



SDI FINAL EVALUATION FORM 1.1

PART 1:

Journal Name:	Asian Journal of Probability and Statistics
Manuscript Number:	Ms_AJPAS_118093
Title of the Manuscript:	ASYMPTOTIC PROPERTIES OF A THREE PARAMETERS GUMBEL DISTRIBUTION ESTIMATORS USING SIMULATED DATA
Type of the Article	

PART 2:

FINAL EVALUATOR'S comments on revised paper (if any)	Authors' response to final evaluator's comments
<p>This study was to introduce new three-parameters Gumbel distribution and check the properties of its estimates (bias, consistency, efficiency, MSE etc) NOT the entire properties of the distribution like quartile deviation, orders statistics, characteristics function etc. This is because when modelling/analysing data, the interest is on parameters.</p> <p>The author is not understanding the difference between Quantile function or Inverse Cumulative Distribution function and Quartile deviation. In order to check the properties of model parameters you need to draw the samples from the same distribution and study the properties and efficiency of the estimation procedure. You also need to check the other characteristics of the parameters such as Absolute bias, RMSE, Coverage Probability and so on. I am attaching a paper here titled "Estimating parameters of Gumbel distribution using the methods of moments, probability weighted moments and maximum likelihood" This is a two parameter Gumbel distribution and check how the authors did the Simulation Study and how they draw the samples from the two parameter Gumbel distribution.</p>	

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