Health susceptibility perceptions among Iranian, Afghan and Tajik minorities in three Nordic countries

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Abstract
Purpose – This research paper aims to delve into the perceptions of health susceptibility among Iranian, Afghan and Tajik individuals hailing from asylum-seeking or refused asylum-seeking backgrounds currently residing in Finland, Norway and Sweden.

Design/methodology/approach – Semi-structured interviews were conducted between May and October 2022 involving a sample size of 27 participants. An adapted framework based on the health belief model along with previous studies served as a guide for formulating interview questions.

Findings – Notably influenced by cultural background, religious beliefs, psychological states and past traumatic experiences during migration journeys – before arrival in these countries till settling down – subjects’ perception of health concerns emerged significantly shaped. Additionally impacting perspectives were social standing, occupational status, personal/family medical history, lifestyle choices and dietary preferences nurtured over time, leading to varying degrees of influence upon individuals’ interpretation about their own wellness or illness.

Practical implications – Insights garnered throughout the authors’ analysis hold paramount significance when it comes to developing targeted strategies catering culturally sensitive health-care provisions, alongside framing policies better aligned with primary care services tailored explicitly around singular demands posed by these specific communities dwelling within respective territories.

Originality/value – This investigation represents one among few pioneering initiatives assessing perceptions regarding both physical and mental well-being within minority groups under examination across Nordic nations, unveiling complexities arising through intersecting factors like individual attributes mingling intricately with socio-cultural environments, thereby forming unique viewpoints towards health-care belief systems prevalent among such population segments.

Keywords Minority health, Health beliefs, Health disparities, Qualitative health research, Nordic countries, Health beliefs and perceptions

Paper type Research paper

1. Introduction and background

Globalisation has intensified mobility, resulting in over two million immigrants settling in Nordic countries such as Norway, Finland and Sweden, and facing unique health-care challenges (Nissanke and Thorbecke, 2010; Nordic Statistics database, 2022; Haj-Younes et al., 2022). Asylum-seekers originating from countries like Iran, Afghanistan and Tajikistan currently residing in aforementioned Nordic regions display varied conceptualisations of health that are moulded by sociodemographic factors intertwined with cultural convictions (Byrow et al., 2020; Dumitrache et al., 2022; Ryom et al., 2022). Criticisms have been presented against conventional theories concerning health behaviours for their heavy reliance on logical decision-making processes. These arguments contend that the theories provide inadequate explanation towards understanding diverse health-related actions exhibited by asylum seekers (Glanz et al., 2008; Resnicow and Page, 2008).
The notion of perceived susceptibility plays a pivotal role in theories surrounding health behaviour, often used to predict and interpret health-care-seeking actions (Glanz et al., 2008; Greene, 2018). However, its application and homogeneity among diverse minority groups remain insufficiently examined. The focus is particularly scarce on specific communities such as Iranians, Afghans or Tajiks with either granted or denied asylum seeker status (Glanz et al., 2008). Additionally, there is a gap in understanding how evolving meanings of health concepts and the influence of unique social settings, such as migration-related difficulties and social networks, affect health behaviours (Glanz et al., 2008; Greene, 2018; Lim et al., 2022).

This research is grounded in the social context conceptual framework, which encompasses the sociocultural components that shape the daily experiences of individuals with asylum-seeking or refused asylum-seeking backgrounds and directly or indirectly impact their physical or mental health and health-seeking behaviour (Burke et al., 2009; Elliott et al., 2018; Savic et al., 2016).

Factors influencing the health-seeking behaviour of asylum-seekers in Nordic countries include migration-related challenges, psychological trauma and individual beliefs (Berthold et al., 2019; Bryant et al., 2018; Mullins and White, 2019; Ye et al., 2021). As such, it is suggested that health-care and medical professionals must adjust their treatments to meet the cultural norms and unique health needs of these individuals (Mölsä et al., 2019). Despite its recognised importance, there is limited research on the variations in perceived susceptibility to health issues and the specific health information or service needs among asylum-seekers and refused asylum-seekers from Iran, Afghanistan and Tajikistan residing in Nordic countries.

