# Globalisation and female economic participation in sub-Saharan Africa



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# **Abstract**

This study assesses the relationship between globalisation and the economic participation of women (EPW) in 47 Sub-Saharan African countries for the period 1990–2013. EPW is measured with the female labour force participation and employment rates. The empirical evidence is based on panel-corrected standard errors and fixed effects regressions. The findings show that the positive effect of the overall globalisation index on EPW is dampened by its political component and driven by its economic and social components, with a higher positive magnitude from the former or economic globalisation. For the most part, the findings are robust to the control for several structural and institutional characteristics. An extended analysis by unbundling globalisation shows that the positive incidence of social globalisation is driven by information flow (compared to personal contact and cultural proximity) while the positive effect

of economic globalisation is driven by actual flows (relative to restrictions). Policy implications are discussed with some emphasis on how to elevate women's social status and potentially reduce their victimisation to male dominance.

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# **Notes**

- 1. The term vulnerable is employed because of the concerns that may limit access to mainstream economic systems by specific factions of the population, which include: traditions, customs and other issues of structural nature.
- 2. The two indicators (female labour force participation and female unemployment rate) measure different aspects of EPW. The first measure considers the participation rate of women in the labour force, while the second measure considers the unemployment rate. The pairwise correlation between these two variables shows about 40 percent percentage association.
- 3. The 47 countries include: "Angola, Benin, Botswana, Burundi, Cameroon, Cape Verde, Central African Republic, Chad, Comoros, Congo Democratic Republic, Congo Republic, Côte d'Ivoire, Djibouti, Equatorial Guinea, Eritrea, Ethiopia, Gabon, Gambia, Ghana, Guinea, Guinea-Bissau, Kenya, Lesotho, Liberia, Madagascar, Malawi, Mali, Mauritania, Mauritius, Mozambique, Namibia, Niger, Nigeria, Rwanda, Sao Tome & Principe, Senegal, Seychelles, Sierra Leone, Somalia, South Africa, Sudan, Swaziland, Tanzania, Togo, Uganda, Zambia and Zimbabwe".
- 4. Instead, the Hadi technique suggests that KOF indexes are collineared. Hence, we estimated the regression by including each of the indexes one at a time.
- 5. See Tseloni et al. [71] for further discussion on the negative relationship between democracy and women economic participation.
- 6. Since this variable consistently remained non-significant across the estimations in Tables 4.1 and 4.2.
- 7. In terms of trade, foreign direct investment, portfolio investment and income payments to foreign nationals.
- 8. Such as telephone traffic, transfers, international tourism, foreign population and international letters per capita.

# References

1. African Economic Research Consortium (AERC). (2014). *Youth employment: Opportunities and challenges*. 40th plenary session of the AERC's biannual research workshop, Lusaka, Zambia (November, 30th). <a href="http://aercafrica.org/index.php/news-">http://aercafrica.org/index.php/news-</a>

<u>events/212-aerc-biannual-workshop-climate-change-andeconomic-development-2</u>. Accessed 06/01/2015.

2. Ali, D. A., Deininger, K., & Goldstein, M. (2014). Environmental and gender impacts of land tenure regularization in Africa: Pilot evidence from Rwanda. *Journal of Development Economics*, 110, 262–275.

# **Article Google Scholar**

3. Asiedu, E., Jin, Y., & Kanyama, I. K. (2015). The impact of HIV/AIDS on foreign direct investment: Evidence from Sub-Saharan Africa. *Journal of African Trade*, 2(1–2), 1–17.

# **Article Google Scholar**

4. Asongu, S. A. (2013). Globalization and Africa: Implications for human development. *International Journal of Development Issues*, *12*(3), 213–238.

# **Article Google Scholar**

5. Asongu, S. A. (2013). How would population growth affect investment in the future? Asymmetric panel causality evidence for Africa. *African Development Review*, 25(1), 14–29.

# **Article Google Scholar**

6. Asongu, S. A. (2014). Globalization (fighting), corruption and development: How are these phenomena linearly and nonlinearly related in wealth effects? *Journal of Economic Studies*, *41*(3), 346–369.

# **Article Google Scholar**

7. Asongu, S. A. (2015). On taxation, political accountability and foreign aid: Empirics to a celebrated literature. *South African Journal of Economics*, 83(2), 180–198.

