

THE IMPORTANCE OF FDI AND INSTITUTIONS IN THE DEVELOPMENT OF THE WESTERN BALKANS

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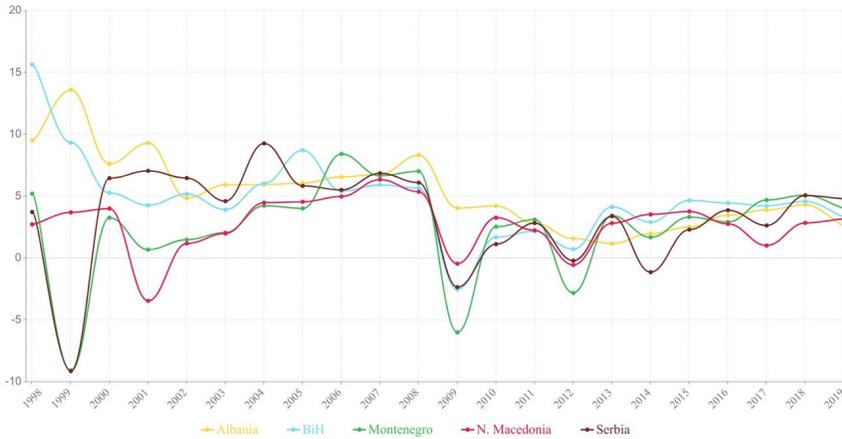
Foreign direct investment and efficient institutions are essential for the economic growth of every country. The same is true for the Western Balkans economies – Albania, Bosnia and Herzegovina, Montenegro, North Macedonia, and Serbia. Using a panel data analysis for the 2000-2019 period, the study shows that both FDI and institutional development significantly negatively affect economic growth. When interacted, the results reveal no impact of FDI, institutional development, or their interaction term on economic growth. A lack of FDI inflows in recent years and low levels of institutional development could be attributed to such results. This calls for urgent actions on the part of policymakers if they want to turn this situation in their favor.

Introduction

Throughout history, the Western Balkans region – Albania, Bosnia and Herzegovina, Montenegro, North Macedonia, and Serbia – played a central role in world affairs due to its strategic position within geopolitical and geoeconomics relations. At the end of the twentieth century, the region was exposed to several military conflicts – in Bosnia and Herzegovina (1992–1995), Kosovo (1998–1999), and Macedonia (2001) – and various sanctions¹ that affected its overall development. Since the 1990s, the region was also subject to significant structural changes as it moved from a socialist or

¹ In addition to wars, several countries were under embargos: For instance, during 1992–1996 and 1998–1999 periods, the Federal Republic of Yugoslavia (later known as Serbia and Montenegro) was under severe UN and EU sanctions. Similarly, North Macedonia was under economic sanctions imposed by Greece (Estrin & Uvalić, 2016).

Table 1: GDP per capita growth (annual %)

