

# **Association between Occupational Diversity Distribution and Rural Livelihood Pattern: A Discrete Choice Study in Purulia District of West Bengal**

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## **Abstract**

**Objective:** Occupational diversity is one of the key way-out to the rural people to struggle against poverty. Different literatures suggest that scope of occupational diversity varies between poor and non-poor on the basis of different social and physical factors like skill, education and experience. Present study has some intention to investigate the nature of occupational diversity in a rural agricultural frame like Purulia of Western West Bengal.

**Methods:** The study is based on primary data which are systematically chosen by the selection of blocks as per Indices of Human Development and villages as per population engaged in agriculture and households as per probability proportional to size from the categories of landless agricultural labourers, marginal cultivators and marginal agricultural labourers. The study considers occupational diversity as a binary discrete choice variable and uses binomial logistic regression model over some selected independent covariates.

**Results:** The study uses Jamovi-2.3.3.0 for the analysis of the binomial logistic regression results. The independent covariates densities over occupational diversity and non-diversity are significantly explained by the study and indicates their influences over it.

**Key Words:** Occupational Diversity, Livelihood, Discrete Choice, Purulia

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