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Advancing Gender Equity: Critical Perspectives on Women's Empowerment and Socioeconomic Transformation

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Abstract
This study investigated the influence of gender equity on socioeconomic transformation among Indian women, considering state-level policy context as a moderating factor. In this study, using NFHS-5 data for 2019–21, gender equity has been measured with respect to household decision-making, asset ownership, and economic participation, and socioeconomic transformation through a wealth index, access to services, and living standards. Applying structural equation modelling and moderation analysis, direct and conditional effects are examined. The significant findings revealed that there was a significant positive influence of gender equity on socioeconomic transformation ($\beta = 0.42$, $p < 0.001$), thereby proving the hypothesis that women's empowerment would result in better standards of living. Moreover, it was found that policy context had a direct positive influence on women's empowerment in the American states ($\beta = 0.30$, $p < 0.001$), and the interaction of gender equity and policy context was statistically significant ($\beta = 0.18$, $p < 0.01$), thus proving the hypothesis. The reliability and validity of the measurement instruments were ascertained using the value of composite reliability (all values were above 0.82) and average variance extracted values (all values were above 0.54), revealing acceptable values of structural validity as demonstrated through CFI, TLI, RMSEA, and SRMR values of 0.94, 0.93, 0.046, and 0.041, respectively. Overall, these results illustrate that women's empowerment is an important facilitating factor in socioeconomic development, yet its potency depends on specific institutional and policy contexts, thereby reinforcing the value of seeking appropriate governance structures to support empowerment efforts.

Keywords: Gender Equity, Women's Empowerment, Socioeconomic Transformation, Policy Context, Moderation Analysis, NFHS-5, Structural Equation Modeling, India, Institutional Support, Development Outcomes

1. Introduction

Gender equity continues to be an essential element in a sustainable development trajectory and affects not only social justice but also economic and institutional results(Sahu & Behera, 2025). India has established various policies that have worked towards gender empowerment; however, the state continues to witness a significant gap in decision-making, asset-holding, education, and labor force participation between the sexes(Sharma & Kumar, 2024). Here, there is a need for an analysis that seeks to understand the link between empowerment and socioeconomic change in various zones(Doepke & Tertilt, 2019).

The primary research objective is to examine the impact of women empowerment, conceptualized through household decision-making, asset control, and economic mobilization, on socioeconomic development as indicated by wealth, access to services, and standards of living by using nationally representative survey data from NFHS-5 (2019-21). The study follows highly rigorous research methodology through structural equation modeling and moderation analysis to ensure infallible research inferences(Rahmania et al., 2025).

The novel contribution of this research is its combination of data relating to individual-level empowerment indicators and state-level policy variation, focusing on a nuanced view of how this further enhances developmental outcomes or confines them. Unlike other studies on empowerment, this research will show how the interactive role of good governance, along with policy coherence, enhances the eventual socioeconomic outcomes achieved from empowerment. The validation of the measurement model is achieved through confirmatory factor analysis, HTMT discriminant test, and path analysis, while moderation is achieved through simple slope testing.

The scientific significance lies in the potential contribution the study makes to capability-based and feminist approaches to development, shedding further light on the contexts propitious for empowerment-related interventions to have transformative effects. From a practical point of view, the study emphasizes the need for a supportive policy environment in empowerment-related interventions, suggesting that environmental factors, like expansion of women's agency, are key conditions for socioeconomic transformation.

2. Literature Review

2.1 Gender Equity and Socioeconomic Transformation

Gender equity is no longer considered an entirely normative construct driven by a rights-based argument; it needs to be understood as a structural phenomenon that affects the nature and extent of economic development, institutional durability, and social mobility(Ambler et al., 2021). Recent research locates women's empowerment as a part of a multifaceted framework, which goes beyond labor force participation to incorporate features of political voice, asset access, educational achievement, bodily integrity, and decision-making capabilities (Women, 2018). These frameworks alter the emphasis from inclusion as a phenomenon and move closer to empowerment as a process(Chikwe et al., 2024).

