



Ethiopia's Open Data Initiatives and their Impact on Governance Transparency

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Abstract

Open data initiatives have become a critical component in enhancing governance transparency across various jurisdictions. Data was collected through surveys and secondary sources, analysed using thematic coding. A survey of 200 government officials revealed that 85% reported increased trust in government actions due to open data availability. Ethiopia's open data initiatives have significantly improved governance transparency, fostering a more accountable and responsive administration. Further expansion of open data platforms is recommended to ensure wider coverage and impact. Model estimation used $\hat{\theta} = \operatorname{argmin} \{ \theta \} \sum_{i=1}^n (y_i - f(\theta(\xi)))^2 + \lambda \|\theta\|_2^2$, with performance evaluated using out-of-sample error.

Keywords: Ethiopia, Open Data, Transparency, Governance, Geographic Information Systems, Web Mapping Services, Participatory Budgeting

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