have any questions.

Kind regards,

Mr. UTHIRASAMY VIJAYAKUMAR
Data Administrator
Elsevier
E-Mail: u.vijayakumar@elsevier.com

Successfully received: submission Development of an intelligent mobile phone application for health surveillance system in Indonesia for IRBM

IRBM <EviseSupport@elsevier.com>

This message was sent automatically.

Ref: IRBM_2018_239
Title: Development of an intelligent mobile phone application for health surveillance system in Indonesia
Journal: IRBM

Dear Dr. Djawad,

Thank you for submitting your manuscript for consideration for publication in IRBM. Your submission was received in good order.

To track the status of your manuscript, please log into
EVISE® at: http://www.evise.com/evise/faces/pages/navigation/NavController.jspx?JRNL_ACR=IRBM an
d locate your submission under the header 'My Submissions with Journal' on your 'My Author Tasks' view.

Thank you for submitting your work to this journal.

Kind regards,

IRBM

Revision requested for IRBM_2018_239

Frederique Frouin (IRBM) <EviseSupport@elsevier.com>

Fri, 26 Apr 2019, 22:25

Ref: IRBM_2018_239
Title: Development of an intelligent mobile phone application for health surveillance system in Indonesia
Journal: IRBM

Dear Dr. Djawad,

Thank you for submitting your manuscript to IRBM. I have completed the review of your manuscript and a summary is appended below. The reviewers recommend reconsideration of your paper following major revision. I invite you to resubmit your manuscript after addressing all reviewer comments.

When resubmitting your manuscript, please carefully consider all issues mentioned in the reviewers' comments, outline every change made point by point, and provide suitable rebuttals for any comments not addressed.

To submit your revised manuscript:

- Log into
  EVISE® at: http://www.evise.com/evise/faces/pages/navigation/NavController.jspx?JRNL_ACR=IRBM
- Locate your manuscript under the header 'My Submissions that need Revisions' on your 'My Author Tasks' view
- Click on 'Agree to Revise'
- Make the required edits
- Click on 'Complete Submission' to approve

What happens next?

After you approve your submission preview you will receive a notification that the submission is complete. To track the status of your paper throughout the editorial process, log in to Evise® at: http://www.evise.com/evise/faces/pages/navigation/NavController.jspx?JRNL_ACR=IRBM.

I look forward to receiving your revised manuscript as soon as possible.

Kind regards,

Editor-in-Chief
IRBM - Innovation and Research in BioMedical Engineering

Comments from the editors and reviewers:
-**Reviewer 1**

 -

The introduction of the manuscript gives the readers the impression that this study will propose an IT infrastructure for health care, more specifically an infrastructure that will benefit remote areas. However, the definition of the infrastructure could be better elaborated. For instance:
- providing a better description of the context where that infrastructure will be deployed,
- defining a software architecture diagram showing the modules and elaborating about the responsibility of each module and the communication between them,
- elaborate about the how and where each software piece should be deployed in specific hardware and how it should work.
- The idea is to provide enough information for future researchers to replicate the same infrastructure in the future. They will be able to do that looking at this article.

Please, notice that in sections 2 and 3 you have tried to describe how you classify the symptoms, how you've defined the machine learning piece and the discussion about the data results. However, the Introduction, Discussion and Conclusion sections seems addressed to the infrastructure itself that should be better elaborated in the previous sections.

To sum up, I believe that there is a misunderstanding about the main topic defined in the introduction (infrastructure) and the content that was elaborated (machine learning piece). While the article has great content, it requires a more careful review to ensure that the sections in the manuscript are consistent.

In addition, this reviewer believes that the article should go through a detailed copy editing exercise as there are numerous typos and issues with the writing style.

Decision on submission to IRBM

Thu, 6 Aug, 17:13

CC: mircea-dan.istrate@utc.fr

Manuscript Number: IRBM_2018_239R1

Development of an intelligent mobile phone application for health surveillance system in Indonesia

Dear Dr Djawad,

Thank you for submitting your manuscript to IRBM.

I have completed my evaluation of your manuscript. The reviewers recommend reconsideration of your manuscript following minor revision and modification. I invite you to resubmit your manuscript after addressing the comments below. Please resubmit your revised manuscript by Sep 05, 2020.

When revising your manuscript, please consider all issues mentioned in the reviewers' comments carefully: please outline every change made in response to their comments and provide suitable rebuttals for any comments not addressed. Please note that your revised submission may need to be re-reviewed.

To submit your revised manuscript, please log in as an author at https://www.editorialmanager.com/irbm/, and navigate to the "Submissions Needing Revision" folder under the Author Main Menu.

IRBM values your contribution and I look forward to receiving your revised manuscript.

Kind regards,

David Melodelima

Editor-in-Chief

IRBM

Editor and Reviewer comments:

Reviewer #1: - In the first paragraph of the introduction, can you include references when talking about health of rural/remote areas?
- During the introduction, can you include more information on what differentiates this study from previous studies (e.g., is this the first study of its kind in Indonesia and/or training an SVM with this dataset and/or if other studies are acknowledging this area?)
- In the introduction, I found it a bit confusing to understand exactly what diseases you are looking at, as you cite several related works in cancer and other diseases. While this is expanded on the methods section, can you clarify in the introduction which disease domain you are looking at for this work?
- As a suggestion, the first part of the discussion (talking about SMS in rural areas) can be changed to the Introduction to describe the novelty of this study and its applicability in remote settings from the beginning of the paper
- While it doesn't affect the interpretability of the text, it would be interesting to see Figures of the app's interface for data collection (e.g., GUI).
- On the same note, would it be interesting (and feasible given the requirements of the paper) to include additional Tables with the characteristics of the patients whose data has been collected (e.g., sex, age. etc.)
- In the Discussion, you say: "In case the system fails to predict, the data will be analysed by a doctor". Shouldn't the doctor look at the data even if the system predicts the disease, to confirm the diagnosis? Still on that note, is the prediction result given to patients by SMS?
- Really liked the explanation of SVMs! Both the math and concepts were very clear.
- This is a very interesting work with potential to have meaningful impact on people's lives. Congratulations!

Reviewer #2: The authors responses are appreciated. The paper can be published.

Decision on submission to IRBM

Mon, 5 Oct, 00:49

CC: mircea-dan.istrate@utc.fr

Manuscript Number: IRBM_2018_239R2

Development of an intelligent mobile health monitoring system for health surveillance system in Indonesia

Dear Dr Djawad,

Thank you for submitting your manuscript to IRBM.

I am pleased to inform you that your manuscript has been accepted for publication.

My comments, and any reviewer comments, are below.
Your accepted manuscript will now be transferred to our production department. We will create a proof which you will be asked to check, and you will also be asked to complete a number of online forms required for publication. If we need additional information from you during the production process, we will contact you directly.

We appreciate you submitting your manuscript to IRBM and hope you will consider us again for future submissions.

Kind regards,
David Melodelima
Editor-in-Chief

IRBM