

Title: The Role of Social Media in Detecting Anxiety and Depression During the Era of Orthopoxviral Diseases

Abstract:

The psychological impact of mPox disease on individuals affected by it, their relatives or caregivers, and medical practitioners can potentially lead to depression. Depression and anxiety are widespread disorders globally and can have severe consequences. Even though people with anxiety and depression may recognize that their self-critical and worrying thoughts are irrational, they may find it challenging to manage them. Early identification of symptoms of anxiety and depression is a crucial first step towards assessment, intervention, and prevention of relapse. This study employs a machine learning and NLP approach to collect and analyze tweets related to mPox disease to detect symptoms of depression.

Blessing Ogbuokiri, PhD.

Interested in Data Science for Social Good | Machine Learning | AI | Theory of Computation

Postdoctoral Fellow and Instructor at Department of Mathematics & Statistics | Faculty of Science | York University

Research Fellow | [Africa-Canada Artificial Intelligence and Data Innovation Consortium](#)

Ross 613N, 4700 Keele Street
Toronto ON • Canada M3J 1P3

M/W: (+1) 647 338 2025

[Twitter](#) | [LinkedIn](#) | [Google Scholar](#) | [ORCID](#) | [YorkPostdoc](#)

Website: www.blessingogbuokiri.com