

Peer Review Report

Notes

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Manuscript Information

Manuscript ID: **13428963**

Manuscript Title: **Bootstrap-t Confidence Interval on Local Polynomial Regression Prediction**

Evaluation Report

General Comments	This paper is devoted to the development of methods based on nested bootstrap resampling. The first algorithm uses the principle of paired and residual bootstrap resampling. The second algorithm performs based on residuals. The work is quite interesting but has several remarks.
Advantage & Disadvantage	<ol style="list-style-type: none"> 1. On page 2, in section 2, the authors write "At the same time, the second algorithm applies residuals and residuals." One word "residuals" is superfluous. 2. Formula (4) must be written as a system. 3. On page 5, the authors write "Menghitung score $CV(\alpha_1)$ menggunakan rumusan (7)." It needs to be translated into English. 4. Local polynomial regression is a computationally intensive method. LPR is also prone to the effects of outliers in the data set, like other least squares methods. This paper does not say anything about this, and the test samples do not consider this. 5. There are no mathematical justifications and proofs of the proposed algorithms in the paper.
How to improve	<ol style="list-style-type: none"> 1. Formulas 1-4, and 6-10 need to be centre aligned. 2. Own material, which the authors offer on the proposed algorithms, begins on page 8. Half of the article is a theory. It would be better to give more simulation and mathematical justification to the proposed algorithms. 3. If it is possible need to display other types of errors: ME, RMSE, MAE, MPE, MASE, RMSSE.
Please rate the following: (1 = Excellent) (2 = Good) (3 = Fair) (4 = Poor)	
Originality:	2
Contribution to the Field:	2
Technical Quality:	1

Clarity of Presentation :	1
Depth of Research:	1
Recommendation	
Kindly mark with a ■	
<input type="checkbox"/> Accept As It Is	
<input checked="" type="checkbox"/> Requires Minor Revision	
<input type="checkbox"/> Requires Major Revision	
<input type="checkbox"/> Reject	

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