

Intercultural Dimensionality in Mexican Education and Its Evolution La dimensionalidad intercultural en la educación mexicana y su evolución

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Fecha de recepción: 17 de septiembre de 2024

Fecha de aceptación: 27 de marzo de 2025

Summary. This study provides a comprehensive analysis of the evolution of intercultural education in Mexico, focusing on key reforms and their impact on Indigenous and minority populations. The article examines the introduction of intercultural bilingual education in 1994, the establishment of the Coordinación General de Educación Intercultural y Bilingüe (CGEIB) in 2001, and the development of intercultural universities, such as the Universidad Intercultural de Chiapas. Through mixed methodological approaches that combine qualitative and quantitative analysis, this study explores the achievements and challenges of these initiatives, highlighting the disparities in implementation and resource allocation across different regions. The findings underscore the importance of culturally responsive pedagogy and community engagement in achieving educational equity. The study concludes with recommendations for future research and policy development to further enhance the effectiveness of intercultural education in Mexico.

Keywords: intercultural education, bilingual education, Indigenous education, cultural diversity.

Resumen. Este estudio ofrece un análisis exhaustivo de la evolución de la educación intercultural en México, centrándose en las reformas clave y su impacto en las poblaciones indígenas y minoritarias. El artículo examina la introducción de la educación intercultural bilingüe en 1994, el establecimiento de la Coordinación General de Educación Intercultural y Bilingüe (CGEIB) en 2001 y el desarrollo de universidades interculturales, como la Universidad Intercultural de Chiapas. Mediante enfoques metodológicos mixtos que combinan análisis cualitativos y cuantitativos, este estudio explora los logros y desafíos de estas iniciativas, destacando las disparidades en la implementación y la asignación de recursos en las diferentes regiones. Los hallazgos subrayan la importancia de la pedagogía culturalmente receptiva y la participación comunitaria para lograr la equidad educativa. El estudio concluye con recomendaciones para futuras investigaciones y el desarrollo de políticas públicas que contribuyan a mejorar la eficacia de la educación intercultural en México.

Palabras clave: educación intercultural, educación bilingüe, educación indígena, diversidad cultural.

1 Introduction

Mexico is known by its a deep cultural heterogeneity that encapsulates a multitude of Indigenous groups, each of them endowed with unique linguistic, cultural, and epistemological frameworks. Historically, the Mexican educational apparatus exhibited a predilection for a monolithic curriculum, whose implementation disenfranchised said populations by perpetuating a model that failed to accommodate and serve the intricate mosaic of the nation's cultural realities. This hegemonic educational paradigm not only marginalized these communities but also entrenched structural inequalities that have had enduring socio-economic repercussions. By the twilight of the 20th century, an emergent recognition of the need to reformulate the educational system became palpable, driven by both internal exigencies and broader global trends toward inclusivity and cultural pluralism.

The advent of intercultural education in Mexico during the 1990s constitutes a paradigmatic shift, marking a deliberate departure from the assimilationist policies that had long dominated the educational discourse. The establishment of the Coordinación General de Educación Intercultural y Bilingüe (CGEIB) in 2001 epitomized a significant institutional commitment to constructing an educational framework that is not only inclusive but also reflective of Mexico's rich cultural and linguistic diversity. This initiative aimed to transcend

mere tolerance of cultural differences, instead fostering a robust appreciation and integration of diverse cultural epistemologies within the educational process.

The early 2000s witnessed the institutionalization of intercultural universities, such as the Universidad Intercultural de Chiapas, which arose as mechanisms to provide higher education opportunities that resonate with the cultural and linguistic realities of Indigenous communities. These institutions were devised as platforms for the empowerment of Indigenous students, offering educational experiences that are not only accessible but also congruent with their cultural identities. Nevertheless, the implementation of intercultural education across Mexico remains heterogeneously distributed, with pronounced regional disparities that call into question the uniformity and efficacy of these initiatives, particularly in regions with substantial Indigenous populations.

The persistent challenges associated with the integration of intercultural education within the Mexican educational framework necessitate a comprehensive and nuanced analysis of the evolution of these programs. Although public institutions have exhibited varying degrees of success in this regard, the role of private institutions remains less delineated, characterized by inconsistent levels of engagement and efficacy. Moreover, the enduring regional disparities in the application of intercultural education underscore the necessity for continued efforts to ensure that all students, regardless of their cultural backgrounds, receive an education that is both respectful of and congruent with their identities.

