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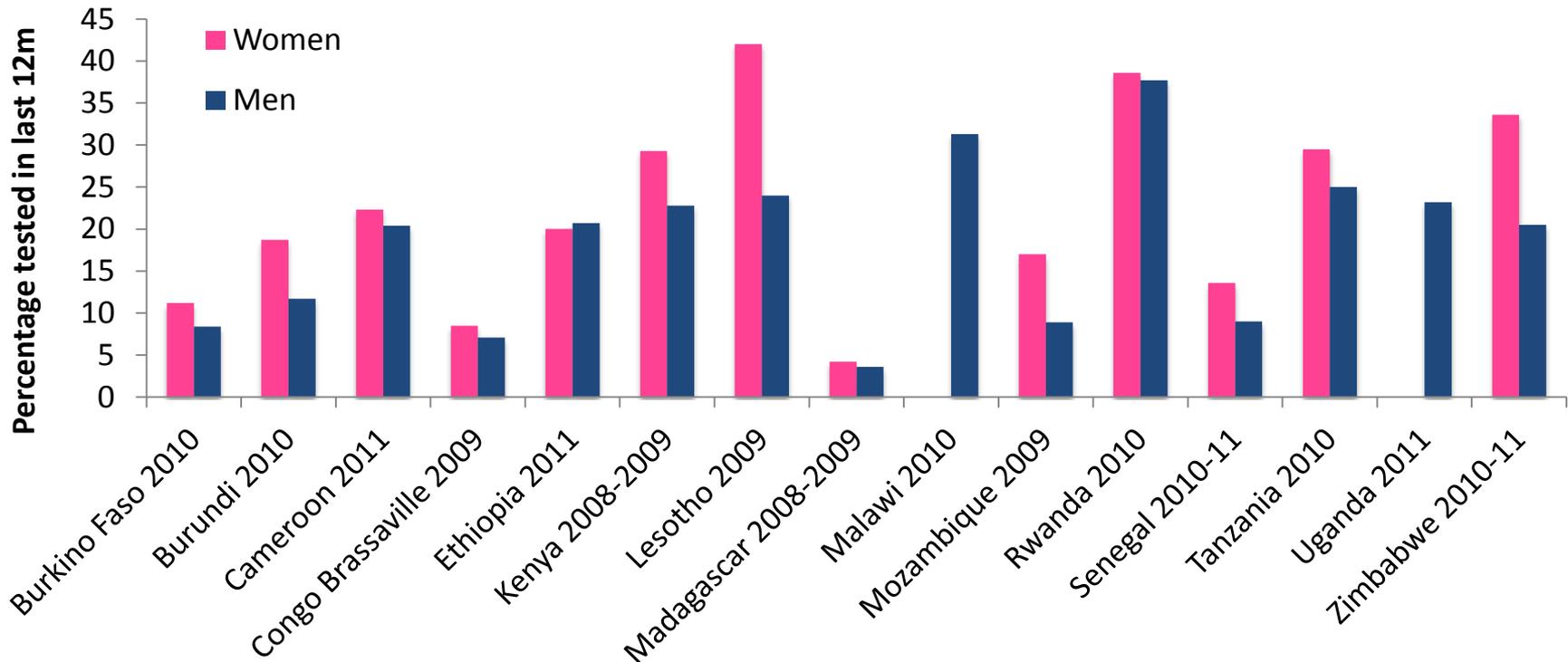
Increasing access to HIV testing: Self-testing and community testing approaches

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Rates of HTC are suboptimal



Median reporting tested in last 12 months:

- Women = 20%
- Men = 20%

Median reporting ever tested:

- Women = 51%
- Men = 37%

PITC is necessary, but not sufficient

Provider-initiated HTC

- Acceptance ranges from 31% (South Africa) to 99% (Uganda) – 44 studies¹
- Under programmatic conditions, completion may fall sharply
 - 13% of PHC attendances in Blantyre²
- **Population impact limited:**
 - Very low completion in men (8%) /non-pregnant women (6%) attendees
 - Many community members rarely attend facilities
 - Over reliance on health worker making time to do PITC in overstretched health systems³
 - Resource intensive (e.g. counselling)⁴
 - Stock-outs
 - Inconvenient and long waits
 - Stigma

