Impact of the Financial Indicators on Bank Performance and a Comparison of Small and Large Banks - Evidence from the Bahrain

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The objective of our study is to explore the relationship of the financial indicators on the bank’s performance. For this purpose, we collected the data of the bank working in Bahrain. Data collected from the annual report of the respected banks for the period of five years. Our results show that the large bank is more efficient in term of the efficiency ratios to generate income by utilizing their full economic resources and give the high efficiency ratio as compared to small bank. The large banks have more resources as compared to the small banks in term of the efficiency ratio. Leverage has the negative impact on the banks performance because the it creates a burden on the bank to recover the cost of the capital. In regards of non-interest income our results are significant, it means that there is significant relationship between non-interest income and the bank performance. In each years the bank performance is very good and that’s why higher means of the non-interest income ratio. There is significant relationship between bank performance and the loan loss provision in our analysis. The performance and size of the bank also directly impact on the loan loss provisions ratio. Higher the loan loss provision higher the risk in that bank. In our analysis there is significant relationship between performance of the bank and the ROA. In our results regarding to return on equity ratio and bank performance relationship, there is significant relationship between them. There is a significant relationship between the nonperforming
loan and the bank performance. Non-performing loan is the bad sign for the future of the banking sector in the Kingdom of the Bahrain.

Key words: Financial ratios, Banks, Performance, Small bank, Large Bank.

Introduction

Economies globally are motivated to survive competitively. With the rise in the inflation in the economy and also with the rising trend in the taxes and hard economic conditions, the nation’s globally try to improve their economic condition by using different tools (Elkhayat & ElBannan, 2018). Bahrain is a small economy and also called small island-based economy which is rich in the oil production. From 1930, a maintain system the development of the Gulf countries economy including country Bahrain (Elkhayat & ElBannan, 2018). When oil production stared in the Bahrain then their economy increased and also increased in the education and decrease in the unemployment and also increase in the GDP of the country by favorable balance of the payment and balance of the trade. Be that as it may, gradually the economies are attempting to expand from oil items to guarantee vital food of their economic condition. Critically, the Kingdom of the Bahrain over the previous period has been taking a shot at to organize on different segments keeping in see the shortage of oil assets and stores. With stable FICO assessment is BB Plus, the economy is endeavoring to put resources into various areas to guarantee it produces different assets for supporting its economy.

In that, the administration, Bahrain has made genuine strides enhance its monetary record to have commitment from various financial segments. Comparable advances were taken by other GCC nations also. Here, in view of the BEC 2018 report, Gulf country corporation nations including Bahrain have been attempting to build the non-oil commitment. The Kingdom of Bahrain began focusing on the financial sector later 1990. The nation is known to be the first in the inlet district that propelled differentiating from the oil. Now a days financial sector is one of the most remarkable contributing sector in the Kingdom of Bahrain. According to the 2015 reports, money related part contributes 17.18% towards the GDP. Money related part in Bahrain is considered as one of the quickly extending and prospering area over east countries. This is additionally a direct result of the way that Bahrain is a free and open economy. The monetary advancements in the economy are clarifying because of improved administrative system and accessibility of instructed workforce. The administrative strategies are encouraging the economy to get steadiness the money related framework. The financial sector of Bahrain includes banking segment, protection, venture administrations, financier houses, protections and common supports substances. In that, the banking part has most of the offer in the division. Bahrain's banking division offers different customary and Islamic money related items and administrations.
Bahrain's financial division includes both Islamic, traditional banks holding up to 84% of hard and fast monetary assets. 29 of them have retail banks offering regular money related entities, and 73 markdowns manage an account in the overseas operator sections of 8 different banks. Banking expected significant activity in affecting the budget area. The benefits of the financial segment emerged in 2016 at $ 192.7 billion, which is even more evident than the country's GDP in different events. With its amazing regulatory structure and skilled workforce, Bahrain has acquired a regional port for budget components and attracted remote banks to start offering their establishments in the country. Regardless, as a small economy with just 1.5 million audiences, banks have an extraordinary potential for competition and credibility among themselves. Figuratively speaking, this leads to underlining the prerequisite for banks, highlighting how banks can highlight sufficient capacity for updating, as well as how they can purposefully improve their monetary representation to help. In a perfect world, this doesn't really be limited for taking a gander at the sort of serious financial items and additionally benefits they could offer yet in addition towards work practices and strategies that are observationally demonstrated having significant effect on hierarchical results especially on financial performance .

The fundamental point of commercial banks is to enroll better performance through continued productivity and development (Nzewi & Ojiagu, 2015). Be that as it may, endeavors to acknowledge such victories, are regularly influenced by different working economic situations, for example, the degree of opening, stakeholders, political scene, business lawful system, the expense of working together, new creative items, inter management system, developing innovations, and impacts of internationally. The banking sector is a basic part in economy and its exhibition ought to be checked near protect the enthusiasm of a nations economy. Banks are impetuses of monetary development through the arrangement of management to the public. Economic growth of banks means monetary development and soundness of an economy through budgetary part steadiness . Additionally, great performance of business banks is factor for a powerful monetary framework which can endure unpredictability and stuns in the economy; in any case, horrible showing can add to major money related emergency particularly inside rising economies.

Bahrain is considered the island of pearls and the focus goal of the GCC countries regarding money. The cash-related part of the country has been specifically built and expanded. Provides comprehensive regulation for budget things and a board; This makes the country the primary currency fixation in the Gulf region. There is oil and gas as standard assets in Bahrain. The nation relied strictly on this fee to determine the course of its spending occasions. Rather, the monetary part is the part that supports the economy. The gross domestic product for 2017 is $ 35.3 billion, an increase of 9% over the previous year. The spending part contributes 16% to GDP in 2017 and 26.90% or more of Bahrain's Gross Domestic Product in 2018, as the Central Bank of Bahrain shows, premium focuses will increase to 188.2 billion per 2018. . It has a positive course. It moves to the US dollar.
The division of labor of a country is the part sustained in improving the economy. Finance is the proof of every business development. The life of any business depends on clear decisions. Making financially important decisions will build on spending summaries. These decisions improve their business and assist in filing budgetary and social objections to increase the wealth of regular financial professionals. Making decisions about cash is difficult and making the right decisions at the ideal time is essential, as chefs apply different tools and strategies that are useful in brain and control. Decisions taken by finance professionals to increase or decrease their hypotheses and decisions made by agents or customers will similarly affect the promotion. Like each item for the bank, it is essential that the accomplices produce their reward and expand the advantage.

According to the previous study of the core activity, the financial division plays with the unforeseen development regarding money, generally there has been an increase in practices close to the central bank to equip the corporate governance norms of various organizations, the banking system committee and the OECD with a viewpoint. Updating the chiefs and performance of these huge offices.

Some countries are building a strong economy by making different efforts and making the institutional governance mechanism very strong and have to lead and solve some problems in Africa. World banks acknowledge that there are approximately 10,000 bank operations worldwide, and that they expanded their operations by December 2012. The share controlled by the regulation in the countries is over 60%, reaching 80 of the total results. This, combined with increased inward loads, created enormous difficulties for commercial banks' ability to deal with money. Some researches surmised that external condition has been one of the central trials that have been touching the financial territory assignments inside business banks in East Africa.

In our observation bank performance in the simple way can be measured by the help of the ratio. These rates are used in the analysis of statement related to finance; There are main ratio groups for banks,

1. profitability
2. Liquidity
3. Leverage
4. cash flow.

