

Comprehensive Literature Evaluation of the History of South Korean Private Education

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Abstract

This research aims to provide a comprehensive evaluation of the history of private education in Korea. By delving into the historical aspects of private education, this study aims to uncover key developments, trends, and transformations that have shaped the private education landscape in Korea. By understanding the historical trajectory of private education in Korea, educational practitioners can gain a deeper understanding of the challenges, opportunities, and potential areas for improvement within the private education industry. The literature analysis has shown that there are four significant historical events for developing private education industry in South Korea. First, Japanese colonial period and its Impact on private education in Korea background and context. Second, education reforms in the 1960s and the rise of hagwons in Korea background and context. Third, the role and impact of private education on the Korean education system. Fourth, Education reforms in the 21st Century and the regulation of private education background and context. In sum, this research provides a comprehensive evaluation of the history of private education in Korea, examining four key historical events and their impact on the private education landscape. The findings reveal important insights into private education's development, role, and impact in Korea.

Keywords: Korean Educational History, Private Education Sector, Historical Development of Education

Major classifications: Education History

1. Introduction

Private education in Korea has a long and significant history, playing a crucial role in the country's education system. Private education refers to educational institutions and services privately owned and operated outside the public education provided by the government (Maulana et al., 2020). In Korea, private education has been a prevalent and influential aspect of the education landscape for many decades. It has often been regarded as a supplement to public education, offering additional academic support, specialized instruction, and student exam preparation. Throughout Korea's modern history, private

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education has evolved and adapted to society's changing needs and demands. Private tutoring, known as "hagwon," has become particularly prominent, catering to students seeking extra academic assistance and exam preparation (Birgili, 2021).

Hagwons have gained popularity due to intense competition for admission to prestigious schools and universities, the desire for higher academic achievements, and their perceived advantages in gaining a competitive edge.

This research aims to provide a comprehensive evaluation of the history of private education in Korea. By delving into the historical aspects of private education, this study aims to uncover key developments, trends, and transformations that have shaped the private education landscape in Korea (Chih-Hao, 2019). Through understanding the historical context, people can gain insights into the factors that have influenced the growth, evolution, and impact of private education on the Korean education system. The research objectives of this study are as follows:

- 1. Examine the historical development of private education in Korea, including its origins, growth, and transformations over time (Chih-Hao, 2019).
- 2. To identify the key characteristics and features of private education institutions and services in Korea throughout different historical periods (Chih-Hao, 2019).
- 3. To explore the societal, cultural, and economic factors influencing Korea's demand for private education (Chih-Hao, 2019).
- 4. To analyze the impact of private education on the Korean education system, including its effects on academic achievement, educational equity, and social mobility (Chih-Hao, 2019).
- 5. To investigate the current trends and challenges facing private education in Korea and their implications for the future (Chih-Hao, 2019).

This research holds significant importance for various stakeholders in the education sector. Firstly, it provides a historical foundation for understanding the evolution of private education in Korea, shedding light on its emergence, growth, and impact (Zheng et al., 2020). This knowledge can inform policymakers, educators, and researchers about the historical context of private education and help develop informed policies and practices. Furthermore, this research aims to identify the gap in the literature on private education in Korea (Realyvásquez-Vargas et al., 2020). Ultimately, this comprehensive evaluation of the history of private education in Korea will provide valuable insights and perspectives to guide educational practitioners and policymakers in making informed decisions regarding private education practices, regulations, and reforms. By understanding the historical trajectory of private education in Korea, educational practitioners can gain a deeper understanding of the challenges, opportunities, and potential areas for improvement within the private education industry.

2. Theoretical Background

2.1. Definition and Scope of Private Education in Korea

Private education in Korea encompasses a wide range of educational institutions, services, and practices that operate outside the public education system. It includes private schools, cram schools (hagwons), tutoring services, and online education platforms (Zhang, 2021). Private education in Korea has a distinct characteristic of providing supplementary academic instruction, exam preparation, and specialized courses to students at various educational levels. The scope of private education in Korea is extensive, covering both primary and secondary education and post-secondary education. Private schools in Korea can be categorized as regular and special-purpose private schools. Regular private schools offer formal education programs following the national curriculum, while special-purpose private schools focus on specific fields such as arts, foreign languages, or vocational training.

