



MAISHA

Adaptation and application of
IMAGE intervention model to reduce
intimate partner violence in Tanzania

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Background

- Evidence on effective interventions to reduce intimate partner violence (IPV) is severely lacking
- The Intervention with Micro-finance for AIDS & Gender Equity (IMAGE) developed in rural South Africa
- Combines a group-based micro-finance intervention with a participatory gender and HIV training curriculum for loan participants



Background

- A cluster randomised controlled trial showed a 55% reduction in past year levels of physical and/or sexual violence over a two-year period

Pronyk et al, Lancet 2006



Research questions

- Is a combined micro-finance and gender training intervention effective in reducing IPV in other settings?
- Can a similar reduction in IPV be achieved by combining gender training for women with gender training for men?
- What are possible pathways to reduce IPV and how do the interventions feed into them?
- Is it cost-effective?





MAISHA

Adapt and apply IMAGE
to reduce IPV in
Mwanza City, Tanzania



Violence in Tanzania

- IPV is common in Tanzania
- Overall, 45% of women aged 15-49 yrs have ever experienced either physical or sexual violence
- Variation across Tanzania (Mwanza – 44%)
- 33% of women aged 15-49 yrs experienced physical violence in the previous 12 months (Mwanza – 42%)

Tanzania Demographic and Health Survey 2010

Primary research questions

- **Is micro-finance combined with a participatory gender training** package delivered to women effective in reducing IPV?
- **Is a participatory gender training** package delivered to women (not receiving micro-finance) and to their male partners effective in reducing IPV?



Interventions

- Participatory gender training package (10 sessions)
 - developed by EngenderHealth
 - based on the ***Sisters for Life*** curriculum developed by the IMAGE Project in South Africa
- Micro-finance loan scheme provided by Bangladesh Rural Advancement Committee (BRAC Tanzania)

Primary outcome

- Women's reported experience of IPV during the past 12 months at two years post-intervention

Secondary outcomes

- Household asset ownership
- Patterns of household communication, decision making & conflict resolution
- Sexual and reproductive health, including reported sexual behaviour and use of services
- Common mental disorders



Study design

- Mixed methods study comprising
 - cluster randomised controlled trial (RCT)
 - in-depth qualitative study
 - integrated process evaluation
 - full economic costing
- Cross-sectional survey of male partners

