STRUCTURAL EQUATION MODELLING AT DEGREE OF HEALTH WITH INFRASTRUCTURE MODERATION (CASE STUDY IN EAST JAVA, SUSENAS 2007)

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Abstract
Health problem is one of factor playing important role in creating quality human resources. Through development in the health sector is expected to further enhance of public health and health services can be felt by all levels of society. The success indicator of efforts to increase the degrees of health is to reduce mortality (mortilitas), morbidity, and poor nutritional status. Therefore important to conduct a research regarding the factors that affect of public health degrees in East Java. This research was conducted by Structural Equation Modeling (SEM) to find out the truth of the concept of theories regarding the factors that affect public health degrees of East Java. Moderated Structural Equation Modeling And (MSEM) to determine whether the infrastructure can be a moderating variable for the relationship between health services with health degrees and the relationship between health personnel with health degrees. From result of analysis SEM it is concluded that the environment, health care, health personnel, and infrastructure affect health degrees. At analysis MSEM concludes that the infrastructure can moderate the relationship between health services with health degrees and the relationship between health personnel with health degrees.

Key Word : Degrees of health, Structural Equation Modeling (SEM), Moderated Structural Equation Modeling (MSEM)