Analele Universității București, Matematică Anul LIII(2004), pp. 223–228

On Robust Procedures for Bioassays Case Fixed Dose Design

Nicoleta DIMCEVICI-POESINA

November 4, 2004

Abstract - In this paper we consider a design with fixed dose level for the test and the standard preparations. For this case a robust method is proposed.

Key words and phrases: conditional quantile process, k-nearest neighborhood method, fundamental assumption of the assay, Jackknife methods, bias correction, robustness.

Mathematics Subject Classification (2000): 92C45