

Data Valuation for Knowledge Sharing and Decision Making

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The digital data collection has become a popular method for the data collection in developing countries including Tanzania and the mandate of statistical offices is to collect data that are as accurate as possible. The paper is examining the pros and cons of the different methods that conducted in the National Panel Surveys using paper based and a digital data collection in terms of the reliability of the data collected such as data entry, data checks, timely, accuracy, omission and errors. The statistical software will be used for a data valuation of the two survey datasets and the main benefits, challenges and lessons learned will be discussed in the paper.

Keywords: Digital and Paper based data collection