In commercial banks line two types of the banking system running their business that includes both conventional trade of banking and the Islamic mode of the finance working the country of Bahrain. In the 2020 the trend of the Islamic banking in the Islamic countries increased due to the interest on the investment, this leads to the interest free banking system in the economy. Islamic bank work under the central bank but it has different structure and business strategy as compared to the conventional banking system. In Islamic banking system all working are under the Shriah compliance laid down by the board of that country,
In an examination of the previous study by (Chol, Nthambi, & Kamau, 2020) on the presentation of commercial banks in Sri Lanka, showed that the exhibition of commercial banks was financial performance is very effective as compared to that of the institutional effectiveness as industry average. Then again, (Chol et al., 2020) tried to look at the elements adding to positive impact inside the banks in Jordan. Discoveries from the investigation demonstrated that outer factors, for example, swelling, Gross Domestic Product and the capital market capitalization strongly affect the exhibition of commercial banks. Some researches (Chol et al., 2020) concentrated how inside variables influence the presentation of commercial banks in Japan. Discoveries from the examination demonstrated that there was a negative connection between capital involvement, credit performance and performance of banks while the board effectiveness, liquidity and resource quality affected the financial performance of commercial banks.

Evidence from developed economies, demonstrate that a steady banking framework is essential to advancing financial development and advancement of establishments inside the nation. Some researches shows that inward bank-explicit components are vital to encouraging the steadiness of commercial banking establishments. Some researches stated that the security of money related foundations is a key pointer of a well working monetary framework, demonstrate that a sound and stable money related part of the organization on the move economies is fundamental for advancing institutional turn of events and firm performance. As indicated by (Chol et al., 2020) the IMF (2017), (Chol et al., 2020), Article IV guidance press report; the republic of South Sudan has been meeting macroeconomic irregular characteristics which have soaked the progressing macroeconomic strength attempts and the organizing of the nation's money related division. The report (Chol et al., 2020) further shows that through administrative components commercial banks have been required to hold fast to legal necessities on least capital which has diminished weaknesses in the banking area. In any case, (Chol et al., 2020) stated that regardless of setting up the base capital fundamentals for both outside owned and privately claimed banks just about portion of the banks have had the option to meet the necessities. The banking business in the nation is populated by local banks for the most part from Kenya which have been accomplishing moderately preferable performance over indigenous banking organizations in the nation (Chol et al., 2020).

There is an expanding monetary and budgetary weight universally on specialty units nowadays. This has been pushing authoritative researchers and corporate specialists to chip away at investigating courses through which associations could succeed and continue over the long haul. Especially concerning money related performance, associations are universally battling to have reasonable salary (Rupert & Smith, 2016). Thus, the need to discover courses through which these components could help upgrade an association's capacity to guarantee better financial performance through concentrating on different business viewpoints and word related areas. Corresponding to different economies, Bahrain has additionally been taking genuine activities to guarantee the nation produces different assets to help the economy (Rupert &
The Kingdom of Bahrain began focusing on the financial sector since the 1990s and also make a rules and regulations for the betterment of the financial sectors. The country is known to be the first to identify oil recovery in the delta region. Today, the monetary sphere is one of the most rising contributing segments in the Kingdom of Bahrain. As noted in the 2016 reports, the budget area contributes to gross domestic growth, around 17% of GDP. The budget division in Bahrain is considered one of the fastest growing and developing parts in the Middle East. Moreover, this is a direct result of how Bahrain is a free and open economy. Budget advances in the economy clarify a consequence of the improved regulatory framework and openness of the educated workforce. Regulatory action plans call on the economy to strengthen the budget structure. Bahrain's currency-related division includes the banking division, insurance, theory organizations, agencies, assurances and shared sponsor components. In this, the section on money has the majority of the offer in the section. The monetary part of Bahrain offers a variety of standard and Islamic currency related things and governance within Bahrain.

Literature review and methodology.

The Kingdom of Bahrain began focusing on the monetary segment since 1990s. The nation is known to be the first in the inlet area that propelled enhancing from oil trading. Now a days monetary area is one of the most noteworthy paying segment in Bahrain. According to the reports in 2015, money related part pays 17.19% near the development household item. Budgetary area in Bahrain is measured as one of the quickly extending and prospering part over the East countries. Strikingly, the banking division of Bahrain involves both Islamic and ordinary banks contain 84.15% of the all out monetary resources (Oxford, 2019). As of late, with more noteworthy monetary difficulties and extreme money related circumstances all over the place, most banks running in Bahrain should be practical too to guarantee they support deliberately.

The directorate of the banks also incorporate such critical choices to their banks that are working in an overall genuine store and business world. In this perspective the latest investigation is pointed at to discover "Financial performance Analysis of the Banks. For this Bahrain business Banks is picked as the example for the investigation. This study is about the financial performance of the conventional banks in Bahrain. The financial analysis of the banks is based on the recent accounting period which ended in 2019. The main objective of the study is given below,

- Our first objective is to give the overview of the conventional banks performance in financial sector of Bahrain.
- To evaluate the financial statement for the purpose of the ratio’s analysis.
- To check the ratio analysis profitability and the liquidity of the banks is an important tool to measure the performance of the bank.
- To analysis of the financial performance by using the financial ratios.

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To analysis of the financial performance by using the financial ratios.
The financial sector of Bahrain involves both Islamic and conventional banks that hold up to 84.89% share in the total financial institutions in Bahrain. There are major 32 retail banks offering ordinary financial. The financial sector has assumed a significant job in criticizing the financial sector (Galdeano, Ahmed, Fati, Rehan, & Ahmed, 2019). The advantages of the financial sector arrived at 193 billion dollars in 2016 and 2017, which is on various occasions more prominent than the GDP of the nation even. With strong administrative structure and qualified faculty, Bahrain has gotten a territorial port for financial substances, drawing in remote banks to begin offering their administrations in the nation. Be that as it may, as a little economy with just 1.5 million populations, there is a potential and plausibility of extreme rivalry among the banks themselves. As it were, this leads towards underlining the requirement for banks feature how they can adequately function to improve and/or upgrade their financial presentation to support deliberately. In a perfect world, this doesn't really be limited for taking a gander at the sort of serious financial items and additionally benefits they could offer yet in addition towards work practices and arrangements that are observationally demonstrated having extensive effect on authoritative results especially on financial performance (Chun et al., 2013). The banking sector in Bahrain growing day by day due to better performance.

2.2 literature review

Eljelly (2004) prepared a conditional report on the compromise between liquidity and financial necessity due to joint associations in Saudi Arabia. Under his supervision, the relationship was evaluated with more than two signs in terms of current expansion and financial plan. The delayed secondary effect of the audit revealed a negative link between the two.

(Robin, Salim, & Bloch, 2018) conducted a review of data on the determinants and concentration of banks' efficiency for some time, showing banks' presentation, based on European banks in terms of social relations. Separating data from 90 banks in Europe, North America and Australia, confirming a positive relationship between the bank's exposure and liquidity.

Efficiency ratio measured the working management efficiency to attain the desirable profitability by utilizing the all their economic resources for the betterment of the banks in Bahrain. Higher the efficiency ratio higher will be the profitability and also higher banking performance. The efficiency ratio plays very important roles in the analysis of the performance by seeing different principles. The large bank is more efficient in term of the efficiency ratios to generate income by utilizing their full economic resources and give the high efficiency ratio as compared to small bank.