One of the defining features of private education in Korea is the prevalence of hagwons. Hagwons are privately run afterschool academies that offer supplementary instruction and exam preparation in various subjects, such as mathematics, English, science, and social studies (Jung et al., 2020). These hagwons have become deeply ingrained in the Korean education system and are considered integral to a student's academic journey. They often operate in the evenings and weekends, providing additional learning opportunities to students seeking to excel academically or gain an advantage in competitive entrance exams (Zhang, 2022). In recent years, the scope of private education in Korea has expanded to include online education platforms and distance learning programs (Yoon, 2023). With technological advancements, students can access various online resources, virtual classrooms, and personalized learning platforms that offer flexibility in time and location. The literature on private education in Korea has examined various aspects, including its historical development, the motivations behind its popularity, the impact on academic achievement, the relationship between private and public education, and the role of private education in social mobility (Yoon, 2023). However, there is a research gap regarding a comprehensive evaluation of the historical events that have shaped private education in Korea. This study aims to address this gap by thoroughly analyzing key historical events and their implications for the private education industry in South Korea.

2.2. Historical Overview of Private Education in Korea

A historical overview of private education in Korea provides insights into the evolution and transformation of private education practices throughout different periods. Understanding the historical context is crucial for comprehending the current state of private education in Korea and its impact on the education system (Wiseman, 2021). During the late Joseon Dynasty, private education in Korea was vital in providing educational opportunities to the elite class. Private academies known as Seowon were established to offer Confucian teachings and prepare students for the state examination system. These academies fostered scholars' intellectual and moral development and contributed to preserving traditional Korean values.

The introduction of Western education during the late 19th Century marked a significant shift in the private education landscape. Missionary schools and foreign-run institutions emerged, offering modern education that integrated Western knowledge and teaching methods (Wiseman, 2021). These private schools were crucial in spreading literacy, modern science, and new educational philosophies. Private education underwent further transformations following the Korean War and the subsequent rapid industrialization and economic growth. The demand for academic excellence and competition for admission to prestigious universities led to the proliferation of hagwons. These after-school tutoring institutions gained popularity as they promised to enhance students' academic performance and increase their chances of success in entrance examinations.

In recent decades, private education in Korea has faced criticism due to its perceived contribution to educational inequality (Kim et al., 2022). The high costs associated with private education have raised concerns about disparities in access and opportunities. Efforts have been made to regulate private education to ensure fairness and equity in the education system. While the existing literature provides valuable insights into the historical overview of private education in Korea, there is a research gap regarding a comprehensive analysis of the historical events and their impact on private education practices (Kim et al., 2022).

2.3. Role and Impact of Private Education on the Korean Education System

Private education has played a significant role in shaping the Korean education system and has profoundly impacted various aspects of the system, including academic achievement, social mobility, and educational inequality. One of the key roles of private education in Korea is to supplement and enhance the curriculum provided by public schools (Choi, 2020). Private institutions, such as hagwons and tutoring services, offer specialized instruction and exam preparation that goes beyond what public schools cover. This additional support is often sought by students aiming for higher academic achievements or preparing for competitive entrance exams (Choi, 2020). Private education acts as a complementary resource, filling gaps in the public education system and providing students with opportunities to excel academically.

Literature has widely discussed the impact of private education on academic achievement in Korea. Research has shown that students who attend private education institutions tend to perform better academically and achieve higher test scores than their public-school counterparts (Kim, 2021). Private education has fostered a competitive learning environment, provided personalized attention, and delivered targeted instruction that aligns with the demands of entrance examinations. However, the impact of private education on the Korean education system is not without its challenges. The popularity and prevalence of private education have raised concerns about educational inequality and the exacerbation of socioeconomic disparities (Mandikiana, 2021). The high costs associated with private education can create barriers to access, particularly for disadvantaged students. This has led to debates about the fairness and equity of the education system and calls for measures to address the inequalities perpetuated by private education.

