

## **The role of Information and Communication Technologies for better judiciary**

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### **Abstract**

Information and communication technologies are used by government's services. Judiciary is one of the important government's services. In this study, I will investigate the relationship between ICT and judiciary. The main research question of this paper is: can information and communication technologies provide better judiciary and solve judicial problems? European Judicial Systems which is introduced by The European Commission for Efficiency of Justice (CEPEJ) is the main resource for solving the question. In this study, it's used Tobit regression model. In the Tobit regression model clearance rate and case disposition time are used as dependent variable. These are proxy indicators for measure the judicial efficiency. For the analysis of the installation of computer facilities within the European courts, CEPEJ distinguish the three areas, direct assistance to judges and court clerks, second administration and management, communication between courts and the parties. These three areas are used as explanatory variables. According to first estimation, it's found that there is a positive and significant relation between efficiency of justice service and direct assistance to judges and court clerks in European countries.

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