Geospatial patterns of unvaccinated children under two years in the city of Kikwit, the Democratic Republic of Congo

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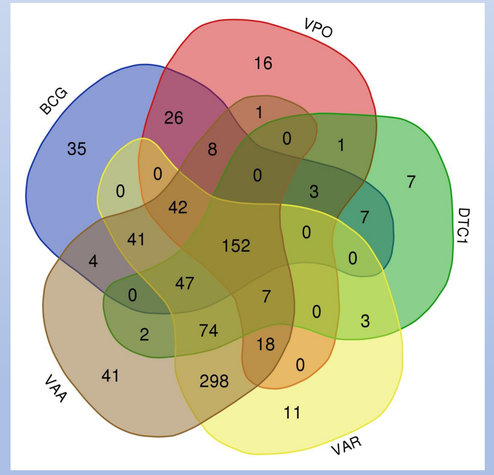
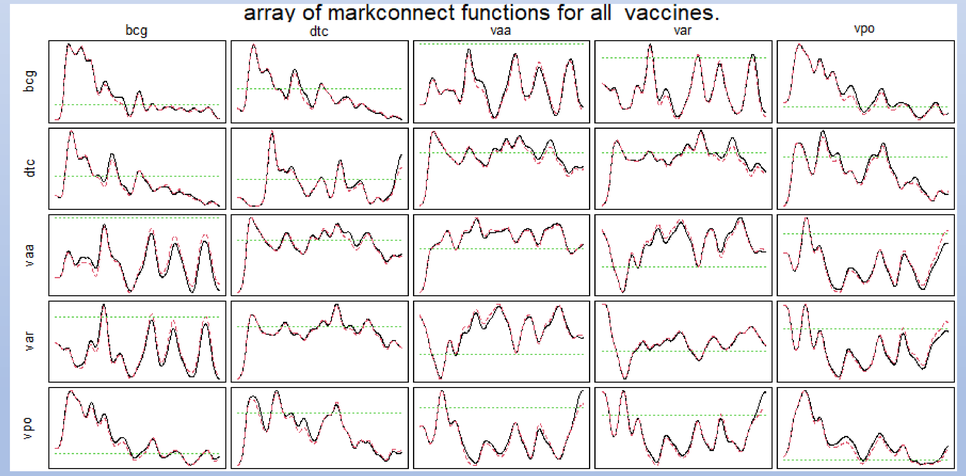
Aim: This study assessed spatial patterns of unvaccinated children in the city of Kikwit to inform catch-up efforts

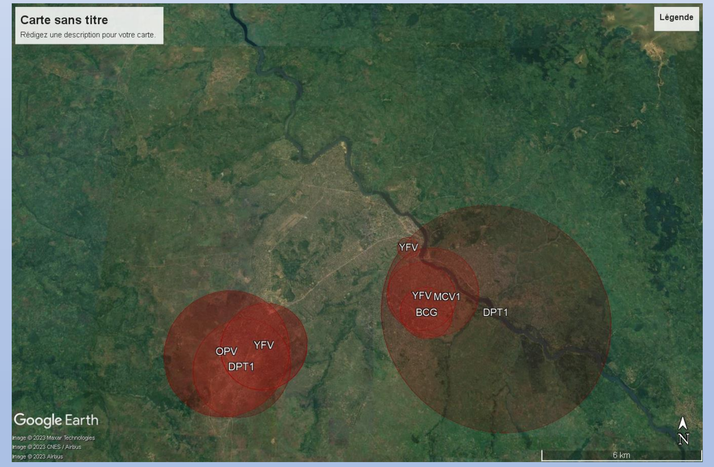
Heads of households, mothers or guardians of children aged 12 to 23 months were interviewed about children vaccine uptake → Geographical coordinates of households were recorded → Ripley's K and Mark connection functions for spatial correlations → Satscan for cluster identification

(A)



(B)





Conclusion

Unvaccinated children are heterogeneously distributed in Kikwit. Further analysis are warranted to better understand these patterns. These results would help in prioritizing intervention areas for immunization catch-up.