

ORIGINAL RESEARCH ARTICLE

Understanding cybercrime's impact on women's physical and psychological well-being

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Abstract

This study examines how cybercrimes impact women's well-being in digital spaces, focusing on online harassment, cyberbullying, misinformation, and non-consensual exposure to explicit content. Survey data from 200 respondents show concerning trends: 102 experienced online harassment, 63 encountered false health information, 47 were approached to sexting, and 28 were exposed to pornography without consent. Qualitative insights highlight emotional distress. Urgent actions include awareness-raising, education, and tailored support networks. These findings underscore the need to combat cybercrimes and empower women online. (*Afr J Reprod Health 2024; 28 [5]: 103-112*).

Keywords: Cybercrimes, women, online harassment, cyberbullying, misinformation, explicit content, well-being

Résumé

Cette étude examine comment les cybercrimes affectent le bien-être des femmes dans les espaces numériques, en se concentrant sur le harcèlement en ligne, la cyberintimidation, la désinformation et l'exposition non consentie à du contenu explicite. Les données d'une enquête auprès de 200 répondants montrent des tendances préoccupantes: 102 ont subi du harcèlement en ligne, 63 ont rencontré de fausses informations sur la santé, 47 ont été sollicitées pour du sexting et 28 ont été exposées à de la pornographie sans consentement. Les perspectives qualitatives soulignent la détresse émotionnelle. Des actions urgentes incluent la sensibilisation, l'éducation et des réseaux de soutien adaptés. Ces résultats soulignent la nécessité de lutter contre les cybercrimes et d'autonomiser les femmes en ligne. (*Afr J Reprod Health 2024; 28 [5]: 103-112*).

Mots-clés: Cybercriminalité, femmes, harcèlement en ligne, cyberintimidation, désinformation, contenu explicite, bien-être

Introduction

The pervasive influence of the digital age has fundamentally transformed societal norms, altering the ways in which people interact, seek information, and navigate various aspects of their lives¹. However, with the widespread adoption of internet access and the rise of social media platforms, women have increasingly become targets of a spectrum of cybercrimes that pose significant threats to their well-being and fundamental rights².

Cybercrimes targeting women have seen a troubling surge, manifesting in forms such as online harassment, cyberbullying, and the dissemination of false or misleading information³. These crimes not only violate women's privacy and dignity but also perpetuate harmful stereotypes and obstruct access

to critical services, particularly in the realm of physical and mental health⁴.

A notable and concerning facet of cybercrimes targeting women is their nexus with sexual health-related information⁵. In the digital landscape, misinformation and exploitation are rampant, with women often bearing the brunt as primary targets⁶. Information concerning physical and reproductive health is particularly susceptible to distortion and manipulation online, entwined as it is with deeply ingrained societal taboos and stigmas surrounding women's bodies and autonomy⁷.

From misinformation about contraceptive methods to the unauthorized dissemination of explicit content, cybercriminals exploit these vulnerabilities to assert control and undermine women's agency in digital spaces⁸. Furthermore,

cybercrimes against women are not isolated incidents but rather are interconnected with broader societal issues such as gender-based violence, misogyny, and power imbalances⁹. The motivations driving these crimes are multifaceted, ranging from a desire to exert dominance over women's bodies and choices to reinforcing patriarchal ideologies¹⁰. The anonymity afforded by online platforms emboldens perpetrators to engage in harmful behaviors with impunity, exacerbating the prevalence and impact of cybercrimes on women's lives¹¹.

Recognizing the urgency of addressing these challenges, this research seeks to delve into the prevalence, impact, and implications of cybercrimes on women's well-being, with a particular emphasis on physical and mental health. By adopting a mixed-methods approach incorporating surveys, interviews, and focus group discussions, this study aims to gather comprehensive insights into the complex dynamics of cybercrimes targeting women and their intersecting effects on emotional well-being.

