Review Form 1.6

Journal Name:	**Asian Journal of Probability and Statistics**
Manuscript Number:	**Ms_AJPAS_90108**
Title of the Manuscript:	**Probability risk model of claim amount affected by threshold**
Type of the Article	**Short 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.journalajpas.com/index.php/AJPAS/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)*
Compulsory REVISION comments	**This paper is a welcome addition to the literature on Risk Models.** **Section 2, line 4; what is meant by $\Sigma_a^b = 0$? Are the terms in the series missing?** **Section 2, line 5; state whether the Poisson process considered is homogeneous or not.** **The expression for ζ(y) (in equation (33) does not seem to have been proved. Author has got the right hand side of this after equation (36), but the left hand side is not ζ(y). This may be clarified/ done as given for $G_\delta(u)$ in (33) at the end of theorem 5.**	
Minor REVISION comments	The abbreviation r.v. is given at line 10, section 2. But it is used even before that. As an accepted standard, give the abbreviation, random variable (r.v.) the first time the phrase "random variable" appears and use the abbreviation only, uniformly throughout the paper. Section 6, sub – title: Is it Defection or Defective? I think it is Defective, correct this. Theorem 5 in section 6 starts with "According to the ... ", The author is giving an alternative expression to the Gerber-Shiu penalty function. So start the statement of the theorem as; An alternative expression to the Gerber-Shiu penalty function is: Author observes that $m_\delta(u)$ is a defective renewal function. This may be given as a remark before theorem 6. Both theorems 5 and 6 in this section are about expressions for the Gerber-Shiu penalty function. As such the title of this subsection may be changed.	
Optional/General comments	The manuscript may be accepted after clarifying the above points.	

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)*
Are there ethical issues in this manuscript?	*(If yes, Kindly please write down the ethical issues here in details)*	

Reviewer Details:

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