

# An Intra-class Correlation Analysis of the Impact of COVID-19 on Small-Scale Business Performance in Lagos

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## Abstract

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COVID has affected the performance of small-scale businesses in Lagos positively and negatively. The purpose of this research work is to investigate the impact of COVID on the performance of small-scale businesses in Lagos. One of the contributions of this research work is the bringing together, the concepts of the impact of COVID, and Nigeria's economy in the context of small-scale businesses in Lagos. 24 research cluster groups from academia's and Lagos small-scale business organizations partook in the quantitative research study that made use of focus group discussions for data collection that was analyzed through content analysis and reliability of inter-rater. The finding is that COVID has impacted small-scale businesses in Lagos negatively. This research work provides recommendations for Lagos state government and the federal government of Nigeria.

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## References

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- Adiyoh, I. S., Ze, T., Tougem, T. O., & Dalibi, S. G. (2020). Effect of COVID-19 pandemic on small and medium scale businesses in Nigeria. *International Journal of Research Publications*, 56(1), 122–129. <https://doi.org/10.47119/ijrp100561720201305>

- Anyanwu, C. (2021). Nollywood and the national question. *Quarterly Review of Film and Video*, 0(0), 1–16. <https://doi.org/10.1080/10509208.2021.1881398>
- Aref-Adib, C., & Martin, S. (2020). Economic impacts of and policy responses to the coronavirus pandemic : Early evidence from Nigeria Camron Aref-Adib and Sarah Martin Key messages. *Supporting Economic Transformation*, 2019(February), 1–2.

### [Google Scholar](#)

- Casimir, G., Tobi, H., & Tamás, P. A. (2021). How to present the analysis of qualitative data within interdisciplinary studies for readers in the life and natural sciences. *Quality and Quantity*, 0123456789. <https://doi.org/10.1007/s11135-021-01162-2>
- Dan-Nwafor, C., Ochu, C. L., Elimian, K., Oladejo, J., Ilori, E., Umeokonkwo, C., Steinhardt, L., Igumbor, E., Wagai, J., Okwor, T., Aderinola, O., Mba, N., Hassan, A., Dalhat, M., Jinadu, K., Badaru, S., Arinze, C., Jafiyá, A., Disu, Y., ... & Ihekweazu, C. (2020). Nigeria’s public health response to the COVID-19 pandemic: January to May 2020. *Journal of Global Health*, 10(2). <https://doi.org/10.7189/JOGH.10.020399>
- Ibidunni, A. S., Ogundana, O. M., & Okonkwo, A. (2021). Entrepreneurial competencies and the performance of informal SMEs: The contingent role of business environment. *Journal of African Business*, 22(4), 468–490. <https://doi.org/10.1080/15228916.2021.1874784>

### [Article Google Scholar](#)

- Nadia J. S., Sheharyar, T., Zafar, F., & Ganaie, M. A. (2021). Impact of COVID-19 on SMEs survey report. *SMEDA Survey Report*, 19(February). <https://doi.org/10.13140/RG.2.2.21236.09607>
- Onakoya, A. B. O., Fasanya, I. O., & Abdulrahman, H. D. (2013). *Small and Medium Scale Enterprises Financing and Economic Growth in Nigeria*, 5(4), 130–136.

### [Google Scholar](#)

- Oyewale, A., Adebayo, O., & Kehinde, O. (2020). Estimating the impact of COVID-19 on small and medium scale enterprise : Evidence from Nigeria. *Economics Research Branch, Agri-Food and Biosciences Institute*, 1(1), 1–19.

### [Google Scholar](#)

- Richard, B., Sivo, S. A., Orlowski, M., Ford, R. C., Murphy, J., Boote, D. N., & Witta, E. L. (2021). Qualitative research via focus groups: Will going online affect the diversity of your findings? *Cornell Hospitality Quarterly*, 62(1), 32–45. <https://doi.org/10.1177/1938965520967769>

### [Article Google Scholar](#)

- Sewpersad, R., Ruggunan, S., Adam, J. K., & Krishna, S. B. N. (2019). The impact of the psychological contract on academics. *SAGE Open*, 9(2). <https://doi.org/10.1177/2158244019840122>

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## Ethics declarations

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### Competing Interests

The authors declare no competing interests.

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## Appendix

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### Appendix

1. (I)

How does COVID affect registered and unregistered small-scale businesses in Lagos State?

2. (II)

In what ways has COVID affected registered and unregistered small-scale businesses in Lagos State?

3. (III)

How have registered and unregistered small-scale businesses in Lagos State performed during COVID?

4. (IV)

What was the coping strategy of small-scale businesses in Lagos during COVID?

5. (V)

How have the coping strategies of small-scale businesses in Lagos helped their organizations to survive COVID pandemic?

6. (VI)

How have the coping strategies affected the performance of small-scale businesses in Lagos during COVID?

7. (VII)

What ways did the government support small-scale businesses in Lagos State COVID?

8. (VIII)

How did the government support small-scale businesses in Lagos during the pandemic?

9. (IX)

How has government support affected small-scale business performance in Lagos during COVID?

10. (X)

How has policymakers supported small-scale business in Lagos during COVID?

11. (XI)

What roles did policymakers in Lagos State play in helping small-scale businesses survive COVID pandemic?

12. (XII)

What decisions must policymakers make in aiding and supporting small-scale businesses in Lagos state to survive post-COVID?

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