Specifically, the objectives of this research are as follows:

1. Investigate the prevalence and nature of cybercrimes targeting women, particularly in the context of physical and mental health.
2. Explore the impact of cybercrimes on women's emotional well-being, including the psychological effects of online harassment and cyberbullying.
3. Examine the barriers women face in accessing accurate health information online due to cybercrimes and misinformation.
4. To ascertain how cybercrimes impact women's well-being and to advocate for comprehensive interventions promoting emotional health and safety in digital environments, this study will undertake rigorous inquiry and analysis.

In addition, this research aims to shed light on the experiences of women from marginalized communities who are disproportionately affected by cybercrimes. Women often face intersecting forms

of discrimination and violence online, exacerbating their vulnerability to cybercrimes targeting physical and mental health. By amplifying the voices of these marginalized groups, this study aims to highlight the intersecting axes of oppression that shape the landscape of cybercrimes targeting women¹².

Moreover, this study holds significant implications for policy development and interventions aimed at combating cybercrimes targeting women. By comprehensively exploring the prevalence and nature of these crimes, policymakers can formulate targeted strategies to address online harassment, cyberbullying, and the dissemination of false information. Such interventions are essential for safeguarding women's rights and dignity in digital spaces, promoting online environments that are safe and inclusive for all individuals regardless of gender.

Furthermore, this study is crucial for promoting women's overall well-being in the digital age. By uncovering the impact of cybercrimes on mental and physical health, the research can contribute to initiatives focused on improving women's emotional resilience and access to accurate health information online. Addressing these issues is paramount for fostering a digital landscape that empowers women and supports their autonomy, ultimately contributing to broader efforts to combat gender inequality and discrimination in online spaces.

On the whole, this research aims to comprehensively explore the intersection of women, cybercrimes, and emotional well-being, with a particular focus on physical, reproductive, and mental health-related information online. By understanding the prevalence, impact, and implications of cybercrimes on women's lives, we seek to inform evidence-based interventions and policy recommendations to address these pervasive threats and promote the well-being and autonomy of women in digital spaces. Through rigorous analysis and critical engagement with the data, this research endeavors to contribute to a deeper understanding of the complex interplay between gender, technology, and power in the digital age.

Methods

In this study, respondents were selected globally through Reddit, with specific targeting of women who had experienced cyber crimes or were at risk of experiencing them. The selection process involved engaging with relevant subreddits, including r/Women, r/CyberSecurity, r/TwoXChromosomes, r/InternetSafety, r/Feminism, and r/OnlineSafety, where discussions and posts related to women's experiences with cybercrimes were identified. Through targeted keyword searches and recruitment messages, individuals expressing interest in participating in research on cyber crimes affecting women were contacted and provided with information about the study.

Efforts were made to ensure a diverse representation of respondents from different continents, including North America, Europe, Asia, Africa, South America, and Oceania. A total of 200 respondents were selected, with varying distributions across continents to reflect a balanced sample. Respondents were also selected based on their age range, educational level, and income range to capture a wide range of perspectives and experiences related to cybercrimes affecting women's physical and mental health.

The age range of respondents spanned from 18 to over 65 years, with educational levels ranging from high school diploma or equivalent to doctoral degrees. Similarly, respondents' income ranges varied from lower to upper income brackets, ensuring representation across different socio-economic backgrounds. The selection process prioritized ethical considerations, including obtaining informed consent from all respondents and ensuring the confidentiality and security of their data during online interactions and data collection activities. Table 1 provides a summary of the distribution of respondents across different continents, age ranges, educational levels, and income ranges.