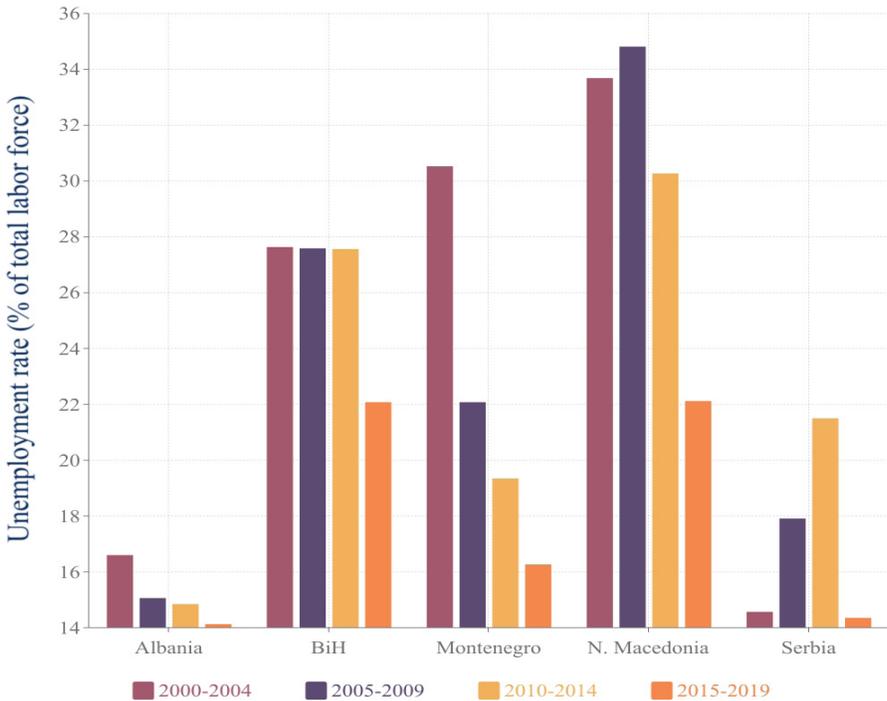


Source: World Development Indicators

These positive trends came to a halt in 2008 with the emergence of the global financial crisis that exposed all weaknesses and structural issues of the countries. Consequently, the region experienced an economic slowdown and started its recovery only in 2010-11. However, prior privatization led to the integration of the Western Balkans region with the EU. This, in turn, led to another round of recession caused by the eurozone’s sovereign debt crisis (Uvalić, 2013).

All of this contributed to the already difficult situation in the region. Several structural problems dominate, such as increasing current account and trade deficits due to inefficient policies, infrastructure, and non-competitive enterprises on global markets (Estrin & Uvalić, 2016). Furthermore, throughout the study period, the region faces low employment rates far higher than in EU member states. For instance, the highest unemployment rate was in North Macedonia, where it was 33.70% for the 2000-2004 period and going down to 22.13% for the 2015-2019 period. During the same period, the unemployment rate went down from 16.62% to 14.14% in Albania, from 27.65% to 22.09% in Bosnia and Herzegovina, and 30.54% to 16.28% in Montenegro. The unemployment rate of Serbia was on the rise since the 2000-2004 period when it was 14.58% but started decreasing after 2013 and was 14.36% for the 2015-2019 period (see Figure 2 for details).

Table 2: Unemployment rates of the Western Balkans countries (% of the total labor force)

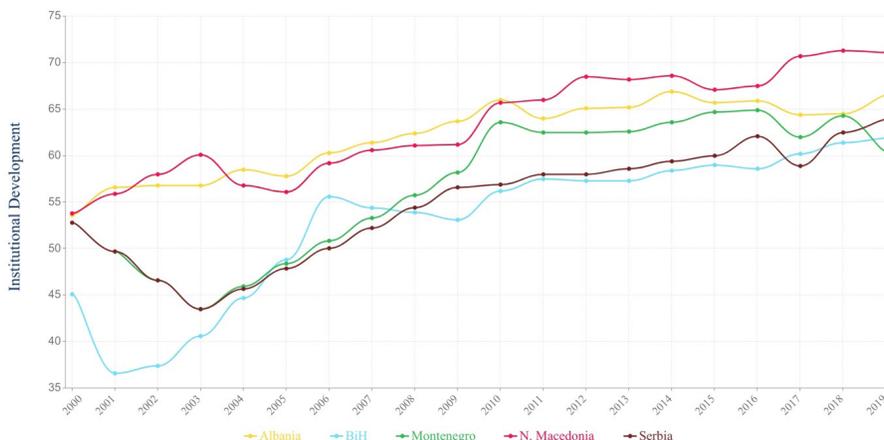


Source: International Labour Organization, ILOSTAT database.

While the Western Balkans countries have been undergoing significant institutional changes over the years, these processes and conditions of these countries differ significantly. Even though many changes and reforms have been done (some of which have been sponsored and supervised, to some extent, by EU representatives and institutions), there are still numerous institutional issues that are detrimental to FDI inflows and economic growth (Popovic et al., 2020). Figure 3 shows a steady improvement in the institutional development of the Western Balkans countries, with North Macedonia being the leader. According to the Heritage Foundation’s overall score for institutional development, the lowest point (36.60) was recorded in BiH in 2001 and the highest in North Macedonia (71.30) in 2018, with the region’s average score being 58.07. During the same period, the lowest point (47.30) among the EU member states was recorded in Bulgaria in 2000 and the highest (82.60) in Ireland in 2007 with 67.86. However, it is worth noting that the gap between the EU and the Western Balkans states is narrowing down if we focus on the last ten years alone,

indicating significant convergence of institutional development between the two regions.

