

**ANALYSIS OF THE SET OF CANDIDATES TO THE STATE  
UNIVERSITY OF SANTA CRUZ (UESC) ENTRANCE EXAM  
IN 2008, USING CORRESPONDENCE ANALYSIS**

Enio Galinkin JELIHOVSCHI<sup>1</sup>  
Marcelo Inácio Ferreira FERRAZ<sup>1</sup>

- **ABSTRACT:** The aim of this study is the use of the methodology of correspondence analysis (CA) to analyze the responses to the sociocultural questionnaire answered by the candidates of the entrance exam to the State University of Santa Cruz (UESC) in 2008. The resulting two-dimensional graphs show how the variables (questions), are associated. These associations linked to the principal components show which are the factors that lead to inertia or variability of the data. The results show that two factors polarize this inertia, the first and most important is the economic factor, (private school-public school, parents high-low level of schooling), and the second is the competence of the candidates (first exam-earlier ones).
- **KEYWORDS:** Correspondence analysis; sociocultural questionnaire.

---

<sup>1</sup> Universidade Estadual de Santa Cruz - UESC, Área de Estatística, Departamento de Ciências Exatas e Tecnológicas - DCET, CEP: 45662-900. Ilhéus, Bahia, Brasil. E-mail: *eniojelihovs@gmail.com / mfferraz@uesc.br*