2.4. Current Trends and Issues in Private Education in Korea

The private education landscape in Korea is constantly evolving, and several current trends and issues have emerged in recent years. One notable trend is the increased reliance on online education platforms and distance learning (Hultberg et al.,

2021). Technological advancements have provided opportunities for students to access educational resources and services through digital platforms. Online tutoring, virtual classrooms, and personalized learning programs have gained popularity, offering flexibility in time and location. This trend has been further accelerated by the COVID-19 pandemic, which necessitated the shift to remote learning. However, concerns have been raised regarding the quality and effectiveness of online education and the potential for further educational inequalities (Ha et al., 2020). Diversification of course options is another trend in private education. Private universities are broadening their selection of specialized courses to include fields like coding, foreign languages, the arts, sports, and traditional academic disciplines (Joshi, 2019). This variety reflects the shifting needs and preferences of both students and their parents and the value of a comprehensive education.

Despite the benefits and innovations in private education, several issues must be addressed. One major issue is the high financial burden placed on families. Private education can be costly, and the expenses associated with hagwons, tutoring services, and specialized courses can create inequalities in access and opportunities for students from lower-income backgrounds. Additionally, there are concerns about the excessive focus on exam-oriented education and the resulting pressure on students (Bodovski et al., 2019). The intense competition for university admissions and the emphasis on standardized tests has led to a culture of academic stress and cramming. This issue has raised discussions about the need for a more balanced and student-centered approach to education.

2.5. Identification of Gaps in Existing Literature and the Need for This Research

While the existing literature on private education in Korea provides valuable insights into various aspects of its history, role, and impact, a noticeable research gap exists in a comprehensive evaluation of the historical events that have shaped private education in Korea (Lee, 2020). Previous studies have often focused on specific periods or aspects of private education, leaving a need for a more holistic understanding of its historical trajectory. One significant research gap is the lack of a detailed examination of specific historical events and their implications for the private education industry in South Korea (Lee, 2020). By analyzing key historical events, their contexts, and their outcomes, this study aims to comprehensively evaluate the historical developments that have shaped private education in Korea. This will contribute to a more nuanced understanding of the evolution, transformations, and patterns within the private education landscape. Furthermore, while previous research has explored the role and impact of private education on the Korean education system, there is a need for a deeper analysis of the long-term effects and consequences of private education practices. By examining historical events, this research seeks to uncover the lasting impacts of these events on the private education industry and its relationship with the broader education system in Korea.

Table 1: Summary of Literature Review

Prior Resources	Key Approach
Previous Works Arguing the Necessity and Gap of the Current Literature Review	Definition and Scope of Private Education in Korea 2. Historical Overview of Private Education in Korea 3. Role and Impact of Private Education on the Korean Education System 4. Current Trends and Issues in Private Education in Korea 5. Identification of Gaps in Existing Literature and the Need for This

3. Findings

3.1. Historical Event 1: Japanese Colonial Period and its Impact on Private Education in Korea Background and Context

The Japanese colonial period in Korea lasted from 1910 to 1945 and significantly impacted various aspects of Korean society, including education. During this time, the Japanese government implemented various policies to assimilate Korean culture and language into Japanese society (Kalleberg 2020). These policies profoundly impacted the Korean education system, particularly private education. Before the Japanese colonization, private education was an important part of the education system in Korea. However, during the colonial period, the Japanese government introduced policies that aimed to limit the role of private education in the country. The government focused on strengthening public education and discouraging private education, which they believed promoted Korean nationalism.

Under the Japanese colonial regime, private schools were required to register with the government and follow the Japanese curriculum. However, the government often provided inadequate funding, leading to the closure of many private schools. Private schools that survived faced numerous challenges, such as limited resources and facilities, which hampered their ability to provide quality education (Allais, 2020). Moreover, the government also implemented policies that favored Japanese education over Korean education, leading to a decline in the popularity of Korean private schools. Many Koreans began sending their children to Japanese schools, which were considered superior regarding resources and opportunities.

The Japanese colonial period had a profound impact on private education in Korea. The policies implemented by the Japanese government led to a decline in the popularity and role of private education in the country (Ozer, 2020). The government's focus on public education, along with the inadequate funding and resources provided to private schools, led to the closure of many private schools. Additionally, the policies implemented during this time also created a preference for Japanese education over Korean education, further limiting the role of private education in Korea. The impact of the Japanese colonial period on private education in Korea was significant and has had lasting effects on the private education industry in the country.