Table 3: Institutional development of the Western Balkans (the overall score)

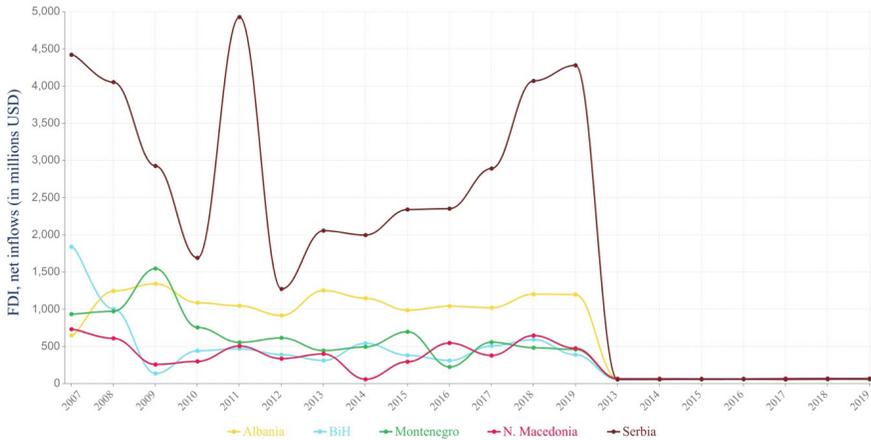


Source: The Heritage Foundation.

Although the region witnessed a relative improvement in the overall institutional development, as pointed briefly above, this did not help the region attract FDI for its further development. Low growth rates and competitiveness of the region, combined with high unemployment (Popovic et al., 2020) and lack of efficient institutions and the overall infrastructure, are some of the main reasons for the lack of investments inflows in the region. Foreign investors are also reluctant to invest in the region as the business environment is not investment-friendly. According to the latest Doing Business Index published by the World Bank, North Macedonia (17) is ranked the best, followed by Serbia (44), Montenegro (50), Albania (81), and Bosnia and Herzegovina (90).² Figure 4 shows the trend of foreign investments in the region. Since 2007, Serbia has attracted more FDI than the other countries together. However, there has been a sharp decline in the FDI inflows in the region from 2013. Since then, FDI inflows in the Western Balkans have been very low (below 9% of GDP).

² For details see: <https://www.doingbusiness.org/en/rankings?region=europe-and-central-asia>.

Table 4: Net inflows of FDI (in millions of USD)



Source: International Monetary Fund, Balance of Payments database.

Literature Review

There is a significant amount of research on the growth-FDI and growth-institutions relationships. In recent studies, researchers are investigating the combined effect of the FDI and institutions on economic growth. In the following paragraphs, the study will discuss the main findings of these studies. In short, the results offered by these studies are inconclusive.

FDI-economic Growth

Given its advanced economies and institutions, the developed world attracted most international FDI inflows in the past. In recent years, however, the World Investment Report points to a changing trend. According to the Report, the global FDI flows decreased by 13% to \$1.3 trillion in 2018 (from \$1.5 trillion in 2017). This marked the lowest FDI flows since the 2008 global financial crisis. At the same time, developing countries recorded the highest share (54%) of the global FDI with an annual 2% steady increase (UNCTAD, 2019).

The existing empirical studies offer no clear conclusions when it comes to the topic of this study. For instance, (1992) FDI inflows (measured as a percentage of GDP) positively correlate with GDP per capita across developed countries. They find that FDI inflows are more beneficial for countries with higher per-capita income levels than those with lower per capita income levels. This is due to insufficient technological and human capital levels in emerging countries, making them less competitive and

less attractive to large corporations (Blomstrom et al., 1992). Similarly, Bengoa & Sanchez-Robles (2003), Zhang (2001), Elboiashi (2015), and Borenstein (1998) find that FDI inflows are highly significant only in economies that meet minimum requirements of human capital needed, i.e., that the economy is absorbent enough to use and efficiently utilize FDI.

