Economic Consequences of Corruption Evidence from Pakistan.

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Abstract
Corruption is the abuse of public power, and it has grown into a global economic issue. However, there are different levels of corruption in both developing and rich countries. This study investigates the economic factors that influence corruption in Pakistan, as well as the implications of trade liberalization. This study analyses these effects experimentally using data from 1987 to 2017. Economic integration, GDP growth, and literacy have all been found to have negative effects on corruption in Pakistan, although inflation has a favorable effect. In Pakistan, however, investment, a comprehensive index, government spending, and income distribution are statistically irrelevant economic indicators.

Objective of study:
- Study purpose is to pinpoint economic factors that contribute to corruption.
- To determine the variables that lead to Pakistan's corruption

Variables
- Corruption index is used as an independent variable
- Consider GDP per capita, literacy rate, Gini coefficient, government spending, globalization index, foreign direct investment, openness index, and inflation rate are utilized as dependent variables.

Significant of Research
This research aids the government in comprehending the manner of corruption. Pakistan's economy continues to suffer from corruption, resulting in a lower GDP. Burden Government spending should be increased. This research aids students in comprehending the aspects that influence Pakistan's economy. This study aids the NAB in comprehending the significance of elements that affect Pakistan's economy, such as corruption. This research data assists the Pakistani government in taking action against corrupt individuals.

Statement of Problem:
The study's main focus is on corruption. When corruption grows in Pakistan, the country's economy lags behind that of other nations, and the burden on the general populace grows. Everything is getting more costly. To gain a better understanding of the elements that destabilize Pakistan's economy and aggravate corruption. We make the decision to investigate that topic further.

I. Introduction
The misappropriation of public assets and powers for personal benefit is referred to as corruption. Corruption, according to Aidt (2003), is a ubiquitous and multifaceted notion. Corruption can be found in all aspects of a society's operations. Corruption, on the other hand, is an indefinite and arbitrary capital duty that is difficult to counteract. Corruption is also a highly complicated sort of social behaviour. Most studies on corruption were limited to sociology, criminology, political economy, and public institutions until 1980.

Corruption research migrated to other sectors of social science after 1980, and it became a major factor in the stalling of economic growth. Following that, there was a cybernetic boom of theoretical study on economic corruption and its structure in the early 1990s, which might be cast-off in research investigations.

According to Transparency International's corruption perception index, there are three forms of corruption: big corruption, medium corruption, and modest corruption. Officials from the government are either directly or indirectly implicated in widespread corruption. Individuals engage in piety corruption to exploit their power for personal gain, whereas government and private entities engage in medium corruption to utilize their connections for personal gain.
The focus of this study is on big corruption, in which the government is directly or indirectly implicated. In Pakistan's history, there have been countless instances where government power has been used for personal gain. In Pakistan, misappropriation for personal gain is found in practically every government sector. Corruption has a long history in Pakistan's social, cultural, political, and economic history. It spread like a virus throughout both the public and private sectors. Pakistan's judicial institutions are not immune to this social ailment. Bribery has suddenly become socially acceptable in any organization. Following the Korean War in 1949, Pakistan appeared to be entering a golden age, with its struggle for independence and subsequent economic success. Any government's confidence leads to overspending and overspending, culminating in future growth decrease. In Pakistan, there has been mismanagement of public spending, exploitation of the country's economic resources, and misappropriation of foreign-exchange calamities. Pakistani leaders, on the other hand, have lost the public's trust and esteem. Pakistan has consistently poor scores on Transparency International's Corruption Perceptions Index, with scores of 30 in 2015, 29 in 2014, and 28 in 2013. Pakistan was ranked 127 in 2013 and 126 in 2014, with 177 and 175 countries, respectively, in the ranking. Despite the fact that Pakistan's rank was 116 and its score was 32 out of a total of 176 countries examined by Transparency International last year, compared to 117 ranks out of 175 countries in 2015, the country did not decline any further during the present administration's first three years. Pakistan, on the other hand, is the world's 120th most corrupt country in 2019.