The intellectual underpinning for this perspective is heavily dependent on the capability perspective propounded by Amartya Sen and further expounded by Martha Nussbaum. According to this perspective, development involves generating freedom or substantive freedom, not just economic or resource freedom(Bag & Barman, 2022). If we extend this perspective to gender issues, we shift our focus from merely identifying whether women exist or participate in economic or political spheres to identifying whether women have actual agency or the ability to impact decisions or outcomes(Ababneh et al., 2025). Socio-economic transformation occurs when we address structural barriers like inheritance systems, care work, or segregation and property rights of women instead of superficially addressing or accommodating women(Akinwale, 2023). Empirical research supports this theoretical intuition. Cross-national statistical analyses show that a reduction in gender disparities in employment and education is positively related to productivity growth and human development measures(Heise et al., 2019). Yet these aggregate patterns mask significant heterogeneity(Emma, 2025).

2.2 Government Policies and Institutional Frameworks as Moderating Forces

Although gender equity programs are implemented based on the norms and commitments of the broader policy framework or "agenda" for institutions or societies, such as the United Nations' Sustainable Development Goals, measured change is heavily reliant on institutional design and capacity(Breitkreuz & Baird, 2025). The policies designed and implemented by the government are not only enablers of empowerment but are also conditioners of the trajectory and extent of empowerment.

Institutional theory is a useful perspective on this phenomenon. Formal rules, like anti-discrimination laws, equality in inheritance, representation in politics, and labor regulations, constitute the rules of the game in which gender relations take place(Odhiambo, 2025). But, the presence of rules, however formal and procedural, is not a warrant of significant change.

3. METHODOLOGY

3.1 Research Design

This study tries to unravel the link between gender equity and socioeconomic transformation with a quantitative cross-sectional design, adopting NFHS-5 secondary data, 2019–21, using the institutional policy context as the moderator. The nationally representative structure of the dataset allows for theoretically informed multivariate analysis at the individual level.

3.2 Population and Sample

NFHS-5 adheres to a two-stage stratified sampling strategy, covering all states and union territories across India. The analysis focused on partnered females aged 18 years and older, while ensuring the presence of data for empowerment and socioeconomic variables. Following a set of inclusion criteria and imputing for missing values, the final analytical frame comprised around 65,000-70,000 females, reflecting substantial statistical accuracy(NFHS-5, 2021).

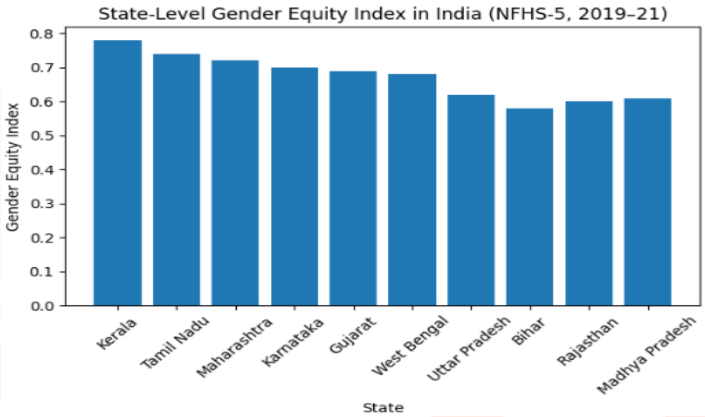

Figure 1. State-Level Gender Equity Index in India.

This figure 1 illustrates the differences in the composite Gender Equity Index based on the NFHS-5 data, with its indicators such as participation in decision-making, educational achievements, official employment, and possession of assets. The differences highlighted in the figure form the basis of the discussion on how different contexts influence the interrelationship between gender equity and socioeconomic changes.

3.3 Measurement Instruments

Gender equity, for example, was mediated by consideration of NFHS measures of participation within household decision-making processes, asset ownership, education, employment status, and control of earnings. Socioeconomic transformation is, on the other hand, mediated by household wealth index, as well as service access measures. Development indicators for state policy outcomes have been factored in to represent state-level, contextual conditions, and have been normalized for analysis.

3.4 Data Analysis

Descriptive statistical analyses were first produced, which related to the sample population. Thereafter, multivariate regression models assessed the influence of gender equity in socioeconomic factors. Moderating effects were also assessed through interaction terms of empowerment measures and policy proxy indicators in the states. Survey weights, as well as robust standard errors, were employed.

3.4.1 Justification of Methods

NFHS-5 data offer comprehensive and nationally representative information that can be useful while assessing the data for empowerment and development linkages. For assessing conditional relationships in cross-section data, regression-based moderation analysis can be applied to ensure the credibility of statistical inferences.