A long-term relationship between FDI and the real GDP is found in Estonia, transforming itself from a planned- to the market-based economy within a short period (Kisswani et al., 2015). Focusing on ten European transition economies, Asteriou et al. (2005) find that a ratio of FDI net inflows to GDP has a positive and significant impact while the ratio of the net portfolio investments to GDP has a negative but insignificant effect on economic growth.

However, the impact of FDI on economic growth can also be damaging. While FDI contributes to the technology, know-how, skills transfer, and efficient resource allocation, it reduces local firms' comparative advantage and labor productivity (Lutz & Talavera, 2004; Minić et al., 2021). Further, Anetor (2020) finds that FDI is significantly negative while portfolio investment has a positive but insignificant impact on sub-Saharan African countries' economic growth—contrary to Asteriou et al. (2005) mentioned above.

In addition, the studies by Carkovic and Levine (2002) and Lyroudi et al. (2004) find no significant relationship between FDI and economic growth. The former focused on 72 developed and developing economies, while the latter focused on 17 transition economies (Central and Eastern Europe).

Several studies are investigating this relationship in the case of the EU and the Western Balkan countries. For instance, Angelopoulou and Liargovas (2014) examine the FDI-growth relationship using several sample groups. In particular, focusing on 27 EU, 16 EMU member states, and 18 transition economies, they found no evidence for causality between the two. Lyroudi et al. (2004) report similar results. Similarly, Estrin & Uvalic (2016) report the insignificant impact of FDI on value-added, employment, and exports of manufacturing sectors of the Western Balkan countries

Institutional Quality and Economic Growth

The relationship between institutional development and economic growth is subject to significant scientific scrutiny as well. Different authors used different proxies such as property rights, freedom of the press, bureaucratic procedures, democracy

levels, political stability, business environment indices, and others for institutional development measures. Conventional wisdom says that well-functioning institutions have a positive impact on economic growth. However, institutional development itself depends on several factors. For instance, institutional efficiency that leads to the economic growth of Pakistan depends on efficient government and functional democracy (Murtaza & Faridi, 2016). Similarly, an institution's impact on economic growth depends on the public debt level (Sani et al., 2019) and entrepreneurship (Urbano et al., 2019).

At the same time, bureaucratic quality, property rights, and political stability of nations contribute to economic growth and investment (Knack & Keefer, 1995), while corruption decreases economic growth (Easterly, 1999; Minović et al., 2021). Economies with higher political, civil, and economic freedom are almost twice as efficient and productive as societies with lower degrees of freedom (Scully, 1988). Furthermore, economies with selected few or 'elite' that holds political authority and controls institutions and regulations will use those for their benefits (Nigar, 2015). Such an environment results in inefficient resource allocation (concentration of wealth among the rich people), undermining economic growth (Sonin, 2003). This ability of the politically powerful individuals to take advantage of weak institutions and utilize resources for their benefit is explained through a lack of democracy reflected in political and wealth inequality (Sonin, 2003; Nigar, 2015).

FDI, Institutional Quality and Economic Growth

Recent studies support the theory that both FDI and institutional quality individually and jointly contribute to the overall economic development. By improving the overall institutional quality, a country would be able to improve its economic growth. This would further attract FDI inflows that would also contribute to additional economic growth (Van Bon, 2019; Hayat, 2019; Raza et al., 2019). This, however, does not apply to all countries. Hayat (2019) reports that this is true for the low and middle-income countries, but not for the high-income countries where it is found that FDI inflows decrease economic growth.

Furthermore, the complementary role of institutional quality on economic growth through financial development (Haini, 2020) and FDI inflows (Kutan et al., 2017) is also evident. Nevertheless, this complementary role of institutions has its limitations. Jude and Levieuge (2015) show that institutional development needs to reach a certain threshold for FDI to impact economic growth. This is also confirmed in the case of the sub-Saharan African (SSA) countries, MENA, Europe, Asia, and America regions (Trojette, 2016).

2000-2019 period. Furthermore, two panel techniques are used to estimate the results: pooled ordinary least squares (POLS) and fixed effect (FE) estimates with Driscoll and Kraay's (1998) standard errors. The Hausman test (Hausman, 1978) is used to choose between POLS and FE models.

