

# Assessing the Impact of Library Collaborations on Resource Sharing and Cost-Efficiency

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## Introduction

In the emerging landscape of effective resource management, library collaborations catalyze resource sharing and effective cost management. The library collaborative approach refers to a pool that includes various expertise, resources, and knowledge for creating a partnership with multiple sources of resources. This partnership further improves efficiency, assists an individual in creating innovative ideas and expands access to relevant data and information. This library collaboration occurs at different levels, including the single library system, across the international business, and among the libraries within a specific region or country. Resource sharing in the library collaboration approaches offers a comprehensive and diversified range of benefits. It includes the development of research and learning potentials, improving operational efficiency and enhancing the opportunities for further collaboration (Forbes, 2022). Resource sharing improves the comprehensiveness of the research and increases access to available resources and relevant information. Efficient resource sharing facilitates access to the public and necessary resources and materials, which empowers the users to engage in the self-directed learning mechanism. Effective resource sharing enhances the learning outcomes and reduces the cost of library collaboration. This study shed light on the influence of library collaborative approaches on cost efficiency and resource sharing.



Figure 1: Library collaboration mechanism

(Source: Fan *et al.* 2020)

## Methodology

The methodology of a research study refers to the specific techniques and procedures used for the identification, selection, processing and analysis of the information about any relevant topic. There are vast, varied literature that take this particular research topic as the exertion of research and identify the influence of library collaborations on resource sharing and cost-efficiency. This research methodology includes the mixed method for conducting the research effectively. This research study consists of the qualitative methods in the library research studies and the quantitative techniques in the bibliometric studies. The main object of this research is 'Financial Value Added' (FVA), a special kind of data used in secondary data. The main sources for collecting data are journals, hazing software and Garuda websites. Various data analysis tools are used in this research, such as 'Mendeley Desktop', 'Microsoft Excel Software' and 'VOS Viewer'(Budianto and Dewi, 2023). The data collection techniques included searches based on FAV, Microsoft Office tools and other relevant journals. The data collection techniques include the data from the 'Research Information Systems' (RIS) and 'Portable Document Format' (PDF) from all the relevant journals. The data is also inserted from the RIS data into the 'Mendeley Desktop Software'. According to Budianto and Dewi (2023), the data analysis techniques include the mapping of the distribution of various journals, literature, publications from the relevant and related sources. This relevant research study maps the visualization of results for the bibliometric network and relevant journal publications trends around the FVA through using the 'Visualization of similarities' (VOS) viewer. This study also maps the research topic around the FVA by utilizing the library research study.