This study aims to explore these perceptions and fill the existing research gap. Specifically, the study focuses on understanding the beliefs and perceptions related to perceived susceptibility to health issues, the reasons behind these perceptions and the health-related information or services deemed necessary by these groups. The primary research question addressed is: “What are the perceptions of asylum seekers and refused asylum seekers from Iran, Afghanistan and Tajikistan regarding their susceptibility to health problems and their health-related information and service needs in Nordic countries?”. The study seeks to provide insights into the specific health beliefs and needs of this distinct population, contributing to a more tailored approach to health-care provision. The need for research into the health-care-seeking behaviour of asylum seekers is well-recognised, particularly considering the influence of cultural norms, segregation and religious beliefs on their health (Hassan and Wolfram, 2020; Knipscheer et al., 2015; Mulé, 2021). In this group of people, religious beliefs and religious actors shape their beliefs about health, what constitutes health and ways to overcome an illness (Al Laham et al., 2020; Ballard-Kang et al., 2018; Fox et al., 2020). Glanz et al. (2008) suggested that studying perceived susceptibility can lead to potential solutions to improve health and change health behaviours among these people. To understand their perceived susceptibility to illness or health conditions, qualitative approaches such as interviews and observations are often used (Elliott et al., 2018; Kennedy and Rogers, 2009; Saadi et al., 2015; Savic et al., 2016). These observations have led to the proposal of several theories, such as the theory that individuals take extra precautions due to their perception of their own susceptibility (McQueen et al., 2010).

Theoretically, the health belief model (HBM) is used to describe perceived susceptibility, and it refers to beliefs about the possibility of getting a disease or health alerting condition (Glanz et al., 2008). For instance, a woman may consider undergoing a mammogram if she believes she has a risk of developing breast cancer. This model considers various factors, including demographic attributes, perceptions about illness, perceived benefits and barriers and self-efficacy [1], in shaping health-seeking behaviour (Becker, 1974; Glanz et al., 2008; Joseph et al., 2019). As mentioned, health beliefs and health-related
information are the two main key terms in this study. Health beliefs, encompassing individual and culturally determined views on health, illness causation and remedies, play a crucial role in shaping health behaviour (Misra and Kaster, 2012). Health-related information refers to any personal information about health or illness and any information related to health care that is organised for a particular reason. Health information can range from information about local health centres to the monitoring of individual health status (OAIC, 2022). Researchers have also found many reasons for why people feel more likely susceptible to have physical or mental health problems (Lim et al., 2022; Mikkola et al., 2019; Mullins and White, 2019; Vollrath et al., 1999; Ye et al., 2021). Some of these reasons are individual beliefs, potentially detrimental habits, living conditions, work conditions, weather conditions, own medical history and family medical history. Lack of information about health problems and associated risk factors, supernatural origins for illness and depression as a white man's disease were also commonly cited as individual beliefs about perceived susceptibility among asylum seekers and refugees (Dean et al., 2017; Kennedy and Rogers, 2009; Papadopoulos et al., 2003; Piran, 2004; Ward et al., 1997).

In addition, smoking and increased susceptibility to lung cancer, alcohol overdose or risky sexual practices have been widely recognised as potentially detrimental habits that increase perceived susceptibility to connected health risks among students and patients in Switzerland and the United States, respectively (Strecher et al., 1995; Vollrath et al., 1999).

Finally, depression, mental illness, post-traumatic stress disorder (PTSD) and poorer quality of life were the themes of this scientific research. Working conditions such as having physically heavy work were found to be an indication of susceptibility to cardiovascular mortality among persons born at Helsinki University Central Hospital or Helsinki City Maternity Hospital in Finland between 1934 and 1944 (Mikkola et al., 2019). Changes in weather conditions or temperatures were identified as weather conditions that increased perceived susceptibility among rheumatic patients and those with mental health problems (Guedj and Weinberger, 1990; Mullins and White, 2019). Changes in the weather may raise the incidence of arthritis symptoms, and cooler temperatures lower negative mental health outcomes while hotter ones increase them. Similarly, a study on patients aged 35–65 years in primary care practices, showed that their own or their family’s medical history may increase their perceived susceptibility to chronic diseases such as breast cancer, ovarian cancer, colon cancer, diabetes, coronary heart disease and stroke (Acheson et al., 2010).

