# The Impact of a Gender-Transformative Participatory Intervention on Intimate Partner Violence and HIV Risk Behaviors in Ethiopia

**Researchers:**

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**Sector(s):** Crime, Violence, and Conflict, Gender, Health

**Location:** Ethiopia

**Sample:** 6770 households across 64 villages

**Target group:** Men and boys Rural population Women and girls

**Outcome of interest:** Alcohol, tobacco, and drug use HIV/AIDS Violence Gender attitudes and norms Gender-based violence

**Intervention type:** Training Norms change

**AEA RCT registration number:** AEARCTR-0000211

**Données:** https://osf.io/pwd87/

**Research Papers:** Effectiveness of a culturally appropriate intervention to prevent intimate part..., An intimate partner violence prevention intervention for men, women, and couple..., Community-level spillover effects of an intervention to prevent intimate partne..., Cost-effectiveness analysis of an intimate partner violence prevention interven...

**Notes:** This evaluation was started while Vandana Sharma was a staff member at J-PAL

**Partner organization(s):** An Anonymous Donor, Addis Ababa University, Ethiopian Public Health Association, EngenderHealth, Fondation de France

Globally, 30 percent of women experience physical and/or sexual violence by an intimate partner (IPV) in their lifetime. Among other challenges, IPV is associated with various negative health consequences, including increased risk of HIV transmission, substance use, and depression. Researchers evaluated the effect of a gender-transformative skills-building program on IPV incidence, HIV risk behaviors, and other health outcomes in rural Ethiopia. Overall, the program led to reductions in IPV when delivered to groups of men, but not when delivered to couples or to women only. Further, across all groups, the program increased support for gender equitable norms, increased equity in intrahousehold decision-making, and reduced HIV risk behaviors.

## Policy issue

Globally, 30 percent of women experience physical and/or sexual violence by an intimate partner (IPV) in their lifetime. [1], The well-documented health consequences of IPV include injuries, unintended pregnancies, sexually transmitted infections, long-lasting effects on mental health, and, in the most extreme cases, death. [2], IPV survivors are also subject to economic and social costs, such as reductions in income and social stigma. [3] Over the past decade, researchers and practitioners have been increasingly dedicated to designing and evaluating programs focused on preventing IPV and its impacts.

Social norms reinforcing gender inequalities are considered key drivers of both IPV and HIV transmission as they reduce women's ability to seek protection from abuse and negotiate safe sexual relationships. Group-based participatory education interventions aimed at reducing IPV by addressing gender and social norms have shown promise when targeted to women, but there is limited evidence on how these interventions may work when targeted to men or couples. Can a community-based gender-transformative participatory intervention delivered to men, women, or couples effectively build more gender equitable attitudes and behaviors? If yes, will these changes lead to reductions in IPV and improve related health outcomes?

## Context of the evaluation

In 2005, Ethiopia reported the highest prevalence of IPV in any of the 10 countries surveyed by the World Health Organization as part of their multi-country study on women's health and domestic violence. In rural Ethiopia, where this study took place, 49 percent of ever-partnered women had experienced physical violence by a partner at some point in their lives, and about 60 percent had experienced sexual violence. [4] This put women in Ethiopia at greater risk of contracting HIV as evidence suggests there is a higher prevalence of risky sexual behavior among male perpetrators of IPV. The HIV prevalence among Ethiopian men is 0.6 percent and 1.2 percent among women, but HIV knowledge levels are low.

In Ethiopia, the coffee ceremony is an integral part of social and cultural life, as well as a forum for discussions and conflict resolution. This culturally established forum provides an ideal setting for implementing an interactive gender training program in between rounds of serving coffee. Furthermore, since traditionally, women prepare coffee during a ceremony lasting several hours, there is also an opportunity to model and promote more gender-equitable behaviors by asking all participants, regardless of gender, to take turns preparing the coffee.

A group of Ethiopian women lighting candles.