## Findings, discussion and result

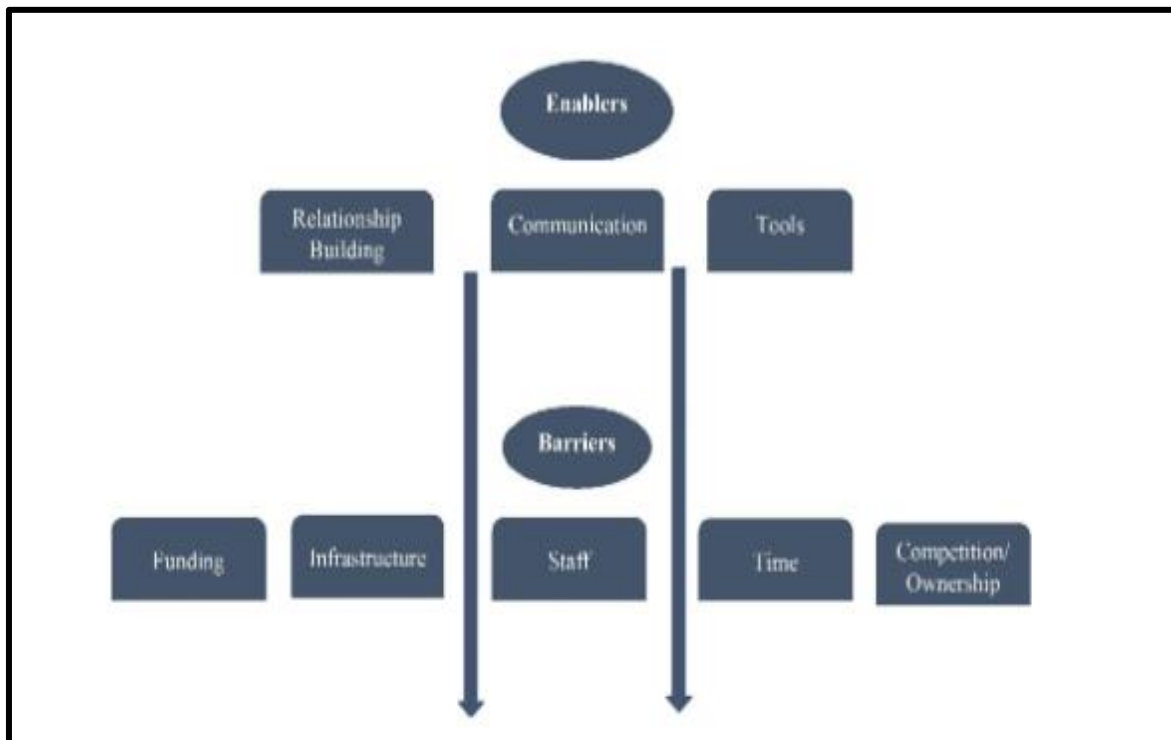
In the present landscape of dynamic resource management, the impact library collaborations on resource sharing and cost-efficiency become an important exertion of research.

The discussion part includes the 25 national journals which are based on the results of the data which is collected through using the 'Mendeley Desktop' and 'Microsoft Excel' (Budianto and Dewi, 2023). The data is oriented to the Garuda website. The search outcomes of this article exported the 'Research Information Systems' (RIS) style. The result, which is extracted from the VOSViewer, is related to the mapping of research development regarding the ratio of FVA and 'Conventional Banking'. The library research study provides an insightful view of the influence of FVA over the share prices in the banking sector. The discussion of this study shows that the FVA is used for measuring the efficiency of the banking sector in generating profit, which increases the cost of capital. This is necessary as the banking sector is more dependable on the capital accumulation and trust of the customers.

FVA generates more appropriate information and data about the financial performance of an organization. This provides a better performance rate than traditional techniques such as 'Earning per Share' (EPS) and 'Return On Investment' (ROI). Through using the FVA, organizations can get a significant landscape for evaluating the financial performance more accurately for the banking sector. Moreover, FVA assists the organizations in determining the more effective and comprehensive business strategies which build value for the various stakeholders of the banking sector. Investors are biome more interested in those companies which possess stability and stimulate their financial performance over time. Effective incorporation of FVA techniques increases the value of the specific organization. Using these FVA techniques, the banking sector can increase its 'Return on Investment' (ROI) and reduce the expense level. This system also assists organizations in reducing the cost of capital by decreasing the probability of risk and uncertainties and developing the quality of available assets. This will further help the bank balance the profit margin and

cost by utilizing their capital. The FVA system also assists the bank in the identification of the relevant investment, which reduces the unprofitable investment level and generates additional value. That is why the banking sectors emphasized the investment which effectively generates the higher profit and increases the value of the company effectively and sustainably.

According to Saunders and Corning (2020), the focus group discussion participants, which is used in this study, immensely valued the library collaborations in resource sharing landscape and cost-efficiency. The discussion section of this research demonstrates that collaboration in the library is considered a complicated procedure that takes a sufficient amount of effort and planning to become more successful in life. The discussion section assesses the framework for the library collaboration by embracing the planning, enablers, funding, barriers, ownership communication, roles and responsibilities and project management. These themes are considered pivotal aspects of library collaboration. The barriers and enablers are referred to as the circumstances that influence the chances and the processes for achieving organizational success. These themes can be organized into a framework which offers the guidance to the professional of various sectors about the effective implementation of library collaboration.



