



SDI Review Form 1.6

Journal Name:	Journal of Advances in Mathematics and Computer Science
Manuscript Number:	Ms_JAMCS_35869
Title of the Manuscript:	Predictive Estimator for Simple Regression
Type of the Article	Original Research Article

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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.

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PART 1: Review Comments

	Reviewer's comment	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)
Compulsory REVISION comments	1. It would be nice to have a description of the third variance. 2. On page 2, "this least-squares approach indicates the method that minimizes ~" is so well known fact that it is not necessary to explain it again. 3. It would be reasonable to explain the equation (2.3).	
Minor REVISION comments	4. p is usually used as a correlation coefficient, is it also related the correlation coefficient here? 5. In Figures 1 ~ 3, and 5, the term Distribution does not seem plausible. Aren't these the histograms of the data?	
Optional/General comments	6. In Figure 6, can we guarantee to converge ~~er like~~ when β is greater than 1? 7. You mentioned that δ is constant at page 2, how does $\text{var}(\beta)$ defined in definition (5.1) of Δ, Is it a typo and should be $\text{var}(\hat{\beta})$? If it is, $\text{var}(\hat{\beta})$ must be obtained as: $\text{var}(\hat{\beta}) = \frac{\sigma^2}{\sum_{i=1}^n (x_i - \bar{x})^2}$ 8. In equation (5.2), recheck if $\text{var}(\hat{\beta})$ should be $\widetilde{\text{var}}(\hat{\beta})$. 9. page 10, In the third numerical simulation, what is the sample size? 10. How is the variance of the parameters defined in page 12: "a large variance of the parameters" and "by taking account of the variance of the resulting parameters." Parameter is a constant, shouldn't the variance of the constant be 0?	

Reviewer Details:

Name:	Suk-Bok Kang
Department, University & Country	Department of Statistics, Yeungnam University, South Korea