Analysis of Results

Models (1) and (2) of Table 1 provide the estimated results based on *Eq (1)*, while models (3) and (4) provide results based on *Eq (1)* using the POLS and the FE estimators with Driscoll-Kraay standard. The R-square results reveal that our models explain from 77.1 to 77.8 percent of variations in economic growth.

Based on the Hausman test, we should rely on the results provided by the POLS estimator when looking at the results from *Eq (1)*. In general, our results indicate that both FDI and institutional development have a significantly negative impact on economic growth in the Western Balkans countries. In other words, foreign investment and institutions are impediments to the economic growth of these countries.

As for interaction models (3) and (4) based on *Eq (2)*, we rely on FE estimation results based on the Hausman test. In short, introducing interaction terms in our models makes the majority of our main variables insignificant. It seems that neither FDI nor institutional development affects the economic growth of these countries. Furthermore, the results indicate the FDI-growth relationship does not depend on institutions, and the institutions-growth relationship does not depend on FDI either. This is no surprise as we know from earlier analysis that foreign investment has been insignificant since 2013 and that institutions are still undergoing significant structural changes. Furthermore, earlier studies indicate a threshold for institutional development to affect either growth or FDI-growth relationship (Trojette, 2016).

Table 5: FDI-Institutions-Growth nexus

VARIABLES	(1)	(2)	(3)	(4)
	POLS	FE	POLS	FE
Foreign direct investment inflow (FDI)	-0.085** (0.030)	-0.138** (0.048)	-0.650 (0.408)	-0.126 (0.309)
Institutional development (ID)	-0.177** (0.045)	-0.039 (0.049)	-0.225*** (0.043)	-0.038 (0.055)
Interaction term (FDI×ID)			0.010 (0.007)	-0.000 (0.005)
Gross capital formation	5.475** (1.558)	3.719** (0.823)	5.648** (1.481)	3.699** (1.033)
Trade openness	-1.436 (0.692)	1.769 (1.440)	-1.062 (0.763)	1.786 (1.398)
Labor force	-0.016 (0.282)	2.587 (5.252)	0.105 (0.300)	2.597 (5.425)
Inflation	-0.428* (0.169)	-0.394* (0.174)	-0.274 (0.215)	-0.396* (0.184)
Constant	4.744 (8.077)	-48.978 (70.975)	- -	-48.209 (74.839)
Year Dummy	YES	YES	YES	YES
Obs.	88	88	88	88
No. of groups	5	5	5	5
R²	0.771	0.778	0.777	0.778
F-stat.	138.350	3930.461	61.283	5399.392
F-stat. p-value	(0.000)	(0.000)	0.001	0.000
Hausman	-	1.872	-	1.762
Hausman p-val.	-	(0.282)	-	(0.302)

Note: Regression with Driscoll-Kraay standard errors. Standard errors in parentheses. Significance level

*** p<0.01, ** p<0.05, * p<0.10.

Conclusion

Foreign investments and efficient institutions are essential ingredients for the economic growth of every country. While foreign investments are needed for infrastructural and institutional improvements and developments, institutional development is necessary to attract foreign investments. This study investigates the importance of

foreign investment and institutional development for the economic growth of five Western Balkans economies – Albania, Bosnia and Herzegovina, Montenegro, North Macedonia, and Serbia. Over the years, these countries experienced structural and institutional changes that altered their socio-political environment. The region is still facing significant structural issues that impede its economic development.

Given the existing challenges, it is no surprise that our investigation reveals that foreign investment and institutions deteriorate the region's economic growth. Once the foreign investment interacts with institutional development proxy, the results indicate that both, including the interaction term, are negative but insignificant for economic growth. Keeping in mind that the foreign investment inflows in the region are minimal lately and that institutions are below the EU standards, these results are expected. As a result, policymakers need to improve the overall infrastructure and make necessary improvements within their economies to attract more foreign investments in the region that would help further institutional and infrastructural development.