**Figure 2: Framework for library collaboration**

(Source: Saunders and Corning, 2020)

These analysis and discussion assist the future researchers in the influence assessment of library collaboration on resource sharing and cost efficiency.

### Conclusion and recommendations

Analyzing the above study, it can be concluded that the study on assessing the impact of library collaboration on resource sharing and cost efficiency has multifaceted benefits. These benefits assist the users in adapting the collaborative initiatives brought to the dynamic landscape of the library. The findings

highlight the positive influence of library collaboration on increasing the accessibility of resources and optimizing cost efficiency. This will further foster the partnership of the environment with the libraries. Despite the positive outputs, various issues such as differentiation in institutional priorities, communication barriers and changing technological infrastructure have been explored in the area of library collaboration. Recognizing and understanding of these challenges is essential for sustaining collaborative initiatives within the dynamic landscape of library approaches (Mahmoud and Withorn, 2023). In order to mitigate those challenges and increase the efficiency of the library collaborations, the following recommendations have to be followed.

- An efficient communication channel should be established and improved between the collaborating libraries. Effective and transparent communication is crucial for expediting the success rate of resource sharing and collaboration.
- It is necessary to work towards the standard technological infrastructure for ensuring the updated integration of library systems. Interoperability and compatibility are essential for efficient resource sharing (Fan *et al.* 2020). A well-structured technological environment can reduce the potential barriers.
- Through developing the formalized collaborative agreements can boost the efficiency of an individual to clearly underscore the expectations, responsibilities and benefits for each participating library (Strauß and Rummel, 2021). These agreements can act as the foundation for sustainable and successful collaboration.
- It is necessary to increase the investment level in the area of training initiatives and skill development programmes for library employees who are engaged in the collaborative efforts. This will further ensure that the employees are well-embodied and well-equipped with the necessary knowledge and skills for navigating the collaborative challenges efficiently.
- A well-structured and clearly defined system has to be implemented for assessing and providing feedback in a regular manner. This allows the users to participate in the library collaboration to evaluate the influence of the collaboration effectively and identify the area of improvement (Andrikopoulou *et al.* 2022). This will further assist the individual in making an informed adjustment for enhancing the efficiency.

Incorporation of above recommendations foster the library collaboration in the dynamic landscape of resource sharing and cost-efficiency. Improvement of this efficiency requires evolving adaptability, commitment and insightful vision among the participating organizations and institutes. These above-mentioned recommendations can improve the efficiency of the libraries to continue the maximization of the impact on cost-efficiency techniques and resource sharing processes. This will ultimately enhance the services delivered to the users of the diversified communities.

## Reference List

1. Andrikopoulou, A., Rowley, J. and Walton, G., 2022. Research data management (RDM) and the evolving identity of academic libraries and librarians: A literature review. *New Review of Academic Librarianship*, 28(4), pp.349-365.
2. Budianto, E.W.H. and Dewi, N.D.T., 2023. Financial Value Added (FVA) in Islamic and Conventional Banking: Mapping Research Topics using VOSviewer Bibliometric and Library Research.
3. Fan, F., Lian, H. and Wang, S., 2020. Can regional collaborative innovation improve innovation efficiency? An empirical study of Chinese cities. *Growth and Change*, 51(1), pp.440-463.

4. Saunders, L. and Corning, S., 2020. From cooperation to collaboration: Toward a framework for deepening library partnerships. *Journal of Library Administration*, 60(5), pp.453-469.
5. Strauß, S. and Rummel, N., 2021. Problematic interaction patterns during online-collaboration. A library and a survey. In *Proceedings of the 14th International Conference on Computer-Supported Collaborative Learning-CSCL 2021*. International Society of the Learning Sciences.