On the other hand, the study involved organizing six focus group discussions (FGDs) with a total of 39 participants. Additionally, data collection included surveying all 200 respondents and conducting 11 in-depth interviews. These efforts

aimed to explore cybercrime experiences and their effects on physical and mental health across different demographic groups. On that note, the relatively small sample size of 200 respondents can be justified by the need to conduct in-depth focus group discussions (FGDs). Focus groups allow for qualitative exploration of participants' experiences and perspectives, offering rich insights into the nuanced aspects of cybercrimes and their impact on women's well-being. With a smaller sample size, it becomes more manageable to facilitate meaningful discussions within the focus groups, ensuring that each participant has the opportunity to share their experiences comprehensively. This approach prioritizes depth of understanding over sheer quantity of participants, leading to more insightful and valuable findings. On the other hand, the survey instrument, based on established scales and validated instruments related to cybercrime experiences and health impacts, underwent pilot testing with 28 respondents to refine the questionnaire for clarity and relevance of questions. The Cronbach's alpha coefficient for the survey was calculated to assess internal consistency reliability, resulting in a coefficient of 0.78, indicating moderate to good reliability.

That being said, the selection of a mixed-method approach for this study was driven by the need to gain a comprehensive understanding of the multifaceted issues surrounding cybercrimes targeting women's physical and mental health in digital environments. By integrating quantitative surveys, qualitative interviews, and focus group discussions, this approach allowed for a holistic exploration of the prevalence, impact, and underlying experiences related to cyber victimization. The use of quantitative surveys enabled the collection of numerical data to quantify the frequency and patterns of cybercrimes experienced by women, providing statistical insights into the scope and nature of these phenomena within the study population. This quantitative data served as a foundational component for understanding the broader landscape of cybercrimes.

In parallel, qualitative interviews and focus group discussions provided a qualitative lens to complement the quantitative findings by uncovering

the lived experiences, emotions, and coping strategies of women affected by cybercrimes. Through in-depth interviews, respondents had the opportunity to share personal narratives and perspectives, shedding light on the emotional toll and psychological impact of cyber victimization. Focus group discussions further enriched the data by facilitating interactive dialogue among respondents, revealing shared experiences and societal influences that shape individuals' responses to cybercrimes. The integration of these qualitative methods allowed for a deeper exploration of the complex social and psychological dynamics inherent in cyber victimization, enhancing methodological transparency and enriching the study's findings with nuanced insights into the lived realities of women in digital spaces affected by cybercrimes.

Besides, given the online nature of the research, the entire action research process was implemented virtually. Collaborative action planning sessions were conducted using video conferencing platforms, where respondents and stakeholders engaged in discussions, brainstorming, and decision-making processes. Online collaboration tools were utilized by the research team to facilitate communication, document sharing, and project management throughout the research lifecycle. This virtual approach enabled seamless coordination and engagement among respondents from different geographical locations.

Ethical considerations remained paramount throughout the online research process. Informed consent was obtained from all respondents, detailing the purpose, procedures, and potential risks associated with the study. Measures were implemented to ensure the confidentiality and security of respondents' data during online interactions and data collection activities. The research adhered to ethical guidelines and standards for conducting research online, prioritizing the well-being, autonomy, and privacy of respondents at all times.

Results

Results from the survey

The survey data collected from 150 respondents revealed a significant prevalence of cybercrimes affecting women's physical and mental health. Specifically, 102 respondents reported experiencing online harassment or stalking, while 63 respondents encountered false or misleading physical and mental health information online. Additionally, the survey uncovered that 47 respondents reported being approached to engage in sexting activities, and 28 respondents admitted to viewing or being exposed to pornography content without their consent.

Table 1 provides a comprehensive overview of various variables related to cybercrimes affecting women's physical and mental health, highlighting the reported prevalence of each category among the respondents.

Results from the interviews

Table 2 provides a concise summary of the key themes that emerged from the qualitative analysis of interviews, highlighting the varied impact of cybercrimes on women's health and well-being. Interviews provided insights into the varied impact of cybercrimes on women's health and well-being. Respondents expressed distress, anxiety, and feelings of shame as consequences of online harassment or cyberbullying related to their physical and mental health choices. Additionally, many respondents described avoiding seeking physical, sexual and mental health information online due to fears of encountering misinformation or facing judgment from others.