Corrupt officials in developing countries may be to blame for giving more public land to products for which it is more discreet to charge huge inducements and keep them hidden. This article investigates the economic determinants of important sources of corruption in Pakistan, as well as their impact on trade and investment. The influence of corruption on GDP and inflation is enormous. According to Krueger (1974), the existence of fees enhances the rent-seeking component.

The importance of institutional quality in growing international trade in creative research has been established. Corruption, according to Marcouiller and Anderson (2002), is the greatest impediment to global commercial transactions and advancement. There are numerous studies in the literature that explain the existence of corruption in multinational corporations at the firm level. Corruption has been chronicled throughout history, as has its impact on economic transactions.

The problem is more related to democratic leadership because of the impact of a prominent politician in the public sector and the fragility of public institutions. The World Bank admitted in a 2001 report that corruption is the main hindrance to economic and social development. In 2004, the World Bank projected that annual inducements exceeded $1 trillion and that nations that fight corruption and reclaim dominance may see a 400% rise in per capita revenue. Mc Corriston & Dreher, Kotsogiannis, (2009) backed up the report's results by employing an operational modeling technique to determine corruption as a latent factor.

The United Nations Development Program (UNDP) launched the 'phones against corruption' project in Papua New Guinea in July 2014, allowing residents to anonymously report instances of corruption to appropriate state officials by SMS for criminal investigations and punishment. Since its beginning, 1,500 different individuals have reported 6,254 instances of corruption, and two public officials have been imprisoned for mishandling funds totaling more than $2 million.

According to a 2016 World Bank poll, corruption is the biggest barrier to investment in seven countries. More than 35 percent of enterprises surveyed claimed that the host countries' reputation for corruption has stopped them from making otherwise reasonable investments. According to the Export Credit Guaranteed Department (ECGD), 5 inducement and dishonesty mislead competition, obstruct open and reasonable trade, and create an unfavorable cost of trade. According to IMF research, corruption reduces investment by 5%, and an increase of one point in the corruption index might result in a 5% drop in foreign investment. Corruption hinders economic progress and misrepresents resource allocation, according to Krueger (1974), Yaqoob & Shabbir (2019), Vishny & Shleifer (1993), Tanzi (1998) and Mauro (1995). According to Nye (1967), corruption can help a country grow economically. Corruption, according to et al. Saleem (2019), allows business actors to engage in extensive and inefficient administrative dealings, lessening the detrimental impact of red tape. Mauro was the lead researcher on the key econometric study on the impact of corruption on investment and economic growth decrease in different countries (1995). According to the studies, a one-standard deviation increase in the corruption index results in a 5% increase in investment and a 0.5 percentage increase in GOP per capita development.

Panama cases and other claims of corruption are currently plaguing Pakistan's political elite. Economic stability and prosperity have been seriously impacted as a result of political leadership corruption. For the past few years, Pakistan's international rankings have stayed stable. Pakistan's economy is stagnant at roughly 4%, and the country's commerce has dropped significantly since 2013. Literacy, mortality, unemployment, and health issues all worsened in Pakistan. Pakistan's rulers have alternated between democracy and military control in the past. Pakistan boasts one of the best armies in the world. On the other hand, both democratic and military governments had the same corruption perception index. Despite the fact that Pakistan has sought privatization
and economic reforms at various stages, the problem of corruption persists. Pakistan's progress and development have been inhibited by individual and political corruption in the country. Experts say that corruption in Pakistan has a major impact on the following factors. Public services include police and law enforcement, the judiciary and legal profession, the electricity sector, tax and customs, health and education, land management, and public procurement. Lack of transparency, as well as worries about public accountability, the judiciary, and the legal system, are all elements that contribute to corruption in Pakistan, according to a World Bank assessment.

