ORDINAL LOGISTICS REGRESSION ANALYSIS FOR KNOWING FACTORS INFLUENCING STATUS of CHILDREN FISHERMAN FAMILY in BULAK SURABAYA

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Abstract

Children nutrition in Indonesia not yet entirely fulfill good criterion, one of them is Bulak Surabaya. WHO-NCHS used nutritional status Standard in Indonesia. These indices can be expressed in terms of Zscore based Weight-for-Age. The aims of this research are to know the mother characteristics and children to know factors which influence WHO-NCHS nutritional status and new nutritional status in Bulak Surabaya. The methods which are used in this research are descriptive statistics and ordinal logistics regression analysis. The result shows that almost mother’s children in Bulak Surabaya, 66% finished education in elementary school, 67% married ≤ 20 years old, and firstly bearing ≤ 20 years old. 61% fisherman families have earnings ≤ Rp.1.500.000,-, 51% fisherman families have big family, and 71% they don’t have good sanitation. In other side characteristics of children most normal nutritional status are 58.7% and 80% children given nutrional’ food have fulfilled is good. It easy to find the children aren’t gave ASI < 2 years old and complete immunize are 63% and 60%. Almost the children take care by their mother. While nutritional status of fishirement’s childrent significantly (α =20%) is influenced by finished education in elementary school of their mother, complete immunize, and earnings.

Key words : child nutritional status, descriptive statistic, ordinal logistics regression.

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