An in-depth understanding of the evolution of the intercultural dimension in Mexican education is indispensable for elucidating both the accomplishments and the deficiencies of existing policies and practices. Such analysis not only contributes to the refinement of educational strategies tailored to Mexico's diverse population but also offers valuable insights for other nations with similar multicultural contexts. In a globalized era where the imperatives of inclusion and equity are increasingly foregrounded, the insights gleaned from this study hold the potential to enrich the broader discourse on intercultural education and its pivotal role in fostering social cohesion and equity.

2 Historical Context

2.1. Pre-1990s Educational Practices

Before the 1990s, the Mexican educational system was characterized by a monolithic and assimilationist approach, which disregarded the cultural and linguistic diversity of the nation [1]. The prevailing educational model was rooted in the ideology of "mestizaje," which aimed to create a homogeneous national identity by promoting the assimilation of Indigenous populations into the dominant Spanish-speaking, mestizo culture [2]. This ideology was reflected in the educational policies and practices that were implemented throughout the 20th century, where the primary focus was the standardization of curriculum and language instruction, with little to no accommodation for Indigenous languages and cultural practices [3].

The Secretaría de Educación Pública (SEP), established in 1921, played a vital role in shaping this educational agenda. Under the direction of José Vasconcelos, the SEP sought to promote a unified national culture through the expansion of public education, but this often came at the expense of Indigenous identities. Indigenous languages were systematically excluded from formal education, and Indigenous knowledge systems were marginalized, leading to a significant cultural disconnect between the education provided in schools and the lived experiences of Indigenous students [4].

This approach had profound implications for Indigenous and other minority populations, who were underrepresented in the curriculum while facing significant barriers to educational access and success. The lack of culturally relevant education contributed to high dropout rates among Indigenous students and reinforced social inequalities, as education became a tool for cultural homogenization rather than a means of empowerment.

2.2 Emergence of Intercultural Education

The 1990s marked a critical turning point in the recognition of the need for a more inclusive and culturally responsive educational model in Mexico. This shift was driven by both internal and external factors, including growing demands from Indigenous communities for greater recognition of their cultural rights, as well as international pressures to comply with global standards for human rights and education [1][5].

One of the earliest and most significant reforms in this period was the introduction of intercultural bilingual education, which sought to address the historical exclusion of Indigenous languages and cultures from the formal education system. This reform was part of a broader movement toward educational equity and inclusion, which

aimed to provide Indigenous students with an education that was not only linguistically accessible but also culturally relevant.

The establishment of the Dirección General de Educación Indígena (DGEI) within the SEP in 1994 was a key milestone in this process. The DGEI was tasked with overseeing the development and implementation of educational programs specifically designed for Indigenous populations, with a focus on promoting bilingualism and intercultural understanding. This represented a significant departure from previous policies, as it acknowledged the importance of preserving Indigenous languages and cultures within the educational system [6][7].

The emergence of intercultural education in the 1990s was also influenced by the broader international discourse on multiculturalism and Indigenous rights. Mexico's participation in global forums such as the United Nations and its adoption of international agreements like the International Labour Organization's Convention 169 on Indigenous and Tribal Peoples played a crucial role in shaping the country's commitment to intercultural education. These developments signaled a growing recognition of the need to move beyond assimilationist policies and toward a more pluralistic and inclusive approach to education [8].

3 Methodology

The methodological approach adopted for this study is grounded in a framework that combines both qualitative and quantitative research methods. This approach allows for a nuanced exploration of the evolution of the intercultural dimension in Mexico's educational system, ensuring that the findings are robust, multidimensional, and reflective of the complexities inherent in the subject matter.

This study employs a sequential exploratory design, wherein qualitative research informs the subsequent quantitative analysis. The research process is divided into distinct phases, each of which contributes to the overarching objective of understanding how intercultural education has evolved within the Mexican context, both in public and private institutions.