➤ Continued late presentations

1. Roura et al, AIDS 2013
2. MacPherson et al, TMIH 2012
3. MacPherson et al, JIAS 2013
4. Siedner et al PLoS One 2012

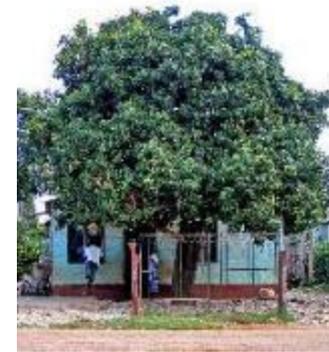
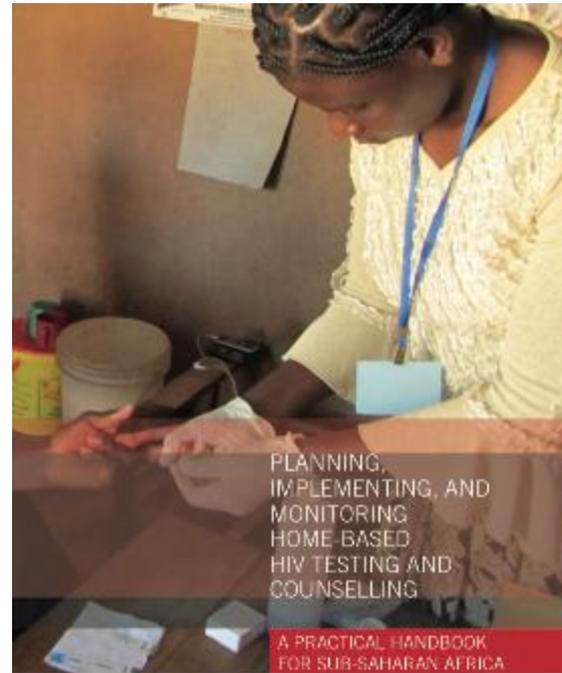


Community-Based Approaches to HTC

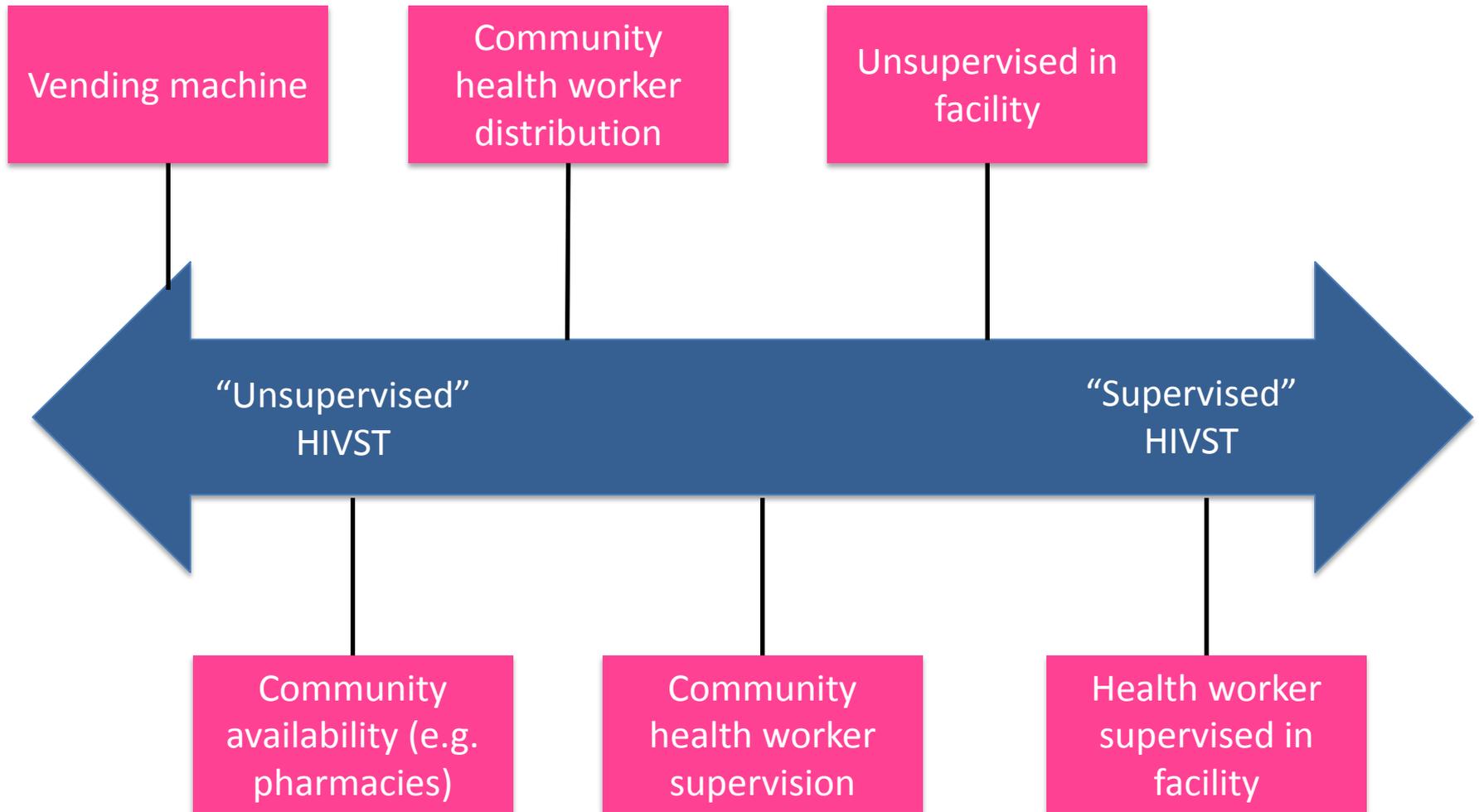
	Uptake
Index testing	88%
Self-testing	87%
Mobile testing	87%
Door-to-door testing	80%
Work-place testing	67%
School testing	62%

