Estimating the prevalence of female genital mutilation in Portugal

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Abstract

Objectives: Due to globalised migratory processes, female genital mutilation/cutting (FGM/C) has spread to other countries, namely in Europe, where, despite a few exceptions, it remains a concealed problem. This study estimates the prevalence of FGM/C in Portugal, being the first national extensive one on this issue.

Study design: Prevalence estimation.

Methods: Using the extrapolation of country of origin prevalence data method and the 2011 Census data, we estimated: FGM/C prevalence in Portugal for women in reproductive age and for all women aged 15 or older; and the number of girls (aged 0 to 14) living in Portugal who underwent or will probably undergo FGM/C.

Results: We estimate that a total of 6,576 women living in Portugal aged 15 or older have undergone FGM/C and are unevenly distributed across the national territory. Also, we estimate that 1,830 girls living in Portugal have already or will probably undergo FGM/C until the age of 15.

Conclusions: We estimated that more than 6 thousand women are currently living in Portugal with the consequences of genital cutting and that there are many girls who are still at risk. Both these groups need different kinds of intervention. Knowing the dimension of the problem and its geographic configuration will enable a more informed and targeted definition of health public policies toward the protection of its victims and at-risk prevention.

Keywords: Prevalence; Female Genital Mutilation; Female Genital Cutting; Portugal
Introduction

Female genital mutilation (FGM) or female genital cutting (FGC) is widely recognized as a serious violation of human rights of women of all ages\(^1\). It constitutes a severe social gender-based problem, rooted in an imbalance of power between men and women, and it reflects one of the many forms of violence against women, representing society’s control over women and perpetuating asymmetric normative gender roles harming women in multiple ways\(^1,2\). FGM/C, a traditional practice embedded in the cultural framework, is, for the practicing communities, considered a rite of passage to adulthood necessary to raise a girl properly and to prepare her for marriage\(^1,3,4\). It is associated with the control of women’s bodies and sexuality by “guaranteeing” their virtue, fidelity, virginity, an enhancement of men’s pleasure, and family honour\(^4-9\).

FGM/C has grievous consequences to women’s and girls’ sexuality (e.g., pain during intercourse, less sexual satisfaction), physical (e.g., recurrent urinary tract infections, childbirth complications) and psychological (e.g., anxiety, post-traumatic stress disorder) health, education, and empowerment\(^4,10-13\).

The World Health Organization defines FGM/C as “all procedures involving partial or total removal of the external female genitalia or other injury to the female genital organs for non-medical reasons”\(^1\). The same organization classified the diverse practices into four types of FGM/C: Type I (clitoridectomy) – partial or total removal of the clitoris and/or the prepuce; Type II (excision) – partial or total removal of the clitoris and the labia minora, with or without excision of the labia majora; Type III (infibulation) – narrowing of the vaginal orifice with creation of a covering seal by cutting and appositioning the labia minora and/or the labia majora, with or without excision of the clitoris; and Type IV – all other harmful procedures to the female genitalia for non-medical purposes, such as pricking, piercing, incising, scraping, and cauterizing.
FGM/C is documented in 29 countries in Africa and Middle East although there are reports of FGM/C in many others, such as Mozambique, Malaysia, Israel, and Colombia. A recent study has documented type IV FGM/C in the Tete province, Mozambique, where it is common among young girls to elongate the labia minora (procedure locally designated as puxa-puxa, kukhuna or kupfuna). In this region, it is also common for girls and women to insert products or medicines in the vagina “in order to close, tighten or reduce the vaginal canal”. The prevalence of FGM/C varies greatly among the different countries and overall it is estimated that 100 to 140 million girls and women have already undergone FGM/C and that, globally, 90% of FGM/C include types I, II and IV, with type III making up for the remaining 10%.

Our use of the FGM/C terminology is in line with the current research and debate among academics and international development and human rights agencies. The term “mutilation” was first used by the Inter-African Committee on Traditional Practices Affecting the Health of Women and Children in order to emphasize the seriousness of this practice and to distinguish it from circumcision, and has been adopted by the majority of agencies and institutions working in the field. However, the term “mutilation” was also found to be judgmental and its use to be potentially disrespectful when working with practicing communities. So, a hybrid term – FGM/C (female genital mutilation/cutting) – is used in order to encompass all those meanings and sensibilities.

Specifically, this paper is intended to communicate a research project’s results regarding the estimation of the prevalence of FGM/C in Portugal, and of the number of girls at risk of FGM/C currently living in Portugal.

