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## **Analysis of Homogeneity of the Results of Biomedical Measurements in Clinical Laboratories**

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### **Abstract**

This paper deals with the analysis of the results of biomedical measurements in clinical laboratories. The measurements of clinical laboratory should be carefully analyzed in order to avoid any erroneous decisions. To achieve this, an adequate and friendly use computerized model was developed in order this paper. According to this model, the data analysis starts by testing the homogeneity of the results obtained from clinical measurements, elimination the outlier points, determination of important statistics, development of mathematical models and finally evaluation of the obtained models.