The goal of this study is to use empirical methodologies to discover the economic elements that lead to corruption in Pakistan. Cross-country analysis and panel data are widely utilized in the literature to uncover economic drivers of corruption; however, I employed time-series data in Pakistan to uncover economic determinants. As an independent variable, the corruption index is employed. The dependent variable's objective is to identify elements that contribute to Pakistani corruption. Dependent variables include GDP per capita, literacy rate, Gini coefficient, government spending, globalization index, foreign direct investment, openness index, and inflation rate. The ARDL method, on the other hand, is used to look for a long-term relationship between variables. Pakistan's economic determinants are identified using the Tobit Model of Censored Regression. For this study, we will use secondary data from the Financial Yearbook Statistics FBS, publications from the Trade Development Authority of Pakistan (TDAP), and publications from the State Bank of Pakistan, World Development Indicators (WDI) International Financial Statistics (IFS), (2016), International Country Risk Guid (ICRG) and Transparency International (TI) annual index.

**Pakistan's economic prosperity has been influenced by its leadership**

During their respective ruler ages, military regimes (Pervaiz Musharraf, Zia Ullah, Ayyub Khan, Yahya Khan, and Ayyub Khan) have stronger economic growth ratios than civil administrations (Iskandar Miraz, Bhutto, Nawaz Sharif, Benazir Bhutto and Asif Zardari). The absence of political stability in Pakistan is one of the country's most perplexing economic issues. The administrative and managerial system was inferior for the allocation of resources among provinces prior to East Pakistan's separation in 1971 due to the unstable government of Firoz Khan, Liaquat Ali Khan and Nazimuddin short rule. The ruling politicians faced a similar difficulty throughout the reigns of Firoz Khan and Liaquat Ali Khan, with their governments lasting only a few months. According to Noon Griffiths, "Pakistan is the country that has been associated with a high level of corruption and has been implicated in all levels of anti-social behaviour" (1959). During my travels in Asia, the highest level of corruption I witnessed was in Pakistan, not in any other Asian country. The Corruption Perceptions Index gives countries and territories a score based on how corrupt their government is perceived to be. A country's or territory's rank indicates how it ranks among the other countries and territories in the index. This page contains the most up-to-date information for Pakistan Corruption Rank as well as historical high and low values, short- and long-term projections, and more.

Calendar of events, poll consensus, and breaking news Pakistan Corruption Rank's current statistics, historical chart, and publication timetable were last updated in December of 2019.

Pakistan isn't the only Asian country with a high sense of corruption. Policymakers, on the other hand, should be worried with the issue's consistency. The income distribution system in Pakistan is even worse. The capitalist earns more and more in comparison to the poor. Mr. Liaquat Ali Khan was slain, and the government has yet to recover from the political setback, which has hindered the country's economic growth. Politicians and people have misused the institution as a result of Pakistan's political instability and poor legal system. There was more possibility for corruption in budgets and foreign policy because of the frequent changes in policies. A substantial administrative gap developed early on as a result of sudden changes in administration, resulting in a weak control framework for Pakistan's law and order agencies.

Despotism characterized Mr. Ayub Khan's reign. He was determined about not distributing the powers that had caused such turmoil in the government. Iskandar Mirza's period (1955–1958) was not significant due to the existence of multiple political parties, the engagement of new ministries in administrative matters, the deconstruction of laws, and the implementation of martial law. Mr. Zulfiqar Ali Bhutto's government ran into a similar problem in 1970, when he regretted handing administrative power to the National Assembly and the East Pakistan governing government.

As Pakistan's history shows, no single administration has administrative control over public institutions due to the instability of their rule periods. Between 1990 and 1999, Pakistan was ruled by four democratically elected governments, all of which lasted only a few years. Under various names, Pakistan's political leadership has worked for personal gain in various eras. Throughout history, certain political leaders have dismissed the views of parliaments on several occasions. The decisions made in forming a legislature, according to Callard (1956), should not have the same outcomes.
II. Literature Review

Naved Ahmed (1996) explored the association between corruption and government laws for a cross-section of countries on corruption indices using threshold regressions. He looked at a number of corruption indices that have been used in the empirical literature to discover the roots of corruption, and found that the results are consistent and similar over time. To distinguish low and high-corrupt economies, he developed the C-\(\alpha\) and C-\(\gamma\) coefficients, as well as a perception rating. Corrupt economies, he claims, display C-divergence. M. Aynul Hasanand Hiren Sarkar (2001) discovered a little notion related to investment macroeconomic efficiency that developed a link with corruption and calculated the relationship. Saleem, Shabbir, Bilal, Muhammad, and Ulucak (2021) validated the link between corruption and income distribution using panel data from 71 industrialized and developing countries. A relationship between corruption and resource returns was established by Umbreen Javaid (2010). There has been a determination of the impact on living standards. The impact of environmental sustainability on commerce and revenue was proved by Mohammad Nasir, Amanat Ali, and Faiz-Ur-Rehman.