References

- Agbloyor, E. K., Gyeke-Dako, A., Kuipo, R., & Abor, J. Y. (2016). Foreign Direct Investment and Economic Growth in SSA: The Role of Institutions. *Thunderbird International Business Review*, 58(5), 479–497. <https://doi.org/10/ghrkfz>
- Anetor, F. O. (2020). Financial development threshold, private capital inflows and economic growth: Evidence from sub-Saharan African countries. *International Journal of Development Issues*, 19(1), 77–92. <https://doi.org/10/ghrbwd>
- Angelopoulou, A., & Liargovas, P. (2014). Foreign Direct Investment and Growth: EU, EMU and Transition Economies. *Journal of Economic Integration*, 29(3), 470–495. JSTOR. <https://doi.org/10/ghrbwc>
- Asamoah, L. A., Mensah, E. K., & Bondzie, E. A. (2019). Trade openness, FDI and economic growth in sub-Saharan Africa: Do institutions matter? *Transnational Corporations Review*, 11(1), 65–79. <https://doi.org/10/ghkx3q>
- Asteriou, D., Dassiou, X., & Glycopantis, D. (2005). FDI and growth: Evidence from a panel of European transition countries. *SPOUDAI - Journal of Economics and Business*, 55(1), 9–30.
- Azam, M., & Ahmed, A. M. (2015). Role of human capital and foreign direct investment in promoting economic growth: Evidence from Commonwealth of Independent States. *International Journal of Social Economics*, 42(2), 98–111. <https://doi.org/10/ghd4hj>
- Bengoa, M., & Sanchez-Robles, B. (2003). Foreign direct investment, economic freedom and growth: New evidence from Latin America. *European Journal of*

- Political Economy*, 19(3), 529–545. <https://doi.org/10/bn6smz>
- Blomstrom, M., Lipsey, R. E., & Zejan, M. (1992). *What Explains Developing Country Growth?* National Bureau of Economic Research, WP No. 4132.
- Borensztein, E., Gregorio, J. D., & Lee, J.-W. (1998). How does foreign direct investment affect economic growth? *Journal of International Economics*, 45(1), 115–135. <https://doi.org/10/d7n25r>
- Carkovic, M., & Levine, R. E. (2002). Does Foreign Direct Investment Accelerate Economic Growth? *SSRN Electronic Journal*. <https://doi.org/10/b75r9n>
- Driscoll, J. C., & Kraay, A. C. (1998). Consistent Covariance Matrix Estimation with Spatially Dependent Panel Data. *Review of Economics and Statistics*, 80(4), 549–560. <https://doi.org/10/b88vxp>
- Easterly, W. (1999). Life During Growth. *Journal of Economic Growth*, 4(3), 239–276. <https://doi.org/10/ddwjvc>
- Elboiashi, H. (2015). The effect of FDI on economic growth and the importance of host country characteristics. *Journal of Economics and International Finance*, 7(2), 25–41. <https://doi.org/10/ghrkfv>
- Estrin, S., & Uvalić, M. (2016). Foreign Direct Investment in the Western Balkans: What Role Has it Played During Transition? *Comparative Economic Studies*, 58(3), 455–483. <https://doi.org/10/ghrc57>
- Haini, H. (2020). Examining the relationship between finance, institutions and economic growth: Evidence from the ASEAN economies. *Economic Change and Restructuring*, 53(4), 519–542. <https://doi.org/10/ghrhq2>
- Hausman, J. A. (1978). Specification Tests in Econometrics. *Econometrica*, 46(6), 1251. <https://doi.org/10/bgbj6d>
- Hayat, A. (2019). Foreign direct investments, institutional quality, and economic growth. *The Journal of International Trade & Economic Development*, 28(5), 561–579. <https://doi.org/10/ghrhrp>
- Jude, C., & Leveigue, G. (2015). Growth Effect of FDI in Developing Economies: The Role of Institutional Quality. *SSRN Electronic Journal*. <https://doi.org/10/ghrhn>
- Kisswani, K. M., Kein, A., & Shetty, S. T. (2015). The impact of FDI inflows on real GDP in Estonia: Evidence from a cointegration approach and causality test. *The Journal of Developing Areas*, 49(4), 25–40. <https://doi.org/10/ghrbm6>
- Knack, S., & Keefer, P. (1995). Institutions and Economic Performance: Cross-Country Tests Using Alternative Institutional Measures. *Economics & Politics*, 7(3), 207–227. <https://doi.org/10/btrbhs>
- Kutan, A. M., Samargandi, N., & Sohag, K. (2017). Does Institutional Quality Matter for Financial Development and Growth? Further Evidence from MENA Countries.

