

Review Form 3

| | |
|--------------------------|---|
| Journal Name: | Asian Journal of Research in Computer Science |
| Manuscript Number: | Ms_AJRCOS_129746 |
| Title of the Manuscript: | Lung Disease Classification and Detection based on Convolutional Neural Network: A review |
| Type of the Article | |

General guidelines for the Peer Review process:

This journal's peer review policy states that **NO** manuscript should be rejected only on the basis of '**lack of Novelty**', provided the manuscript is scientifically robust and technically sound. To know the complete guidelines for the Peer Review process, reviewers are requested to visit this link:

<https://r1.reviewerhub.org/general-editorial-policy/>

Important Policies Regarding Peer Review

Peer review Comments Approval Policy: <https://r1.reviewerhub.org/peer-review-comments-approval-policy/>

Benefits for Reviewers: <https://r1.reviewerhub.org/benefits-for-reviewers>

PART 1: Comments

| | Reviewer's comment | Author's Feedback <i>(Please correct the manuscript and highlight that part in the manuscript. It is mandatory that authors should write his/her feedback here)</i> |
|--|--|--|
| Please write a few sentences regarding the importance of this manuscript for the scientific community. A minimum of 3-4 sentences may be required for this part. | This manuscript is important for the scientific community. lung disease is a growing disease. It is important if we can detect at a early stage. Although there is a lot of research in this topic. It will be better if instead of a binary classification it will be a multi label classification. | |
| Is the title of the article suitable? (If not please suggest an alternative title) | Title is Ok but it can be improved if the title has the exact disease that is classifying | |
| Is the abstract of the article comprehensive? Do you suggest the addition (or deletion) of some points in this section? Please write your suggestions here. | Abstract is good. Nothing to change here | |
| Is the manuscript scientifically, correct? Please write here. | The manuscript is scientifically correct. It uses the CNN model to find weather is has disease or not | |
| Are the references sufficient and recent? If you have suggestions of additional references, please mention them in the review form. | Reference is sufficient enough. But can be improved by adding recent research | |

Review Form 3

| | | |
|---|--|--|
| Is the language/English quality of the article suitable for scholarly communications? | English quality is good. | |
| <u>Optional/General</u> comments | Instead of just classifying the disease author can use like U-net or Mask-RCNN to segment and classify it. but for classifying it is good enough | |

PART 2:

| | | |
|---|--|--|
| | <u>Reviewer's comment</u> | <u>Author's comment (if agreed with reviewer, correct the manuscript and highlight that part in the manuscript. It is mandatory that authors should write his/her feedback here)</u> |
| <u>Are there ethical issues in this manuscript?</u> | <u>(If yes, Kindly please write down the ethical issues here in details)</u> | |

Reviewer Details:

| | |
|---|--|
| Name: | MD.Tanvir Rahman |
| Department, University & Country | Chittagong University of Engineering & Technology, Bangladesh |