(Aarma and Vainu, 2012) in their appraisal communicated that for the profitable progression of monetary area in the economy bank performance is a critical issue that have watched. (Alshatti, 2014), as per his evaluation dependent on liquidity the board it is seen that
preferences with higher liquidity sway business advantage and an improvement in the happening to shared subsidizes lead towards headway and accomplishment of Jordanian banks. (Ahmed, 2016), set up in his assessment with relationship to benefit and liquidity reasonable from the model taken that there is a nearby association between the components, for example, profit and net working capital and liquidity.

Qadri, (2020) in his assessment identified with association of financial performance in Saudi banks battled that an advancement in the advantage while increment in cost, working costs and assets, these all decline in profit.

(Bansal, Kiku, Shaliastovich, and Yaron, 2014) examines in his appraisal that money related uncovering can be grown precisely when there is a persuading association between the monetary explanation and the pay clarification. (Bennaceur and Goaied, 2008) surveyed the acquaintance of the bank's subject with net premium edge and benefit for esteem. Their assessment accepted that NIM, Cost ability and profitability have basic impact over the Middle East and North African nations.

Bourke (1989) have made an assessment dependent on banks in Europe by get-together the information for a long time about the focus and determinants of banks advantage that shows the banks performance. By isolating the information for 90 banks in Europe, North America and Australia, it is insisting that a positive relationship among performance of the bank and liquidity. In this assessment money related performance delegate used is efficiency.

Kunto (2012) who conducted the research in Indonesia on the banks performance by conducting financial ratio as a tool. According to the (Kunto 2012) that efficiency ratio shows the performance of the banks if that are correctly measured and evaluated by some expert. According to that higher the efficiency ratio higher the firm performance especially in banking sectors.

According to (Mishra & Dasgupta, 2019) that banks performance and the leverage are cross sectional performance and has negatively relationship. The small bank gives the better results as compared to the large bank in term of the risk management, but the situation can be handled by taking size of the bank as the control variables. This ratio is better that shows the lower risk and lower operating leverage which means that there is high use of variable cover over the total cost comparison. Leverage has the negative impact on the banks performance because the it creates a burden on the bank to recover the cost of the capital. According to (Mishra & Dasgupta, 2019) that stated operating leverage decrease the bank performance, he makes the comparisons of different banks.

Non-interest income is derived from the fees and charges collected as commission by the banks from the customer that create the increase in the overall profitability of the banks. The ratio of the non-interest income to total income are important for the banks because the performance
directly impact on this type of the factors. Some banks has higher the ratio due to the large providing facilities to their customers in effective ways.

The previous research conducted in US banking sector by (DeYoung & Rice, 2004), stated that the US commercial banks has the 40% of total operating income has the share of the non-interest income. This research article attached with the large number of the empirical evidences that is linked for business strategy makers. They performed a research using the data of the banking sector from 1998 to 2001. According to (DeYoung & Rice, 2004), well managed banks expand more slowly their non-interest income that associated with low risk and the return of the tradeoff on the industrial average. They stated that the non-interest income is existing together with the operating income and we can replace it with the interest income by motivating the core business activities.

According to Kolapo, Ayeni, & Oke, 2(012), that credit assessment is very necessary tools for management of the credit risk and also decreasing the loan loss provisions. He conducted the research in Nigeria banking sector.

Robin, Salim, & Bloch, (2018) have made an investigation dependent on banks in Europe by gathering the information for a long time about the focus and determinants of banks' profitability that shows the bank's performance. By breaking down the information for 90 banks in Europe, North America, and Australia, it is confirming that a positive relationship among the performance of the bank and liquidity. In this study financial performance proxy used is profitability. We conclude that the study of the Bahrain and other country is totally different in all respect. We make a constant increase the idea of (Khokhar, ul Hassan, Khan, Amin, & Center, 2020) that conduct a study about the Saudi conventional and Islamic financial industry to recognize the areas requiring vital measures to improve banking performance. They applied the DEA for information covering 2008 to 2016 (Khokhar et al., 2020). As indicated by the outcomes, both conventional and Islamic banks have been effective in improving their degrees of proficiency, given the regular promise to grow a piece of the overall industry and performance.

The tier 1 risk adjustment capital ratio shows the financial health of the banking sector in that country. The ratio of the tier 1 capital should be less than the minimum criteria adjusted by the code of the corporate governance of that country like 6 % or less. In general, large banks have more tier 1 risk-adjusted capital ratio which means that they have better ability to withstand an economic recession and they have the lower level of risk. In our results there is a significant relationship between the tier 1 risk-adjusted capital ratio and the banks performance.

The non-performing loan create the difficult situation in the way of the progress of the bank. Loans become non-performed after being in default for 90 days depending on the contract terms. Small bank is more profitable than the large bank with lower level or risk. There is a significant relationship between the nonperforming loan and the bank performance. Non-
performing loan is the bad sign for the future of the banking sector in the Kingdom of Bahrain (Kargi, 2011), also stated that non-performing loan create the credit risk high that has negatively impact on the banks performance.

Kosmidu et al (2007) stated that the financial performance of each bank depends on the size and the capital and also on some important financial ratios that shows actual performance. According to (Khokhar et al., 2020) inspected conventional and Islamic banks in the GCC for 2003–2015 by thinking about profit for assets and on value to measure performance. The researcher found that ordinary banks would do well to productivity that was influenced by bank-explicit factors, for example, liquidity, capital sufficiency, bank size, and development. Further, the GCC banks were seen as protected from the 2008 Global Financial Crisis, in spite of the fact that their productivity declined at a few levels because of territorial monetary disturbance (Khokhar et al., 2020).

Khokhar et al., (2020) designed the Saudi traditions and the Islamic currency-related sector to see areas that require fundamental measures to improve banking practices. They applied DEA for information covering 2008 to 2016. As can be seen from the results, both traditional and Islamic banks have been instrumental in improving their capacity ratings, given the standard assurance to create part of the overall business and executive. At the individual bank level, only Al-Rajhi specifically achieved the most fundamental score, sheer thinking, and scale feasibility. Both Saudi Hollande and National Commercial banks ranked top in standard banking. Despite the improvement of wages and shops in the Saudi budget industry, the assessment involves Islamic banks advancing short and long-term push techniques to improve association boundaries at the branch level (Khokhar et al., 2020).

2.5 Hypothesis development

On the ground of the previous literature we developed the following alternative hypothesis,

H1. Ratio of the profitability has positive relationship with bank performance.
H2. There is positive relationship between liquidity of the banks and the bank performance.
H3. Leverage ratios has negative relationship with bank performance.
H4. Cash flow ratios has positive relationship with bank performance.

This study is the kind of the research that has main aims to study at the depth of any institutions. The aim of this project research is to evaluate how far the financial analysis using the ratios are useful in measuring the actual performance. The examination as an exploration methodology can be basically applied and it gives spot to extension and summing up speculations; it utilizes both the current and hypothetical information with new observational bits of knowledge and numerous researchers have the theory that this strategy has unbelievable extent of use in growing new coatings of the real world, and growing new, testable and experimentally hypothetical and down to earth moments of knowledge. Background researches are
increasingly valuable to be inventive, soothing, and in building relationship, just as the equivalent could be utilized for hypothesis testing, nullification, decontaminating.

3.1 Data and sample Design.

The conventional banks of the Bahrain are selected as the sample for the analysis for our research project. The data is collected from the annual reports of the concern bank downloaded from their websites from 2017 to 2019 for the period of the three year for making financial analysis and seeing the performance of the banks. The Ratios are giving a correct direction to the firm performance.