In summary, while there is extensive literature on perceived susceptibility, less attention has been paid to the unique experiences of asylum seekers and refused asylum seekers from specific regions like Iran, Afghanistan and Tajikistan. This study aims to address this research gap by specifically exploring the health perceptions and susceptibility among asylum seekers and refused asylum seekers from Iran, Afghanistan and Tajikistan residing in Finland, Norway and Sweden.

2. Research methodology

Three sets of semi-structured interviews were conducted with a total of 27 participants with asylum-seeking or failed asylum-seeking backgrounds in Norway (N = 9), Finland (N = 7) and Sweden (N = 11). The interview guide focused on participants’ beliefs about disease susceptibility and health concerns since their arrival in their current country of residence. The interview protocol and questions were devised from the HBM (Janz and Becker, 1984), incorporating insights from Glanz et al. (2008), Greene (2018) and Misra and Kaster (2012) regarding perceived health susceptibility. The interviews primarily aimed to understand participants’ key perceptions of susceptibility to physical and mental health conditions post-arrival in the studied countries. For example, participants were asked to provide examples of their current concerns regarding their health or a general health problem they or anyone in their family have had in the past since they arrived in the studied countries. The consent form and semi-structured interview guide were developed in English, and a native Persian
speaker translated them from English into Persian, while another native speaker doublechecked the accuracy and validity of the translations. To ensure comprehensibility and ethical standards, participants received study information and consent forms in both English and Persian.

2.1 Data collection

Convenience sampling was used to recruit the potential participants. The criteria used to include participants were being over 18 years old; currently residing in Finland, Norway or Sweden; individuals of the first generation of non-native minorities; and willing to volunteer for this study. Participants were recruited through three channels:

1. the lead author’s social media network among Iranian, Afghan and Tajik communities in the Nordic countries;
2. postings on websites, social media and local community centres; and
3. a snowball sampling method where existing participants referred others.

The rationale for targeting Iranians, Afghans and Tajiks was based on their common linguistic and cultural behaviours, which allowed for a more thorough comprehension of their health perspectives (Mills and Rahmoni, 2015).

Over the course of six months, from May 2022 to October 2022, interviews were conducted in three languages, including English, Persian and Kurdish, either in person or via an internet communication channel. Because of slight variations in Persian dialects among Iranian, Afghan and Tajik, the interviewer used English to elaborate on some interview questions. The inclusion of a bilingual Kurdish speaker catered to participants who spoke Persian as a second language, ensuring clarity and accuracy in communication. The semi-structured interview guide was used and executed in all interviews; participants were also given the chance to share extra comments on each answer. Each interview, lasting between 30 and 60min (average 45min), was voice-recorded, supplemented by filed notetaking. Key comments of interviews were returned to participants for comment and/or corrections after each interview.

3. Data analysis

All interviews, recorded and transcribed in Persian or Kurdish, were translated into English using NVIVO 1.7 for qualitative analysis. For conducting a rigorous content analysis, the HBM was used as the theoretical framework (Glanz et al., 2008). The content analysis was carried out in the following manner:

- Defining codes: We developed 22 codes to extract topics and participant information: 16 derived directly from the interview guide and six emerging from additional dialogues during the interviews (see Figure 1). The lead researcher initially coded the data, with subsequent verification by other team members for accuracy and consistency.

- Interview and memo coding: All interviews were coded using two simultaneous strategies: sticker notes on handwritten transcriptions of each new aspect originating from the interviews, and NVivo 1.7 for coding transcribed transcripts. The memos are organised by the codes from which they emerged so that all aspects arising from the interviews and originating from the code “perceived susceptibility” could be identified together.