Theoretical framework

An economist studies the fundamentals of corruption, according to Husted (1999), and directs thinkers to consider a whole design of economic, political, cultural, and psychological components. Because there are so many different types of corruption, the principles are numerous and complicated. This study investigates the impact of corruption on trade and investment. Other variables such as literacy rate, public spending, Gini coefficient, international integration, government expenditure, investment, and openness index were added using the Tobit Model of Censored Regression. Husted (1999) assumed that corruption is linked to economic growth or development. The lack of natural resources (economic) in a country may appear to be a significant element in the growth of corruption. Corruption, according to Myint (2000) and Alam (1995), is an issue that affects practically all economies. Poor countries, on the other hand, may experience it more quickly than developed countries. Increases in salaries and wages, schooling and suburbanization, infrastructure skill development, the development of print and electronic media, administrative and accounting expertise, urbanization, and labor force composition are some of the countervailing subtleties that prevent corruption from spreading in developed countries. However, because the variables that cause corruption are linked and have influenced a country's economic development and growth, we will only look at the relationship between literacy rate, public spending, Gini coefficient, international integration, government spending, trade, and investment, and corruption.

When an economy's income distribution is more equitable, the middle class makes up the majority of the population, which lessens corruption, according to Scott (1972). When inequality is higher, you and Khagram (2004) argue that a few wealthy people have more incentive and opportunity to employ bribery and deception to maintain and improve their position, freedoms, and concerns. According to Williamson and Shen (2005), people accept their survival by striving to raise unlawful revenue; as a result, corruption is rampant throughout the country.

Inflation is a corrupting factor. Inflation affects real earnings and lowers purchasing power. As purchasing power declines, the necessities of survival become apparent. People resort to illegal measures such as fraud, corruption, and misuse if their demands are not granted. Corruption rises as a result of these socioeconomic deteriorations.

Many people feel that moral hazard might induce inflation, according to Paldam (2002). Then there's a chance of corruption, such as fraud, dishonesty, and misappropriation. Misinformation also contributes to inflation. Large and fluctuating inflation, according to Braun and Di Tella (2004), increases uncertainty, which affects the agent's attitude toward cost of accounting. The impact of inflation on the level of corruption is distorted.

Furthermore, investment and economic growth can help to reduce the high levels and unpredictability of inflation. As a result, according to Di Tella and Braun (2004), a decline in investment and economic growth causes inflation to rise. Inflation, on the other hand, according to Paldam (2002), might improve economic disparity while simultaneously boosting corruption. According to Guzman and Chafuen (2000), production restrictions have an impact on corruption.

Corruption and unequal distribution of economic resources are also linked to economic freedom. This study focused at the globalization index rather than economic independence. The behaviors of a country's public sector are explained by economic freedom. Corruption is commonly linked to the government due to monopoly rights in institutions. Government intervention, according to Tanzi (1998), resulted in more productive outputs and a less corrupt economy. Because there were fewer resources, there were fewer potential for corruption. Taxes and restrictions imposed by the government aid in the reduction of corruption. Excessive bureaucracy, according to Ogus (2004) and et al. Khuong (2021), leads to further government intervention (regulations and licences) and corruption. Many people assume that a larger economy and greater economic liberty will reduce corruption (Nelson and Goel, 2005).
H1: Corruption Index has strong relationship with GDP, literacy rate, Gini coefficient, government spending, globalization index, foreign direct investment, openness index, and inflation rate

H0: Corruption Index has no relationship with GDP, literacy rate, Gini coefficient, government spending, globalization index, foreign direct investment, openness index, and inflation rate

Research question
- How does corruption affect the economy of Pakistan?
- What are the main causes of corruption in Pakistan?
- What are the economic effects of corruption?
- What are the economic issues of Pakistan?