- Australian Economic Papers*, 56(3), 228–248. <https://doi.org/10/gfhx9c>
- Lutz, S., & Talavera, O. (2004). Do Ukrainian Firms Benefit from FDI? *Economics of Planning*, 37(2), 77–98. <https://doi.org/10/bzhjgq>
- Lyrouti, K., Papanastasiou, J., & Vamvakidis, A. (2004). Foreign Direct Investment and Economic Growth in Transition Economies. *South Eastern Europe Journal of Economics*, 1(2), 97–110.
- Minović, J., Stevanović, S., & Aleksić, V. (2021). The Relationship between Foreign Direct Investment and Institutional Quality in Western Balkan Countries. *Journal of Balkan and Near Eastern Studies*, 23(1), 40–61. <https://doi.org/10/ghrc62>
- Murtaza, G., & Faridi, M. Z. (2016). Economic Institutions and Growth Nexus: The Role of Governance and Democratic Institutions—Evidence from Time Varying Parameters' (TVPs) Models. *The Pakistan Development Review*, 55(4), 675–688. JSTOR. <https://doi.org/10/ghrbtf>
- Nguyen, C. P., Su, T. D., & Nguyen, T. V. H. (2018). Institutional Quality and Economic Growth: The Case of Emerging Economies. *Theoretical Economics Letters*, 08(11), 1943–1956. <https://doi.org/10/ghrkht>
- Nigar, N. (2015). The Composite Impact of Institutional Quality and Inequality on Economic Growth. *The Pakistan Development Review*, 54(4I-II), 779–791. <https://doi.org/10/ghrbtw>
- Popovic, G., Eric, O., & Stanic, S. (2020). Trade Openness, Institutions and Economic Growth of the Western Balkans Countries. *Montenegrin Journal of Economics*, 16(3), 173–184. <https://doi.org/10/gmmj73>
- Raza, S. A., Shah, N., & Arif, I. (2019). Relationship Between FDI and Economic Growth in the Presence of Good Governance System: Evidence from OECD Countries. *Global Business Review*, 097215091983348. <https://doi.org/10/ghrhtf>
- Sani, A., Said, R., Ismail, N. W., & Mazlan, N. S. (2019). Public Debt, Institutional Quality and Economic Growth in Sub-Saharan Africa. *Institutions and Economies*, 39-64%@ 2232-1349.
- Scully, G. W. (1988). The Institutional Framework and Economic Development. *Journal of Political Economy*, 96(3), 652–662. JSTOR. <https://doi.org/10/bp3vwz>
- Sonin, K. (2003). Why the rich may favor poor protection of property rights. *Journal of Comparative Economics*, 31(4), 715–731. <https://doi.org/10/fhr6z8>
- Trojette, I. (2016). The Effect of Foreign Direct Investment on Economic Growth: The Institutional Threshold. *Region et Developpement*, 43, 111–138.
- UNCTAD. (2019). *World Investment Report 2019: Special Economic Zones*. United Nations Conference on Trade and Development. https://unctad.org/en/PublicationsLibrary/wir2019_en.pdf
- Urbano, D., Aparicio, S., & Audretsch, D. (2019). Twenty-five years of research on

- institutions, entrepreneurship, and economic growth: What has been learned? *Small Business Economics*, 53(1), 21–49. <https://doi.org/10/ghrnsk>
- Uvalić, M. (2010). *Serbia's transition: Towards a better future*. Palgrave Macmillan.
- Uvalić, M. (2013). The economic development of the Western Balkans since Thessaloniki. In E. Prifti (Ed.), *The European future of the Western Balkans :Thessaloniki@10 (2003 2013)*. (pp. 73–82). European Union Institute for Security Studies. <https://data.europa.eu/doi/10.2815/33026>
- Van Bon, N. (2019). The Role of Institutional Quality in the Relationship Between FDI and Economic Growth in Vietnam: Empirical Evidence from Provincial Data. *The Singapore Economic Review*, 64(03), 601–623. <https://doi.org/10/ghrns3>
- Zhang, K. (2001). Does Foreign Direct Investment Promote Economic Growth? Evidence from East Asia and Latin America. *Contemporary Economic Policy*, 19(2), 175–185. <https://doi.org/10/b7c9jg>