

Review Form 1.6

Journal Name:	Asian Journal of Probability and Statistics
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)
Compulsory REVISION comments	1- In abstract, write the facility to obtain expression for measuring the impact of the various dependence structure. 2- What the problem statement the made you enhancing the classical Poisson model? 3- Define all parameters used in equations. 4- Number the other equation in the texts. 5- Extend Fig. 1 to be clear for the parts (a), (b), (c), and (d) to show the Ruin probabilities of the proposed models. 6- Fig. 2 and Fig. 3 should be after subsection 6.2. 7- Move table 1 to be at the end of subsection 6.1. 8- There should be conclusion for this work.	I agreed with reviews, and I had correct them in the manuscript. And I had correct the title which is more suitable.
Minor 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).	I agreed with reviews, and I had correct them in the manuscript. And I had correct the title which is more suitable.
Optional/General 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.	I agreed with reviews, and I had correct them in the manuscript. And I had correct the title which is more suitable.

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PART 2:

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