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### **RESEARCH ARTICLE**

# **APPLICATION OF STATISTICAL MODELS TO THE COLLABORATIVE PUBLICATIONS IN BIOINFORMATICS**

**Dr. N. Amsaveni**, Assistant Professor, Dept. of Library and information Science,  
Bharathidasan University, Trichirappalli – 24. Veni032002@gmail.com

**M. Manjula**, Research Scholar, Dept. of Library and information Science,  
Bharathidasan University, Trichirappalli – 24. mnjmeenakshi@gmail.com

#### **ABSTRACT**

This article deals with the growth and proportion of different types of co-authored publications in Bioinformatics. This study also explores the applicability of appropriate statistical model to the deterioration in the proportion of single-authored publication with during sample periods. Also studies the applicability of selected statistical models to the distribution of authorship in publications of bioinformatics during 1999 to 2013.

**Keywords:** Collaboration; Publications; Statistical models; Bioinformatics, authorship pattern

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