III. Methodology

Public decision theory, the autonomous variable glances at the person who settles on a sane choice prompting a foreordained result. A corrupt individual attempts to expand his utility. Such an individual is depicted as normally calculative and chooses to be corrupt when the advantages far offset the results of being gotten. A singular will, in this way, decide to be corrupt if the advantages accumulate from false exercises surpass the punishments. The activities of untrustworthy people are impacted by a cognizant gauging interaction of a sane person estimations dependent on the means and the end. The public decision theory is close centered; hence, it centers around the corrupt person who decides the advantages and disadvantages. On account of Pakistan, an office conveyor, for example, can choose to take part in corrupt arrangements as long as the advantages offset the expense. This theory, nonetheless, has a few deficiencies; for example, it begins from the second that a singular inquiry if they might want to be corrupt. On the off chance that a singular makes such computations and doesn't participate in the demonstration, then, at that point, it is reasonable to decide if a particularly individual is veiling some unacceptable expectation.

Bad apple theory

This theory manages the corrupt person to choose the causal factor for corruption. The methodology inspects the beginnings of corruption in individuals with moral issues or bad apples. There is a solid connection between fiendish characters and corrupt demonstrations. The imperfect person, for this situation, causes corruption. Such causes are established in the shortcomings of a person. The theory centers around the issues like the voracity of a person which is expected to influence the conduct of such a person. The faulty idea of an individual decides the reaction. Individuals for this situation follow up on moral values and some unacceptable values lead to corruption. The primary concern is whether moral values survey conduct. On account of Pakistan, people with moral issues are probably going to take part in corrupt exercises since the shortcoming in their morality drives them.

This theory, notwithstanding, is as of now less well known with past specialists accepting that corruption can rapidly be tended to by taking out the corrupt person. Current writing has moved the 14 discernment and accepting corruption as an all-inclusive wonder or one that builds up a drawn-out concern. The bad apple theory is typically applied in writing; however, analysts generally hypothesize its suspicions. A corrupt individual could be keen on higher social standing, work joy, energy or a fix to the dissatisfaction looked in the work environment rather than material gains as it were. A specialist, for instance, can legitimize or justify corrupt conduct which as per them isn't the situation.

Hierarchical cultural theory

A few creators are less inspired by the thought process or foundation of a corrupt person. Such essayists, nonetheless, center around the construction and culture of an association. This theory checks out the full-scale level and not at the miniature level of a corrupt individual. As indicated by this theory, there is a causal way from the way of life of an association or a gathering society that influences the psychological condition of a specialist. The disappointment of set up structures and not the personality of a specialist urges corrupt people to take part in such demonstrations. Corruption as per this theory is well established in the gathering and hierarchical culture. This theory takes into consideration an unmistakable comprehension of the overall vibes from minor to abnormality. It accommodates the change from a gathering society to a psychological state prompting corruption. In any case, there are inadequacies in theory since not all individuals from an association are corrupt. The contention, in this manner, recognizes the conditions that improve corruption. It recognizes the working with factors that reinforce a causal relationship and doesn't zero in on the corrupt individual. It doesn't expressly characterize the reasons for corruption yet plainly expresses that culprits follow up on the elements of the association. The method of doing, thinking and feeling in an association influence the conduct and choices of a person.
Clashing moral values theories

It is basic to recognize the job of the general population and private area in corruption. This theory looks at corruption from a large-scale level explicitly from the perspective of the general public. It likes the way that society everywhere impacts the way of life of an association. As per, clashing moral values and hierarchical culture theories have a few covers.

Standards and values in 15 the social impact those of an individual influencing the conduct of an authority; consequently, they wind up being corrupt. He further notes that there are no critical contrasts between a singular public and private job in the public eye. Morality, consequently, can cause conduct change prompting corruption. Values can decide a person’s; thus, theories of corruption think about the impact of values in one's conduct. An authority can be corrupt out of commitment to family or companions or to satisfy individual obligations.

