

Reviewer #1:

Scientific Quality: Grade B (Very good)

Language Quality: Grade B (Minor language polishing)

Conclusion: Minor revision

Specific Comments to Authors: This study explored the relationship between A&D severity, cardiac parameters, and inflammatory mediators in patients with CHF and revealed that the cardiac parameters and inflammatory factor levels differed significantly depending on the extent of A&D. In addition, the NYHA, SAS, and SDS scores also continuously increased as the severity of A&D increased. Specifically, IL-6, NT-proBNP, and LVEF were identified as independent factors that can distinguish moderate and severe-A&D from absent or mild A&D in patients with CHF. Moreover, they exerted high discriminative ability toward A&D when combined, which highlights the potential benefit of cardiac and inflammatory indicators in the classification and prediction of A&D in patients with CHF. This study has a certain guiding role in the diagnosis and treatment of anxiety and depression severity in patients with chronic heart failure. The experimental design of the article is reasonable and the writing is organized. It would be better if the author could provide more literature support on the selection of inflammatory factors.

Dear Reviewer,

Thank you for your insightful comments and constructive feedback on our study. We appreciate your recognition of the significance and organization of our research. Regarding your suggestion on providing more literature support on the selection of inflammatory factors, we agree that this would strengthen our study. In the second paragraph of the introduction section of our paper, we further discuss why we included these inflammatory factors in our study and provide new literature support.

Reviewer #2:

Scientific Quality: Grade C (Good)

Language Quality: Grade B (Minor language polishing)

Conclusion: Minor revision

Specific Comments to Authors: Authors investigated patients with chronic heart failure with varying degrees of anxiety and depression (A&D) symptoms and assessed changes in myocardial markers and inflammatory factors to determine their associations with A&D severity. They used independent risk factors as predictive indicators and assessed their discriminative accuracy in predicting A&D severity using the area under the receiver operating characteristic curve. They demonstrated that A&D symptoms can affect the progression of chronic heart failure and lead to worse outcomes for patients. Their findings support the establishment of a classification system for evaluating A&D severity in patients with CHF based on biochemical markers. The paper is written well, the Introduction give a good overview about the study background and the authors raised clearly the hypothesis of the study. However, some questions should be answer. 1). The author needs to carefully examine the statistical results of Figure 1 and Figure 2, especially the calculation of p- values. 2). The expression of conclusions should be more concise and generalized.

Dear Reviewer,

Thank you for your constructive feedback and the time you've taken to review our study. We appreciate your positive comments about the clarity of our hypothesis and the overall structure of our paper.

1. We have rechecked the calculation of the P-values in Figures 1 and 2, ensuring the accuracy of the P-values in the figures. In addition, based on your feedback, we have modified the presentation of Figure 1 to avoid issues such as excessive beautification of the image and scale setting of the vertical axis, which led to the bar graphs of each group being too close to each other and causing readers to question the calculation of the P-values. We appreciate your feedback, which has greatly increased the readability of our research.
2. We have polished the conclusions of the article to make the expression more concise.

We hope that these checks and modifications can alleviate your concerns and improve the quality of our work. We look forward to your further comments and suggestions.