3.2 Data Analysis

3.2.1 Descriptive Analysis

<table>
<thead>
<tr>
<th>Table 3.1</th>
<th>Mean</th>
<th>Median</th>
<th>Maximum</th>
<th>Minimum</th>
<th>Std. Dev.</th>
</tr>
</thead>
<tbody>
<tr>
<td>EFFICIENCY_RATIO</td>
<td>0.42245</td>
<td>0.3715</td>
<td>0.657</td>
<td>0.275</td>
<td>0.115844</td>
</tr>
<tr>
<td>LOAN_LOSS_PROVISION___O</td>
<td>0.009837</td>
<td>0.008</td>
<td>0.0242</td>
<td>0.0045</td>
<td>0.005579</td>
</tr>
<tr>
<td>NON_INTEREST_INCOME</td>
<td>0.521875</td>
<td>0.415</td>
<td>1.03</td>
<td>0.26</td>
<td>0.227075</td>
</tr>
<tr>
<td>NONPERFORMING_LOAN___OF</td>
<td>0.072275</td>
<td>0.06485</td>
<td>0.1168</td>
<td>0.0398</td>
<td>0.022261</td>
</tr>
<tr>
<td>OPERATING_LEVERAGE</td>
<td>-0.05131</td>
<td>-0.0037</td>
<td>0.119</td>
<td>-0.851</td>
<td>0.227875</td>
</tr>
<tr>
<td>ROA</td>
<td>0.018087</td>
<td>0.018194</td>
<td>0.022013</td>
<td>0.013652</td>
<td>0.002907</td>
</tr>
<tr>
<td>ROE</td>
<td>0.13512</td>
<td>0.137481</td>
<td>0.226524</td>
<td>0.089784</td>
<td>0.033757</td>
</tr>
<tr>
<td>TIER_1_RISK_ADJUSTED_CAP</td>
<td>0.16565</td>
<td>0.16045</td>
<td>0.2109</td>
<td>0.1391</td>
<td>0.02032</td>
</tr>
<tr>
<td>TOTAL_ASSETS</td>
<td>350274.5</td>
<td>227738.5</td>
<td>821868</td>
<td>123278</td>
<td>254693.2</td>
</tr>
</tbody>
</table>

The efficiency ratio has the mean value of the 0.422 and loan loss has the mean value 0.009837. The efficiency ratio means shows the good efficiency of the banking sector of the Bahrain by applying all their economic resources. The noninterest income has mean value 0.52 and the operating leverage ratio has mean value 0.05 with standard deviation of the 0.22 % that shows the position of the banking sector in the country of the Bahrain. The loan loss provision has with the mean value of 0.0098 with maximum value of the 0.0242 and has with minimum value of the 0.0045, it means that banks with greater loss provisions then faced low performance due to the some economical conditions and some other environmental conditions. Non-performing loan is not the good sign for the banks performance because bad debts create the bad image on the banks performance. In our descriptive statistics of the selected sample Non-performing loan
has mean value of 7.2% that has not a good sign in the way of the progress and long term growth of the banking sector in Bahrain and has with maximum value of the 11% that decrease the bank performance overall in the respective year. Operating leverage is in negative that is the good sign for the firm. ROA is with means value of the 0.0180 it means that return on the asset is less as compared to the industrial average. ROE has mean value of the 0.13, it means that 13% earn by the firm on their equity that shows a good return on their investment and that shows the better performance by the banks in Bahrain. After that we evaluate comparison of each ratio one by one in the next section of the analysis.

### 3.2.2 Analysis Results.

#### Efficiency Ratios and bank performance.

<table>
<thead>
<tr>
<th>Year</th>
<th>Mean</th>
<th>Variance</th>
<th>Observations</th>
<th>Operating Leverage</th>
</tr>
</thead>
<tbody>
<tr>
<td>2017</td>
<td>0.400544</td>
<td>0.010349</td>
<td>16</td>
<td>28942</td>
</tr>
<tr>
<td>2018</td>
<td>0.407276</td>
<td>0.010472</td>
<td>17</td>
<td>290041</td>
</tr>
<tr>
<td>2019</td>
<td>0.418178</td>
<td>0.011996</td>
<td>18</td>
<td>28852</td>
</tr>
</tbody>
</table>

The large bank is more efficient in term of the efficiency ratios to generate income by utilizing their full economic resources and give the high efficiency ratio as compared to small bank. The large banks have more resources as compared to the small banks in term of the efficiency ratio. When bank has good efficiency ratio then their performance has greater value. In 2017 the efficiency ratio has 40% it means that firm can utilize all their resources in the better way to generate the profitability in order to sustain in the market. In 2018 The ratio increases with slow rate but has constant growth in the efficiency ratios, it means that the Banks can attain some more improvement in order to efficiency ratio that shows the banks performance. In 2019 means value increased and reached to 41% that shows the constant increase in the efficiency ratio and has good performance. To see about results we can evaluate that efficiency ratios has positive relationship with the banks performance in Bahrain conventional banks.

#### Operating leverage ratio and banks performance.

<table>
<thead>
<tr>
<th>Year</th>
<th>Mean</th>
<th>Variance</th>
<th>Observations</th>
<th>Operating Leverage</th>
</tr>
</thead>
<tbody>
<tr>
<td>2017</td>
<td>-0.05309</td>
<td>0.051735</td>
<td>16</td>
<td>28,942,488,939.36</td>
</tr>
<tr>
<td>2018</td>
<td>-0.05215</td>
<td>0.048517</td>
<td>17</td>
<td>29,004,194,361.14</td>
</tr>
<tr>
<td>2019</td>
<td>-0.04872</td>
<td>0.045875</td>
<td>18</td>
<td>28,852,581,441.02</td>
</tr>
</tbody>
</table>

The small bank gives the better results as compared to the large bank in term of the risk management, but the situation can be handled by taking size of the bank as the control variables. This ratio is better that shows the lower risk and lower operating leverage which means that
there is high use of variable cover over the total cost comparison. Leverage has the negative impact on the banks performance because the it create a burden on the bank to recover the cost of the capital. In our analysis operating leverage in 2017, 2018 and 2019 is some changes and has -5% that is the good sign for the performance of the banks. Leverage should be in the less value that shows the performance of the Banks.

Non-interest Income and Bank performance.

Table 3.4

<table>
<thead>
<tr>
<th>Years</th>
<th>Mean</th>
<th>Variance</th>
<th>Observations</th>
<th>Pooled Variance</th>
<th>Hypothesized df</th>
<th>Stat</th>
<th>P(T&lt;=t)</th>
<th>Critical t</th>
<th>P(T&lt;=t)</th>
<th>Critical t</th>
</tr>
</thead>
<tbody>
<tr>
<td>2017</td>
<td>0.478125</td>
<td>0.053683</td>
<td>16</td>
<td>28,942,488,939.26</td>
<td>0</td>
<td>30</td>
<td>-6.27426</td>
<td>0.00</td>
<td>1.697261</td>
<td>0.00</td>
</tr>
<tr>
<td>2018</td>
<td>0.485882</td>
<td>0.051351</td>
<td>17</td>
<td>29,004,194,361.14</td>
<td>0</td>
<td>32</td>
<td>-6.20651</td>
<td>0.00</td>
<td>1.693889</td>
<td>0.00</td>
</tr>
<tr>
<td>2019</td>
<td>0.497222</td>
<td>0.050645</td>
<td>18</td>
<td>28,852,581,441.03</td>
<td>0</td>
<td>34</td>
<td>-6.17109</td>
<td>0.00</td>
<td>1.690924</td>
<td>0.00</td>
</tr>
</tbody>
</table>

In this regards our results are significant, it means that there is significant relationship between non-interest income and the bank performance. In each years the bank performance is very good and that’s why higher means of the non-interest income ratio. In 2017 the Non-interest income is 47% that means that banks can earn that percentage of the amount in profitability and has a good sign for the banks. Their value is increasing in 2018 and 2019 that shows the better banks performance in Bahrain. Our results shows that Non-interest income has positive relationship with the banks performance in that situation of the sample selected data.