Presently, there are few national studies in the European Union (EU) countries where the prevalence of FGM/C is estimated and Portugal is the eighth country to conduct such a study (among the 28 member states). This study thus contributes to data collection and discussion on this matter – a step which is “fundamental to targeted and evidence-based policy making
and measures\textsuperscript{13} and to shed light on a concealed issue in terms of public action and debate, and its numbers and geographical dispersion.

In Portugal, several studies on FGM/C have already been conducted. However, these solely mobilized a qualitative perspective, based on case studies or specific communities\textsuperscript{6-8}, from the medical and health care standpoint\textsuperscript{4,10,20}, or on the theoretical discussion regarding the associated social processes and legal issues\textsuperscript{21,22}. The aims of these analyses were mainly to uncover and to understand a reality still hidden in Portugal.

Now, drawing from a quantitative perspective, this study adds the estimation of the number of women, currently living in Portugal, who have undergone FGM/C and of the number of girls who have been submitted to this practice or will probably undergo FGM/C to this existing literature.
Methods

We conducted a thorough review of the methodological options chosen by national studies on the prevalence of FGM/C in the European Union with the aim of building a comparable knowledge set. Accordingly, we explored the strengths and limitations of prevalence studies from Italy, Hungary, Ireland, Germany, The Netherlands, Belgium, and England and Wales.

We found that there was no common methodology and that we would be hard pressed to provide an estimate that could be directly comparable to existing national studies. Therefore, we chose to follow the most recent research methodologies, which have already benefitted from the latest debates on the field. Although all these studies used the extrapolation of country of origin prevalence data method, there were major differences regarding the counting of the populations mainly due to different conceptual approaches and data availability.

The extrapolation of country of origin prevalence data method, which was the one used to estimate FGM/C prevalence in Portugal, consists of multiplying the prevalence of the country of origin by the number of women born in each of those countries residing in Portugal. In short, we are applying the proportion of FGM/C of the country of origin to the host country. In order to compute more accurate estimates, we use age-specific prevalence to capture previous reported differences in FGM/C prevalence among different age groups.

In a strict sense, prevalence estimates regard only women in reproductive ages (15 to 49 years old). However, it was our aim to estimate the actual number of women currently living in Portugal with FGM/C. In order to do so, we also estimated its prevalence among women aged 50 or more. Since there are no prevalence estimates for this age group, we used the closest age specific prevalence (45-49 years). Finally, in order to estimate the number of girls, 0 to 14 years old, who have already undergone or will probably undergo FGM/C, we followed a similar
approach, in line with the most recent national EU studies (e.g., in England and Wales). Using the 2011 Census data, we considered the number of girls aged less than 15 years, living in Portugal, who were born in countries where FGM/C is documented and the girls who were born in Portugal to mothers born in those same 29 countries. Although the father’s family may, in some ethnic groups, have great influence on the decision of cutting the child, there is no sufficient and reliable data that would enable the inclusion of these specificities in the estimations. Thus, we used the same methodological approach as in the most recent international studies, which is to consider solely the mother’s country of birth. As there are no accurate prevalence estimates for this age group (0-14), we used the specific 15-19 years age group for the estimation.

Data sources

In order to employ the extrapolation of country of origin prevalence data method, we resorted to two different data sources: 1) the FGM/C prevalence in the country of origin, by age group; and 2) the number of women living in Portugal by country of birth and age.

For the first data set, we used UNICEF’s data compiled from different surveys, namely DHS (Demographic and Health Surveys), MICS (Multiple Indicator Cluster Surveys), RHS (Reproductive Health Surveys) and SHHS (Sudan Household Health Survey). FGM/C is documented in 29 African and Middle Eastern countries with available prevalence estimates by age group. These 29 countries can be clustered in 5 groups: 1) high prevalence countries (above 80%), which include Somalia, Guinea, Djibouti, Egypt, Eritrea, Mali, Sierra Leone, and Sudan; 2) moderately high prevalence countries (51 to 80%) including Gambia, Burkina Faso, Ethiopia, Mauritania, and Liberia; 3) moderately low prevalence countries (26 to 50%) comprising Guinea-Bissau, Chad, Côte d’Ivoire, Kenya, Nigeria, and Senegal; 4) low prevalence countries (10 to 25%), which include Central African Republic, Yemen, United Republic of
Tanzania, and Benin; and, finally, 5) very low prevalence countries (below 10%) including Iraq, Ghana, Togo, Niger, Cameroon, and Uganda.