Cluster RCT design

Component A

**Existing
MF groups
N=66**



**Continue
with MF only
N=33**

**MF + gender
training
N=33**

Component B

**New (non-MF)
groups
N=66**



**No
intervention
N=33**

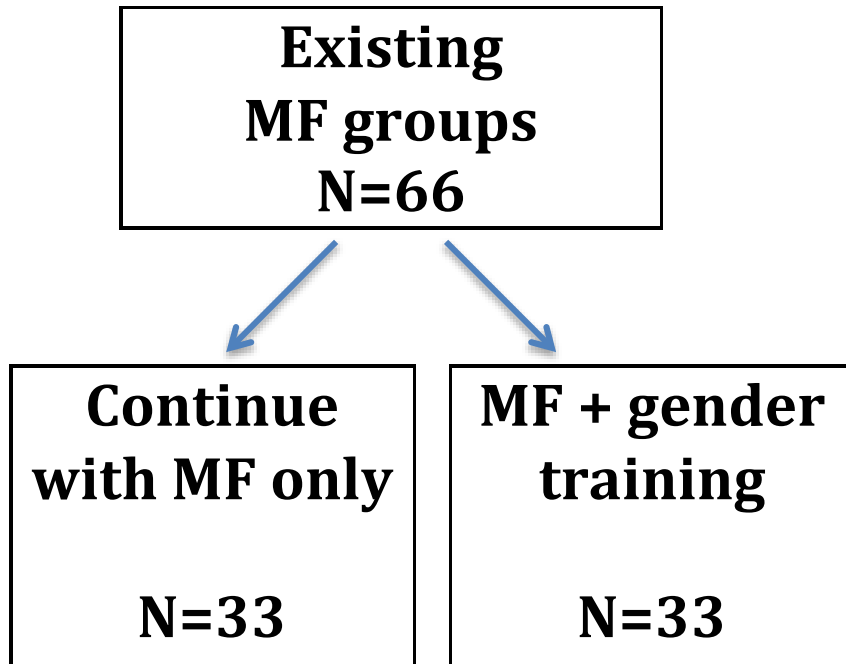
**Gender
training
(incl men)
N=33**

Sample size

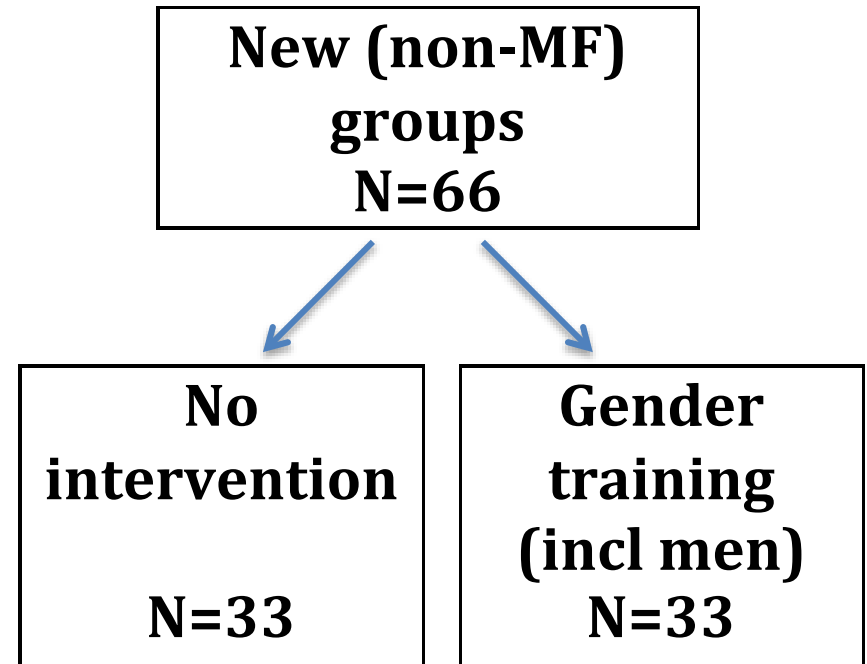
- The proposed design will give 80% power to detect between 30% and 50% reduction in the past 12 months exposure to violence
- Assumes past year prevalence of IPV of 30% and an average of 20 women per group

Cluster RCT design

Component A

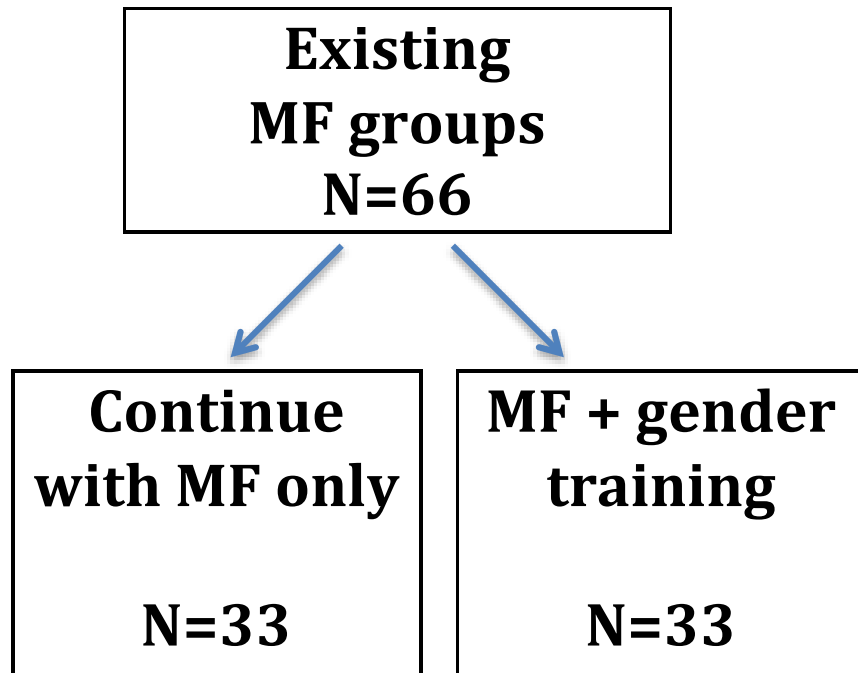


Component B



Cluster RCT design

Component A



BRAC in Mwanza City

Seven branches located across Mwanza City

Three branches selected to take part in the trial:

Nyakato (n=74 groups)

Kirumba (n=72 groups)

Kilimahewa (n=74 groups)