Loan loss provision Analysis and Bank performance

Table 3.5

<table>
<thead>
<tr>
<th>Years</th>
<th>Mean</th>
<th>Variance</th>
<th>Observations</th>
<th>Pooled Variance</th>
<th>Hypothesized df</th>
<th>Stat</th>
<th>P(T&lt;=t)</th>
<th>Critical t</th>
<th>P(T&lt;=t)</th>
<th>Critical t</th>
</tr>
</thead>
<tbody>
<tr>
<td>2017</td>
<td>0.009806</td>
<td>3.12E-05</td>
<td>16</td>
<td>28,942,488,939.23</td>
<td>0</td>
<td>30</td>
<td>-6.27426</td>
<td>0.00</td>
<td>1.697261</td>
<td>0.000</td>
</tr>
<tr>
<td>2018</td>
<td>0.009653</td>
<td>2.96E-05</td>
<td>17</td>
<td>29,004,194,361.12</td>
<td>0</td>
<td>32</td>
<td>-6.20652</td>
<td>0.00</td>
<td>1.693889</td>
<td>0.000</td>
</tr>
<tr>
<td>2019</td>
<td>0.009611</td>
<td>2.79E-05</td>
<td>18</td>
<td>28,852,581,441.00</td>
<td>0</td>
<td>34</td>
<td>-6.17111</td>
<td>0.00</td>
<td>1.690924</td>
<td>0.000</td>
</tr>
</tbody>
</table>

There is significant relationship between bank performance and the loan loss provision in our analysis. The performance and size of the bank also directly impact on the loan loss provisions ratio. Higher the loan loss provision higher the risk in that bank. When there is high risk in the banks then their performance are at the stake due to the risk management.
Tier 1 Risk-Adjusted Capital Ratio Analysis and Bank performance

Table 3.6

<table>
<thead>
<tr>
<th>Years</th>
<th>Mean</th>
<th>Variance</th>
<th>Observations</th>
<th>Hypotheses</th>
<th>df</th>
<th>t Stat</th>
<th>P(T&lt;=t) one-tail</th>
<th>t Critical one-tail</th>
<th>P(T&lt;=t) two-tail</th>
<th>t Critical two-tail</th>
</tr>
</thead>
<tbody>
<tr>
<td>2017</td>
<td>0.165688</td>
<td>0.000402</td>
<td>16</td>
<td>0</td>
<td>15</td>
<td>-6.27426</td>
<td>0.00</td>
<td>1.75305</td>
<td>0.00</td>
<td>2.13145</td>
</tr>
<tr>
<td>2018</td>
<td>0.165406</td>
<td>0.000379</td>
<td>17</td>
<td>0</td>
<td>16</td>
<td>-6.20652</td>
<td>0.00</td>
<td>1.745884</td>
<td>0.00</td>
<td>2.119905</td>
</tr>
<tr>
<td>2019</td>
<td>0.164222</td>
<td>0.000382</td>
<td>18</td>
<td>0</td>
<td>17</td>
<td>-6.1711</td>
<td>0.00</td>
<td>1.739607</td>
<td>0.00</td>
<td>2.109816</td>
</tr>
</tbody>
</table>

In general, large banks have more tier 1 risk-adjusted capital ratio which means that they have better ability to withstand an economic recession and they have the lower level of risk. There is a significant relationship between the tier 1 risk-adjusted capital ratio and the banks performance.

Return on Asset Analysis and Bank performance

Table 3.7

<table>
<thead>
<tr>
<th>Year</th>
<th>Mean</th>
<th>Variance</th>
<th>Observations</th>
<th>Hypotheses</th>
<th>df</th>
<th>t Stat</th>
<th>P(T&lt;=t) one-tail</th>
<th>t Critical one-tail</th>
<th>P(T&lt;=t) two-tail</th>
<th>t Critical two-tail</th>
</tr>
</thead>
<tbody>
<tr>
<td>2017</td>
<td>0.017369</td>
<td>0.00</td>
<td>16</td>
<td>0</td>
<td>15</td>
<td>-6.27426</td>
<td>0.00</td>
<td>1.75305</td>
<td>0.00</td>
<td>2.13145</td>
</tr>
<tr>
<td>2018</td>
<td>0.017522</td>
<td>0.00</td>
<td>17</td>
<td>0</td>
<td>16</td>
<td>-6.20652</td>
<td>0.00</td>
<td>1.745884</td>
<td>0.00</td>
<td>2.119905</td>
</tr>
<tr>
<td>2019</td>
<td>0.017696</td>
<td>0.00</td>
<td>18</td>
<td>0</td>
<td>17</td>
<td>-6.1711</td>
<td>0.00</td>
<td>1.739607</td>
<td>0.00</td>
<td>2.109816</td>
</tr>
</tbody>
</table>

The return on asset is very critical case in the banks. The high ratio of the return on asset shows a efficient performance of the bank. In our analysis there is significant relationship between performance of the bank and the ROA, It means that Performance directly depends on the assets return. In some researches the ROA is also taken as variables for the measurement of the performance because the ROA directly measure the performance. In 2017 Return on asset is about 0.017 but in the next year it remains constant due to the banks strict policies and implementation.

Return on Equity and bank performance

Table 3.8

<table>
<thead>
<tr>
<th>Years</th>
<th>Mean</th>
<th>Variance</th>
<th>Observations</th>
<th>Hypotheses</th>
<th>df</th>
<th>t Stat</th>
<th>P(T&lt;=t) one-tail</th>
<th>t Critical one-tail</th>
<th>P(T&lt;=t) two-tail</th>
<th>t Critical two-tail</th>
</tr>
</thead>
<tbody>
<tr>
<td>2017</td>
<td>0.132393</td>
<td>0.0013</td>
<td>16</td>
<td>0</td>
<td>15</td>
<td>-6.27426</td>
<td>0.00</td>
<td>1.75305</td>
<td>0.00</td>
<td>2.13145</td>
</tr>
<tr>
<td>2018</td>
<td>0.132901</td>
<td>0.001223</td>
<td>17</td>
<td>0</td>
<td>16</td>
<td>-6.20652</td>
<td>0.00</td>
<td>1.745884</td>
<td>0.00</td>
<td>2.119905</td>
</tr>
<tr>
<td>2019</td>
<td>0.133088</td>
<td>0.001152</td>
<td>18</td>
<td>0</td>
<td>17</td>
<td>-6.1711</td>
<td>0.00</td>
<td>1.739607</td>
<td>0.00</td>
<td>2.109816</td>
</tr>
</tbody>
</table>

In our results regarding to return on equity ratio and bank performance relationship, there is significant relationship between them. In some researches ROE is taken as the proxy for measuring the performance directly, it means that ROE is another indicator of measuring the banks performance directly.
Non-performing Loan Ratio and Bank performance.