- Creating a link between codes and memos: interview responses were linked to all similarly coded text fragments. Memos for a certain code were linked to the relevant interview content.
When interview quotes were assessed, the respondents’ speech patterns have slightly been modified, such as [I mean […]]. It was […]. In addition, grammatical mistakes have been corrected, sentence repetitions have been eliminated, and omitted content is denoted by dots.

4. Findings

4.1 Participants’ demographic

The average age of the participants \( n = 27 \) was 43 years old. Sixteen participants were female and eleven were male. Sixteen participants were married and living with their families, while six were divorced, four were single and one was widowed. Participants rated their current health status on a five-point scale ranging from five being excellent to one being very poor. Twelve respondents perceived their health status as being poor or very poor. Concerning religion, ten participants mentioned that they do not practice any religion, and most of the participants were currently working in the studied countries. Finally, 11 participants had lived in the studied countries for more than 10 years, and a few of them had refused asylum-seeking backgrounds.

4.2 Perceived susceptibility

Our analysis uniquely identified that, in addition to the known factors like individual beliefs and potentially harmful habits, participants’ perceived susceptibility to health issues was significantly influenced by their psychological situations and trauma before, during or after migration, a finding that adds new depth to our understanding of this population’s health perceptions. All of these beliefs interact in a complex manner as it is the combination of them that determines whether a person with an asylum-seeking or refused asylum-seeking
background residing in the studied countries is more likely to experience physical or mental health problems.

It is also important to note that changing living circumstances, relocation, encountering new cultures and languages, different health-care systems in a host country and other changes were found to influence beliefs about disease susceptibility for both asylum seekers and refused asylum seekers. Almost all the respondents who had previously sought asylum in Norway, Finland or Sweden cited one or more perceived susceptibility to different physical or mental health issues. In the following, the findings based on different reasons for perceived susceptibility to different physical or mental health problems among our studied population will be presented and discussed.

4.3 Individual belief

Several participants who took part in this study expressed individual beliefs that stem from their own life experiences, cultural or religious beliefs and thoughts about how susceptible they are to developing physical or mental health problems while living in the studied countries.

4.3.1 Differential treatment perceptions. A prevalent theme emerged around the belief in differential treatment by health-care providers, influenced by the participants’ ethnic backgrounds. Participants felt more vulnerable to health issues due to perceived biases. One respondent explained, “I believe doctors here treat people from [name of a Middle Eastern country] differently than locals or people from other European countries [...]” (Female, Norway).

4.3.2 Concerns about health-care providers’ expertise. Additionally, participants expressed concerns about the perceived inexperience of local health-care providers in treating conditions common in their home countries. A participant expressed:

I believe the healthcare providers here do not have enough experience with the treatment of different diseases [...] In particular, I believe they lack sufficient experience to treat people from [name of a Middle Eastern country] when they are suffering from [name of a common health problem in a Middle Eastern country] [...] (Male, Sweden).

4.3.3 Religious and cultural practices and health. The influence of religious and cultural practices on perceived health susceptibility was also a significant aspect highlighted by participants. A female participant in Finland, involved in social services, noted:

I believe many asylum seekers from [name of a Middle Eastern country] who are living in Finland are practising their cultural and religious beliefs [...] According to their religious beliefs, women would highly prefer to be treated by a female physician or a female nurse [...] when a female physician or a female nurse is not available in a hospital or a health centre, they would prefer to postpone treatment of their health problems [...] This interviewee also told another story about religious or cultural practises and susceptibility to physical health problems:

 [...] [name of a form of an operation] is a common operation in many [name of many Middle Eastern countries] [...] However, many people from [name of a Middle Eastern country] must travel to [name of a Middle Eastern country] to perform this operation [...] because there is no physician here who can perform this operation [...] (Female, Finland).

4.3.4 Gender-based health concerns. Further, cultural and religious beliefs influence women’s health-seeking behaviour, as stated by a participant:

Many women from [name of a Middle Eastern country] believe physical examination by a male physician is against their religious beliefs [...] When physicians or nurses are men, they would rather avoid treating their health problems or even going for a health check-up [...] (Female, Sweden).
4.4 Potentially detrimental habits

The interview results revealed that participants were concerned about several potentially unhealthy habits, such as smoking, alcohol consumption or eating junk food as their perceptions of their own susceptibility to a variety of health problems.