The ethos of policy implementation theories

Firmly identified with the hierarchical culture, this theory focuses on the way of life in open administration just as society. It thinks about corruption according to the viewpoint of society. It centers around the levels of an association as opposed to at the singular level. The theories consider the monetary and political construction with the exhibition of an authority having a causal relationship from pressure applied by society to the various levels of an association. Absence of regard for trustworthiness combined with the tension from the general public prompt’s corruption.

Data analysis recommendation

No single model can be utilized to address corruption in Pakistan as it has a complex person and the laws accessible don’t help in decreasing the bad habit. Nonetheless, there are various models from authentic experience and contemporary practice that can be used in the control of corruption. There exists a more extensive assortment of devices and models which can be used in battling corruption, however they fluctuate and subsequently, can’t be applied overall or around the world. The battle against corruption can, accordingly, be seen better by zeroing in on the methodologies utilized by analysts or organizations to battle corruption or gaining from the encounters of others. The subsequent methodology attempts to build up how such nations managed corruption becoming models that can be utilized in the battle against corruption. There are different methodologies that can be utilized to address corruption incorporate lessening exchanges performed by open authorities, diminishing the additions from such exchanges; expanding punishments for corruption-related demonstrations. It is note that 27 corruption can likewise be dealt with by paying the government workers' satisfactory measures of pay rates, which can serve to essentially change the demeanor of the residents. Moreover, propose that individuals in power regularly have an excess of control which empowers them to pull off corruption. It is, hence, important that different laws that confine the force of these political pioneers ought to be presented and carried out. There is likewise a requirement for improving political straightforwardness and division of force in the various arms of government. The legal executive ought to build up abusive strategies that advance crueler punishments and furthermore the foundation of the counter corruption offices. Straightforwardness International (2017) proposed mainstays of National Integrity System a multifaceted and comprehensive methodology for battling corruption. NIS recommends that issues of contemporary worry on administration ought to be managed comprehensively. The NIS approach manages the lawmaking body, the leader, an autonomous legal executive, the head legal officer, the ombudsman, hostile to corruption offices, the public help, the nearby government and the media in tending to corruption (Transparency International 2017). Other key partners incorporate the common society, worldwide entertainers and the private area. A few nations have taken on accepted procedures that can be utilized in the battle against corruption. As indicated that, China, Singapore, Hong Kong, and Korea, for instance, have best practices that have prompted their high positioning in Asia in the battle against corruption. It is noticed that a portion of the methodologies utilized by the nations incorporate not depending on the police office to control corruption yet setting up an organization that is devoted exclusively to battling corruption. It is important that Pakistan ought to likewise have comprehensive enemy of corruption laws that determine the forces of the authorities and such enactment ought to be assessed every so often. The counter corruption offices ought to have satisfactory subsidizing and staff to guarantee that it can explore, teach, and forestall corruption. It is likewise important that re-tapes ought to be sliced to lessen the chance for corruption. Public organizations ought to likewise be explored intermittently to address corruption. The bad habit ought to be made a high-hazard, low award movement by rebuffing the offenders.
### Table (a) Analyses of descriptive statistics