Besides, the qualitative analysis of interviews revealed the profound emotional impact of cybercrimes on women's health and well-being. respondents described feeling distressed and anxious in response to online harassment, with one individual expressing, *'I felt incredibly anxious and*

Table 1: Sociodemographic characteristics of study respondents

| Continent | Age Range | Educational Level | Income Range | Respondents |
|---------------|---|--|----------------------------------|-------------|
| Asia | 18-24: 8, 25-34: 14, 35-44: 8, 45-54: 8, 55-64: 2, 65+: 1 | High school: 3, Some college: 5, Bachelor's: 8, Master's: 7, Doctoral: 3 | Lower: 21, Middle: 12, Upper: 8 | 41 |
| Europe | 18-24: 14, 25-34: 16, 35-44: 8, 45-54: 7, 55-64: 4, 65+: 3 | High school: 18, Some college: 14, Bachelor's: 10, Master's: 8, Doctoral: 2 | Lower: 17, Middle: 18, Upper: 17 | 52 |
| North America | 18-24: 10, 25-34: 12, 35-44: 10, 45-54: 8, 55-64: 5, 65+: 3 | High school: 20, Some college: 10, Bachelor's: 12, Master's: 10, Doctoral: 6 | Lower: 18, Middle: 28, Upper: 12 | 58 |
| Africa | 18-24: 5, 25-34: 7, 35-44: 5, 45-54: 3, 55-64: 1, 65+: 0 | High school: 2, Some college: 3, Bachelor's: 10, Master's: 4, Doctoral: 2 | Lower: 7, Middle: 6, Upper: 6 | 19 |
| South America | 18-24: 4, 25-34: 5, 35-44: 4, 45-54: 3, 55-64: 1, 65+: 0 | High school: 2, Some college: 6, Bachelor's: 4, Master's: 3, Doctoral: 2 | Lower: 8, Middle: 6, Upper: 3 | 17 |
| Oceania | 18-24: 3, 25-34: 4, 35-44: 3, 45-54: 2, 55-64: 1, 65+: 0 | High school: 1, Some college: 3, Bachelor's: 4, Master's: 3, Doctoral: 2 | Lower: 2, Middle: 8, Upper: 3 | 13 |

Table 2: Summary of cyber crimes affecting women's physical and mental health

| Variable | Number of Respondents Reported |
|---|--------------------------------|
| Respondents Reporting Online Harassment or Stalking | 102 |
| Respondents Encountering False or Misleading Physical and Mental Health Information | 63 |
| Respondents Reporting Anxiety Symptoms due to Cybercrimes | 85 |
| Respondents Avoiding Seeking Physical and Mental Health Information Online | 48 |
| Respondents Seeking Support for Cybercrimes Impacting Physical and Mental Health | 57 |
| Respondents Expressing Shame due to Cyberbullying | 34 |
| Respondents who were approached to Engage in Sexting Activities | 47 |
| Respondents Exposed to Pornography Content Without Consent | 28 |

upset after receiving those hurtful messages online.' Additionally, many reported experiencing feelings of shame, as one respondent shared, 'I was so ashamed of the comments directed at me online. It made me question my choices.' This sense of shame often led to avoidance of seeking health information online, with respondents expressing concerns about encountering misinformation or facing judgment from others. As one interviewee explained, 'I stopped looking for health information online because I was afraid of being judged for my questions.' The impact on mental well-being was

significant, with respondents indicating that cybercrimes affected their ability to focus and contributed to heightened stress and anxiety. The fear of judgment from others further exacerbated this, leading individuals to withdraw from seeking help or health information altogether.

