

PEMODELAN KUANTITATIF DETERMINAN-DETERMINAN YANG MEMPENGARUHI KEMATIAN PERINATAL

Title	PEMODELAN KUANTITATIF DETERMINAN-DETERMINAN YANG MEMPENGARUHI KEMATIAN PERINATAL
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Abstract	<p>Martenal Mortality Rate (MMR) and Perinatal Death Rate (PFR) were indicators to measure performance of antenatal care for all countries. Every year about eight million perinatal death rates or die in the first month of delivery. Perinatal Death Rate (PFR) in Banyumas Regency was 2,96/100 or 62 cases in 2005. High Perinatal Death Rate in Banyumas Regency caused researchers interested to identify causal factors related PDR. Quantitative modeling to analyze causal factors of perinatal Death Rate. The study observational research with case control design approach, there were 58 cases and 58 sampling. As case group was all PDR in Banyumas Regency and control group was all survive baby borne in the same block (1RT) and the same birth day with case group. There are some significant effect toward perinatal death rate, asphyxia (OR=93,13 95% CI=12,06 – 917,31); Low income (OR = 76,70 95% CI=4,56 – 1289,08 ; Infection (OR=46,06 95% CI=3,64 – 582,68) ; and low birth weight (OR 7,55 95% CI =1,71 – 33, 25). Quantitative model as following $Y = 1 + e^{(A + B \text{ asphyxia} + B \text{ infection} + B \text{ low birth weight})}$ Continuum antenatal care and seeking for health treatment if there are any comorbidity with the baby such as asphyxia , infection and low birth weight.</p>
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