4.4.1 Smoking and health perception. A notable concern among participants was smoking, which they linked directly to their health problems. Participants reported lifestyle changes post-migration, such as increased work hours leading to physical discomfort and consequent unhealthy habits like smoking, which they linked to their deteriorating health.

4.4.2 Diet and lifestyle changes. Dietary changes following migration emerged as another significant concern affecting health perceptions. A participant shared their experience of gaining weight due to changes in eating habits:

I have gained so much weight since relocating to Norway […] I have not been employed since I arrived in Oslo […] I gradually began to eat more junk food […] it was my way of distracting my mind […] I was no longer physically active enough […] (Male, Norway).

4.5 Living conditions

The living conditions in the host countries significantly impacted participants’ health perceptions. Many reported how challenges like securing legal residency, dealing with housing and financial issues, adapting to cultural differences and experiencing social isolation influenced their health susceptibility.

4.5.1 Impact on mental health and well-being. Single parents, especially those with refused asylum applications, narrated hardships like financial constraints, housing challenges and job search difficulties, significantly impacting their mental and physical well-being.

4.5.2 Social isolation and cultural adaptation. The challenge of social isolation was echoed by another participant who moved to Norway:

In my country, I had almost daily contact with my extended family, but here I do not have any friends to socialise with. I lost my family’s support, and I feel socially isolated (Female, Norway).

Additionally, a participant working with newly arrived refugees and asylum seekers in Finland observed:

Many asylum seekers and refugees in Finland are struggling with cultural shocks and language barriers, which are increasing their susceptibilities to different types of mental health issues such as depression and anxiety (Female, Finland).

4.6 Working conditions

The working conditions in the Nordic countries significantly influenced the perceived health susceptibility of the participants. Challenges in adapting to new work environments and the struggles of finding suitable employment emerged as key concerns.

4.6.1 Adapting to new work roles. A participant with over a decade of experience in marketing and sales shared her experience:

I arrived in Sweden four years ago as an asylum seeker with my family, I faced many challenges in seeking a job related to my education and experience from my country [name of a foreign country]. Now, I am working at [name of a company] and this job is physically demanding […] and I do not believe that I am fit for it, neither physically nor mentally […] (Female, Sweden).
4.6.2 Challenges in professional continuity. Echoing a similar sentiment, a participant with a background in accounting and finance elaborated on his difficulties in continuing his profession:

I have a bachelor's degree in [name of a field of study] from a reputable university in my country [name of a foreign country], and I worked for many years in a [name of a public company] with different roles in my country. Since I moved to Sweden, I was not able to carry on my profession here, and there is a long process for recognising my educational certifications, and I have to take so many language and professional courses for several years [...] (Male, Sweden).

4.7 Weather conditions
The environmental differences between the participants' home countries and their host countries in the Nordic region notably influenced their perceived health susceptibility, particularly concerning mental health and rheumatic conditions.

4.7.1 Impact of cold and dark winters. Participants commonly reported increased susceptibility to mental health issues during the long, dark winters typical in these Nordic countries. For instance, a participant stated:

I am suffering from [name of a health problem], and I am much more sensitive to pain, particularly because I am very susceptible to sleep problems, fatigue, and emotional and mental distress due to having long and cold winters in Norway (Female, Norway).

4.7.2 Experiences of depression and anxiety. Another participant recounted the psychological impact of relocating during winter:

I suppose many asylum seekers and refugees who arrive in Finland during the dark and cold wintertime are suffering from different symptoms of depression and mental health problems. For example, I myself, during the wintertime, while I was in a refugee reception centre in [name of a city in southern Finland], felt depressed and used to cry (Female, Finland).