Regarding data on the number of women and girls living in Portugal born in FGM/C practicing countries or born to mothers born in those countries, we used the latest Portuguese Census data (2011). Other sources, such as the national immigration office and the employment survey, were considered but found inadequate due to different constraints, namely the inexistence of information on the age group or other data for all the ages considered, a critical element for accurate prevalence estimations.

To estimate the prevalence of FGM/C in Portugal (women aged 15 to 49; plus women over 49 years), we compiled data on the resident population disaggregated by sex, age group, country of birth, and place of residence (region and municipality). We used the country of birth criterion and not nationality because a large parcel of these women may already have Portuguese citizenship (this is particularly common for women from Guinea Bissau, a former Portuguese colonial territory).
Results

Working through the 2011 Census data, we found a total number of 10.617 women born in FGM/C practicing countries living in Portugal, aged 15 to 49 years. When adding the female population over 49 years, we reach a total of 13.335 women.

Analysing the same data disaggregated by country of birth, we found that 89% of these women (in reproductive ages) come from Guinea-Bissau (9.452 women). Guinea-Bissau is, by far, the larger migrant community in Portugal among these 29 practicing countries, given the former colonial liaison and the current language proximity to Portugal. Other countries represent a considerably smaller percentage: we found 395 women from Senegal (3,7%); 161 from Guinea (1,5%); and 136 from Nigeria (1,3%). This distribution, including the remaining practicing countries, is presented below (table 1).

(Insert table 1)

Extrapolating the age group specific prevalence of each country of birth to the number of women, currently living in Portugal, born in the documented practicing countries, we estimate that 5.246 women living in the Portuguese territory, aged between 15 and 49 years, have been subjected to FGM/C (table 2).

If one also considers the female migrant population aged 50 or older, the women born in those 29 countries and that are 15 or older represent a total of 13.335 (10.617 women aged between 15-49 years old, plus 2.718 women that are 50 or older). Extrapolating the prevalence of the 45-49 age group to the 2.718 women aged 50 or older, we estimate that, among these, 1.330 women have probably been subjected to FGM/C.

Therefore, adding up these figures, we estimate a total of 6.576 women, aged 15 or older, that have undergone FGM/C, currently living in Portugal (table 2).
We did not find, however, a uniform distribution of these women over the Portuguese territory: they are concentrated mainly in the Lisbon district (more than two thirds), while 14% live in Setúbal, an industrial region south of Lisbon (figure 1). Even within the Lisbon district, these communities tend to concentrate on five of its 16 municipalities: one-third in Sintra, 14% in Loures, 12% in Odivelas, 12% in Amadora, and 11% in the Lisbon municipality proper. Together, they congregate 84% of Lisbon districts’ prevalence. This observation is crucial for the definition of more targeted local policies and priorities regarding prevention and women’s health care.

Regarding the number of girls who have undergone or will probably undergo FGM/C, we resorted to the same data source in order to reach comparable and coherent results. According to the 2011 Census, there were a total of 3,832 girls living in Portugal who were either born in FGM/C practicing countries (1,273) or born to mothers originating from those countries (2,559). Although the effect of migrating to a foreign country should contribute to the decrease of this practice (as we will discuss below), we were not able to quantitatively include this effect in our estimation. There is no standard methodology to quantify the qualitative information that we can compile on this matter. Among the national prevalence studies currently available in the EU, only the Italian tried to adjust their prevalence estimates by modifying the average FGM/C practicing countries’ prevalence used in the extrapolation method. However, since no
methodological description of the procedure is provides, we are not able to access its validity or applicability to other contexts.

Using the extrapolation of country of origin prevalence data method, and using the specific 15-19 years old age group prevalence, we estimated that 1,830 girls living in Portugal have already or will probably undergo FGM/C until the age of 15 (table 3).

(Insert table 3)

Altogether, these data show that the prevalence of FGM/C in Portugal is 49%, meaning that we estimated that 5,246 of the 10,617 women in reproductive ages, from FGM/C practicing countries, living in Portugal, have been subjected to this practice. Overall, and also considering women aged 50 or older, this figure rises to 6,576 women. Regarding the girls who have already undergone or will probably undergo FGM/C, we estimate that there are 1,830 girls living in Portugal, born in FGM/C practicing countries or born to mothers from those countries, in this circumstance.