Additional benefits:

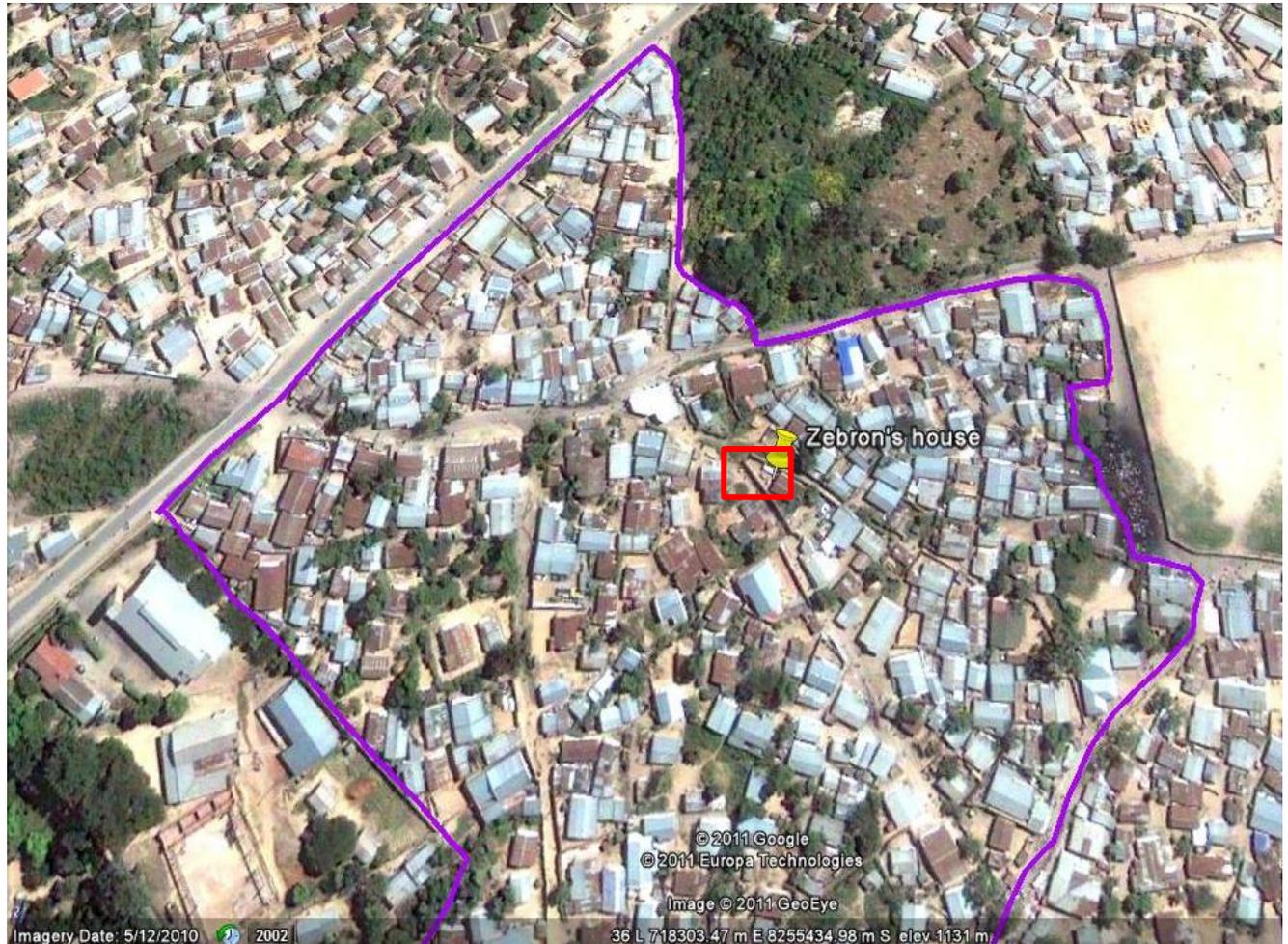
- 62% testing for the first time
- 57% tested have CD4 count >350 cells/mm³
- High rates of linkage into care
 - 80% have CD4 count measured
 - 73% of ART eligible initiate treatment
- Potential to normalise HIV testing
- Link to other community-based health programmes