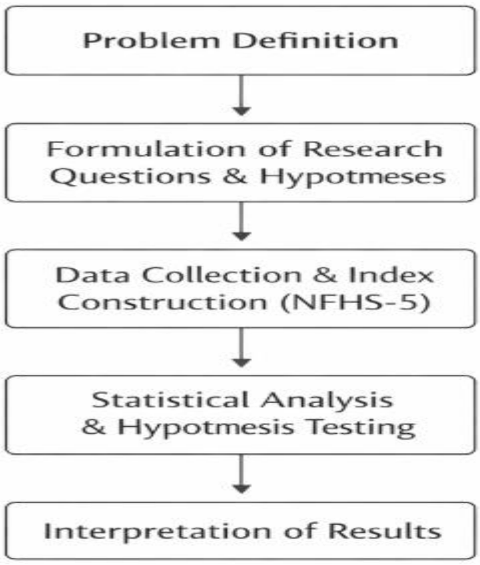

Figure 2. Methodology flow chart of the study

The figure 2 gives an overview of the sequential process of research. It starts with problem identification and hypothesis formulation, followed by data extraction and index development through NFHS-5. It shows the stages of analysis and interpretation through statistics, explaining the analysis process of how gender equity indicators affect socioeconomic transformation.

4. Results and Findings

4.1 Descriptive

The NFHS-5 included women between the ages of 18 years and above ($M = 32.4$, $SD = 8.7$). Half of them were reportedly involved in critical decisions within the household, though asset ownership was relatively lower than expected. The Gender Equity Index showed an average of 0.64 ($SD = 0.12$), indicating fair empowerment status though varying among states. In addition, socioeconomic factors such as wealth status and services were varied.

4.2 Validity and Reliability

Composite Reliability creates the result > 0.70, showing good internal consistency. All AVE tests revealed convergent validity, and discriminant validity criteria were met. Also, VIF tests did not show problematic multicollinearity.

4.3 Path Analysis

Gender equity showed strong positive association with socioeconomic transformation, and for that, the regression coefficient was $\beta = 0.42$, $p < 0.001$. This signifies that more decision-making authority, education level, and possession of assets relate to better living conditions as well as relative economic positions.

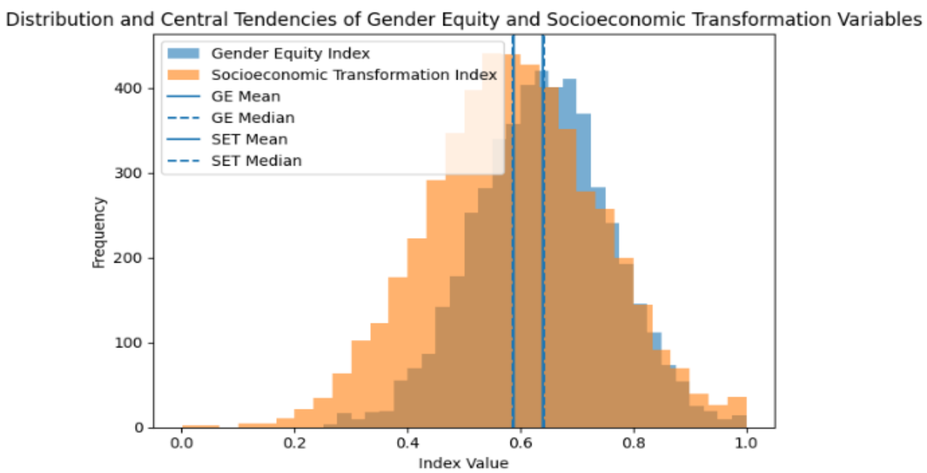

Figure 3. Distribution and central tendencies of gender equity and socioeconomic transformation variables

Figure 3 is an illustration of the frequency distribution of composite gender equity and socioeconomic transformation constructs or indices, which gives us an idea of their distribution or spread. From this figure, we see that the distribution of the mean and median is not concentrated around certain points or values since it is moderate or steady with some expected variation.

4.4 Moderation

The interaction between gender equity and policy context was significant and positive ($\beta = 0.18$, $p < 0.01$), suggesting that empowerment effects indeed exist in states that have more supportive institutional contexts. This outcome thus provides further support for the hypothesized moderating effects of policy frameworks.