4.8 Psychological situation and emotional trauma
The study participants' accounts brought to light the significant impact of psychological stressors and traumatic experiences on their susceptibility to both physical and mental health issues. This includes a wide range of emotional states such as depression, anxiety and particularly, PTSD.

4.8.1 Impact of family separation and loss. Traumatic family separations and losses emerged as common themes affecting mental well-being. Participants shared emotional narratives of family breakups during their asylum-seeking journey, highlighting the associated stress and mental health challenges.

4.8.2 Grief and ongoing trauma. Similarly, experiences of grief and ongoing trauma were notably prevalent. Another participant shared his experience of loss during migration:

I lost my wife while fleeing the war in my country [name of a foreign country], it was a very tragic situation for me [...] since then I have been very depressed and have nightmares [...] (Male, Norway).

4.9 Own medical history
Participants' personal medical histories emerged as a significant factor influencing their perceived susceptibility to health issues. This perception was often shaped by previous medical conditions and the fear of recurrence or worsening of these conditions.
4.9.1 Recurrent health concerns. Participants expressed concern about reoccurring health problems. For example, a participant stated that:

In my early forties, I experienced [name of health problem], which made me more susceptible to the recurrence of [name of a health problem] (Male, Sweden).

4.9.2 Compound health and emotional challenges. The intersection of physical health problems and emotional distress was also a recurring theme. Similarly, a participant stated:

Since my childhood, I have been diagnosed with many different health problems [names of different health problems], [...] I recently lost my husband, and I am suffering from loneliness and depression, [...] I suppose I am highly susceptible to many different physical or mental health problems (Female, Norway).

4.10 Family medical history

The role of family medical history in shaping participants’ perception of health susceptibility was prominent. Many acknowledged that a history of certain chronic or hereditary conditions in their families heightened their sense of vulnerability to similar health issues.

4.10.1 Inherited health concerns. Participants frequently cited concerns about inheriting diseases prevalent in their families. Family medical history, especially of chronic diseases like cardiovascular conditions, emerged as a source of concern and heightened health anxiety among participants.

4.10.2 Anticipating health risks. The anticipation of health risks based on family medical history was a recurring concern. Participants were acutely aware of the potential for inheriting diseases like high blood pressure, stroke or cancer. “Knowing that several family members have battled breast cancer makes me more concern about my health [...]” (Female, Sweden) another participant shared.

4.11 Health information and health service needs

The respondents across Norway, Finland and Sweden unanimously expressed an urgent need for accessible and relevant health information and services, with particular emphasis on mental health support and specialist care for chronic health conditions.

4.11.1 Specialised health services: gender-specific needs. Female participants notably stressed the importance of child and women’s health services. Their comments reflect a desire for health-care systems that are sensitive to gender-specific needs. “Access to women-focused health services is crucial for us [...]” (Female, Sweden) one participant mentioned, indicating the need for more personalised care.

4.11.2 Male health concerns and general health awareness. Male participants often expressed concerns about diseases prevalent among men, such as respiratory and cardiovascular issues. “I need more information on managing heart diseases and respiratory problems common in men”, (Male, Norway) shared a male respondent, highlighting the gender-specific health information needs.

4.11.3 Newcomers’ navigational challenges. New arrivals, particularly those who had been in the host countries for less than five years, expressed a significant need for guidance on navigating the local health-care system. “Understanding the health-care system here is a challenge for many newcomers [...]” (Male, Norway) a participant noted, pointing to the need for better orientation and health system literacy programmes for asylum seekers.
5. Discussion

To the best of our knowledge, this study is the first of its kind to specifically explore the perceived susceptibility to physical and mental health problems among individuals with asylum-seeking or refused asylum-seeking backgrounds originally from Iran, Afghanistan and Tajikistan residing in Finland, Norway and Sweden. The study primarily investigated individual beliefs regarding the likelihood of developing medical or mental health issues. The findings reveal that perceived susceptibility among the studied group stems from three key sources:

1. beliefs and habits;
2. beliefs as asylum seekers living in studied countries; and
3. beliefs based on their own or their family’s medical histories, adding a new dimension to our understanding of health perceptions in this population.