These women, who have been subjected to FGM/C, will probably need specific medical attention. Since different studies have identified the need for specialized medical knowledge on this matter, in line with other European countries, knowing how many cases and where they are located could make the training of health care professionals become more effective.

Although this may not represent a quantitatively major issue in Portugal (compared with the numbers concerning violence against women, which tell us that one in three women was a victim of physical, psychological, and/or sexual violence), it is still a matter of great concern, as it symbolizes a severe form of gender-based violence that perpetuates power asymmetries between men and women.
Discussion

This study, which was the first national extensive one on this matter, aimed to estimate the prevalence of FGM/C in Portugal. We were able to estimate that there are 6,576 women living in Portugal who were subjected to FGM/C (5,246 aged 15 to 49; and 1,330 aged 50 or older). We estimate that 1,830 girls living in Portugal have already or will probably undergo FGM/C until the age of 15.

The currently available national prevalence studies in the EU reveal prevalences ranging from 27 to 48%. However, due to different methodological and conceptual approaches, these data are not comparable to ours, except for the most recent study from England and Wales. Portuguese prevalence (49%) is in line with the one found in these two countries (48%), yet two very different realities emerge in absolute terms: while in Portugal, these 49% represent 5,246 women, in England and Wales 48% represent 137,000 women.

In order to overcome these comparison limitations, a standard cross-country methodology is being developed, under a DAHNE Funding Program, by the University of Ghent in collaboration with the Institut National d’Études Démographiques (France), and the Department of Sociology of the Università degli Studi di Milano-Bicocca (Italy). Results are expected by the end of 2016.

As previously suggested, FGM/C prevalence tends to be reduced outside the communities of origin, due to a higher access to information and education resources, lower peer pressure, and the knowledge of a penalizing law in the host countries (in Portugal, FGM/C has recently been defined as an autonomous criminal offense, as per Law nº 83/2015, August 5th, Article 144º A). However, the current study could not address this issue in a quantitative manner due to the time constraints that limited our methodological options. Hence, our prevalence estimates do not reflect the putative impact of migration even though this issue was addressed on the qualitative dimension of the broader research through in-depth interviews.
(which took place in 2014 and 2015). The interviewees have shown some ambivalence regarding this specific matter. On the one hand, many of them believe that leaving their country and their community will relieve the social pressure to continue this tradition. This is due to integration and acculturation processes, as well as access to education, an important factor to raise critical reflexivity, and to symbolically deconstruct this practice. On the other hand, some of them state that this practice may represent one of the means of preserving a cultural connection to their birth communities.

Therefore, in order to clarify immigration impact on FGM/C prevalence and to have more accurate estimates, upcoming studies should include this important dimension with a solid methodological foundation, namely by resorting to methodologies oriented for hard to reach populations, such as time-location sampling or response-driven sampling.35, 36

The current study did not include numbers on refugees or asylum seekers since the responsible institution for this data was not able to provide disaggregated data. In any case, we analysed the United Nations’ Refugee Agency’s reports and the presented figures do not show Portugal as one of the major host countries for these populations37 (Portugal is not even referred to in the UNHCR update report of 201438; in 2014, 42 women from FGM/C practicing countries requested asylum39). Hence, the lack of this information should not have a major impact on the global figures presented in this study.

Despite the above mentioned shortcomings, we were able to access highly disaggregated data – prevalence by age group, by country of birth, by district, and by municipality – which is very useful in identifying lifecycle specific needs for medical care and social services, and in providing regional and local institutions (NGOs, health care services, schools) with more specific information on the extent of the phenomenon in their territories. Precisely because this practice has major consequences on its victims’ health throughout their life, it is crucial that the access to, and the support from, health services are easily facilitated, this not being only a matter of human rights but also one of public health40.
This study has shown the magnitude and the geographic distribution of FGM/C in Portugal, a crucial set of information for a targeted definition of health public policies, as depicted in the 3rd Programme of Action for the Prevention and Elimination of Female Genital Mutilation, in the framework of the 5th National Plan to Prevent and Combat Domestic and Gender-based Violence. Unveiling this reality constitutes an important step towards increasing awareness. This will ultimately contribute to the eradication of FGM/C, one of the many faces of gender-based violence, and its harmful physical and psychological health consequences.
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References


Figure captions

Figure 1. Distribution of women (15 years or older) who have undergone FGM/C, living in Portugal, per district