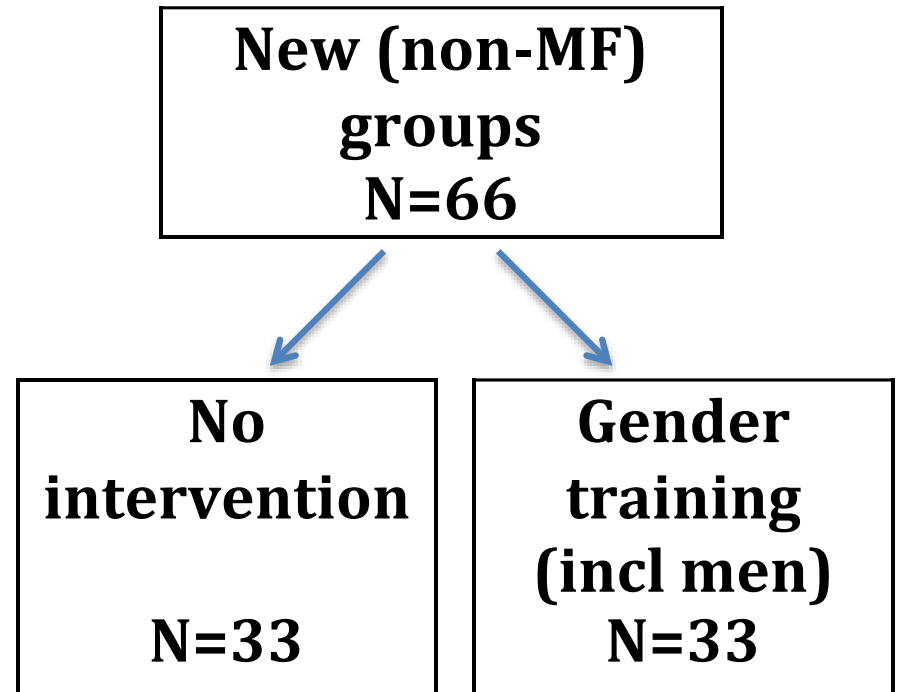


Micro-finance group inclusion criteria

- 15 – 30 active members
- Less than 25% of women been members for less than one year
- Good attendance (repayment) record based on BRAC records
- Minimum of 70% active members consent to take part in the study

Cluster RCT design

Component B



Inclusion criteria

- Age 20-50 years
- Not formally employed (i.e. self employed or currently not working)
- Resident in Mwanza City for at least 2 years
- Not a member of a formal micro-finance loan group
- Consent to take part in the study

66 groups of about 20 women per group

Baseline survey

Face-to-face interview (structured questionnaire):

1. About your household
2. About you and your partner
3. About your income
4. About you and your health
5. About your attitudes and social norms
6. About your relationship
7. About your childhood
8. About your community



