Ordinal Logistic Regression Analyses on Anemia for Children Aged 6 Months to 5 Years Old in the Philippines

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Abstract: Anemia is one of the most prevalent nutritional deficiencies in the world with one out of four people being considered anemic. Anemia is considered one of the factors that negatively affect preschool children and prevalence of anemia among these children is second to the highest here in the Philippines. It is well known that anemia leads to damaging consequences such as hindered physical and cognitive development and weakened immune system. In this study, hemoglobin level was analyzed through ordinal logistic regression models using the data from the 2008