Table 3.9

<table>
<thead>
<tr>
<th>Years</th>
<th>Mean</th>
<th>Variance</th>
<th>Observation</th>
<th>Hypothesis df</th>
<th>t Stat</th>
<th>P(T&lt;=t) one-tail</th>
<th>Critical t</th>
<th>P(T&lt;=t) two-tail</th>
<th>Critical t</th>
</tr>
</thead>
<tbody>
<tr>
<td>2017</td>
<td>0.065094</td>
<td>0.00036</td>
<td>16</td>
<td>0</td>
<td>-6.27426</td>
<td>0.00</td>
<td>1.75305</td>
<td>0.00</td>
<td>2.13145</td>
</tr>
<tr>
<td>2018</td>
<td>0.066859</td>
<td>0.00039</td>
<td>17</td>
<td>0</td>
<td>-6.20652</td>
<td>0.00</td>
<td>1.745884</td>
<td>0.00</td>
<td>2.119905</td>
</tr>
<tr>
<td>2019</td>
<td>0.069633</td>
<td>0.000506</td>
<td>18</td>
<td>0</td>
<td>-6.1711</td>
<td>0.00</td>
<td>1.739607</td>
<td>0.00</td>
<td>2.109816</td>
</tr>
</tbody>
</table>

Loans become non-performed after being in default for 90 days depending on the contract terms. Small bank is more profitable than the large bank with lower level or risk. There is a significant relationship between the nonperforming loan and the bank performance. Non-performing loan is the bad sign for the future of the banking sector in the Kingdom of the Bahrain.

For comparing the performance of all conventional banks working in the territory of the Bahrain, we use some important rations that are efficiency ratio, operating leverage, non-interest income, loan loss provision, nonperforming loan, tier 1 risk-adjusted capital, ROA and ROE ratios. We conclude that there is significant relationship between the bank performance and the given ratios. The impact may be the negative or positive but has great impact of the performance of the bank due to utilizations of the resources and risk management.

Evidence from developed economies, demonstrate that a steady banking framework is essential to advancing financial development and advancement of establishments inside the nation. Some researches shows that inward bank-explicit components are vital to encouraging the steadiness of commercial banking establishments. Some researches stated that the security of money related foundations is a key pointer of a well working monetary framework, demonstrate that a sound and stable money related part of the organization on the move economies is fundamental for advancing institutional turn of events and firm performance and our results are similar to that research (Mehta, A. 2012). Our results are similar to the some researcher (Chol et al., 2020) conducted in South Sudan, that has been meeting macroeconomic irregular characteristics which have soaked the progressing macroeconomic strength attempts and the organizing of the nation's money related division. The report further shows that through administrative components commercial banks have been required to hold fast to legal necessities on least capital which has diminished weaknesses in the banking area. In any case, regardless of setting up the base capital fundamentals for both outside owned and privately claimed banks just about portion of the banks have had the option to meet the necessities. Our results are also similar to the previous research on the banking business in the nation is populated by local banks for the most part from Kenya which have been accomplishing moderately preferable performance over indigenous banking organizations in the nation (Chol et al., 2020)). The present investigation tried to analyze how the ownership structure and bank stability influence the money related performance of commercial banks.
4. Discussion and Conclusion.

Financial performance is the best tool for measuring the banking overall performance, in financial performance ratio analysis is the important tool to be tested by different researchers (Febryanti & Zulfadin, 2003). Each ratio has one indicator in the way of the current and also future progress of the banks. For comparing the performance of all conventional banks working in the territory of the Bahrain, we use some important rations that are efficiency ratio, operating leverage, non-interest income, loan loss provision, nonperforming loan, tier 1 risk-adjusted capital, ROA and ROE ratios. We conclude that there is significant relationship between the bank performance and the given ratios. The impact may be the negative or positive but has great impact of the performance of the bank due to utilizations of the resources and risk management. Some ratios have positively relationship with the bank’s performance, but some ratios are negatively relationship with the banks performance. The negative indicator leads to negative points of the banking in that country. The kingdom of Bahrain has made the banking system very strong by making strong code of the corporate governance. All the banking sector run their business activities in accordance with the code of the corporate governance and that’s why banking sector is growing in the kingdom of the Bahrain.

4.2 Discussion on the Hypothesis and Findings.

4.2.1 Discussion on Efficiency Ratios and bank performance Relationship.

Efficiency ratio measured the working management efficiency to attain the desirable profitability by utilizing the all their economic resources for the betterment of the banks in Bahrain. Higher the efficiency ratio higher will be the profitability and also higher banking performance. The efficiency ratio plays very important roles in the analysis of the performance by seeing different principles The large bank is more efficient in term of the efficiency ratios to generate income by utilizing their full economic resources and give the high efficiency ratio as compared to small bank. The large banks have more resources as compared to the small banks in term of the efficiency ratio. When bank has good efficiency ratio then their performance has greater value. In our results of the analysis of efficiency ratio for the year 2017 the efficiency ratio has 40% it means that firm can utilize all their resources in the better way to generate the profitability in order to sustain in the market. Our results for the year 2018 the ratio increase with slow rate but has constant growth in the efficiency ratios, it means that the Banks can attain some more improvement in order to efficiency ratio that shows the banks performance. Our results for the year 2019 mean value increased and reached to 41% that shows the constant increase in the efficiency ratio and has good performance. To see about results we can evaluate that efficiency ratios have positive relationship with the banks performance in Bahrain conventional banks. Our results are similar to the (Kunto 2012) who conducted the research in Indonesia on the banks performance by conducting financial ratio as a tool. According to the (Kunto 2012) that efficiency ratio shows the performance of the banks.
if that are correctly measured and evaluated by some expert. According to that higher the efficiency ratio higher the firm performance especially in banking sectors.

4.2.2 Discussion on Operating leverage ratio and banks performance Relationship

Leverage has the negative impact on the banking sector. Leverage is the bad indicator for the future development of the banks in that country. According to (Mishra & Dasgupta, 2019) that banks performance and the leverage are cross sectional performance and has negatively relationship. The small bank gives the better results as compared to the large bank in term of the risk management, but the situation can be handled by taking size of the bank as the control variables. This ratio is better that shows the lower risk and lower operating leverage which means that there is high use of variable cover over the total cost comparison. Leverage has the negative impact on the banks performance because the it creates a burden on the bank to recover the cost of the capital. In our analysis operating leverage in 2017, 2018 and 2019 is some changes and has -5% that is the good sign for the performance of the banks. Leverage should be in the less value that shows the performance of the Banks. In this regards our results are similar to (Mishra & Dasgupta, 2019) that stated operating leverage decrease the bank performance, he makes the comparisons of different banks.

When exactly cash is acquired to use it for speculation and take advantage of this understanding, it is called effect. Because it creates the risk of impact, the true degree of impact becomes dangerous for a relationship. Then again, if the effect cash is required to be reasonably used, the higher impact along the similar route improves the appearance and supported condition of a partnership. That is, impact is used in different circumstances to improve the concentrations of focus and to construct the money-related nature of a link. There are four conditions used to draw the influence ratings.

Basic value and liability relationship are includes, the Business return and impacts on the cycle of influence. Relation to overall influence level between industry and accomplices and interrelation between current degree of influence and central influence level. The indispensable perspective of a trade union that is related to influence. The accepted result of the impact can be used to compensate, improve, money-related position and improve the quality of an association. The degree of impact is defined by the inhibition of good position and quality change. A high level of influence can change a union's advantages when it occurs logically opposite, such as memberships with modest influence levels. (Smith, 2002) Companies all over the world are constantly fighting off different threats with outlines. Work hazards defined by associations are as, Foreign trade possibility, Credit risk, Market reliability, Political credibility, Environmental competence, Systematic reliability. These hazards are interrelated with regard to the level of impact and the degree of impact because the increase in impact further expands the hazards. Gradually, basic yields can be cleared by going towards great
troubles. As such, portraying the highest degree of threat to their relationship is a remarkable test for the relationship.