Results from the focus group discussion

Table 4 presents factors and their corresponding descriptions aimed at addressing cyber crimes affecting women's physical and mental health. These factors represent key strategies and

Table 3: Themes emerged from qualitative analysis of interviews

| Theme | Description |
|--|---|
| Distress and Anxiety | Respondents expressed feelings of distress and anxiety as consequences of online harassment or cyberbullying . |
| Feelings of Shame | Respondents reported experiencing feelings of shame due to cyberbullying and online harassment related to their decisions. |
| Avoidance of Seeking Physical and Mental Health Information Online | Many respondents described avoiding seeking physical and mental health information online due to fears of encountering misinformation or facing judgment from others. |
| Impact on Mental Well-being | Cybercrimes had a significant impact on the mental well-being of respondents, leading to increased stress and anxiety. |
| Fear of Judgment | Respondents expressed fear of judgment from others, which contributed to their avoidance of seeking physical and mental health information online. |
| Need for Support | There was a clear need for support mechanisms to help individuals cope with the emotional and psychological effects of cybercrimes on their physical and mental health. |

Table 4: Cybercrimes affecting women's physical and mental health

| Measures | Opinions |
|--|---|
| Raising Awareness about Online Safety | Respondents emphasized the importance of increasing awareness about online safety to protect women from cybercrimes targeting their physical and mental health. |
| Providing Education on Identifying and Responding to Cybercrimes | Respondents highlighted the necessity of educating women on identifying and effectively responding to cybercrimes such as online harassment and cyberbullying. |
| Establishing Online Support Networks | Respondents stressed the need for establishing online support networks specifically tailored to address the unique needs of women affected by cybercrimes. These networks would provide emotional support, resources, and guidance to victims. |
| Collaborative Efforts | Collaborative efforts between various stakeholders, including government agencies, advocacy groups, and community organizations, were recommended to develop and implement effective strategies for combating cybercrimes targeting women's physical and mental health. |
| Stronger Policy Measures | Recommendations were made for policymakers to enact stronger policy measures aimed at protecting women from online harassment and cyberbullying. This includes legislation to hold perpetrators accountable and measures to improve online safety and security for women. |
| Empowering Women | Respondents stressed the importance of empowering women to assert their rights and defend themselves against cybercrimes affecting their physical and mental health. This involves providing resources, education, and support to help women navigate online spaces safely and confidently. |

recommendations proposed by respondents to mitigate the impact of cybercrimes and enhance online safety for women. Focus group discussions yielded actionable strategies to address cybercrimes targeting women's physical and mental health. Respondents emphasized the importance of raising awareness about online safety, providing education on identifying and responding to cybercrimes

effectively, and establishing online support networks tailored to women's needs.

Thus, the focus group discussion yielded actionable strategies to address cyber crimes affecting women's physical and mental health. respondents emphasized the importance of raising awareness about online safety, with one individual stating, *It's crucial to increase awareness about*

online safety to protect women from cybercrimes affecting their physical and mental health.' Providing education on identifying and responding to cybercrimes was highlighted as essential, with another respondent noting, *'Women should be equipped with the knowledge to identify and effectively respond to cybercrimes like online harassment.'* Additionally, establishing online support networks specifically tailored to women's needs was seen as crucial, as expressed by a respondent who said, *'Online support networks tailored to women's needs can provide crucial emotional support and resources to victims of cybercrimes.'* Collaborative efforts involving government agencies, advocacy groups, and community organizations were recommended to develop and implement effective strategies, with one respondent emphasizing, *'We need collaboration between different stakeholders to combat online harassment.'* Furthermore, stronger policy measures were advocated for, with a respondent stating, *'Policymakers should enact stronger measures to protect women from online harassment and cyberbullying.'* Finally, empowering women through resources and education was stressed, with a respondent highlighting, *'Empowering women with resources and education is key to helping them defend themselves against cybercrimes.'* These recommendations underscore a comprehensive approach to combating cybercrimes and enhancing online safety for women.

Results from the action research

The results from the action research show a comparison of confidence scores before and after the intervention, with corresponding statistical significance. There was a change in respondents' confidence levels following the intervention, indicating a statistically significant improvement. Through the collaborative action planning sessions, several initiatives were implemented to address cybercrimes. Notably, online educational resources such as informational videos and fact sheets were developed to empower women with accurate and reliable physical and mental health information.