<table>
<thead>
<tr>
<th>Test</th>
<th>TRADE</th>
<th>GI</th>
<th>GE</th>
<th>FDI</th>
<th>INF</th>
<th>EDC</th>
<th>GC</th>
<th>GDP</th>
</tr>
</thead>
<tbody>
<tr>
<td>Minimum</td>
<td>3.020</td>
<td>-2.273</td>
<td>0.000</td>
<td>3.043</td>
<td>2.729</td>
<td>0.000</td>
<td>0.643</td>
<td>10.543</td>
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<tr>
<td>Mean</td>
<td>3.428</td>
<td>-0.351</td>
<td>0.857</td>
<td>3.442</td>
<td>3.831</td>
<td>0.836</td>
<td>1.854</td>
<td>10.325</td>
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<tr>
<td>Maximum</td>
<td>3.642</td>
<td>1.2958</td>
<td>1.578</td>
<td>3.636</td>
<td>3.582</td>
<td>1.514</td>
<td>2.154</td>
<td>11.425</td>
</tr>
<tr>
<td>Median</td>
<td>3.562</td>
<td>0.246</td>
<td>0.583</td>
<td>3.531</td>
<td>3.742</td>
<td>0.518</td>
<td>1.742</td>
<td>10.249</td>
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<td>JerqueBera</td>
<td>24.036</td>
<td>0.852</td>
<td>10.368</td>
<td>24.847</td>
<td>3.041</td>
<td>10.387</td>
<td>7.246</td>
<td>1.582</td>
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<tr>
<td>Standard Deviation</td>
<td>0.153</td>
<td>0.751</td>
<td>0.316</td>
<td>0.132</td>
<td>0.753</td>
<td>0.342</td>
<td>0.857</td>
<td>0.388</td>
</tr>
<tr>
<td>Kurtosis</td>
<td>5.690</td>
<td>3.737</td>
<td>4.831</td>
<td>5.632</td>
<td>1.746</td>
<td>4.862</td>
<td>3.859</td>
<td>1.476</td>
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<tr>
<td>Skewness</td>
<td>-1.646</td>
<td>-0.032</td>
<td>-1.321</td>
<td>-1.625</td>
<td>3.041</td>
<td>-1.356</td>
<td>-1.058</td>
<td>-0.257</td>
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<tr>
<td>Probability</td>
<td>0.0020</td>
<td>0.638</td>
<td>0.005</td>
<td>0.001</td>
<td>0.210</td>
<td>0.004</td>
<td>0.023</td>
<td>0.418</td>
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</table>

### Table (b) Unit Root Test Results

<table>
<thead>
<tr>
<th>Variables</th>
<th>ADF Test Stats</th>
<th>Order of Integration</th>
<th>ADF Test Stats</th>
<th>Order Of integration</th>
<th>Remarks</th>
</tr>
</thead>
<tbody>
<tr>
<td>CPI</td>
<td>-3.26</td>
<td>-</td>
<td>-4.25</td>
<td>^</td>
<td>**</td>
</tr>
<tr>
<td>GDP</td>
<td>-0.06</td>
<td>-</td>
<td>-3.10</td>
<td>^</td>
<td>*</td>
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<tr>
<td>EDC</td>
<td>3.17</td>
<td>-</td>
<td>-5.43</td>
<td>^</td>
<td>*</td>
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<tr>
<td>GINI</td>
<td>-2.75</td>
<td>-</td>
<td>-6.43</td>
<td>^</td>
<td>***</td>
</tr>
<tr>
<td>GE</td>
<td>0.79</td>
<td>-</td>
<td>-3.93</td>
<td>^</td>
<td>**</td>
</tr>
<tr>
<td>INF</td>
<td>1.45</td>
<td>-</td>
<td>-2.71</td>
<td>^</td>
<td>*</td>
</tr>
<tr>
<td>GI</td>
<td>-2.02</td>
<td>-</td>
<td>-3.51</td>
<td>^</td>
<td>*</td>
</tr>
<tr>
<td>FDI</td>
<td>-2.65</td>
<td>-</td>
<td>-5.5</td>
<td>^</td>
<td>****</td>
</tr>
<tr>
<td>OPENESS</td>
<td>-1.32</td>
<td>-</td>
<td>-</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Critical Value

- 1% = -3.26
- 5% = -2.97
- 10% = -2.62

Note: *10% level of significance; **5% level of significance; *** 1% level of significance.