Participatory randomisation procedure

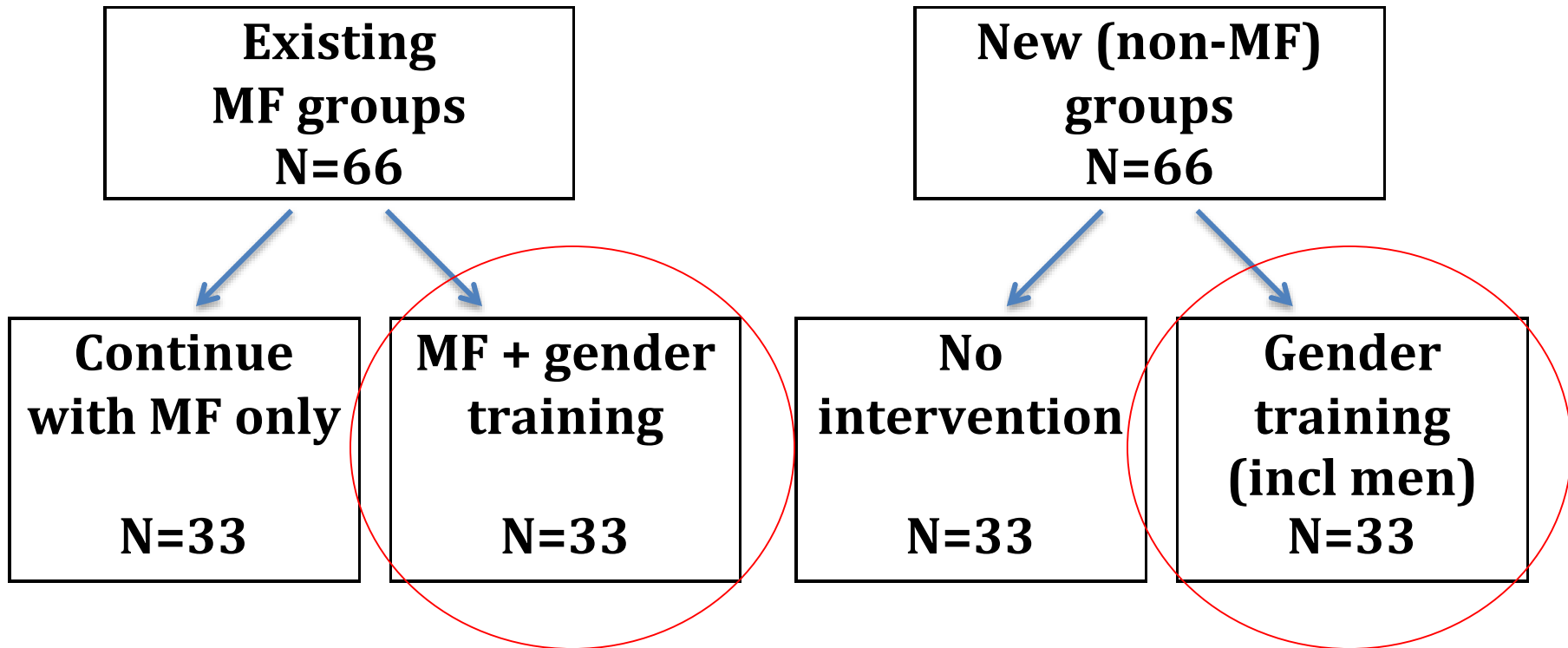


- Groups randomised in blocks of six:
 - representative from each group attends open randomisation meeting
 - randomisation by ballot box (6 pieces of paper, 3 A and 3 B)
 - Flip of coin allocates either A or B to receive intervention
- Outcome meeting held in each group to inform members of the outcome

Cluster RCT design

Component A

Component B



Participatory gender training



- 10 sessions over 20 weeks
- Local venue agreed by the group

Female curriculum

1. Understanding gender
2. Act like a man, act like a woman
3. Healthy and Unhealthy relationships
4. Power and control in relationships
5. Negotiating men's and women's roles Inside and outside the home
6. Communicating assertively with your partner
7. Violence
8. Setting personal boundaries
9. Non-violent ways to resolve conflict
10. Empowering change and program closure



Male curriculum

1. Understanding Gender
2. Act like a man, act like a woman
3. Healthy and unhealthy relationships
4. Expressing emotions and dealing with anger
5. Negotiating men's and women's roles in and outside the home
6. Practicing good listening with your partner
7. Violence
8. Giving and accepting sexual consent
9. Non-violent ways to negotiate conflict
10. Empowering change and program closure