Photo: Garrick Ng | J-PAL

## Details of the intervention

Researchers partnered with EngenderHealth, Addis Ababa University, and the Ethiopian Public Health Association to design and evaluate a gender-transformative training program aimed at preventing intimate partner violence and other health related issues, such as HIV transmission. Unite for a Better Life (UBL) is a participatory group program involving skills-building sessions that are delivered during Ethiopian coffee ceremonies.

The research team identified 64 villages in southern Ethiopia to receive the program. Villages were randomly assigned to four different groups of the same size:

1. *Couples' UBL:* In these villages, both spouses from married or cohabitating households participated in the UBL program, and each session was led by one male and one female facilitator.
2. *Men's UBL:* In these villages, only the men from married or cohabitating households participated in the UBL program, and each session had one male facilitator.
3. *Women's UBL:* In these villages, only the women from married or cohabitating households participated in the UBL program, and each session had one female facilitator.
4. *Comparison:* Instead of the normal UBL curriculum, households in these villages received a short educational session on IPV and HIV/AIDS prevention.

This allowed researchers to compare the relative effectiveness of UBL when delivered to women only, to men only, or to couples. A total of 6,770 randomly selected households enrolled in the study.

The UBL sessions focused on identifying and transforming power imbalances and building skills for healthy, non-violent, and equitable relationships. Each session focused on a different topic, such as gender norms, power dynamics, consent, and HIV prevention using interactive activities, group discussions, and modeling behavior within the coffee ceremony. The twice-weekly sessions involved groups of about twenty people each, totaling 38 hours across fourteen meetings. Facilitators had gone through the UBL program themselves and received a 10-day facilitator training.

Researchers collected data on experience or perpetration of IPV in the past year, HIV knowledge and behaviors, gender norms, household decision-making and task-sharing, male use of substances (alcohol and khat), and women's reported depressive symptoms. Baseline surveys took place between December 2014 and March 2015, before the start of the intervention, and the follow-up surveys occurred two years after the intervention, in 2017 and 2018. Researchers also surveyed households in treatment villages who were enrolled in the evaluation, but randomly selected as treatment non-participants, in order to assess potential spillover effects of UBL.

## Results and policy lessons

The UBL intervention reduced past-year IPV when delivered to groups of men only, but not when delivered to couples or to women only. At the same time, support for gender equitable norms and men's involvement in household tasks increased across all groups, and both men and women showed improvements in a range of HIV-related behaviors.

*The UBL program reduced IPV when delivered to groups of men:* Sexual IPV declined as a result of the program, but only in communities where the men's UBL program was implemented. In this group, the odds of women reporting experiences of sexual IPV in the past year declined by 20 percent while the odds of men reporting perpetrating sexual IPV declined by 27 percent, both

relative to individuals in the comparison group. For participants who attended at least 12 of the 14 UBL sessions, the men's UBL group reduced the odds of perpetrating sexual IPV in the past year by almost 50 percent. Regarding physical IPV, there was no effect of the intervention on women's experience or men's perpetration of physical IPV in the past year across any of the UBL groups on average. However, participants who attended at least 12 of the 14 men's UBL group sessions reported perpetrating less physical IPV.

*The UBL program led to more equitable relationships:* Support for gender equitable norms increased among participants in all three groups. Participants also reported an increase in men's involvement in childcare and household tasks. In the couples' and men's UBL group, the results suggest that household decision-making may have become more equitable as men (but not women) were less likely to report that men dominate decisions over large purchases, spending time with family or friends, or other matters. Both men and women in the men's UBL group also reported improved knowledge of IPV laws.

*The UBL program also improved HIV-related knowledge and behaviors:* Overall, women reported increases in HIV knowledge and were more likely to report using a condom at their last sexual intercourse. Men's comprehensive HIV knowledge did not increase in any group and neither did their condom usage. However, men across all groups were more likely to discuss HIV risks with their partner, while men in the couples' and men's UBL groups reported being more confident in their ability to use a condom. Men in the couples' UBL group were also 48 percent more likely to have been tested for HIV than men in the comparison group.