### Table (c) Bound Test for Empirical Result

<table>
<thead>
<tr>
<th>Dependent variables</th>
<th>AIC lags</th>
<th>F – statistics</th>
</tr>
</thead>
<tbody>
<tr>
<td>(OPENNESS GI, EDU, GE, INF GINI, FDI, GDP,)</td>
<td>2</td>
<td>18.71</td>
</tr>
<tr>
<td>Significance</td>
<td>1(0) Bound</td>
<td>1(1) Bound</td>
</tr>
<tr>
<td>1%</td>
<td>2.79</td>
<td>4.1</td>
</tr>
<tr>
<td>10%</td>
<td>1.95</td>
<td>3.06</td>
</tr>
<tr>
<td>2.5%</td>
<td>2.48</td>
<td>3.7</td>
</tr>
<tr>
<td>5%</td>
<td>2.22</td>
<td>3.39</td>
</tr>
</tbody>
</table>

### Table (d) Censored Regression Empirical results

<table>
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### IV. Conclusion

The paper contends that corruption in Pakistan is a difficult issue that can have kept on influencing administration conveyance by government offices and other public authorities. As indicated above, various types of corruption exist in Pakistan including unimportant and regulatory corruption which includes the installment of pay-offs to bypass the postponements brought about by the administrative framework. Additionally, public authorities request pay-offs and guarantee to accelerate a portion of the current practices. Pakistan has an intricate design that covers the managerial obligations, however the execution is a basic issue. Political corruption has additionally essentially expanded after the democratization of the nation, and a few high-profile authorities participate in corrupt arrangements. Likewise, the private area isn’t saved of the bad habit as people participate in underhand dealings to accelerate measures that are purposefully deferred advancing the bad habit. The nation has reliably failed to meet expectations in the overall markers that action corruption. Government endeavors to manage the issue have not conceived huge outcomes, and the nation keeps on performing possibly in the worldwide front. It was guaranteed that corruption in the nation is for the most
part brought about by the political and socio-cultural framework of the Pakistani society which is presently being confronted with a constant loss of way of life just as the worth framework. In that, the Pakistan culture is losing its values and individuals have now transformed corruption into an ordinary practice. Different government employees who get low compensation are compelled to participate in this bad habit with an end goal to acquire motivators. It turns out to be difficult for one to deal with the bad habit as it has become part of society. Political pioneers too are being constrained by the rich and incredible cartels in the nation and being compelled to attempt to satisfy the longings of individuals who assisted them with getting or win their political seats. Moreover, corruption has secured itself even in the counter corruption organizations and these foundations are run and constrained by similar corrupt pioneers and cartels which makes it much harder to control the bad habit. Moreover, the corrupt cartels, just as political pioneers, have grabbed hold of all the public authority and the public authority tries just as strategy making frameworks where they make laws that assist them with avoiding arraignments and furthermore approaches that favor their business. This polices permit them to control markets and thus gathering more riches and influence. The impacts of corruption in Pakistan are estimated utilizing political and monetary perspectives in work to see what corruption means for society. Corruption prompts administrative failures since corrupt people have no inspiration to change the current framework. Because of a lot of influence and abundance collected by these corrupt people in the country, it turns out to be difficult to detail laws and strategies to assist with indicting these individuals. Accordingly, the public authority looks millions of dollars consistently causing a shortage in the financial plan and furthermore expansion in the typical cost for basic items and the public authority endeavors to fill the financial plan. Additionally, it influences organizations and the venture environment. Corruption can significantly affect financial development while diminishing unfamiliar direct speculation. It can likewise prompt pay disparity or destitution while influencing global exchange. It likewise subverts common and political privileges. It influences political authenticity while making a shadow economy. Current examinations have likewise recognized extra impacts going from mind channel, monetary deficiency, and human resources. It was noticed that few endeavors have been set up to check the issue including the development of against corruption organizations and strategies. In any case, these techniques have not been compelling and met hardened resistance. It is suggested that future strategies should target decreasing exchanges performed by open authorities; lessening the additions from such exchanges; expanding punishments for corruption related acts. Besides, the counter corruption organizations ought to be furnished with sufficient financing and staff to guarantee that it can examine, teach, and forestall corruption.

Bibliography

[17] U. Javaid, (2010). In Pakistan, corruption has a significant impact on good governance. 123–134 in Pakistan Economic and Social Review

www.ijres.org
[23]. M. Braun and R. Di Tella (2004). Inflation, inflation unpredictability, and corruption are all issues that need to be addressed. 77 to 100 in Economics and Politics