Spectrum of HIVST approaches

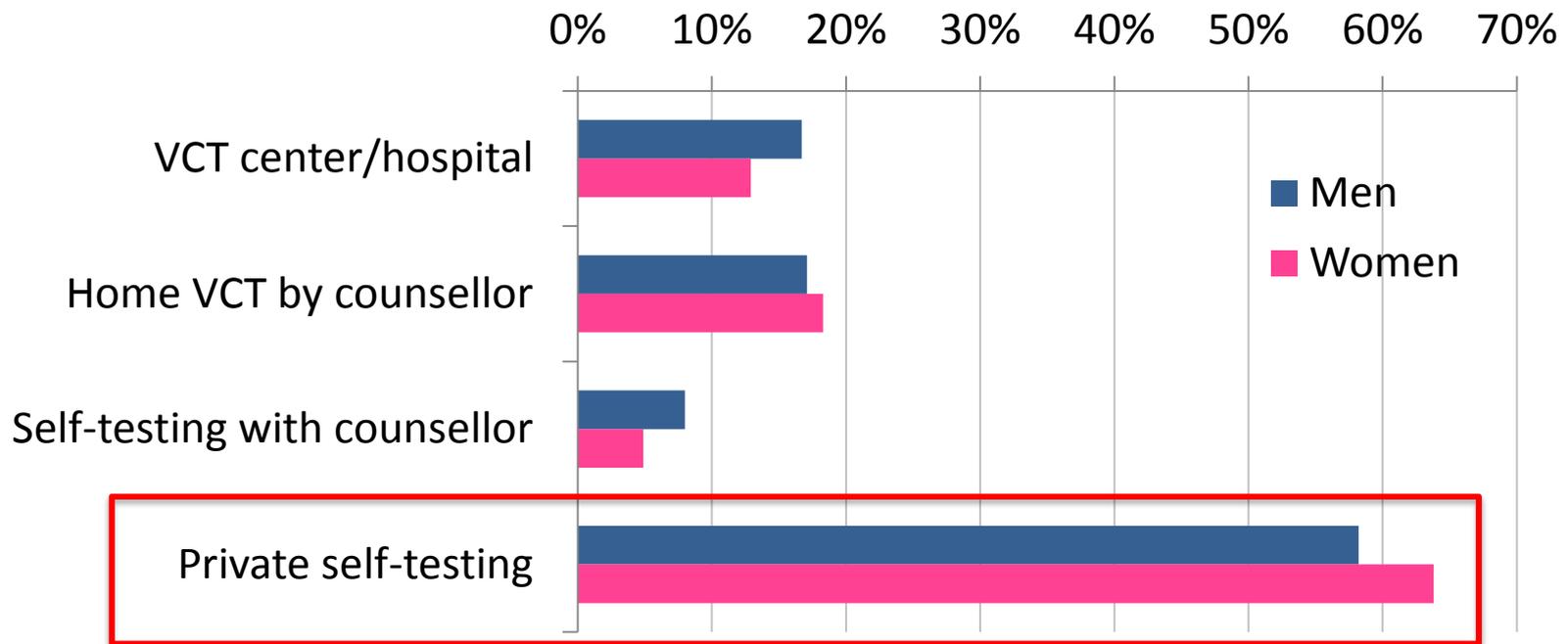


HIV Self-Testing in Blantyre, Malawi

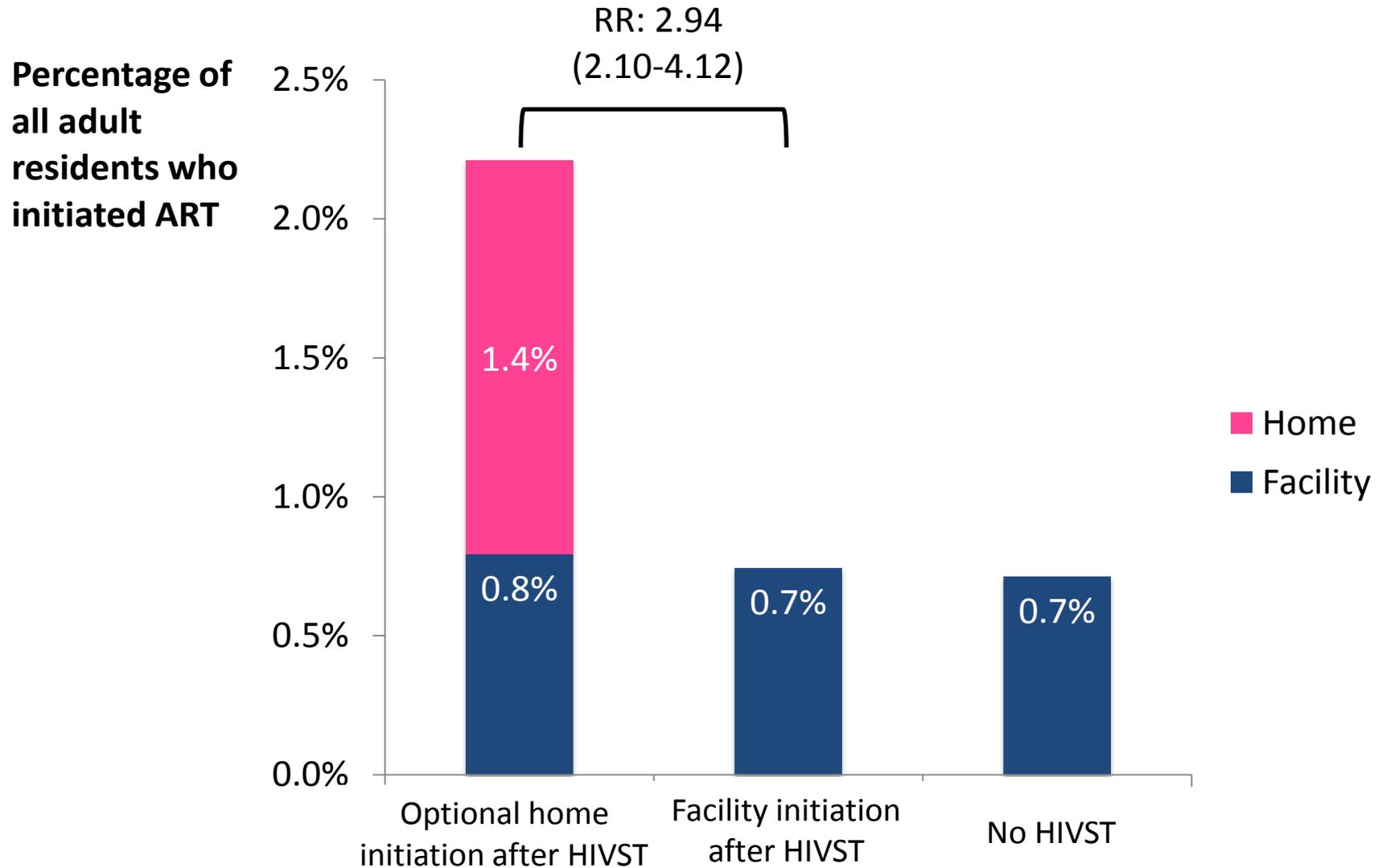


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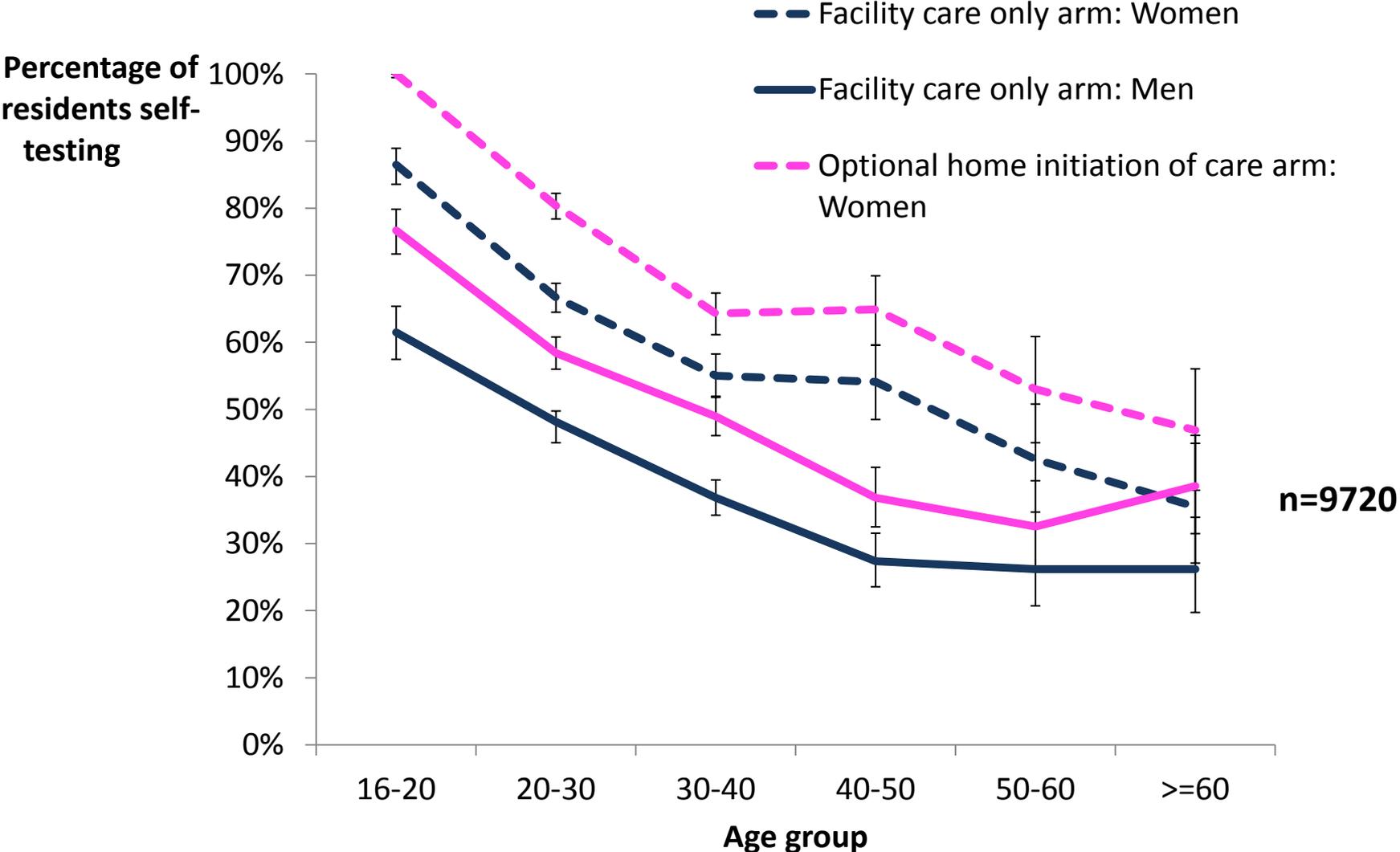
- 13,655 (82%) self-tests of 16,660 adults (≥ 16 years) over 12-months
- 12,166 (89%) returned kits
- 98% would recommend to friends and family



Home initiation of HIV care after HIVST significant increased population uptake of ART



HIV Self-Testing Uptake by Sex



Unpublished data – Liz Corbett and Augustine Choko

Key challenges for HIVST

- What rapid diagnostic kits are best suited to HIVST?
- What quality assurance needs to be in place?
- Selection of appropriate mix of supported/unsupported HIVST models for general and most-at-risk populations
 - Impact on HIV incidence and mortality
- Proactive intervention to achieve maximum linkage into care and prevention
- Regulation and legislation
 - In UK, from April 2014, HIVST kits approved by MHRA available for sale to the public
 - But still illegal in a number of countries
- Coercion and intimate partner violence?