The study begins with an exhaustive review of relevant policy documents, educational reforms, and historical records. This analysis is critical for understanding the legislative and institutional frameworks that have shaped the development of intercultural education in Mexico. Key documents include the educational reforms of 1994 and 2001, the establishment of the Dirección General de Educación Indígena (DGEI), and the Coordinación General de Educación Intercultural y Bilingüe (CGEIB). Theoretical frameworks such as postcolonial theory and critical pedagogy are employed to critically analyze these texts, uncovering the underlying ideologies and power dynamics that have influenced policy decisions.

Focus groups were conducted with students and educators from both public and private institutions. These discussions provide insight into the practical application of intercultural education policies and the challenges faced in their implementation. The focus groups are particularly useful for capturing the dynamic and interactive aspects of intercultural education, as participants reflect on their experiences and engage in dialogue with one another.

The study is underpinned by several key theoretical perspectives that inform both the analysis and interpretation of the data:

1. Drawing on the work of Paulo Freire, critical pedagogy provides a lens through which to examine the power relations and social justice issues inherent in the education system. This framework is particularly relevant for analyzing the ways in which intercultural education seeks to challenge and transform traditional educational practices that have historically marginalized Indigenous populations [9].
2. Postcolonial theory is employed to critically assess the legacy of colonialism in shaping educational policies and practices in Mexico. This perspective is crucial for understanding the historical context in which intercultural education has developed, as well as the ongoing struggles for cultural recognition and autonomy within the education system.
3. Vygotskian sociocultural theory is utilized to explore the role of cultural and social contexts in shaping learning processes. This theoretical perspective informs the analysis of how intercultural education is implemented in practice, particularly in terms of the interaction between students' cultural backgrounds and the educational environment [10].

3.1 Ethical Considerations

The study adheres to the highest ethical standards, ensuring the confidentiality and anonymity of all participants. Informed consent is obtained from all interviewees and focus group participants, and the research design is reviewed and approved by an institutional ethics board. Special attention is given to the ethical implications of conducting research with Indigenous communities, with measures in place to ensure that their voices are respectfully and accurately represented in the study.

3.2 Limitations and Delimitations

While our mixed methodological approach provides a comprehensive understanding of the evolution of intercultural education in Mexico, certain limitations are acknowledged. The study's reliance on self-reported data in the qualitative phase may introduce biases, and the generalizability of the findings is limited by the specific cultural and institutional contexts studied. However, these limitations are mitigated by the triangulation of data sources and the rigorous application of theoretical frameworks.

4 Evolution and Impact of Intercultural Education in Mexico: A Historical and Theoretical Analysis

4.1 Key Reforms and Policies

1994 Educational Reform: Introduction of Intercultural Bilingual Education and the Creation of the Dirección General de Educación Indígena (DGEI)

The 1994 educational reform in Mexico was a watershed moment in the history of intercultural education. This reform introduced the concept of intercultural bilingual education as a formal policy, signaling a significant departure from the assimilationist approaches that had previously dominated the educational landscape. The reform was driven by a growing recognition of the rights of Indigenous peoples, both within Mexico and as part of broader international human rights movements. It sought to address the systemic marginalization of Indigenous languages and cultures in the education system, which had long been a source of social and economic inequity [11].

The establishment of the Dirección General de Educación Indígena (DGEI) within the Secretaría de Educación Pública (SEP) was a key outcome of the 1994 reform. The DGEI was tasked with the responsibility of overseeing the implementation of intercultural bilingual education across Mexico. Its creation represented a significant institutional commitment to preserving and promoting Indigenous languages and cultures within the national education system. The DGEI developed curricula, teaching materials, and teacher training programs that were specifically designed to meet the needs of Indigenous communities. These initiatives aimed to ensure that Indigenous students received an education that was both culturally relevant and linguistically accessible.

However, the implementation of intercultural bilingual education under the DGEI faced numerous challenges. These included a lack of adequately trained bilingual teachers, insufficient resources, and resistance from segments of the population who viewed these reforms as a threat to national unity. Despite these challenges, the 1994 reform laid the groundwork for subsequent developments in intercultural education and marked a critical step towards educational equity in Mexico [2].

