

Field of Research: Statistics

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Abstract:

The project examines socio-economic factors influencing foster family decisions in Turkish society, utilizing data from the Turkish Family Structure Survey (TAYA) conducted in 2006, 2016, and 2021 by the Ministry of Family and Social Services and the Turkish Statistical Institute. Since foster care data was unavailable in the 2021 survey, the research scope was adjusted to compare 2016 and 2021 data regarding adopted children. The study employs clustering, statistical modeling, and machine learning approaches to analyze changes over time and identify key factors. Previous studies have partially addressed this topic, focusing on singular years and lacking detailed analysis. By integrating advanced methods and exploring all survey years, the project aims to provide valuable insights for sociologists and policymakers, contributing to more effective social programs for disadvantaged children and enhancing adoption and foster care frameworks in Turkiye.

