



COVID-19 lockdowns: Linkages between lockdown-induced employment disruptions, water access and hygiene practices in informal settlements of Nairobi

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Water International >
Volume 45, 2020 - Issue 5

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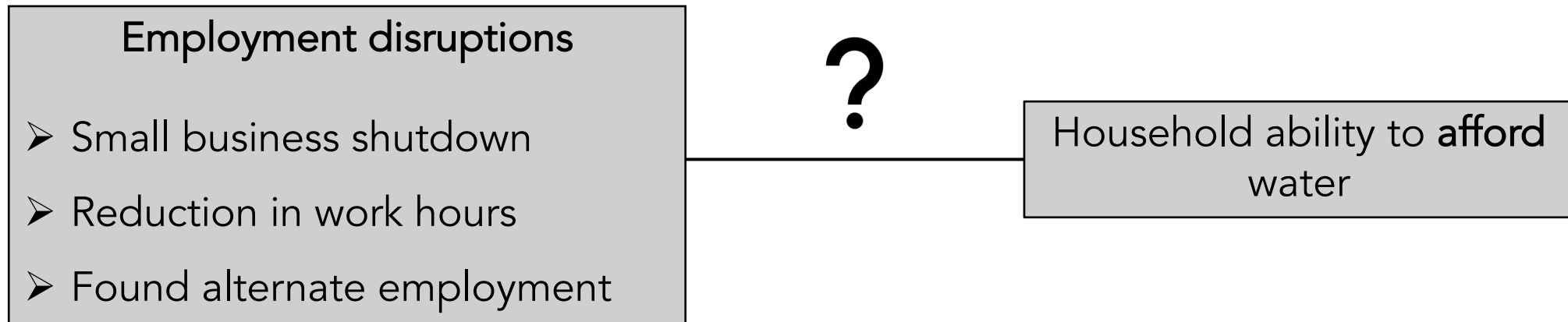
Justin Stoler^{1,2}, Wendy E Jepson³, Amber Wutich⁴

VIEWPOINTS



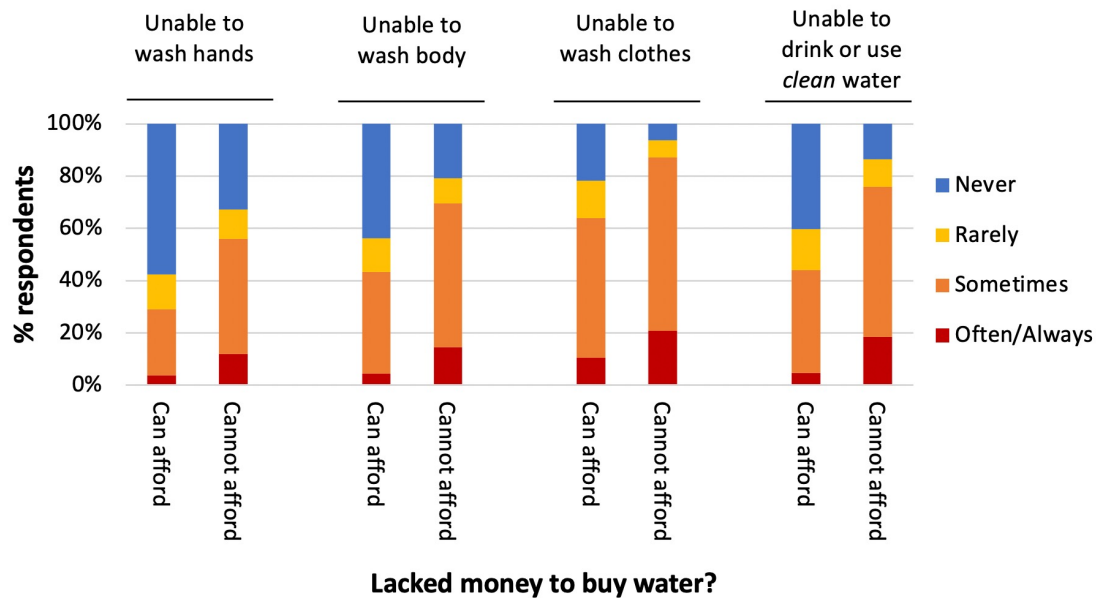
Formal water sources (4%)	Informal water sources (96%)
Kiosks maintained by community youth group	Tap-points on road transects
Kiosks maintained by NGOs	Tanker-trucks
Government boreholes	Yard shared tap-points