3.2. Historical Event 2: Education Reforms in the 1960s and the Rise of Hagwons in Korea Background and Context

The 1960s marked a period of significant educational reforms in South Korea. These reforms aimed to modernize the education system and address the growing demand for quality education. During this time, the government implemented policies to expand access to education and improve the quality of public schools (Teo et al., 2020). However, these reforms inadvertently led to the rise of hagwons, private tutoring academies, in response to the increased competition for academic success.

The education reforms in the 1960s introduced a more competitive environment within the Korean education system. As the demand for higher education increased, so did the competition for admission to prestigious universities (Oh et al., 2020). Public schools, despite the reforms, were unable to fully meet the demands of students seeking additional academic support and exam preparation. This created fertile ground for the emergence of hagwons. Hagwons began to increase during this period, offering students specialized tutoring services and exam preparation. They provided additional instruction in subjects such as mathematics, science, and foreign languages, giving students a competitive edge in exams. Hagwons offered smaller class sizes, personalized attention, and a focus on exam-oriented instruction, appealing to students and parents who sought better academic outcomes.

The rise of hagwons profoundly impacted the private education landscape in Korea. Hagwons became an integral part of the education system, catering to students' demands for supplementary education and exam preparation. They played a significant role in supplementing the curriculum provided by public schools and meeting the increasing academic competition. Hagwons also contributed to expanding the private education industry and its economic significance (Guo et al., 2020). The demand for hagwon services created a thriving market, attracting investment and establishing numerous hagwons across the country. This growth fueled debates and concerns regarding the equity of educational opportunities, as access to quality hagwons often correlated with socioeconomic status.

The education reforms in the 1960s and the subsequent rise of hagwons transformed the private education landscape in Korea. They shaped the dynamics of private education, emphasizing the importance of supplemental instruction and exam preparation (Seong et al., 2021). The impact of these developments on the private education industry in Korea remains significant, as hagwons play a prominent role in the education system and influence students' academic trajectories.

3.3. Historical Event 3: The 1990s Economic Crisis and the Shift to Vocational Education Background and Context

The 1990s marked a period of significant economic and social changes in Korea. The country faced a severe economic crisis, resulting in high unemployment rates and a shift in the job market (Byun, 2020). In response, the government introduced policies aimed at promoting vocational education and training to address the changing demands of the labor market. The shift towards vocational education in the 1990s had significant implications for private education in Korea. The government introduced policies to expand vocational education opportunities, encouraging students to pursue practical skills and knowledge rather than traditional academic subjects. This led to specialized private vocational schools catering to students' needs for practical skills and job training (You, 2020). Moreover, private vocational schools offered various hospitality, technology, and healthcare programs. They provided students with practical skills and knowledge, preparing them for specific

careers in high-demand industries. Private vocational schools offered specialized instruction, smaller class sizes, and practical training opportunities, appealing to students seeking direct employment pathways.

The economic crisis of the 1990s and the shift towards vocational education had significant implications for the private education industry in Korea. The rise of private vocational schools represented a new market segment within the private education industry, catering to students' needs for practical skills and job training (You, 2020). Private vocational schools also represented a new avenue for private education providers to meet the changing demands of the labor market. They created new opportunities for private education providers to offer specialized instruction and meet the demands of a shifting economy. Private vocational schools contributed to the diversification of the private education landscape in Korea, providing students with new options for post-secondary education and career preparation. Lastly, the shift towards vocational education and the emergence of private vocational schools in Korea represented a significant development in the private education industry (You, 2020). They highlighted the need for private education providers to adapt to changing economic and social conditions, emphasizing the importance of practical skills and job training in the labor market.

3.4 Historical Event 4: Education Reforms in the 21st Century and the Regulation of Private Education Background and Context

In the 21st Century, South Korea underwent a series of education reforms to address issues such as academic pressure, educational inequality, and the role of private education (Um, 2021). These reforms were driven by the government's efforts to create a more balanced and equitable education system. One key development in the 21st Century was the implementation of policies to regulate private education institutions. The government introduced measures to monitor and control the operation of hagwons and other private education providers (Gulomovna, 2022). These regulations addressed concerns about excessive academic pressure, rising costs, and educational disparities associated with private education. The regulations introduced stricter curfews, limitations on advertising, and penalties for violations. The government also emphasized the importance of public education. It sought to reduce the reliance on private education by improving the quality of public schools and providing more diverse educational opportunities.

