

**Review Form 1.6**

Journal Name:	Asian Research Journal of Mathematics
Manuscript Number:	Ms_ARJOM_94089
Title of the Manuscript:	Discrete Length and Area Biased Exponential Distribution
Type of the Article	Original Research Article

**General guideline for 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 guideline for Peer Review process, reviewers are requested to visit this link:

<https://www.journalarjom.com/index.php/ARJOM/editorial-policy> )

**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)
<b>Compulsory</b> REVISION comments	<p>The moment generating function in (14) is not correct.</p> <p>For example, let theta = 1, then</p> $P(X=x) = \exp(-x) (x - x\exp(-1) + 1 - 2\exp(-1))$ <p>Then <math>E[X] = (2e-1)/(e-1)^2</math></p> <p>But based on your moment generating function in (14), <math>E[X] = (2e+1)/(e-1)^2</math>.</p> <p>Other moments are not correct.</p> <p>Equation (23) and other moments for the discrete area biased exponential are also not correct.</p>	
<b>Minor</b> REVISION comments	<p>Page 3 equation (11): missing )</p> <p>It should be <math>\exp(-\theta(Q(u)+1))</math></p> <p>Page 3 equation (12): it should be <math>u-1</math>.</p> <p>You should use capital letters for random variables and lower case letters for their realization. For example, the probability generating function should be <math>E[t^X]</math>.</p> <p>On page 10, equations (1) – (3) should be approximate equal because they are the estimates of expectation and bias</p>	
<b>Optional/General</b> comments		

**PART 2:**

	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)
<b>Are there ethical issues in this manuscript?</b>	<i>(If yes, Kindly please write down the ethical issues here in details)</i>	

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