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Statistical estimation with linguistic data. (English) Zbl 0588.62006
Inf. Sci. 33, 197-207 (1984).

Suppose the distribution of a population is characterized by a parameter Γ , whose value is not numerical, as usually is the case, but linguistic. The problem is to make a good guess about Γ , especially in the case when only linguistic data are available. In this paper the theory of fuzzy random variables is used to solve this problem: A method for the construction of consistent and unbiased estimates is given.

MSC:

- [62B10](#) Statistical aspects of information-theoretic topics
- [62A01](#) Foundations and philosophical topics in statistics
- [94D05](#) Fuzzy sets and logic (in connection with information, communication, or circuits theory)

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Keywords:

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