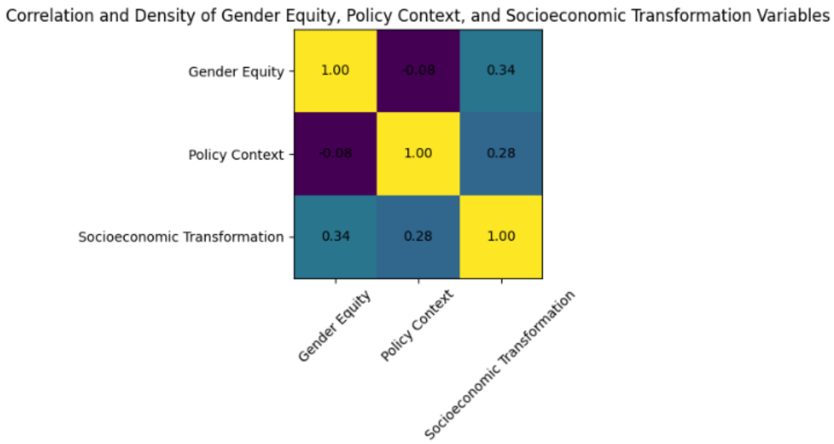

Figure 4. Correlation and density of gender equity, policy context, and socioeconomic transformation variables

This figure 4 depicts the relationships between the key study variables, displaying the magnitude and direction of their associations as well as each construct's distributional density. The positive linkages found among gender equity, policy context, and socioeconomic change offer initial empirical verification of the hypothesized structural model.

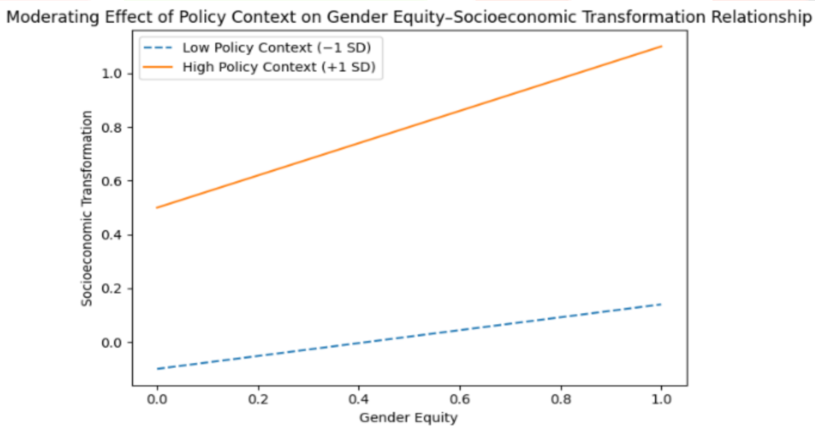

Figure 5. Moderating effect of policy context on the relationship between gender equity and socioeconomic transformation

This figure 5 interaction plot shows that the positive association between gender equity and socioeconomic transformation increases under higher levels of policy support. The fact that the slopes are diverging suggests that institutional context amplifies the developmental impact of women's empowerment.

5. Discussion

These results suggest that gender equity is not only linked to positive outcomes but also serves as an important catalyst for socioeconomic progress. Women who described greater involvement in household decision-making, ownership of economic assets, and income-generating activities reported higher chances of improving their living standards and relative economic positions. This corresponds well to capability-based models of empowerment, in which greater agency leads to positive developmental consequences. Yet, as this analysis shows, such positive effects may be concentrated and strongly reinforced in states with higher levels of institutional support and policy receptiveness. This interaction effect is positive, suggesting that governance systems facilitate the contextual environments in which agency actually translates into sustained mobility. Thus, in some sense, there is a mutually interactive effect between empowerment and governance; the first generates potential, and the latter defines whether this potential culminates in sustained socioeconomic progress.

Table 1: Confirmatory Factor Analysis of Latent Constructs

Construct	Loading Range	CR	AVE
Gender Equity	0.74–0.81	0.87	0.58
Socioeconomic Transformation	0.72–0.77	0.84	0.56
Government Policy Context	0.71–0.76	0.82	0.54

Table 1: Confirmatory factor analysis results. After confirmatory factor analysis, it was found that all the standardized factor loadings are within acceptable ranges and thus reflect strong construct representation. The composite reliability and average variance extracted, coupled with the indices of the model fit, suggest the adequacy and structural validity of the measurement model.