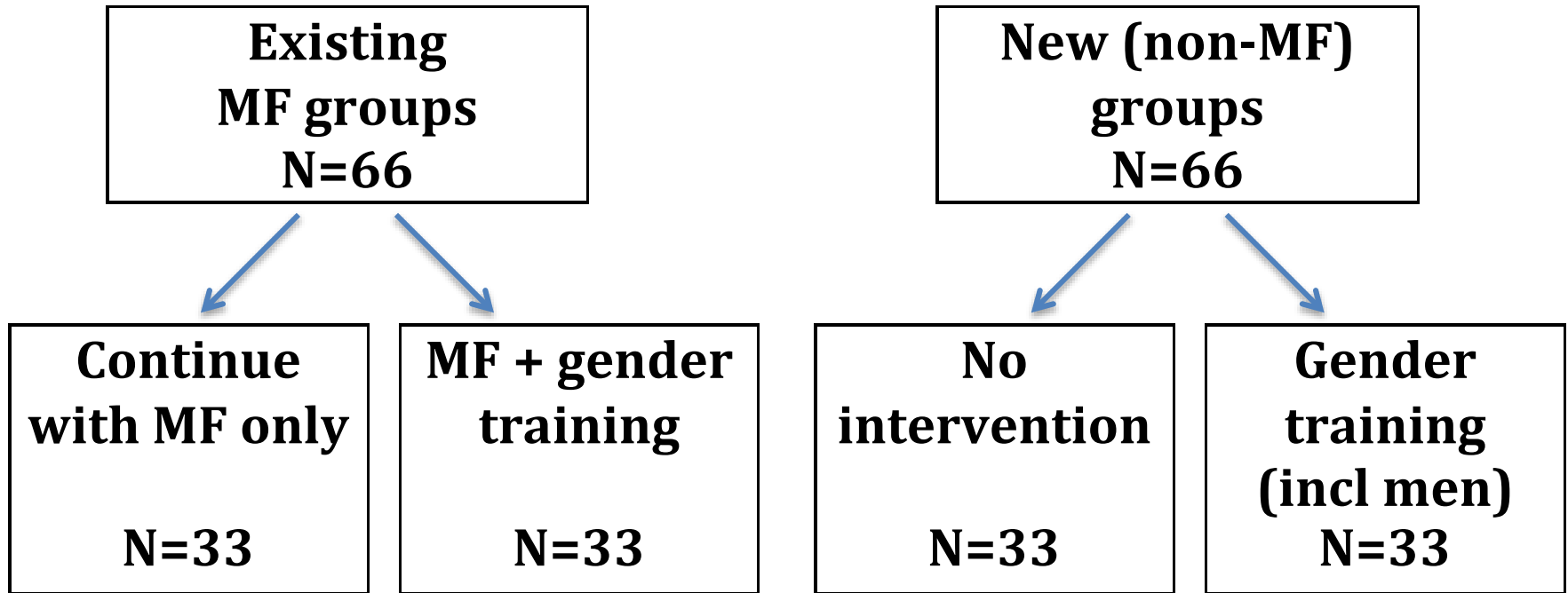


Follow-up

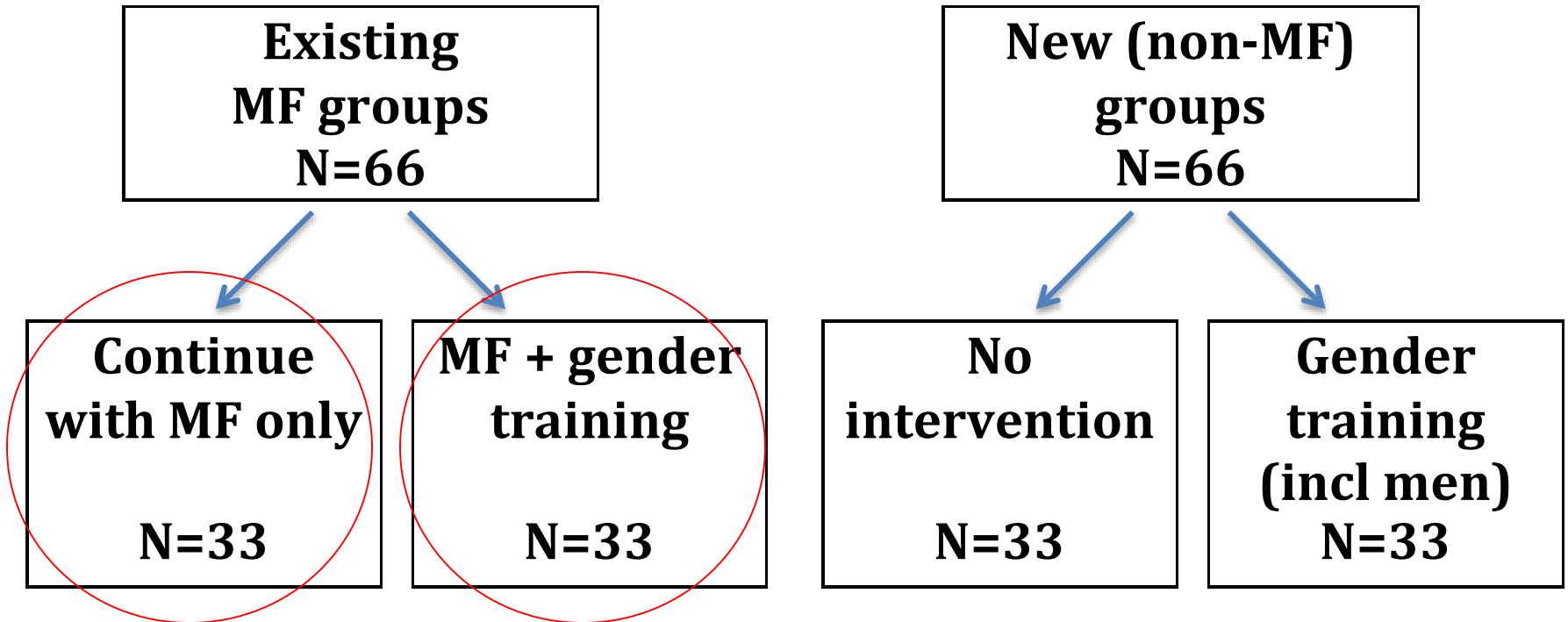
- Two years post delivery of the intervention
- Face-to-face interview (structured questionnaire)