2001 Establishment of the Coordinación General de Educación Intercultural y Bilingüe (CGEIB)

The establishment of the Coordinación General de Educación Intercultural y Bilingüe (CGEIB) in 2001 further advanced the agenda of intercultural education in Mexico. The CGEIB was created as part of a broader strategy to institutionalize and mainstream intercultural education across all levels of the Mexican education system. While the DGEI had focused primarily on Indigenous education, the CGEIB was tasked with integrating intercultural perspectives into the entire educational framework, including urban and non-Indigenous settings [2].

The CGEIB's mandate was to develop and promote educational policies that recognized and respected Mexico's cultural diversity. This included the creation of curricula that incorporated Indigenous knowledge systems, the promotion of linguistic diversity, and the development of programs that fostered intercultural dialogue and understanding among students from diverse cultural backgrounds. The CGEIB also played a key

role in coordinating efforts between federal, state, and local educational authorities to ensure that intercultural education was implemented consistently across the country.

One of the significant impacts of the CGEIB was its influence on teacher training programs. The CGEIB worked closely with teacher training institutions to ensure that new educators were equipped with the skills and knowledge necessary to teach in culturally diverse classrooms. This included training in intercultural communication, bilingual education methodologies, and the use of culturally relevant teaching materials. The CGEIB's work was instrumental in shifting the educational paradigm in Mexico towards one that valued cultural diversity as a fundamental component of the national identity.

Development of Intercultural Universities

The early 2000s saw the development of intercultural universities in Mexico, beginning with the establishment of the Universidad Intercultural de Chiapas in 2004. These universities were created as part of a broader effort to expand access to higher education for Indigenous populations and to provide educational opportunities that were aligned with their cultural and linguistic identities [12].

Intercultural universities were designed to be more than just institutions of higher learning; they were conceived as spaces for cultural affirmation and the revitalization of Indigenous knowledge systems. The curricula at these universities were developed in collaboration with Indigenous communities, ensuring that they were relevant to the needs and aspirations of the students they served. Courses were offered in both Spanish and Indigenous languages, and programs were designed to integrate traditional knowledge with contemporary academic disciplines.

The establishment of intercultural universities represented a significant step forward in the pursuit of educational equity in Mexico. These institutions provided Indigenous students with the opportunity to pursue higher education without having to sacrifice their cultural identities. Moreover, they contributed to the broader goal of promoting cultural diversity and intercultural understanding within Mexican society. Despite these achievements, intercultural universities have faced challenges, including limited funding, political resistance, and the ongoing struggle to balance academic rigor with cultural relevance.

4.2 The Role of Private Institutions

Private Sector Contributions

Private universities in Mexico, such as Tecnológico de Monterrey and Universidad Iberoamericana, have also played a role in promoting intercultural education, albeit with different approaches compared to public institutions. These universities have increasingly recognized the importance of cultural diversity in education and have integrated intercultural perspectives into their curricula, research programs, and campus life [13] [14].

For instance, Tecnológico de Monterrey has implemented programs aimed at fostering global citizenship and intercultural competence among its students. This includes exchange programs, international collaborations, and courses focused on intercultural communication and diversity. The university's emphasis on global engagement reflects a broader trend in private education towards preparing students for participation in a globalized world, where cultural competence is seen as a valuable skill.

Similarly, Universidad Iberoamericana, with its Jesuit educational philosophy, has integrated social justice and interculturality into its mission. The university offers programs that focus on Indigenous rights, social inclusion, and intercultural dialogue, reflecting its commitment to addressing the social inequalities that exist within Mexican society. Through partnerships with Indigenous organizations and communities, Universidad Iberoamericana has worked to create educational opportunities that are inclusive and responsive to the needs of marginalized groups [15].

Comparison with Public Institutions

The approaches taken by private institutions in integrating the intercultural dimension into their educational frameworks differ significantly from those of public institutions. While public universities have been more focused on addressing the historical marginalization of Indigenous populations and promoting linguistic diversity, private institutions have tended to emphasize global engagement and intercultural competence within the context of a broader, cosmopolitan education.

Public institutions, particularly intercultural universities, are deeply rooted in the communities they serve and have a mandate to preserve and promote Indigenous cultures. Their programs are often developed in close collaboration with local communities, ensuring that they are culturally relevant and accessible. In contrast, private

institutions have more flexibility in their curricula and are often driven by market demands and international trends. This can lead to a more diverse range of programs and initiatives, but also raises questions about the extent to which these institutions are truly committed to intercultural education as a means of promoting social justice and equity.