*The UBL program had limited impacts on substance use and symptoms of depression.* When evaluating women's reports of their spouses' substance use habits, researchers found no impact of the program on alcohol or khat use, and related problems, in the past year. However, men in the couples' UBL group were less likely to report being frequently intoxicated by alcohol in the past year and more likely to report frequently using khat in the past year. Meanwhile, women did not report any change in symptoms of depression except in the women's UBL group, among which symptoms of moderate depression were 54 percent higher than in the comparison group. This may reflect a change in reporting patterns rather than actual depressive symptoms: after completing the program, women may have become more comfortable reporting their depressive symptoms.

*The UBL program also provided benefits to households that were not selected to participate.* Within the communities participating in the UBL program, households that were not selected to participate benefited as much as participating households. For instance, non-participating households in villages where the program was delivered to men experienced similar decreases in men's reported perpetration of sexual IPV in the past year as participating households. Further, the program shifted gender norms and HIV risk behaviors among non-participating households when delivered to men, women, and couples. The similar program benefits to participants and non-participants alike suggests that the UBL program messages diffused throughout the broader community.

*The UBL program was a cost-effective way of preventing IPV.* The estimated annual cost, in 2015, of developing and implementing all UBL groups for one year was US$296,772, or approximately US$74 per program participant. Across UBL groups, the estimated cost per case of physical and/or sexual IPV averted in the past year was US$2,726 for the sample of direct beneficiaries. UBL is more cost-effective when factoring in all community-level beneficiaries, or women of reproductive age in program communities, including direct participants and non-participants. In this case, the cost of developing and implementing UBL for one year was US$5 per community-level beneficiary, and the cost per case of physical and/or sexual IPV averted in the past year was US$194. Compared to similar IPV prevention programs, UBL was 60 to 75 percent more cost-effective in preventing IPV among community-level beneficiaries, although the cost per direct participant was higher.

Taken together, these results suggest that male engagement is critical for the success of IPV interventions such as UBL, especially when programs are embedded in local traditions. Further research is needed to understand the mechanisms through which gender transformative norms can lead to reductions in IPV, as well as how these programs can influence mental health related outcomes.

Although initially designed for villages in rural Ethiopia, UBL has been successfully adapted to other contexts in East Africa and has the potential to be implemented in other regions. See some examples below:

- *UBL in refugee camps:* In 2016, UBL was adapted for delivery in a humanitarian context—Somali refugee camps in Dollo Ado, Ethiopia. The adapted UBL program comprised 16 sessions designed to be delivered to groups of women, men, and couples in the context of the "Somali tea talks" (relevant to this setting). Two additional sessions were included to address specific factors underlying IPV risk in this context.
- *UBL as a podcast series:* A podcast-based adaptation of the UBL intervention has been developed and piloted in order to expand the program to hard-to-reach populations in both low-income and humanitarian settings, when in-person group-based sessions may not be possible. The UBL podcast intervention delivers the content via a series of audio episodes containing dramas, interviews, and debates that can be broadcast at Listening Centers (safe spaces within the community), or potentially listened to on an individual's own mobile device in their home.

Drawing on learnings from the two UBL adaptations above, researchers are compiling lessons on how to effectively adapt IPV interventions to new contexts. The researchers are planning to adapt UBL to new contexts in Southeast Asia and the Caribbean, and are exploring further randomized evaluations and long-term follow-ups to build on their existing work.

Further, UN Women and WHO recommended the UBL program to policymakers as an effective, evidence-backed program in their resource guide *RESPECT Women: Preventing Violence Against Women – Implementation Package*. This resource is intended to summarize the global evidence on effective ways to reduce violence against women and provide practical guidance on how these programs can be adopted. A comprehensive summary of the UBL program and its implementation was featured in the resource to encourage national and subnational policymakers to carry out the program.

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2. Chang et al. "What works to enhance women's agency: Cross-cutting lessons from experimental and quasi-experimental studies." J-PAL Working Paper, July 2020.

3. Duvvury, Nata, Aoife Callan, Patricia Carney, Srinivas Raghavendra. 2013. "Intimate Partner Violence: Economic Costs and Implications for Growth and Development." *The World Bank, Women's Voice, Agency and Participation Research Series*, no. 3.

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