

Spatial Distribution and Pattern Analysis of Women Sexual Violence in Tanzania

Justine N. Mbukwa, Tukae Mbegalo & Francis Levira

Abstract

In sub-Saharan Africa, sexual violence is very common among married women. This has a negative effect on health and wellbeing. This problem has not been well documented geographically, particularly in Tanzania. The main objective of this chapter was to describe the geographical distribution of women sexual violence in Tanzania. We used data from the Tanzanian demographic and health survey (2015/2016), comprising a random sample of 10,333 women aged 15–49 years. The study used ArcMap software version 10.8, for understanding the spatial pattern of sexual violence and Chi-square to find out the drivers of high women sexual prevalence rate across the regions. Findings show sexual violence was more prevalent in the Lake and Central zones. Wealth index, marital status, partner's education, drinking habit and occupation were the main drivers.

Keywords: Sexual violence, Spatial mapping, Pattern analysis, Women