

## **DETERMINANTS OF MARKET PARTICIPATION AND FAILURE OF TABLE EGG PRODUCTION BY SMALL SCALE POULTRY FARMERS IN ANAMBRA STATE, NIGERIA**

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### **ABSTRACT**

The study on the determinants of market participation and failure of Table egg production by small scale poultry farmers in Anambra State, Nigeria adopted a descriptive survey approach. A multi-stage sampling technique was adopted to collect data from 370 sample representatives. The objectives were to identify the factors influencing the decision to participate in table egg marketing, ascertain the determinants of market participation, and observe the determinants of market failure by small scale table egg farmers, while controlling for the study bias through introduction of inverse of mill ratio (IMR); the study estimated the market shares controlled by the small scale Table egg farmers. Heckman two stage regression analysis was adopted to achieve the study objectives. The summary statistics of the study representatives revealed that the mean age, level of education and annual income of the small scale Table egg farmers were 43 years, 18 years and 2,554.58 USD respectively. The study revealed that 38.1% of the farmers do not have the capacity to participate in the market, thus, the factors influencing the decision to participate in table egg marketing by the farmers were sex (2.99)\*\*\*, marital status (3.37)\*\*\*, level of education (2.67)\*\*\*, and cooperative membership (1.92)\* and all were statistically significant. Equally, the determinants of market participation or the variables affecting the volume of egg offered for sales were labour, chicks, feeds, and drugs, depreciation of capital asset, household size, farm size, cooperative membership, and annual income. Furthermore, the study revealed that the market failure index is 1.35, while its determinants were farm size (3.60)\*\*\*, and annual income (2.22)\*\* respectively. Thus, the importance of these study cannot be overemphasized since the study on agricultural marketing has become of interest to policymakers in the sector.

**Keywords:** Market participation, market failure, small scale, egg, poultry farmers, decision.