

Multivariate analysis of exogenous variables for blood donation system in some European countries – logistics approach

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Abstract

Effective blood donation system is paramount to national health security. It is subject to research conducted both by medical and logistics experts (services). The aim of this paper is to employ multivariate statistical analysis to assess the functioning blood donation system and risk analysis in this study area. Utilised for purposes of this paper were methods of multivariate data mining to study of blood donation system activities in selected European countries (in the European Union).

Key Words: blood donation, multivariate statistical analysis, logistics, risk analysis