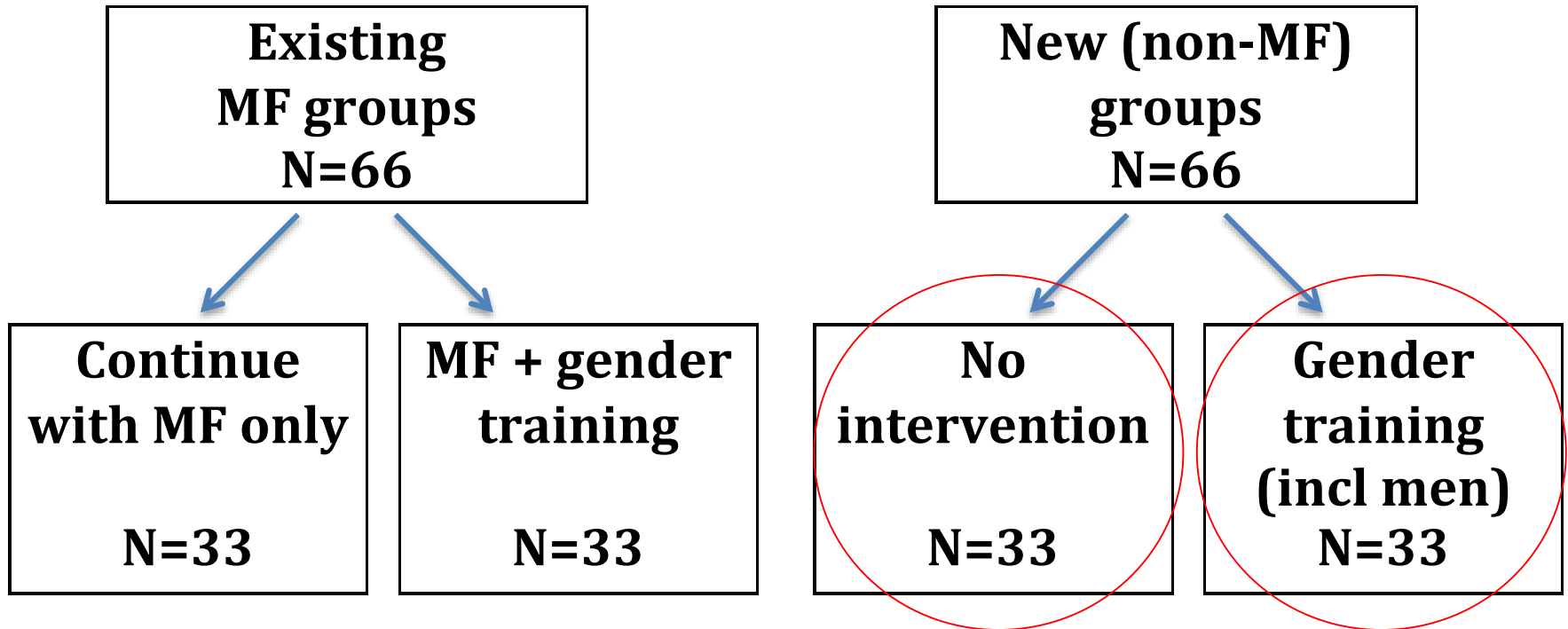
Primary analyses



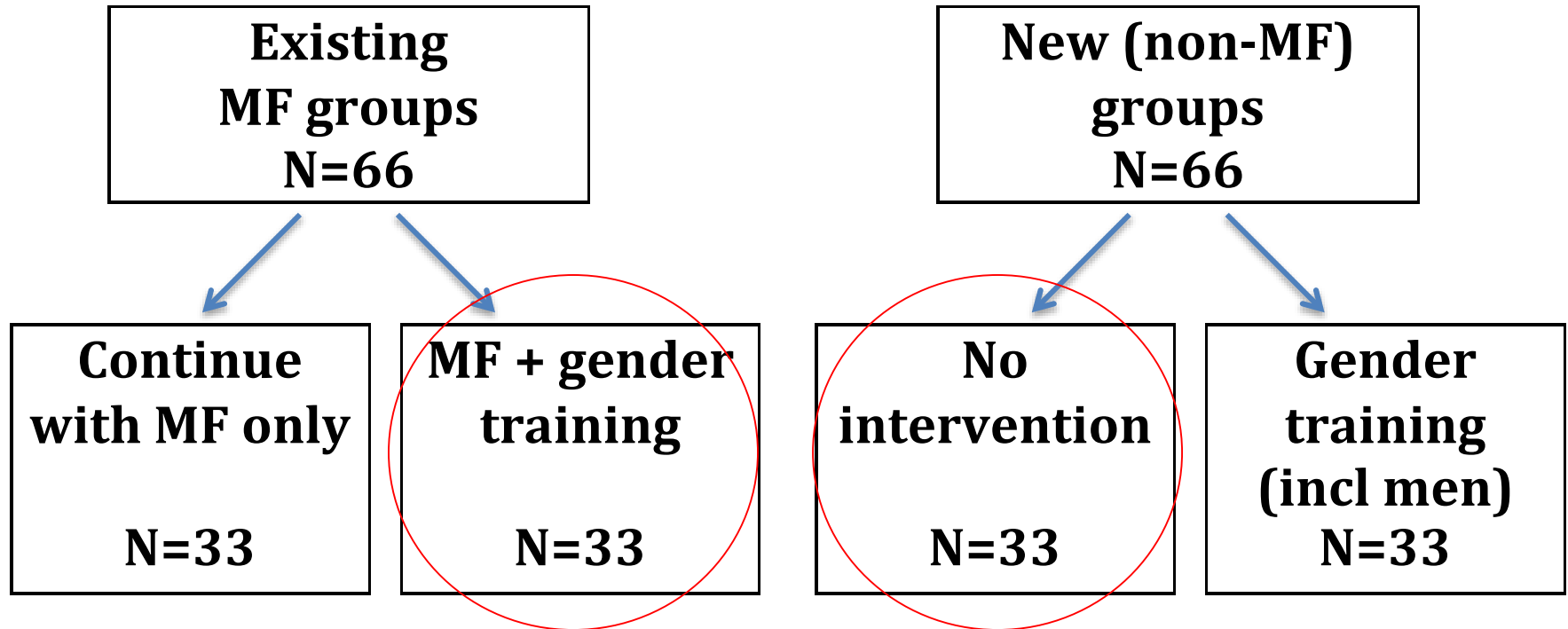
Primary analyses



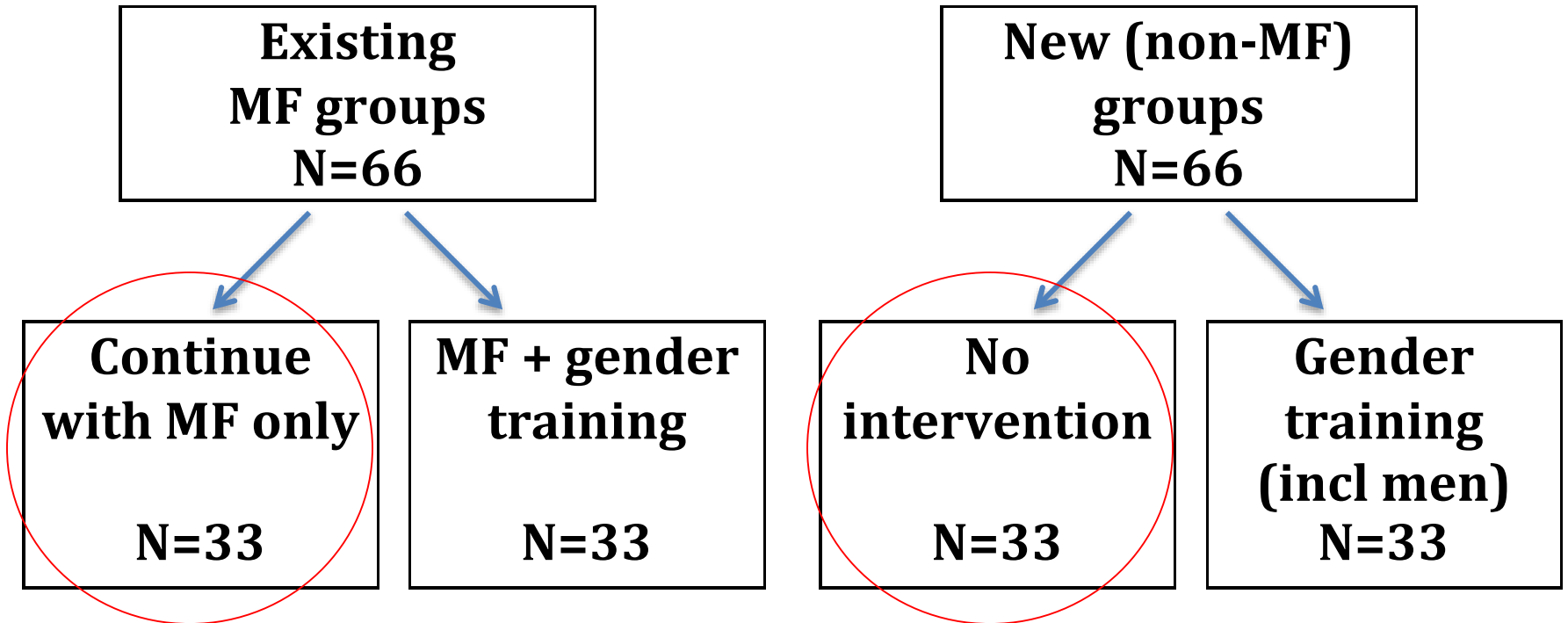
Primary analyses



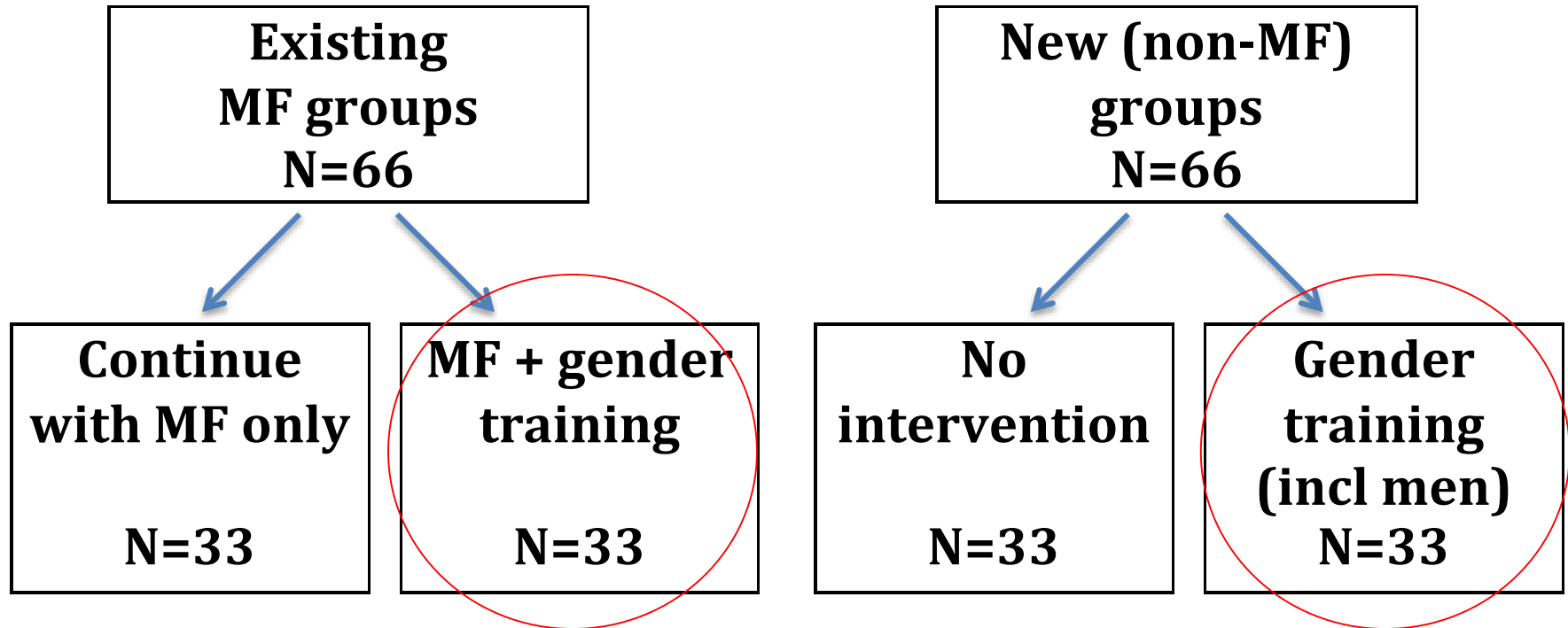
Secondary analyses



Secondary analyses



Secondary analyses



Progress to date

- 66 micro-finance groups recruited
- Delivery intervention ongoing – complete by December 2015
- Non micro-finance groups (Component B)
– pilot study ongoing

Prevalence of violence in Mwanza

- Data on 1022 women in micro-finance loan groups who completed a baseline survey

Prevalence of violence in Mwanza

Ever
(n=1022)
n (%)