4.3 Current Status and Impact

Present-Day Initiatives

Today, intercultural education in Mexico continues to evolve, with a range of ongoing programs and initiatives aimed at promoting cultural diversity and inclusion at all levels of the education system. The CGEIB remains a central player in these efforts, working to expand the reach of intercultural education and ensure that it is implemented consistently across the country. Recent initiatives have focused on integrating intercultural education into urban schools, where cultural diversity is often less visible but no less important.

In addition to federal efforts, there are numerous state and local programs that support intercultural education. These include bilingual education programs, cultural exchange initiatives, and community-based education projects that bring together students from diverse cultural backgrounds. Non-governmental organizations and international agencies have also played a role in supporting these efforts, providing funding, resources, and expertise [16].

Impact Assessment

The impact of these reforms on Indigenous and other minority populations has been significant, though not without challenges. On the positive side, there has been an increase in educational access and retention among Indigenous students, particularly in regions where intercultural education programs have been implemented effectively. These programs have also contributed to the preservation and revitalization of Indigenous languages and cultures, providing students with a sense of pride in their cultural heritage [17].

However, challenges remain, including persistent disparities in educational quality and outcomes between different regions and populations. In some areas, the implementation of intercultural education has been inconsistent, with schools lacking the necessary resources, trained teachers, and institutional support to fully realize the goals of these programs. Additionally, there is ongoing debate about the best ways to balance the demands of academic rigor with the need to provide culturally relevant education [18].

Challenges and Opportunities

The full integration of intercultural education in Mexico faces several challenges, including political resistance, limited funding, and the complexities of implementing educational reforms in a country with such diverse cultural and linguistic contexts. However, these challenges also present opportunities for innovation and growth. For instance, the increasing use of digital technologies in education offers new possibilities for reaching students in remote areas and for creating more flexible and responsive educational programs.

Moreover, the ongoing dialogue between public and private institutions, as well as between national and international actors, provides a fertile ground for the development of new approaches to intercultural education. By building on the successes of existing programs and addressing their shortcomings, Mexico has the potential to become a global leader in the field of intercultural education, offering a model for other countries with similarly diverse populations.

5 Case Studies

This section presents two detailed case studies of specific communities and schools that have successfully implemented intercultural education programs in Mexico. These case studies provide a comprehensive overview of the strategies deployed, the outcomes achieved, and the lessons learned in the process of fostering a more inclusive and culturally responsive educational environment. In accordance with agreements made with the study participants, both their personal information and the identities of the institutions involved will remain confidential.

5.1 Case Study 1

The case study university offers programs that integrate traditional knowledge systems with contemporary academic disciplines, aiming to empower Indigenous students while promoting the preservation of their cultural heritage. The implementation strategy to intercultural education is grounded in a community-based model that emphasizes active collaboration between the university and the local Indigenous communities. The curriculum is developed in consultation with community leaders and elders, ensuring that it is culturally relevant and responsive to the needs of the students. Courses are offered in both Spanish and Indigenous languages, and faculty members are often bilingual, with a deep understanding of the cultural contexts in which their students live.

To evaluate the effectiveness of the intercultural education program, a focus group instrument was developed, targeting both students and faculty members. The focus group discussions were structured around the following key questions:

1. Cultural Relevance: How do the courses offered reflect and integrate Indigenous knowledge systems and cultural practices?
2. Language Use: How effective is the use of Indigenous languages in the classroom, and what challenges have been encountered in implementing bilingual education?
3. Community Engagement: In what ways the university has engaged with the local Indigenous communities, and how has this engagement influenced the educational experience?
4. Outcomes and Impact: What impact has the intercultural education program had on students' academic performance, cultural identity, and career opportunities?

According to the answers provided, the university has successfully created an educational environment that supports the cultural and linguistic needs of Indigenous students. The community-based approach has fostered a strong sense of cultural identity among students and has contributed to higher retention rates compared to other institutions. However, the focus group discussions highlighted the need for additional resources, particularly in academic materials in Indigenous languages. The case of study demonstrates the importance of community engagement and culturally responsive pedagogy in the success of intercultural education programs.

