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consistency of MLE in GLMM:

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## **Jiming Jiang**

beyond

(Submitted on 12 Mar 2013)

We give answer to an open problem regarding consistency of the maximum likelihood estimators (MLEs) in generalized linear mixed models (GLMMs) involving crossed random effects. The solution to the open problem introduces an interesting, nonstandard approach to proving consistency of the MLEs in cases of dependent observations. Using the new technique, we extend the results to MLEs under a general GLMM. An example is used to further illustrate the technique.

| Comments:          | Published in at this http URL the Annals of Statistics (this http URL) by the Institute of Mathematical Statistics (this http URL) |
|--------------------|--|
| Subjects:          | Statistics Theory (math.ST)  |
| Journal reference: | Annals of Statistics 2013, Vol. 41, No. 1, 177-195   |
| DOI:               | 10.1214/13-AOS1084   |
| Report number:     | IMS-AOS-AOS1084  |
| Cite as:           | arXiv:1303.2874 [math.ST]  |
|                    | (or arXiv:1303.2874v1 [math.ST] for this version)  |

### **Submission history**

From: Jiming Jiang [view email] [v1] Tue, 12 Mar 2013 13:28:36 GMT (46kb)

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