The education reforms in the 21st Century and the regulation of private education significantly impacted the private education industry in Korea. The regulations imposed on hagwons, and private education institutions aimed to create a more balanced and equitable education system, addressing concerns about educational inequality and the excessive influence of private education (Gulomovna, 2022). The impact of these reforms varied. Some hagwons adapted to the regulations by modifying their operating hours, diversifying their course offerings, and focusing on holistic education. However, others faced challenges and closures due to stricter regulations and increased scrutiny. The regulations also affected the perception and behavior of parents and students. Some parents became more cautious about excessive private education, opting for a more balanced approach incorporating both public and private education. The reforms also stimulated discussions and debates about the role and influence of private education in Korean society.

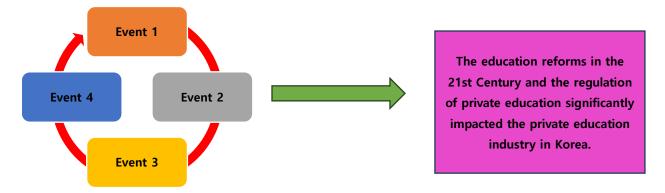


Figure 1: The Impact of Private Educational Events

4. Implications and Conclusions

4.1. Implications of the Findings for Educational Practitioners in the Private Education Industry in South Korea

The findings of this study have important implications for educational practitioners in the private education industry in South Korea (Hajar et al., 2023). Firstly, understanding the historical events that have shaped the private education landscape provides practitioners with valuable insights into the industry's evolution and transformation over time. This historical context can inform decision-making processes, allowing practitioners to anticipate and adapt to changes in the educational landscape. Additionally, the findings shed light on the impact of various historical events on private education practices (Tan, 2022). Practitioners can use this knowledge to assess their current practices and make necessary adjustments critically. For example, the rise of hagwons in response to the competitive academic environment highlighted the importance of personalized attention and exam-oriented instruction. Educational practitioners can consider incorporating similar strategies in their teaching methodologies to meet the demands and expectations of students and parents. Moreover, the findings highlight the need for practitioners to address the challenges and issues associated with private education (Bray, 2021). For instance, the high financial burden placed on families and the emphasis on exam-oriented education have raised concerns about equity and student well-being. Practitioners can reflect on these findings and explore ways to make private education more accessible and balanced, promoting holistic development and reducing educational inequalities.

4.2. Recommendations and Suggestions for Improving Private Education Practices based on the Historical Events Discussed

Based on the historical events discussed, several recommendations and suggestions can be made to improve private education practices in South Korea. Firstly, there is a need for ongoing dialogue and collaboration between private education institutions and public educational authorities. This collaboration can lead to developing policies and initiatives that promote a more balanced and integrated education system (Guill, 2019). For example, joint efforts can be made to provide quality resources and opportunities in public schools, reducing the excessive reliance on private education. Secondly, practitioners should focus on fostering a student-centered approach to education. The historical events highlighted the importance of personalized attention and tailored instruction. Educational practitioners can develop teaching strategies catering to students' needs and interests, promoting active learning and student engagement. This can create a more supportive and enriching learning environment.

Furthermore, there is a need for increased transparency and accountability in the private education industry. This can be achieved through stricter regulations, effective monitoring systems, and clear guidelines for operation. By ensuring transparency and accountability, practitioners can build trust with parents and students, addressing concerns about the quality and integrity of private education (Steinmayr et al., 2022). Lastly, practitioners should explore innovative approaches to address the financial burden associated with private education. This can involve implementing scholarship programs, providing financial aid, or partnering with organizations to offer more affordable educational opportunities. By actively seeking solutions to make private education more accessible, practitioners can contribute to reducing educational disparities.

4.3. Conclusions

In conclusion, this research provides a comprehensive evaluation of the history of private education in Korea, examining four key historical events and their impact on the private education landscape. The findings reveal important insights into private education's development, role, and impact in Korea. This research contributes to the existing literature on private education in Korea by comprehensively evaluating historical events and their implications. It fills a research gap by examining the historical context, key developments, and impacts of these events on private education in Korea. Despite its contributions, this study has some limitations. The research relies on existing literature, and although efforts were made to ensure the accuracy and reliability of the sources, potential biases or gaps in the literature could impact the findings.

