

## Review Form 1.6

Journal Name:	<a href="#">Asian Journal of Probability and Statistics</a>
Manuscript Number:	Ms_AJPAS_84925
Title of the Manuscript:	On an Erlang(2) risk model with dependence between interclaim arrivals and claim sizes
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)
<b>Compulsory</b> REVISION comments	<b>1- In abstract, write the facility to obtain expression for measuring the impact of the various dependence structure.</b> <b>2- What the problem statement the made you enhancing the classical Poisson model?</b> <b>3- Define all parameters used in equations.</b> <b>4- Number the other equation in the texts.</b> <b>5- Extend Fig. 1 to be clear for the parts (a), (b), (c), and (d) to show the Ruin probabilities of the proposed models.</b> <b>6- Fig. 2 and Fig. 3 should be after subsection 6.2.</b> <b>7- Move table 1 to be at the end of subsection 6.1.</b> <b>8- There should be conclusion for this work.</b>	
<b>Minor</b> REVISION comments	1- In the text of section 2, make sure of $\sum = 0$ . 2- Define i.i.d., r.v., and p.d.f first time used. 3- Why you concentrate on imaginary radius from $-ir$ to $ir$ m? 4- Section 4 , write Laplace Transformation (LT).	
<b>Optional/General</b> comments	1- Some drivatives not need to be written . 2- The scale of x up to 15 in Figures 2 and 3. 3- Add at lest 2 modren references.	

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

Reviewer Details:

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