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An Application of Linear Approximation of Almost Ideal Demand System: Data  
from Erzurum Central District

Fahri YAVUZ, Mustafa BAYDEMİR

Atatürk Üniversitesi Ziraat Fakültesi Tarım Ekonomisi Bölümü, 25240,  
Erzurum - TÜRKİYE

 [Keywords](#)  
 [Authors](#)



[agric@tubitak.gov.tr](mailto:agric@tubitak.gov.tr)

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**Abstract:** In this study, a food demand analysis of Erzurum central district was conducted. This study differs from previous ones by the use of current data and a new model. Various elasticities computed in this study might be used in the analysis of food consumption policies. The cross-sectional and time series data used were collected by surveying 30 families once every three months from July 1995 to April 1997. Data from a total of 240 families were used to divide the families into high and low income groups. A demand analysis was done using LA/AIDS for five food groups (cereal, vegetable, fruit, meat, and milk and milk products). According to the survey results, the ratio of food expenditure to income was 38.4% and 50.2% for all and low income families respectively. Estimated coefficients satisfied all adding-up conditions. All the expenditure and own-price elasticities complied with economic theory. Marshallian price elasticities were found to be higher than Hicksian price elasticities in general as expected. Cross-price elasticities in most cases were found to be low. Changes in cereal prices affected other food consumption quantities.

**Key Words:** LA/AIDS, food, demand analysis, elasticity, Erzurum

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