Additionally, the scope of the research is limited to historical events, and other aspects, such as current trends and perspectives, may not have been fully explored. Furthermore, the study focuses on private education in South Korea, and the findings may not directly apply to other countries or contexts. This paper also opens up avenues for future research on private education in Korea. Further research can delve into the experiences and perspectives of students, parents, and teachers

regarding private education. Understanding their motivations, concerns, and experiences can provide deeper insights into the dynamics of private education. Additionally, comparative studies can be conducted to analyze the private education systems in different countries, highlighting similarities, differences, and potential lessons that can be learned to enhance the practices and policies in Korea.

References

- Allais, S. (2020). Vocational education and inequalities in transitions from education to work in three African countries. In *Inequality studies from the global south* (pp. 141-160). Routledge.
- Bae, S. M. (2019). The relationship between smartphone use for communication, social capital, and subjective well-being in Korean adolescents: Verification using multiple latent growth modeling. *Children and youth services review, 96*, 93-99
- Birgili, B., Seggie, F. N., & Oğuz, E. (2021). The trends and outcomes of flipped learning research between 2012 and 2018: A descriptive content analysis. *Journal of Computers in Education*, 8, 365-394.
- Bodovski, K., Chykina, V., & Khavenson, T. (2019). Do human and cultural capital lenses contribute to our understanding of academic success in Russia. *British Journal of sociology of Education*, 40(3), 393-409.
- Bray, M. (2021). Shadow education in Europe: Growing prevalence, underlying forces, and policy implications. ECNU Review of Education, 4(3), 442-475.
- Byun, S., & Slavin, R. E. (2020). Educational responses to the COVID-19 outbreak in South Korea. Best Evid Chin Edu, 5(2), 665-680.
- Chih-Hao, C. (2019). Effects of private tutoring on English performance: Evidence from senior high students in Taiwan. *International Journal of Educational Development, 68*(July), 80-87.
- Choi, S. (2020). Impact of family background and individual characteristics on vocational high school choice in south korea: A gender analysis. *Journal of Technical Education and Training*, 12(4), 16-26.
- Guill, K., & Lintorf, K. (2019). Private tutoring when stakes are high: Insights from the transition from primary to secondary school in Germany. *International Journal of Educational Development*, 65, 172-182.
- Gulomovna, Z. M. (2022). Commodification of education in the form of shadow education. *ACADEMICIA: An International Multidisciplinary Research Journal*, 12(1), 200-206.
- Guo, Y., Chen, Q., Zhai, S., & Pei, C. (2020). Does private tutoring improve student learning in China? Evidence from the China Education Panel Survey. *Asia & the Pacific Policy Studies*, 7(3), 322-343.
- Ha, H. V., Tram, A. N. T., Fursova, V. V., & Shakirova, A. Y. (2020). The Impact of Family Socio-economic Status on Access to Higher Education in Vietnam. *International Journal Education Science*, 28(1-3), 80-85.
- Hajar, A., Sagintayeva, A., & Izekenova, Z. (2023). Private Supplementary Tutoring at a Transition Point in Kazakhstan's Education System: Its Scale, Nature, and Policy Implications. *European Education*, 1-14.
- Hultberg, P. T., Calonge, D. S., & Choi, T. (2021). Costs and benefits of private tutoring programs: the South Korean case. *International Journal of Social Economics*, 48(6), 862-877.
- Joshi, P. (2019). Private schooling and tutoring at scale in South Asia. Handbook of education systems in South Asia, 1-20.
- Jung, H., Kim, Y. E., & Kim, I. (2020). Exploring the alleged effect of lower academic achievement after the free semester in Korean Middle Schools. *Asia Pacific Education Review*, 21, 639-651.
- Kalleberg, A. L. (2020). Labor market uncertainties and youth labor force experiences: Lessons learned. *The Annals of the American Academy of Political and Social Science*, 688(1), 258-270.
- Kim, T., Jang, H., & Kim, J. (2022). Do peers affect private tutoring engagement in Korea? Evidence from a quasi-experimental approach. *Asia Pacific Education Review*, 23(2), 271-283.
- King, C., Heo, J., Lee, J. W., Hji-Avgoustis, S., & Lee, S. (2020). Subjective well-being, activity types, and social context in undergraduate students' daily experience es: An experience sampling study. *College Student Journal*, *54*(1), 106-116.
- Lee, S. J., Jahng, K. E., & Kim, K. (2020). Light and shade of multicultural education in South Korea: Analysis through Bourdieu's concept of capital. *Journal for Multicultural Education*, 14(2), 149-161.
- Lindemann-Matthies, P., Benkowitz, D., & Hellinger, F. (2021). Associations between the naturalness of window and interior classroom views, subjective well-being of primary school children and their performance in an attention and concentration test. *Landscape and Urban Planning*, 214, 104146.
- Mandikiana, B. W. (2021). Choice and expenditure: A double hurdle model of private tutoring in Qatar. *Economic Analysis and Policy*, 71(September), 1-15.