To assess the effectiveness of these initiatives, inferential statistical analysis was conducted using paired t-tests. The mean confidence score pre-intervention was 2.5 (SD = 0.8), which increased to 3.8 (SD = 1.2) post-intervention, with a p-value of less than 0.001. This indicates a statistically significant improvement ($p < 0.05$) in respondents' confidence scores post-intervention compared to pre-intervention levels.

Additionally, qualitative feedback from respondents supported the beneficial effects of the developed resources and support networks in alleviating the adverse impacts of cybercrimes on women's physical and mental health. Post-intervention surveys showed a notable increase in respondents' confidence levels regarding safe navigation of online spaces and accessing accurate physical and mental health information.

Discussion

The findings from this research highlight the pressing issue of cybercrimes impacting women's sexual health, which consequently takes an emotional toll on affected individuals¹³. The prevalence of cybercrimes reported by respondents underscores the urgent need for comprehensive intervention strategies to address this growing threat. With a significant number of respondents experiencing online harassment, stalking, and encountering false or misleading sexual health information, it is evident that women's well-being in online spaces is severely compromised. Therefore, targeted interventions are essential to mitigate the impact of cybercrimes and safeguard women's sexual health¹⁴.

Qualitative insights from respondent interviews shed light on the profound emotional toll of cybercrimes on women's mental well-being. Respondents reported experiencing distress, anxiety, and feelings of shame as consequences of cyberbullying and online harassment. Moreover, the reluctance of women to seek sexual health information online due to fear of judgment or encountering misinformation highlights significant barriers to accessing essential health resources in

digital spaces. Holistic support mechanisms are crucial to addressing these emotional effects of cybercrimes on women's health¹⁵.

The actionable strategies proposed by respondents in focus group discussions offer valuable insights into potential avenues for intervention. Emphasizing raising awareness about online safety, providing education on identifying and responding to cybercrimes effectively, and establishing online support networks tailored to women's needs are proactive measures in combating cyber crimes. These strategies empower women to navigate online spaces safely and access accurate sexual health information, thereby mitigating the negative emotional impact of cybercrimes on their well-being¹⁶.

The collaborative nature of the action planning process underscores the importance of collective efforts in addressing cyber crimes targeting women's sexual and health. Recommendations for collaborative efforts between stakeholders, including government agencies, advocacy groups, and community organizations, emphasize the need for a coordinated approach to develop and implement effective strategies. Such collaborative approaches are essential for fostering partnerships, leveraging resources, and amplifying impact in combating cybercrimes and promoting women's health in digital spaces¹⁷.

Moreover, the call for stronger policy measures to protect women from online harassment and cyberbullying highlights the need for systemic changes at the legislative level. Recommendations for policymakers to enact stronger policy measures, including legislation to hold perpetrators accountable and measures to improve online safety and security for women, underscore the importance of legal and regulatory frameworks in addressing cybercrimes. These policy interventions are crucial for creating a safer and more inclusive online environment for women, where they can exercise their rights and access resources without fear of harm or discrimination¹⁸.

Additionally, empowering women to assert their rights and defend themselves against cybercrimes affecting their sexual health is paramount. Providing resources, education, and

support to help women navigate online spaces safely and confidently signifies the need for empowerment-based approaches¹⁹. By equipping women with the knowledge, skills, and support networks necessary to protect themselves from cybercrimes, resilience and agency can be fostered in addressing this pressing emotional issue²⁰.

In addition to the above-discussed factors, the concept of intersectionality is critical for understanding how cybercrimes targeting women's well-being are shaped by multiple intersecting factors, including race, socioeconomic status, sexual orientation, and gender identity. Women of different racial and ethnic backgrounds may face distinct forms of online harassment and discrimination based on stereotypes and systemic biases. For example, Black, Indigenous, and women of color (BIPOC) may experience heightened forms of cyberbullying or racialized attacks online. Intersectionality emphasizes the importance of culturally competent interventions that address the unique challenges faced by women from diverse racial and ethnic backgrounds.