5.2 Case Study 2

The educational program of this case study is designed to provide primary and secondary education in both Spanish and Indigenous languages, with a curriculum that incorporates Indigenous cultural perspectives. The implementation strategy is characterized by its decentralized approach, allowing local communities to have a significant say in the development and implementation of the curriculum. Teachers in the educational program are often members of the Indigenous communities they serve, ensuring that they have the linguistic and cultural competence needed to effectively instruct the students. The program also emphasizes the training of teachers in intercultural pedagogy and the development of culturally relevant teaching materials.

To assess the impact of the educational program, focus group discussions were conducted with students, teachers, and parents. The focus group instrument included the following questions:

1. Bilingual Instruction: How do students and teachers perceive the use of both Spanish and Indigenous languages in the classroom? What benefits and challenges have been observed?
2. Cultural Content: How effectively does the curriculum reflect the cultural practices and knowledge of the Indigenous communities?
3. Teacher Training: How has the training provided to teachers in intercultural pedagogy influenced their teaching practices?
4. Community Involvement: What roles do parents and community members play in supporting the program?

According to the answers provided, the educational program has made significant strides in promoting linguistic and cultural diversity in education. The program has helped preserve Indigenous languages and has strengthened the cultural identity of students. However, the focus groups revealed ongoing challenges, particularly in the areas of resource availability and the consistency of bilingual instruction. The case of study underscores the importance of adequate resources and continuous teacher training in the success of intercultural education initiatives.

6 Analysis of Results from Case Studies

This section presents the statistical analysis of the qualitative data collected from the focus groups conducted in the two case studies.

6.1 Thematic Analysis and Frequency Counts

Thematic analysis was conducted on the transcriptions of the focus group discussions. The responses were coded into several themes, including cultural relevance, language use, community engagement, outcomes, and challenges. The frequency of each theme was calculated to understand the prominence of each aspect across different participants.

Table 1. Frequency of Themes in Focus Groups

Theme	Case Study 1	Case Study 2
Cultural Relevance	28	32
Language Use	22	35
Community Engagement	18	25
Outcomes and Impact	15	20
Challenges	12	30

The table indicates that "Language Use" and "Cultural Relevance" were the most frequently discussed themes in both case studies, reflecting the central importance of these factors in the success of intercultural education programs. The Case Study 2 program showed a higher frequency of discussions around "Challenges," suggesting that participants in this program encountered more difficulties in implementation compared to those at the Case Study 1.

6.2 Sentiment Analysis

Sentiment analysis was performed on the coded responses to assess the overall emotional tone expressed by the participants in relation to the various aspects of intercultural education. Responses were categorized as positive, neutral, or negative, and the sentiment scores were averaged for each group.

Table 2. Sentiment Analysis Scores

Note: Sentiment scores range from -1 (very negative) to +1 (very positive).

Theme	Case Study 1 (Average Sentiment Score)	Case Study 2 (Average Sentiment Score)
Cultural Relevance	0.8	0.7
Language Use	0.6	0.5
Community Engagement	0.7	0.6
Outcomes and Impact	0.9	0.8
Challenges	- 0.2	- 0.4

The sentiment analysis revealed that participants generally had positive perceptions of "Cultural Relevance" and "Outcomes and Impact" in both case studies, with UNICH showing slightly higher scores. However, the sentiment around "Challenges" was negative, particularly in the Oaxaca BIE Program, indicating greater frustration and difficulties faced in this setting.

6.3 Content Analysis: Cross-Referencing with Demographic Data

A content analysis was conducted to cross-reference the thematic data with demographic information, such as age, gender, and role (student, teacher, or parent). This helped identify patterns in how different demographic groups perceived the various aspects of intercultural education.

Table 3. Cross-Tabulation of Themes by Role

Role	Cultural Relevance	Language Use	Community Engagement	Outcomes and Impact	Challenges
Student	40%	35%	25%	30%	50%
Teacher	30%	40%	35%	40%	40%
Parents	30%	25%	40%	30%	10%

The cross-tabulation reveals that students were most concerned with "Challenges," reflecting the difficulties they face in navigating bilingual education. Teachers focused more on "Language Use" and "Outcomes," indicating their dual role in both delivering education and assessing its effectiveness. Parents, on the other hand, showed a higher focus on "Community Engagement," emphasizing the importance of the school- community relationship in the success of the programs.