- Maulana, R., Smale-Jacobse, A., Helms-Lorenz, M., Chun, S., & Lee, O. (2020). Measuring differentiated instruction in the Netherlands and South Korea: Factor structure equivalence, correlates, and complexity level. *European Journal of Psychology of Education*, 35, 881-909.
- Oh, J., Lee, J. K., Schwarz, D., Ratcliffe, H. L., Markuns, J. F., & Hirschhorn, L. R. (2020). National response to COVID-19 in the Republic of Korea and lessons learned for other countries. *Health Systems & Reform, 6*(1), e1753464.
- Ozer, M., & Perc, M. (2020). Dreams and realities of school tracking and vocational education. *Palgrave Communications*, 6(1), 1-7.
- Realyvásquez-Vargas, A., Maldonado-Macías, A. A., Arredondo-Soto, K. C., Baez-Lopez, Y., Carrillo-Gutiérrez, T., & Hernández-Escobedo, G. (2020). The impact of environmental factors on academic performance of university students taking online classes during the COVID-19 Pandemic in Mexico. *Sustainability*, *12*(21), 9194.
- Seong, H., Hyun, H. J., Yun, J. G., Noh, J. Y., Cheong, H. J., Kim, W. J., & Song, J. Y. (2021). Comparison of the second and third waves of the COVID-19 pandemic in South Korea: Importance of early public health intervention. *International Journal of Infectious Diseases*, 104, 742-745.
- Steinmayr, R., Paschke, P., & Wirthwein, L. (2022). Elementary school students' subjective well-being before and during the COVID-19 pandemic: A longitudinal study. *Journal of Happiness Studies*, 23(6), 2985-3005.
- Tan, C. (2022). Private tutoring and the subjective rationalities of parents: The experiences in South Korea and Singapore. *Asian Education and Development Studies*, 11(3), 464-474.
- Teo, T. S., Kim, S. L., & Jiang, L. (2020). E-learning implementation in south Korea: Integrating Effectiveness and Legitimacy Perspectives. *Information Systems Frontiers*, 22, 511-528.
- Um, T., & Chung, N. (2021). Does smart tourism technology matter? Lessons from three smart tourism cities in South Korea. *Asia Pacific Journal of Tourism Research*, 26(4), 396-414.
- Wiseman, A. W. (2021). Does inequality stay in the shadow? The cross-national effects of educational equity on private tutoring and student achievement. *International Journal of Educational Research*, 109, 101808.
- Yoo, J. (2020). Gratitude and subjective well-being among Koreans. *International Journal of Environmental Research and Public Health*, 17(22), 8467.
- Yoon, M., & Yun, H. (2023). Relationships between adolescent smartphone usage patterns, achievement goals, and academic achievement. *Asia Pacific Education Review*, 24(1), 13-23.
- You, J. (2020). Lessons from South Korea's Covid-19 policy response. *The American Review of Public Administration*, 50(6-7), 801-808.
- Zhang, E., & Liu, Y. (2022). Effects of private tutoring intervention on students' academic achievement: A systematic review based on a three-level meta-analysis model and robust variance estimation method. *International Journal of Educational Research*, 112, 101949.
- Zhang, Y., Dang, Y., He, Y., Ma, X., & Wang, L. (2021). Is private supplementary tutoring effective? A longitudinally detailed analysis of private tutoring quality in China. *Asia Pacific Education Review*, 22, 239-259.
- Zheng, X., Wang, C., Shen, Z., & Fang, X. (2020). Associations of private tutoring with Chinese students' academic achievement, emotional well-being, and parent-child relationship. *Children and Youth Services Review*, 112(May), 104934.