What was the relationship between employment disruptions during the first lockdown period (April - June 2020) and household ability to afford water?

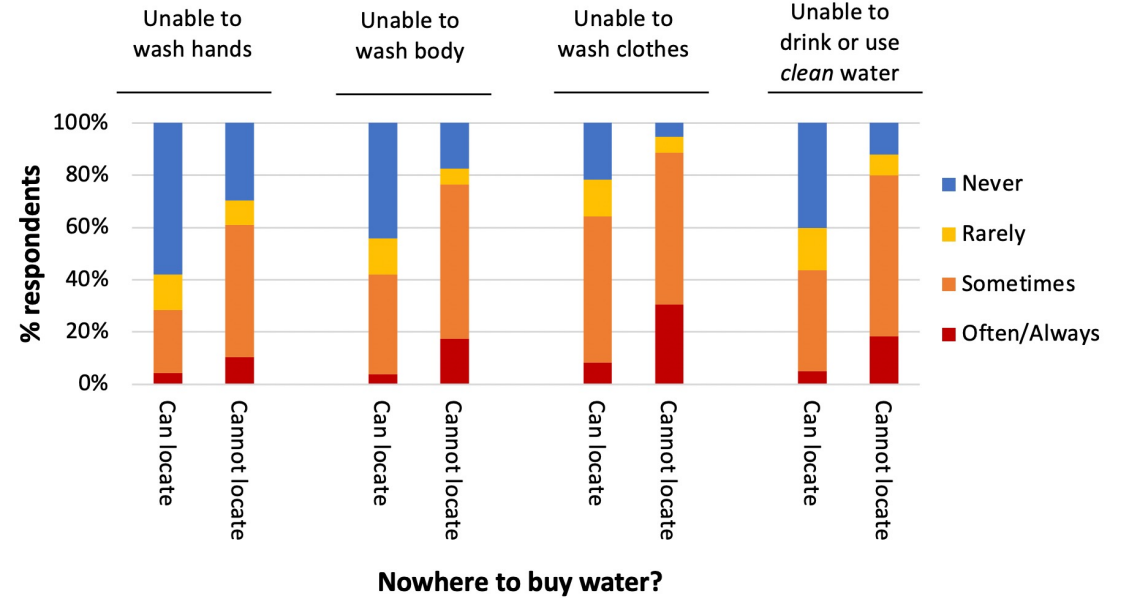


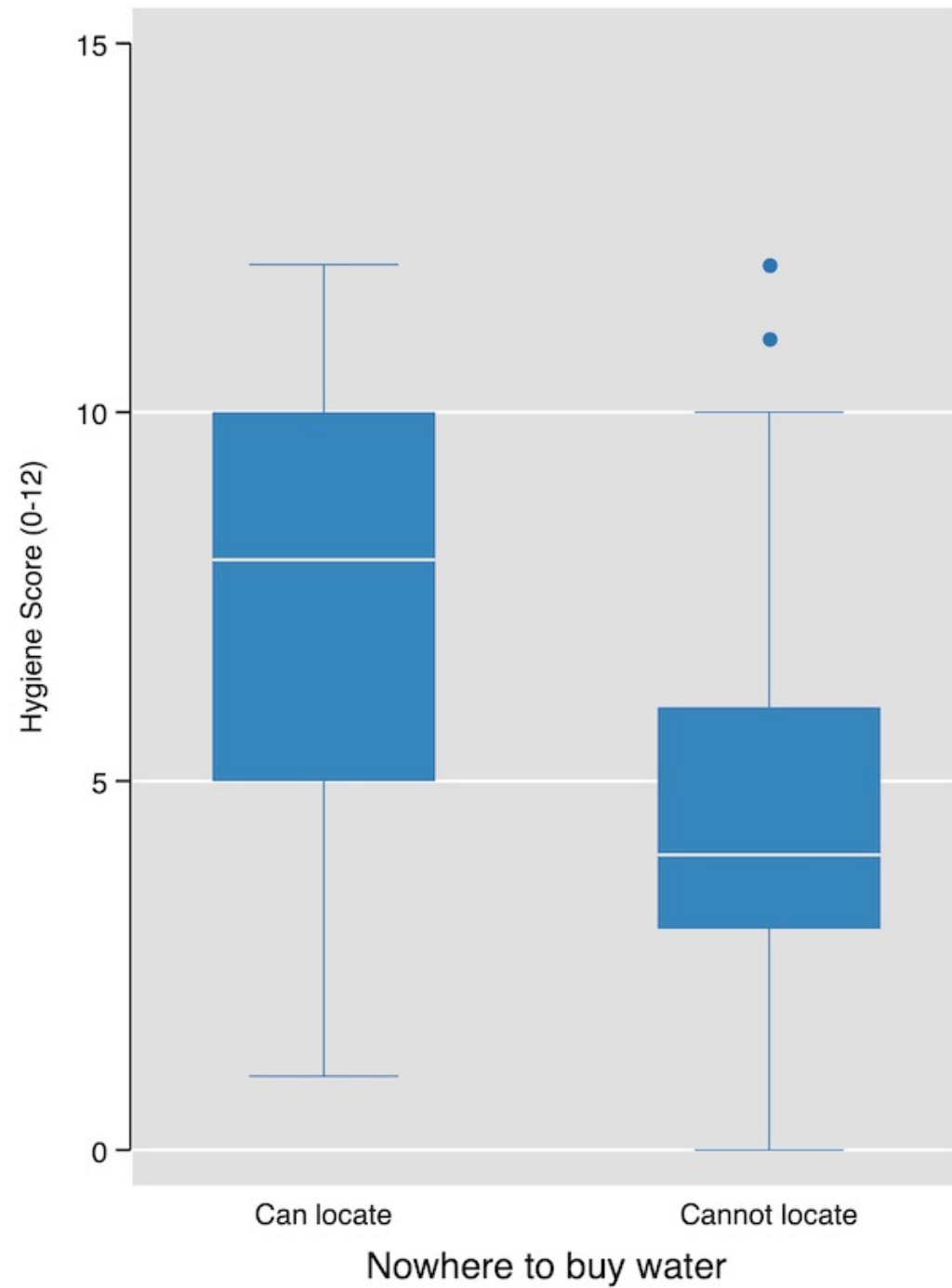
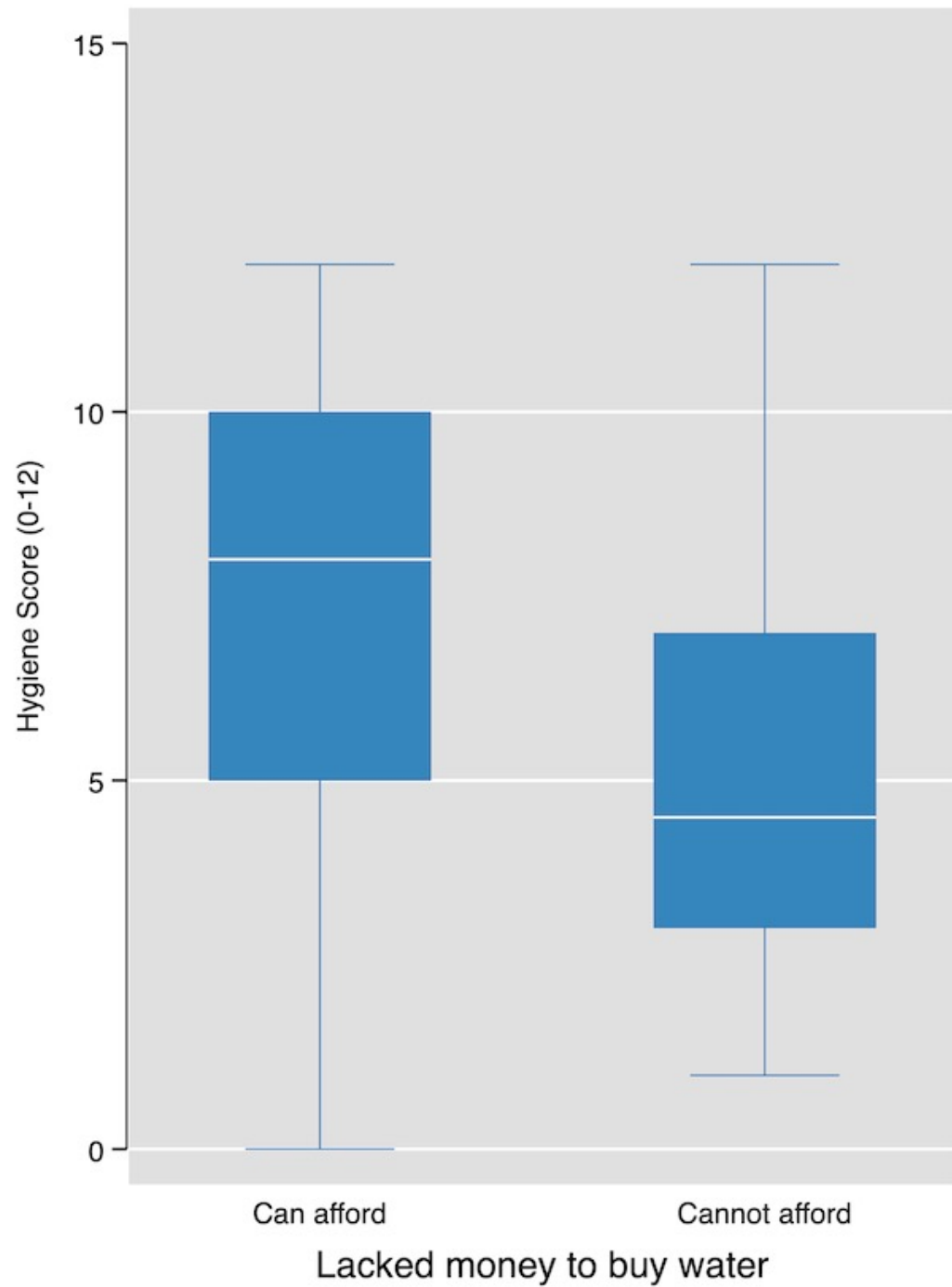
What role did water availability and household ability to afford water play in maintaining hygiene practices during the lockdown?

Hygiene outcomes by water access (affordability)



Hygiene outcomes by water access (availability)







- + Employment loss ↓ Water affordability
- + Water affordability ↑ Hygiene score
- + Water availability ↑ Hygiene score
- + Tap-points ↑ Hygiene score
- Water collection ↓ Hygiene score
- HH density ↓ Hygiene score

Limitations

- Doesn't take into account seasonal rainfall variations
- No before & after comparison – 2019 questions have a different recall period than 2020 survey questions



Thank you! Feedback and questions welcome!

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Acknowledgements

Corrie Hannah, Sara Lopus, Kacey Ernst, Aminata Kilungo, Julia Davies, Tom Evans, Andrea Gerlak, Zack Guido, Romanus Opiyo, Margaret Ng'ayu, David Mwangi, Eligah Mutanda, Chacha Ernst, Collins Nyapere.

PEO, SBSRI, GPSC, CLIMAS, Haury Foundation – Carson, AAG, Critical language studies