# **Article Google Scholar**

8. Asongu, S. A., & le Roux, S. (2017). Enhancing ICT for inclusive human development in Sub-Saharan Africa. *Technological Forecasting and Social Change*, 118, 44–54.

# **Article Google Scholar**

9. Asongu, S. A., & Nwachukwu, J. C. (2016). Rational asymmetric development, piketty and poverty in Africa. *European Journal of Comparative Economics*, 13(2), 221–246.

### **Google Scholar**

10. Asongu, S. A., & Nwachukwu, J. C. (2016). Law, politics and the quality of government in Africa. *Politics & Policy*, 44(5), 916–944.

# **Article Google Scholar**

- 11. Asongu, S. A., & Nwachuwku, J. C. (2016c). Transfer mispricing as an argument for corporate social responsibility. African Governance and Development Institute working paper No. 16/031, Yaoundé.
- 12. Asongu, S. A., & Nwachukwu, J. C. (2017). The comparative inclusive human development of globalisation in Africa. *Social Indicators Research*, 134(3), 1027–1050.

# **Article Google Scholar**

13. Asongu, S. A., & Odhiambo, N. M. (2018). ICT, financial access and gender inclusion in the formal economic sector: Evidence from Africa. *African Finance Journal*, 20(2), 46–66.

# **Google Scholar**

14. Asongu, S. A., & Odhiambo, N. M. (2019). Challenges of doing business in Africa: A systematic review. *Journal of African Business*, *I*, 1. https://doi.org/10.1080/15228916.2019.1582294.

# **Article Google Scholar**

15. Atkinson, A. B., Piketty, T., & Saez, E. (2011). Top incomes in the long run of history. *Journal of Economics Literature*, 49(1), 3–71.

# **Article Google Scholar**

16. Azzimonti, M., De Francisco, E., & Quadrini, V. (2014). Financial globalisation, inequality and the rising public debt. *American Economic Review*, 104(8), 2267–2302.

# **Article Google Scholar**

17. Beck, N., & Katz, J. N. (1995). What to do (and not to do) with time-series cross-section data. *American Political Science Review*, 89(3), 634–647.

# **Article Google Scholar**

18. Berggren, N., & Nilsson, T. (2015). Globalization and the transmission of social values: The case of tolerance. *Journal of Comparative Economics*, 43(2), 371–389.

#### **Article Google Scholar**

19. Bergh, A., & Nilsson, T. (2010). Good for living? On the relationship between globalization and life expectancy. *World Development*, *38*(9), 1191–1203.

20. Bloom, D. E., Canning, D., Fink, G., & Finlay, J. E. (2009). Fertility, female labor force participation, and the demographic dividend. *Journal of Economic Growth*, *14*(2), 79–101.

# **Article Google Scholar**

21. Brixiová, Z., Ncube, N., & Bicaba, Z. (2015). Skills and youth entrepreneurship in Africa: Analysis with evidence from Swaziland. *World Development*, 67(C), 11–26.

# **Article Google Scholar**

- 22. Chang, H.-J. (2008). Bad Samaritans: The myth of free trade and the secret history of capitalism. Bloomsbury Press; Reprint edition. December 23, 2008.
- 23. Chiongson, R. A., Desai, D., Marchiori, T., &Woolcock, M. (2012). Role of law and justice in achieving gender equality. World Development Report 2012: Gender Equality and Development Background Paper. Washington: World Bank. Retrieved from <a href="http://siteresources.worldbank.org/INTWDR2012/Resources/7778105-1299699968583/7786210-1322671773271/Chiongson-law-and-justice.pdf">http://siteresources.worldbank.org/INTWDR2012/Resources/7778105-1299699968583/7786210-1322671773271/Chiongson-law-and-justice.pdf</a>. Accessed 08/01/2017.
- 24. Cipollone, A., Patacchini, E., & Vallanti, G. (2012). Women labor market performance in Europe: Trends and shaping factors. Brussels: Centre for European Policy Studies.

# Google Scholar

- 25. Diaz-Bonilla, E. (2015). *Macroeconomics, agriculture, and food security: A guide to policy analysis in developing countries*. Washington: International Food Policy Research Institute.
- 26. Doss, C., Meinzen-Dick, R., & Bomuhangi, A. (2014). Who owns the land? Perspectives from rural ugandans and implications for large-scale land acquisitions. *Feminist Economics*, 20(1), 76–100.