Before a very long day passed, affiliates knew the danger with their split and were expressing their business. In fact, every business is putting aside time data to face its own dangers and to distinguish between various dangers. The central risk identified by use is called Systematic hazard, which is the standard for all liabilities or resources. The market and market chance frameworks and progress cannot be distributed as if they have been suppressed, bank presentations will decline. The relationship between reputational return and impact hazard is enormous. The association can cope with better allocation to chances and use the sum of influence cruelly, just in case membership uses moderate influence. (Bhatti, 2010).

The effect can be intensified by the full commitment to the removal of several liabilities as the financing of banks and securities are a result of financing. Different obligations such as gross conditions, barter, specific range of action are imposed from various individuals such as makers, buyers, customers, and providers in performing their work. Capital is financed in the lines of business to support or contribute to liabilities. Conversely, relationships can gain advantage through direct action using ideal influence. The approach to using liabilities is part of the respect for significant book values. The evaluation of the annual report limits the scholarship fee, starting from the full utilization of the effect. (Nissim and Penman, 2003).

4.2.3 Discussion on Non-interest Income and Bank performance Relationship

Non-interest income is derived from the fees and charges collected as commission by the banks from the customer that create the increase in the overall profitability of the banks. The ratio of the non-interest income to total income are important for the banks because the performance directly impact on this type of the factors. Some banks has higher the ratio due to the large providing facilities to their customers in effective ways. In this regards our results are significant, it means that there is significant relationship between non-interest income and the bank performance. In each years the bank performance is very good and that’s why higher means of the non-interest income ratio. In 2017 the Non-interest income is 47% that means that banks can earn that percentage of the amount in profitability and has a good sign for the banks. Their value is increasing in 2018 and 2019 that shows the better banks performance in Bahrain. Our results show that Non-interest income has positive relationship with the banks performance in that situation of the sample selected data. In this regards our results are similar to the previous research conducted in US banking sector by (DeYoung & Rice, 2004), stated that the US commercial banks has the 40% of total operating income has the share of the non-interest income. This research article attached with the large number of the empirical evidences that is linked for business strategy makers. They performed a research using the data of the banking sector from 1998 to 2001. According to (DeYoung & Rice, 2004), well managed banks expand more slowly their non-interest income that associated with low risk and the return of the tradeoff on the industrial average. They stated that the non-interest income is existing
together with the operating income and we can replace it with the interest income by motivating the core business activities.

The word effectiveness is made out of two words, unequivocally, upheld position and cutoff. The term advantage has been explained above and extremely far shows the intensity of a business piece to get benefits. The imperative of a weight other than shows its getting power or working performance. The favored position may be portrayed as the explanation behind concealment of an offered set out to win an appearance from its use. Upheld position is an overall thought at any rate advantage is a level out substance. Notwithstanding being enduringly related to and by and large related, piece of breathing room and effectiveness are two remarkable considerations. Considering, paying small admonition to their nonexclusive nature, all of them has a specific part in business. As a level out term, advantage has no criticalness to take a gander at the imperative of a business association. A high staggering position doesn't for the most part show sound fascinating cutoff and low sensibility isn't ordinarily a sign of credible issue. Subsequently, it may be said that upheld position isn't the prime variable on the clarification of which as far as possible and budgetary sensibility of an affiliation can be looked. To contemplate the plentiness of capital used and to check operational efficiency, ampleness assessment is considered as doubtlessly the best point of view. (Tulsian, 2014). The farthest motivation behind an arrangement, undertaking, union and firm to make advantage utilizing all business assets and by doing all cutoff centers and techniques is called profitability. It depicts the association ability to make advantage by utilizing each and every keen improvement which exist in pitch. In like way, the bit of leeway is the opportunity of an office to get advantage by its utilization. The word benefit isn't acknowledged limit considering how the efficiency presumably checks the firm and business ability and this sensibility can be released up by the advancement of the board. As the benefit is utilized to review firm sufficiency yet is certainly not an over the top confirmation of limit. It is occurred in express conditions that even a firm is broadening a sensible central focuses yet at the same time it is viewed as wasteful and in, considering, a supportive firm isn't winning a striking ideal position. The net bit of room depicts the multifaceted nature among occupations and costs. In the event that the capacity of a firm changes, it is a delayed consequence of just on factor and that factor is the one on which bit of leeway of a firm is sublimely reliant. There are different areas which sway the productivity other than that of a reachability. In that parts, getting per share (EPS) is viewed as the critical and all around key to check the association's productivity and a degree of a firm bit of leeway. Dr. Sanjeet Sharma (2011) appeared in his evaluation paper that EPS is the best picking fragment early a by contemplating the particular track. That is the clarification inspectors considered the EPS factor when they need to pick about their undertaking. Faris Nasif AL-Shubiri (2010) executed the examination by taking lose the certainty evaluation and gave results that market cost of offer and resources respect per share is decidedly related. As requirements be, he gave results that both microeconomic and macroeconomic parts have impact on banks performance. Garvey and Milbourn (2002) examined that banks shows audit the choice for workers to contribute for stock is near nothing.
They appeared with demands that the protections trade move with adventure possibility of worker to barely think about the expenses. Li and Wong (2005) depicted that banks performance expect as indicated by warrant considering structure is littler when stood isolated from run of the mill valuation approach and closer to genuine banks performance.

### 4.2.4 Discussion on Loan loss provision Analysis and Bank performance Relationship.

Loan loss provision is the amount that is kept in reserve to meet the needs or write off of the bad debts amount. When there is huge amount of the loan loss provision then there is high risk of the default at the backend. The large amount in the provision for loan loss, it means that there is lack of the risk management and risk diversifying tools by the banks.

In our results there is significant relationship between bank performance and the loan loss provision in our analysis. The performance and size of the bank also directly impact on the loan loss provisions ratio. Higher the loan loss provision higher the risk in that bank. When there is high risk in the banks then their performance are at the stake due to the risk management. Our results are similar to the previous research conducted by (Kolapo et al., 2012), that credit assessment is very necessary tools for management of the credit risk and also decreasing the loan loss provisions. He conducted the research in Nigeria banking sector.

### 4.2.5 Discussion on Tier 1 Risk-Adjusted Capital Ratio Analysis and Bank performance Relationship.

The tier 1 risk adjustment capital ratio shows the financial health of the banking sector in that country. The ratio of the tier 1 capital should be less than the minimum criteria adjusted by the code of the corporate governance of that country like 6 % or less. In general, large banks have more tier 1 risk-adjusted capital ratio which means that they have better ability to withstand an economic recession and they have the lower level of risk. In our results there is a significant relationship between the tier 1 risk-adjusted capital ratio and the banks performance. In this regards our results are consisted with the previous study (Geyfman, 2005) that less risk ratio should be favorable for the banks to making better performance.

### 4.2.6 Discussion on Return on Asset Analysis and Bank performance Relationship.

Return on asset is the type of the profitability indicator that determined the performance of the banking sector in the Kingdom of the Bahrain. Higher the return on asset higher the profitability earned by the banks. It means that banks can earn by utilization of all their economic resources certain profitability. The return on asset is very critical case in the banks. The high ratio of the return on asset shows a efficient performance of the bank. In our results there is significant relationship between performance of the bank and the ROA, It means that Performance directly depends on the assets return. In some researches the ROA is also taken as variables for the measurement of the performance because the ROA directly measure the performance. In 2017
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Return on asset is about 0.017 but in the next year it remains constant due to the banks strict policies and implementation. Our results findings are similar to the previous research (Gul, Irshad, & Zaman, 2011) that the main factor that directly effect the performance of the bank is the ROA.

