Maternal Risk-Factors of Low Birth Weight Babies Using Logistic Regression Analysis

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Abstract

Low birth weight is partially a consequence of choices made by the mother during pregnancy. Low birth weight is a term which is used to describe babies who are born weighing less than 2.500 grams. The problem of low birth weight is multidimensional, and integrated approach is necessary which includes medical, social, economic and educational measures. The main objective of this paper is to assess the maternal and socio demographic factors associated with LBW babies and also to identify the predictors of low birth weight with logistic regression model.

Keywords: Logistic regression, Low birth weight, Children’s health, Mother’s health.

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