

ABSTRACT**Path Analyze Using Moderator Variable For Factor Which Influence
The Weight Of New Born Baby**

The weight of new born baby needed special attention because there were many cases cause of weight. New born weight was the weight of the baby which was measured an hour after born. One of the problem was the new born under weight. The new born under weight was a baby whose born below 2500 gr without counting the gestation time. Newborn weight was a health problem which influenced many factors. One way to analyze these problem was using path analyze. The application of path analyze was also involve the moderator variable to analyze the variable influenced the newborn weight. The result showed that the variables influenced the newborn weight directly and significantly, namely parity, birth spacing, the round of upper arm, pregnancy age, and mother age. The analyze result showed that the mother age was a moderator variable which influenced the parity to new born baby. Estimation value was 1,509 while probability value (P) was $0,007 < 0,05$.

Keywords : newborn weight, path analyze, moderator variable.