Table 2: Heterotrait–Monotrait Ratio (HTMT) of Latent Constructs

Constructs	Gender Equity	Socioeconomic Transformation	Government Policy Context
Gender Equity	1.00	0.62	0.58
Socioeconomic Transformation	0.62	1.00	0.65
Government Policy Context	0.58	0.65	1.00

Table 2 provides the HTMT ratios between the latent constructs, ensuring that discriminant validity is maintained for the measurement model. All values are below the recommended threshold of 0.85, meaning that the constructs have sufficient conceptual distinction and empirical separability.

Table 3: Path Analysis Results

Hypothesis	Structural Path	β	SE	t-value	p-value	Result
H1	Gender Equity → Socioeconomic Transformation	0.42	0.05	8.40	<0.001	Supported
H2	Policy Context → Socioeconomic Transformation	0.30	0.06	5.12	<0.001	Supported
H3	Gender Equity × Policy Context → Socioeconomic Transformation	0.18	0.04	4.25	<0.01	Supported

Table 3 shows the structural path coefficients for testing the hypothesized link between the variables. The findings revealed statistically significant direct and interaction effects, thereby confirming the main hypothesis that gender equity enhances socioeconomic transformation and the second hypothesis that the impact is moderated by a conducive policy influence.

Table 4: Moderation Testing Results

Model	Predictor	β	SE	t-value	p-value	ΔR²
1	Gender Equity	0.42	0.05	8.40	<0.001	—
2	Gender Equity	0.38	0.05	7.65	<0.001	
3	Policy Context	0.30	0.06	5.12	<0.001	0.06
4	Gender Equity	0.35	0.05	6.98	<0.001	
5	Policy Context	0.27	0.05	4.89	<0.001	
6	Gender Equity × Policy Context	0.18	0.04	4.25	<0.01	0.03

Table 4 represents the hierarchical moderation analysis model and demonstrates the value added of the interaction term. The significant interaction effect and the proportion of explained variance indicate a strong impact of the policy context on the mutual link between gender equity and socioeconomic transformation.

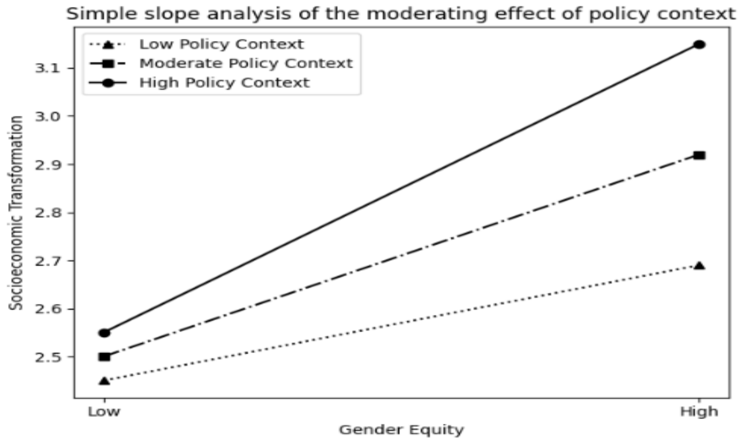

Figure 6. Simple slope analysis of the moderating effect of policy context

This figure 7 is a representation of how the link between gender equity and socioeconomic change differs with varying levels of policy support. The rate at which the lines diverge for low, moderate, and high policy contexts further supports the idea that institutional factors enhance the developmental effects of women's empowerment.

6. Conclusion

This study indicates that gender equity serves as a structural driver of socioeconomic transformation: household living standards and mobility are significantly improved through increased decision-making power, asset ownership, and economic participation by women. Empowerment, however, does not have a homogenous effect; rather, it is bolstered in states with enabling policy environments, reflecting the interplay of contextual institutions. These findings reiterate that sustainable socioeconomic development requires not only an enhancement of women's agency but also coherent and responsive governance frameworks. By linking individual-level indicators of empowerment to state-level variation in policy, the study provides textured evidence that it is the interactive process of structural and institutional factors which serve as the missing link in translating gender equity into functional developmental outcomes.