6.4 Correlation Analysis

Correlation analysis was conducted to explore the relationships between various quantitative aspects of the focus group responses and other variables such as participants' backgrounds (e.g., age, role, ethnicity) and their exposure to intercultural education programs.

The frequency of positive statements, the level of engagement during discussions, and other quantified measures were analyzed using Pearson and Spearman correlation coefficients to determine the strength and direction of relationships between these measures and participant demographics or levels of exposure to intercultural education.

Table 4. Pearson Correlation Coefficients

*Note: *p < 0.05, **p < 0.01

Variable	Age	Role	Exposure to Intercultural Education
Frequency of Positive Statements	0.32*	0.45**	0.58**
Level of Engagement	0.25	0.39**	0.65**

The analysis reveals significant positive correlations between exposure to intercultural education and both the frequency of positive statements ($r = 0.58$, $p < 0.01$) and the level of engagement ($r = 0.65$, $p < 0.01$). This indicates that participants who have greater exposure to intercultural education programs tend to express more positive sentiments and are more engaged in discussions. There is also a moderate positive correlation between the participants' roles (e.g., student, teacher) and their engagement level ($r = 0.39$, $p < 0.01$), suggesting that educators may be more engaged due to their direct involvement in implementing these programs.

7 Conclusions, Discussion and Future Research Avenues

The analysis of intercultural education in Mexico reveals significant progress in the integration of cultural and linguistic diversity within the educational framework. The implementation of key reforms, such as the 1994 introduction of intercultural bilingual education and the establishment of the Coordinación General de Educación Intercultural y Bilingüe (CGEIB) in 2001, marked a decisive shift towards inclusivity. These reforms have been instrumental in addressing the historical marginalization of Indigenous populations and promoting equity in education.

The development of intercultural universities, exemplified by Universidad Intercultural de Chiapas, has further advanced this agenda by providing educational opportunities that are congruent with Indigenous cultural identities. However, the success of these initiatives has been uneven, with significant regional disparities and challenges related to resources, teacher training, and community engagement. The case studies indicate that while intercultural education has led to positive outcomes, particularly in cultural preservation and student engagement, ongoing issues such as inadequate resources and inconsistent implementation continue to hinder the full realization of its potential.

Moreover, the role of private institutions, such as Tecnológico de Monterrey and Universidad Iberoamericana, demonstrates the varying approaches to intercultural education. These institutions have contributed to promoting cultural competence and global engagement, yet their impact on social justice and equity remains a subject of debate.

The findings underscore the complexities inherent in the integration of intercultural education within a diverse socio-cultural context like Mexico. The positive correlations between exposure to intercultural education and student engagement, as well as the challenges identified through cluster analysis, suggest that while intercultural education is beneficial, its implementation requires careful consideration of local contexts and resources.

Sentiment analysis revealed that participants generally view intercultural education positively, especially in terms of cultural relevance and outcomes. However, the negative sentiments associated with challenges highlight areas where further support is needed, particularly in bilingual instruction and the availability of culturally relevant materials.

These insights contribute to a broader understanding of how intercultural education can be improved and suggest that future efforts should focus on addressing the disparities in resource allocation and teacher training, as well as fostering greater collaboration between public and private institutions.

Future research should continue to explore the long-term impacts of intercultural education on both students and communities, particularly in regions where these programs have been less successful. Longitudinal studies could provide valuable insights into the sustainability of intercultural education initiatives and their effects on social mobility and cultural preservation.

Additionally, comparative studies between different regions and institutions, including both public and private sectors, could further elucidate the factors that contribute to successful implementation. This research could also benefit from a deeper investigation into the role of digital technologies in enhancing access to intercultural education, especially in remote and underserved areas.

Finally, expanding the scope of research to include a broader range of Indigenous communities and other marginalized groups will be crucial in ensuring that intercultural education continues to evolve in a way that is inclusive, equitable, and responsive to the needs of all students.

These recommendations aim to guide future efforts in strengthening intercultural education in Mexico and beyond, contributing to a more just and culturally diverse educational landscape.

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