# Article Google Scholar

- 27. Dreher, A., Gaston, N., & Martens, P. (2008). *Measuring globalisation—gauging its consequences*. New York: Springer.
- 28. Eckstein, Z., & Lifshitz, O. (2011). Dynamic female labor supply. *Econometrica*, 79(6), 1675–1726.

# **Article Google Scholar**

29. Efobi, U., Tanankem, B., & Asongu, S. (2018). Female economic participation with information and communication technology advancement: Evidence from Sub-Saharan Africa. *South African Journal of Economics*, 86(2), 231–246.

# **Article Google Scholar**

30. Ejemeyovwi, J. O., Osabuohien, E. S., & Osabohien, R. (2018). ICT investments, human capital development and institutions in ECOWAS. *International Journal of Economics and Business Research*, 15(4), 463–474.

# **Article Google Scholar**

31. Ellis, A., Blackden, M., Cutura, J., MacCulloch, F., & Seebens, H. (2007). *Gender and economic growth in Tanzania: Creating opportunities for women*. Washington: The WorldBank.

# Google Scholar

- 32. Elu, J., & Loubert, L. (2013). Earnings inequality and the intersectionality of gender and ethnicity in Sub Saharan Africa: The case of Tanzanian manufacturing. *American Economic Review*. Papers and Proceedings 04/2013, 103(103), 289–292.
- 33. Feng, J., & Yuan, J. (2016). Effect of technology innovation and spillovers on the carbon intensity of human well-being. *Springer Plus*.

  Accessed <a href="http://springerplus.springeropen.com/articles/10.1186/s40064-016-1984-0">http://springerplus.springeropen.com/articles/10.1186/s40064-016-1984-0</a>.
- 34. Food and Agricultural Organization FAO. (2011). Women in agriculture: Closing the GenderGap for development. Rome: FAO.

# **Google Scholar**

35. Fosu, A. K. (2015). Growth, inequality and poverty in Sub-Saharan Africa: Recent progress in a global context. *Oxford Development Studies*, 43(1), 44–59.

# Article Google Scholar

- 36. Gargouri, I., & Keantini, M. (2016). The determinants of public debt. *The Romanian Economic Journal*, *XVIII*(59). Retrieved <a href="http://www.rejournal.eu/sites/rejournal.versatech.ro/files/articole/2016-03-30/3346/7majdiksantini.pdf">http://www.rejournal.eu/sites/rejournal.versatech.ro/files/articole/2016-03-30/3346/7majdiksantini.pdf</a>.
- 37. Goryakin, Y., Lobstein, T., James, W. P. T., & Suhrcke, M. (2015). The impact of economic, political and social globalization on overweight and obesity in the 56 low and middle income countries. *Social Science and Medicine*, 133, 67–76.

#### Article Google Scholar

38. Gui-Diby, S. L., & Renard, M. (2015). Foreign direct investment inflows and the industrialization of African countries. *World Development*, 74, 43–57.

39. Hazel, M. (2010). Poverty among women in Sub-Saharan Africa: A review of selected issues. *Journal of International Women's Studies*, 11(4), 50–72.

# Google Scholar

40. Karakara, A. A., & Osabuohien, E. (2019). Households' ICT access and bank patronage in West Africa: Empirical insights from Burkina Faso and Ghana. *Technology in Society*, 56, 116–125.

# **Article Google Scholar**

41. Kenneth, R., & Himes, O. F. M. (2008). Globalization with a human face: Catholic social teaching and globalization. *Theological Studies*, 69(2), 269–289.

# **Article Google Scholar**

42. Kose, M. A., Prasad, E. S., Rogoff, K., & Wei, S. J. (2006). Financial globalization: A reappraisal. *IMF Staff Papers*, 56(1), 8–62.

# Article Google Scholar

43. Kose, M. A., Prasad, E. S., & Taylor, A. D. (2011). Threshold in the process of international financial integration. *Journal of International Money and Finance*, 30(1), 147–179.

# **Article Google Scholar**

44. Kuada, J. (2015). Private enterprise-led economic development. In J. Kuada (Ed.), *Sub-Saharan Africa the human side of growth*. New York: Palgrave Macmillan.

#### **Google Scholar**

45. Luo, C., Yang, X., Li, S., & Feldman, M. W. (2017). Love or bread? What determines subjective wellbeing among left-behind women in rural China? *Gender Issues*, 34(1), 23–43.