The study’s significant findings echo previous research (e.g. Dean et al., 2017; Kennedy and Rogers, 2009) by highlighting similar beliefs among participants, such as differential treatment by local doctors, a lack of expertise among health-care providers in treating certain conditions and religious constraints in medical examinations. These beliefs, influenced by participants’ life experiences, cultural or religious beliefs and thoughts about susceptibility, underscore the need for culturally sensitive health-care practices in these countries.

Another critical finding was the impact of lifestyle factors like unhealthy eating, smoking and alcohol consumption on perceived health risks, aligning with previous studies (Mahmudiono et al., 2022; Pribadi and Devy, 2020). Furthermore, the study identified living, working and environmental conditions as significant contributors to health susceptibility beliefs. The emphasis on specific needs for health-related information and health-care services, such as women’s health and updated information about the health-care system, resonates with prior research (Byrow et al., 2019; Guedj and Weinberger, 1990; Lim et al., 2022; Mikkola et al., 2019; Mullins and White, 2019).

Notably, the study uncovered the complexities surrounding beliefs initiated by migration, personal medical history and family medical history. The interviewees highlighted various concerns, ranging from uncertainties about future living conditions to language barriers impeding professional continuation. These findings echo the broader literature on the subject and highlight the unique challenges faced by this population (e.g. Byrow et al., 2019; Mikkola et al., 2019; Strecher et al., 1995; Ye et al., 2021).

Regarding the study’s methodology, its strengths lie in its in-depth qualitative approach, which provides rich insights into a relatively understudied population. However, it also presents limitations, such as the potential influence of the interviewer’s background and the use of multiple languages, which might have affected participants’ responses. The validity of the study is supported by the diverse backgrounds of the participants, but reflexivity regarding the researchers’ backgrounds and perspectives is crucial to acknowledge. Overall, the study’s approach enabled a comprehensive understanding of the health beliefs and perceptions among asylum seekers and refused asylum seekers in Finland, Norway and Sweden, contributing valuable insights to the existing body of knowledge.

6. Conclusion

This study offers new insights into the distinct health perspectives and susceptibility concerns of Iranian, Afghan and Tajik individuals with asylum-seeking or refused asylum-seeking applications residing in Finland, Norway and Sweden. The findings of this research highlighted the complex nature of health beliefs that are affected by individual, cultural and
environmental factors within these specific populations in the Nordic region. The results indicated an urgent need for implementing health-care strategies that are culturally adjusted and providing specialised health information services that address the particular challenges encountered by these populations. This study elaborates on the health beliefs of a particular subgroup within the broader and varied population of asylum seekers, acknowledging the diversity within this particular demographic. It emphasises the significance of comprehending unique cultural and individual characteristics while addressing health-care needs among diverse groups of asylum seekers.

The study’s limitations, such as its concentration on a small number of participants from particular nations, highlight the necessity for more comprehensive research that encompasses a wider variety of asylum-seeking experiences. Future research could further investigate these findings and examine comparative perspectives by including native populations or second-generation individuals with asylum-seeking histories. Finally, this research enhances our comprehension of the vulnerability to health problems within a particular cohort of asylum seekers and refused asylum seekers, offering useful insights for customised medical services and regulations.

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Authors’ contribution: Hamed Ahmadinia, Conceptualisation, Method, Conducting interviews, Transcribing and translating the interviews, Formal analysis, Investigation, Writing – Original draft, Writing – Review and editing.

Jannica Heinström, Conceptualisation, Method, Investigation, Writing – Review and editing.

Kristina Eriksson-Backa, Conceptualisation, Method, Investigation, Writing – Original draft, Writing – Review and editing.

Shahrokh Nikou, Conceptualisation, Method, Translating the interviews, Formal analysis, Investigation, Writing – Original draft, Writing – Review and editing.

Note

1. Within the framework of the HBM, self-efficacy pertains to a psychological construct denoting an individual’s conviction in their own capacity to successfully execute certain health-related tasks or behaviours (Glanz et al., 2008).

References


Further reading

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