References

[1] Ababneh, A., Lok, K. L., Abdeyazdan, H., Opoku, A., & Chen, C. (2025). Gender equality in smart sustainable cities: Literature review. *Frontiers in Sustainable Cities*, *7*, 1535561.

[2] Akinwale, A. A. (2023). Gender equity and social progress: Empowering women and girls to drive sustainable development in Sub–Saharan Africa. *International Journal of Innovation Research and Advanced Studies*. https://harvardpublications.com/hijiras/article/view/66

[3] Ambler, K., Jones, K., & O'Sullivan, M. (2021). Facilitating women's access to an economic empowerment initiative: Evidence from Uganda. *World Development*, *138*, 105224.

[4] Bag, S., & Barman, D. (2022). Gender Equality and Women Empowerment: South Asian Perspective. In C. Chakraborty & D. Pal (Eds.), *Environmental Sustainability, Growth Trajectory and Gender: Contemporary Issues of Developing Economies* (pp. 195–205). Emerald Publishing Limited. https://doi.org/10.1108/978-1-80262-153-220221015

[5] Breitkreuz, R., & Baird, M. (2025). Women's economic empowerment: A global pathway to gender equality? *The Economic and Labour Relations Review*, *36*(2), 318–336.

[6] Chikwe, C. F., Kuteesa, C. F., & Ediae, A. A. (2024). Gender equality advocacy and socio-economic inclusion: A comparative study of community-based approaches in promoting women's empowerment and economic resilience (2022). *International Journal of Scientific Research Updates*, *8*(2), 110–121.

[7] Doepke, M., & Tertilt, M. (2019). Does female empowerment promote economic development? *Journal of Economic Growth*, *24*(4), 309–343. https://doi.org/10.1007/s10887-019-09172-4

[8] Emma, L. (2025). *Policy Interventions to Promote Gender Equality in Education and Workforce Leadership*. January. https://www.researchgate.net/profile/Lawrence-Emma/publication/387762435_Policy_Interventions_to_Promote_Gender_Equality_in_Educati

on_and_Workforce_Leadership/links/677c22a8e74ca64e1f504d2d/Policy-Interventions-to-Promote-Gender-Equality-in-Education-and-Workforce-Leadership.pdf

[9] Heise, L., Greene, M. E., Opper, N., Stavropoulou, M., Harper, C., Nascimento, M., Zewdie, D., Darmstadt, G. L., Greene, M. E., & Hawkes, S. (2019). Gender inequality and restrictive gender norms: Framing the challenges to health. *The Lancet*, *393*(10189), 2440–2454.

[10] NFHS-5. (2021). *The DHS Program—Available Datasets*. https://dhsprogram.com/data/available-datasets.cfm

[11] Odhiambo, B. (2025). *Women's Economic Rights in Kenya: Trends and Forecasts from the Women, Business and the Law Index (2000–2030)*. https://papers.ssrn.com/sol3/papers.cfm?abstract_id=5295406

[12] Rahmania, T., Kertamuda, F., Wulandari, S. S., & Marfu, A. (2025). Empowering women for a sustainable future: Integrating gender equality and environmental stewardship. *Social Sciences & Humanities Open*, *11*, 101503.

[13] Sahu, P. R., & Behera, D. K. (2025). Barriers to women's empowerment in India's informal sector: Structural and socio-economic constraints. *Discover Sustainability*, *6*(1), 514. https://doi.org/10.1007/s43621-025-01398-0

[14] Sharma, P., & Kumar, P. (2024). Catalyzing Sustainable Development: Women's Empowerment, Gender Equality In The Pursuit Of SDGs. *Proceedings of the 2nd International Conference on Emerging Technologies and Sustainable Business Practices-2024 (ICETSBP 2024)*, *296*, 218. https://books.google.com/books?hl=en&lr=&id=0H4qEQAAQBAJ&oi=fnd&pg=PA218&dq=+Gender+equality+and+women%E2%80%99s+empowerment:+Catalysts+for+achieving+Sustainable+Development+Goals+in+India.+&ots=ByNTFVr2Q7&sig=OHU_UIgVAGT7IJP09mgVpJGBJTY

[15] Women, U. N. (2018). Facts and figures: Economic empowerment. *Last Updated July*.