# **Article Google Scholar**

46. Marquez, B. A. (2017). The effects of hacienda culture on the gendered division of labor within the Charro Community. *Gender Issues*, 34(1), 3–22.

#### Article Google Scholar

47. Mishra, V., & Smyth, R. (2010). Female labor force participation and total fertility rates in the OECD: New evidence from panel co-integration and granger causality testing. *Journal of Economics and Business*, 62(1), 48–64.

48. Mlachila, M., Tapsoba, R., & Tapsoba, S. J. A. (2017). A quality of growth index for developing countries: A proposal. *Social Indicators Research*, 134(2), 675–710.

# **Article Google Scholar**

49. Moras, A. (2017). "This should be my responsibility": Gender, guilt, privilege and paid domestic work. *Gender Issues*, 34(1), 44–66.

# **Article Google Scholar**

- 50. Mshomba, R. E. (2011). *Africa and the World Trade Organization*. Cambridge University Press; Reprint edition. February 21, 2011.
- 51. Mutopo, P., Chiweshe, M. K., & Mubaya, C. P. (2015). Large-scale land acquisitions, livelihoods, and gender configurations in Zimbabwe. In E. Osabuohien (Ed.), *Handbook of research on in-country determinants and implications of foreign land acquisitions* (pp. 130–144). Hershey, PA: Business Science Reference.

# **Chapter Google Scholar**

- 52. Nkurunziza, M. (2018). Sub-Saharan Africa, losing \$2.5 trillion due to gender inequality—World Bank. The New Times. <a href="https://www.newtimes.co.rw/business/sub-saharan-africa-losing-25-trillion-due-gender-inequality-world-bank">https://www.newtimes.co.rw/business/sub-saharan-africa-losing-25-trillion-due-gender-inequality-world-bank</a>. Accessed 01/01/2018.
- 53. Obeng-Odoom, F. (2013). Africa's failed economic development trajectory: A critique. *African Review of Economics and Finance*, 4(2), 151–175.

#### **Google Scholar**

54. Obeng-Odoom, F. (2015). Africa: On the rise, but to where? *Forum for Social Economics*, 44(3), 234–250.

# **Article Google Scholar**

55. Osabuohien, E., & Karakara, A. A. (2018). ICT usage, mobile money and financial access of women in Ghana. *Africagrowth Agenda Journal*, 15(1), 14–18.

### Google Scholar

56. Osabuohien, E., Efobi, U. R., Herrmann, R., & Gitau, C. M. (2019). Female labor outcomes and large-scale agricultural land investments: Macro-micro evidence from Tanzania. *Land Use Policy*, 82, 716–728.

# **Article Google Scholar**

57. Piketty, T. (2014). *Capital in the twenty first century*. Cambridge: Harvard University Press.

# **Book Google Scholar**

58. Price, G. N., & Elu, J. U. (2014). Does regional currency integration ameliorate global macroeconomic shocks in sub-Saharan Africa? The case of the 2008–2009 global financial crisis. *Journal of Economic Studies*, 41(5), 737–750.

# **Article Google Scholar**

- 59. Ramani, S. V., Thurupalli, A., Medovarszki, T., Chattopadhyay, S., & Ravichandran, V. (2013). *Women in the informal economy: Experiments in governance from emerging countries*. United Nations United Nations University Policy Brief Nos. 5, 2013, Tokyo.
- 60. Reed, W., & Webb, R. (2010). The PCSE estimator is good—just not as good as you think. *Journal of Time Series Econometrics*, 2(1), 1–26.

# **Article Google Scholar**

61. Rice, L., & Barth, J. M. (2017). A tale of two gender roles: The effects of implicit and explicit gender role traditionalism and occupational stereotype on hiring decisions. *Gender Issues*, 34(1), 86–102.

# **Article Google Scholar**

62. Signorelli, M., Choudhry, M., & Marelli, E. (2012). The impact of financial crises on female labour. *European Journal of Development Research*, 24(3), 413–433.

# **Article Google Scholar**

- 63. Steinberg, C., & Nakane, M. (2012). *Can women save Japan?* IMF working paper No. 12/24, Washington.
- 64. Stiglitz, J. E. (2007). *Making globalization work*. W. W. Norton & Company; Reprint edition. September 17, 2007.
- 65. Tandon, N., & Wegerif, M. (2013). Promises, power and poverty: Corporate land deals and rural women in Africa. *OXFAM Policy Brief*, 170(9), 1–26.