Any physical violence 542 (53)

Any sexual violence 356 (35)

Any physical and/or
sexual violence 622 (61)

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(n=1022)
n (%)

Any physical violence 542 (53)

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Prevalence of violence in Mwanza

	Ever (n=1022) <i>n (%)</i>	Past 12 months (n=1022) <i>n (%)</i>
Any physical violence	542 (53)	194 (19)
Any sexual violence	356 (35)	171 (17)
Any physical and/or sexual violence	622 (61)	271 (27)

Prevalence of violence in Mwanza

	Ever (n=1022) <i>n (%)</i>	Past 12 months (n=1022) <i>n (%)</i>
Any physical violence	542 (53)	194 (19)
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Acknowledgements

Study participants



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Veronica Godfrey Kamali

Esther Kaposwe

Irine Mazanda

Majuto Isaya Sanga

Mariam John Makoye

Euphrasia Mwakalikamo

Neema Mashimba

Lilian Maliki Sanga

Imani Mwampulo

Enos Mbata

Damian Mkana

Domina Mihambo

Yusta Ntibashima

Regina Laizery

Monica Mhema

Helena Lawi

Conchester Didace

Helen Majige

Joyce Tondi

Mary Makinde

Lina Patrice

Jeddy Mishana

Kija Nyalali

Flora Madaha

Lorraine Kiswaga

Joyce Wamoyi

Saidi Kapiga

Veronica Selestine



Thank you

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