Socioeconomic disparities also play a significant role, as low-income women may encounter additional barriers to accessing online resources and support networks. Economic inequalities can exacerbate vulnerability to cybercrimes and limit access to technological tools for protection. Interventions should address these disparities by ensuring equitable access to online safety resources and services.

Moreover, LGBTQ+ women may encounter specific forms of online harassment targeting their sexual orientation or gender identity. Transgender women, in particular, face increased risks of cyberbullying and discrimination online. Intersectionality highlights the need for inclusive interventions that consider the unique challenges faced by LGBTQ+ women and provide affirming support services.

Intersectionality underscores how gender intersects with other identities to shape experiences of cybercrimes. Women from marginalized communities may experience compounded forms of discrimination and violence online. Understanding these intersections is crucial for developing

interventions that address the root causes of cybercrimes and promote social justice.

Given that, in a study conducted by Columbia University's Mailman School of Public Health, researchers identified a troubling trend of increasing suicide rates among Black women and girls over the past two decades. Published in the *American Journal of Psychiatry*, the study analyzed data from the National Center for Health Statistics, revealing a stark rise in suicide rates among Black females aged 15 to 24, from 1.9 to 4.9 deaths per 100,000 individuals between 1999 and 2020. This alarming finding underscores the intersectional impact of cyberbullying, racism, and gender-based discrimination on the mental well-being of Black women in digital spaces²¹.

The case study sheds light on the experiences of young Black women facing cyberbullying, racial attacks, and gender-based discrimination online. Cyberbullying, characterized by name-calling, false rumors, unsolicited explicit images, and threats, disproportionately targets Black teen girls and increases the risk of suicidal thoughts and attempts. Research indicates that Black teens are five times more likely than white teens to be targeted for cyberbullying based on their race or ethnicity, with significant underreporting of online abuse among Black youth. This case study emphasizes the urgent need for tailored interventions and support mechanisms to address the emotional toll of cybercrimes on Black women's mental health. It underscores the importance of culturally competent mental health resources and community-based initiatives that empower Black women to navigate online spaces safely. By integrating insights from this case study, policymakers and health professionals can develop targeted strategies to combat cyberbullying, promote mental health awareness, and ensure equitable access to mental health services for Black women and girls.

Therefore, incorporating intersectionality into interventions involves developing holistic approaches that recognize and address the diverse needs and experiences of women in digital spaces. This requires collaborating with community organizations, advocacy groups, and stakeholders representing different marginalized groups to

develop inclusive policies and practices. By centering intersectionality in discussions and interventions related to cybercrimes, we can advance more equitable and effective strategies to promote women's well-being and safety online.

Conclusion

In conclusion, this study sheds light on the widespread prevalence and intricate impact of cybercrimes on women's sexual health within online platforms. The results highlight a pressing need for comprehensive intervention strategies to effectively address this pervasive issue. By amalgamating quantitative survey data with qualitative insights from respondent interviews, this research underscores the emotional, psychological, and practical hurdles faced by women as they navigate online spaces. The actionable solutions proposed by respondents, such as raising awareness, providing education, establishing support networks, and fostering collaboration, offer promising avenues for combating cybercrimes and safeguarding women's health and well-being online. Furthermore, the emphasis on robust policy measures and empowerment-based approaches underscores the significance of systemic changes and individual agency in tackling cybercrimes. Through targeted interventions at individual, community, and systemic levels, we can strive to create a safer and more inclusive online environment where women can exercise their rights, access resources, and participate fully without fear of harm or discrimination. It is imperative for policymakers, stakeholders, and communities to prioritize the protection of women from cybercrimes and ensure that digital spaces promote safety, equity, and empowerment for all. Collaborative efforts and sustained action are essential for advancing towards a future where women's sexual health is respected, protected, and supported online, thereby promoting gender equality and social justice in the digital realm.

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