



SDI Review Form 1.6

Journal Name:	Asian Journal of Probability and Statistics
Manuscript Number:	Ms_AJPAS_41699
Title of the Manuscript:	Modeling Count Data from Dependent Clusters with Poisson Mixed Models
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:

(<http://www.sciencedomain.org/page.php?id=sdi-general-editorial-policy#Peer-Review-Guideline>)

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	There is no requirement of compulsory revision.	Noted
Minor REVISION comments	There is no requirement of compulsory revision.	-
Optional/General comments	As authors mentioned in the abstract, the main contribution of this research is to propose a new approach to incorporate <i>cluster dependence</i> in generalized linear Poisson mixed models for count responses from dependent clusters, in which the cluster dependence of adjacent cluster is incorporated at two stages through covariates of adjacent clusters and correlation structure of model random errors (lines 151 – 155). Authors also make serious simulation and experiment for comparing their approach with Monte Carlo likelihood (MCL) method and Penalized Quasi-likelihood (PQL) method. This is an excellent original methodological research, which is very worthy to be published.	-