4.2.7 Discussion on Return on Equity and bank performance Relationship.

The ROE is the income generated by the banks on the invested capital. ROE is also used to measure the probability as proxy. In our results regarding to return on equity ratio and bank performance relationship, there is significant relationship between them. In some researches ROE is taken as the proxy for measuring the performance directly, it means that ROE is another indicator of measuring the banks performance directly. Our results are similar to (Bansal, Kiku, Shaliastovich, & Yaron, 2014) that talks about in his examination that financial reporting can be built up just when there is a compelling relationship between the financial explanation and the income statement. (Bennaceur & Goaied, 2008) estimated the presentation of the bank's dependent on net interest margin and return on equity.

4.2.8 Discussion on Non-performing Loan Ratio and Bank performance Relationship

The non-performing loan create the difficult situation in the way of the progress of the bank. Loans become non-performed after being in default for 90 days depending on the contract terms. Small bank is more profitable than the large bank with lower level or risk. There is a significant relationship between the nonperforming loan and the bank performance. Non-performing loan is the bad sign for the future of the banking sector in the Kingdom of the Bahrain. Our results in term of the non-performing loans are similar to (Kargi, 2011) which stated that non-performing loan create the credit risk high that has negatively impact on the banks performance.

4.3 Conclusion of the study

Our objective of the research project is to explore the relationship between the financial ratios with the bank performance in Bahrain. In this way, we use the literature review about bank performance in Islamic countries concerning financial ratios. We conclude on the previous literature that financial ratios have a significant positive relationship with bank performance. All the ratio in the study are very important role in the performance of the banking industry. Efficiency ratio has positive relationship with the banks performance because when there is great value of the efficiency ratio then banks can has performed greater. The liquidity ratios have positive relationship with the bank’s performance, it means that liquidity is the important tool in the running of the business banking within the country. Loan loss provision ratio has negative relationship with the bank’s performance, it means that provision decrease the performance by creating extra use of the resources. Non-performing loans has negative relationship with the bank’s performance because large numbers of the bad debts decrease the
profitability and also weaken the financial position of the bank. From the previous literature, it is proved that the performance of the banks can be measured by the financial ratios.

(Robin et al., 2018) have made an investigation dependent on banks in Europe by gathering the information for a long time about the focus and determinants of banks' profitability that shows the bank's performance. By breaking down the information for 90 banks in Europe, North America, and Australia, it is confirming that a positive relationship among the performance of the bank and liquidity. In this study financial performance proxy used is profitability. We conclude that the study of the Bahrain and other country is totally different in all respect. We make a constant increase the idea (Khokhar et al., 2020) that conduct a study about the Saudi conventional and Islamic financial industry to recognize the areas requiring vital measures to improve banking performance. They applied the DEA for information covering 2008 to 2016. As indicated by the outcomes (Khokhar et al., 2020), both conventional and Islamic banks have been effective in improving their degrees of proficiency, given the regular promise to grow a piece of the overall industry and performance.

5.1 Recommendations

Some studies are conducted in the developed country where corporate governance mechanism and the financial competition exist in the economy but in Islamic countries, especially in Bahrain and other countries, there is a limited study about the financial ratio analysis and corporate mechanism practices impact on the banking sector performance that has a serious issue to be debated at that time. In our research project the one attributes impact should be seen on the banking performance in Bahrain and also discussed with the previous general literature, the literature is included in both developing and the developed nation study.

We used the efficiency ratio, operating leverage, non-interest income, loan loss provision, nonperforming loan, tier 1 risk-adjusted capital, ROA and ROE ratios to compare between the Islamic and conventional banks and we found that there is a significant relationship between these ratios and the bank’s business’s model. Economies globally are motivated to survive competitively. With the rise in the inflation in the economy and also with the rising trend in the taxes and hard economic conditions, the nation’s globally trying to improve their economic condition by using different tools. Evidence from developed economies, demonstrate that a steady banking framework is essential to advancing financial development and advancement of establishments inside the nation. Some researches show that inward bank-explicit components are vital to encouraging the steadiness of commercial banking establishments. Some researcher should be conducted on the financial ratios to making the corporate governance strong and also increasing the banks performance in the Kingdom of Bahrain.

The fundamental point of commercial banks is to enroll better performance through continued productivity and development (Nzewi & Ojiagu, 2015). Be that as it may, endeavors to acknowledge such victories, are regularly influenced by different working economic situations,
for example, the degree of opening, stakeholders, political scene, business lawful system, the expense of working together, new creative items, inter management system, developing innovations, and impacts of internationally. The banking sector is a basic part in economy and its exhibition ought to be checked near protect the enthusiasm of a nations economy. Banks are impetuses of monetary development through the arrangement of management to the public. Economic growth of banks means monetary development and soundness of an economy through budgetary part steadiness (Ahmed, I. E. 2017). Additionally, great performance of business banks is factor for a powerful monetary framework which can endure unpredictability and stuns in the economy; in any case, horrible showing can add to major money related emergency particularly inside rising economies (Ahmed, I. E. 2017).

In an assessment of the past examination by (Chol et al., 2020) on the introduction of business banks in Sri Lanka, demonstrated that the display of business banks was financial performance is viable when contrasted with of the institutional adequacy as industry normal. On the other hand, attempted to take a gander at the components adding to positive effect inside the banks in Jordan. Disclosures from the examination showed that external components, for instance, growing, Gross Domestic Product and the capital market capitalization emphatically influence the presentation of business banks. A few investigates thought how inside factors impact the introduction of business banks in Japan. Revelations from the assessment exhibited that there was a negative association between capital contribution, credit performance and performance of banks while the board adequacy, liquidity and asset quality influenced the financial presentation of business banks (Chol et al., 2020).

Proof from created economies, show that a consistent banking structure is basic to progressing financial turn of events and headway of foundations inside the country (Chol et al., 2020). A few explores shows that internal bank-express parts are imperative to empowering the unfaltering quality of business banking foundations. A few explores expressed that the security of cash related establishments is a key pointer of a well working financial system, exhibit that a sound and stable cash related aspect of the association moving economies is essential for progressing institutional new development and firm performance (Mehta, A. 2012). As shown by (Chol et al., 2020) the IMF (2017), Article IV direction press report; the republic of South Sudan has been meeting macroeconomic sporadic attributes which have splashed the advancing macroeconomic quality endeavors and the arranging of the country's cash related division. The report further shows that through authoritative segments business banks have been needed to hold quick to legitimate necessities on least capital which has reduced shortcomings in the banking zone. Regardless, paying little mind to setting up the base capital basics for both external possessed and secretly guaranteed banks pretty much bit of the banks have had the choice to meet the necessities. The banking business in the country is populated by nearby banks generally from Kenya which have been achieving tolerably best performance over indigenous banking associations in the country (Chol et al., 2020). The current examination attempted to investigate how the proprietorship structure and bank dependability impact the
cash related performance of business banks. More research is available in this field. Financial ratio along with code of the corporate governance impact the banks performance comparison of Bahrain financial sector with developing nation or emerging economy. Financial ratios directly effect on banks performance should be the part of next your research.

REFERENCES