#### Google Scholar

66. Tchamyou, V. S. (2017). The role of knowledge economy in African business. *Journal of the Knowledge Economy*, 8(4), 1189–1228.

#### Article Google Scholar

67. Tchamyou, V. S. (2019). Education, lifelong learning, inequality and financial access: Evidence from African countries. *Contemporary Social Science*, *I*, 1. https://doi.org/10.1080/21582041.2018.1433314.

68. Tchamyou, V. S. (2019). The role of information sharing in modulating the effect of financial access on inequality. *Journal of African Business*. https://doi.org/10.1080/15228916.2019.1584262.

# Article Google Scholar

69. Tchamyou, V. S., Erreygers, G., & Cassimon, D. (2019). Inequality, ICT and financial access in Africa. *Technological Forecasting and Social Change*, 139, 169–184.

# **Article Google Scholar**

70. Tseloni, A., Tsoukis, C., & Emmanouilides, C. (2011). Globalization, development, and gender inequality across the world: A multivariate multilevel approach. *Quantitative and Qualitative Analysis in Social Sciences*, 5(1), 1–25.

# Google Scholar

71. Uduji, J. I., & Okolo-Obasi, E. N. (2018). Young rural women's participation in the ewallet programme and usage intensity of modern agricultural inputs in Nigeria. *Gender, Technology and Development*, 22(1), 59–81.

# **Article Google Scholar**

72. Uduji, J. I., & Okolo-Obasi, E. N. (2019). Does corporate social responsibility (CSR) impact on development of women in small-scale fisheries of sub-Saharan Africa? Evidence from coastal communities of Niger Delta in Nigeria. *Marine Policy*. https://doi.org/10.1016/j.marpol.2018.10.036.

#### **Article Google Scholar**

73. Uduji, J. I., & Okolo-Obasi, E. N. (2019). Corporate social responsibility initiatives in Nigeria and rural women livestock keepers in oil host communities. *Social Responsibility Journal*. https://doi.org/10.1108/SRJ-01-2018-0025.

# **Article Google Scholar**

74. UNIDO. (2013). *Industrial development report 2013. Sustaining employment growth: The role of manufacturing and structural change.* Vienna: UNIDO.

#### Google Scholar

75. United Nations. (2009). Worlds population prospects. New York: United Nations.

#### **Google Scholar**

76. United Nations. (2013). A new global partnership: Eradicate poverty and transform economies through sustainable development. The report of the high-level panel of eminent persons on the post-2015 development

- agenda. <a href="http://www.un.org/sg/management/pdf/HLP\_P2015\_Report.pdf">http://www.un.org/sg/management/pdf/HLP\_P2015\_Report.pdf</a>. Accessed 07/12/2014.
- 77. Vancil-Leap, A. (2017). Resistance and adherence to the gendered representations of school lunch ladies. *Gender Issues*, 34(1), 67–85.

# **Article Google Scholar**

- 78. World Bank. (2016). World development indicators. Washington: World Bank.
- 79. World Bank. (2018). Globally, countries lose \$160 trillion in wealth due to earnings gaps between women and men. The World Bank. <a href="https://www.worldbank.org/en/news/press-release/2018/05/30/globally-countries-lose-160-trillion-in-wealth-due-to-earnings-gaps-between-women-and-men">https://www.worldbank.org/en/news/press-release/2018/05/30/globally-countries-lose-160-trillion-in-wealth-due-to-earnings-gaps-between-women-and-men</a>. Accessed 03/01/2018.

#### **Download references**

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#### Contributions

SAA participated in the writing of the manuscript and data analysis. URF participated in the writing of the manuscript and data analysis. BVT participated in the writing of the manuscript and data analysis. ESO participated in the revision of the manuscript. All authors read and approved the final manuscript.

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# **Ethics declarations**

#### Conflict of interest

The authors have no financial nor non-financial competing interests.

# **Availability of Supporting Data**

The data for this paper is available upon request.

# **Human and Animal Rights**

This article does not contain any studies with human participants or animals performed by the authors.

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# **Appendix**

# **Appendix**

See Tables  $\frac{7}{2}$  and  $\frac{8}{2}$ .

**Table 7 List of sampled countries** 

Full size table

**Table 8 Pairwise correlation** 

Full size table

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