Development of models for caesarean section prediction of a prospective cohort study in two Sub-Saharan African countries

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Abstract: In this paper, we aim to develop and to evaluate the accuracy of logistic regression models for caesarean section prediction, based on an African labour dataset. We conclude that it is possible to predict the probability of intrapartum caesarean section with high accuracy based on labour characteristics and events.

Keywords: Caesarean; Prediction models; Logistic Regression.

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