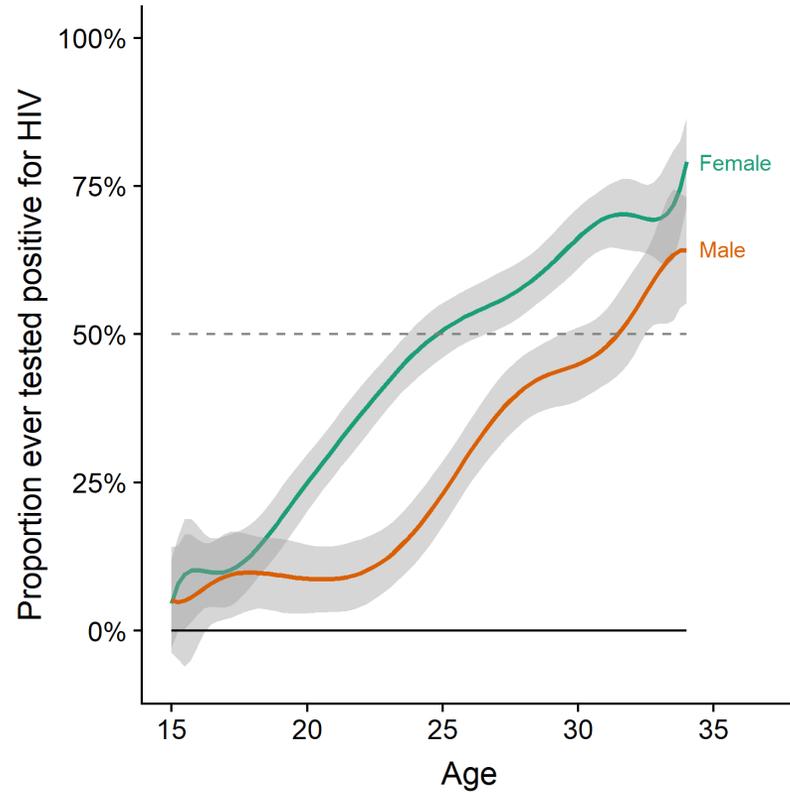


HIV-related vulnerabilities and awareness & uptake of DREAMS prevention interventions in young females in rural KwaZulu-Natal

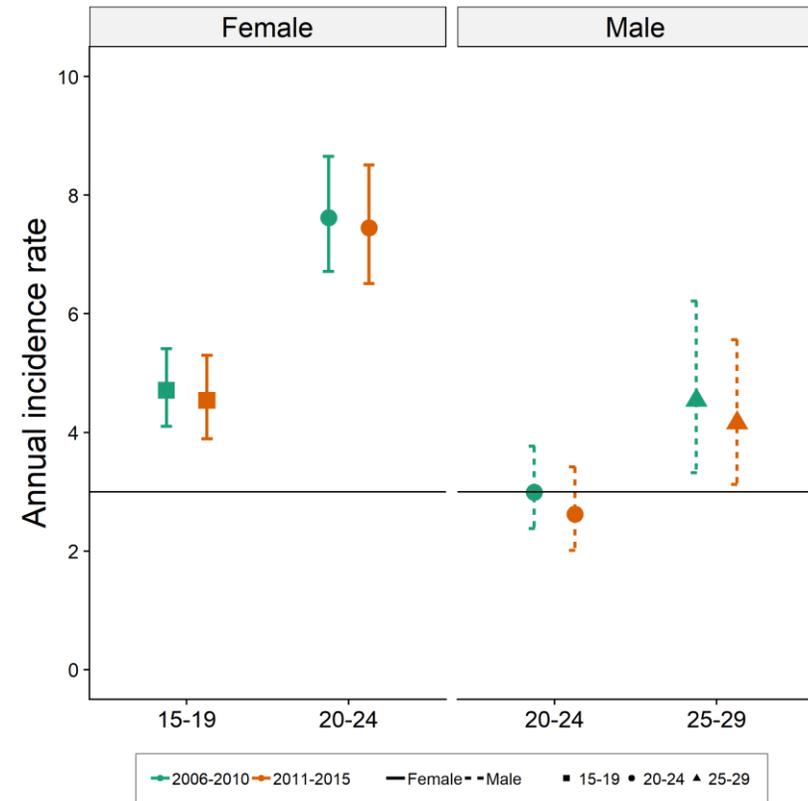
Nondumiso Mthiyane, Natsayi Chimbindi, Kathy Baisley, Janet Seeley, Jaco Dreyer, Thembelihle Zuma, Nonhlanhla Okesola, Annabelle Gourlay, Nuala McGrath, Frank Tanser, Maryam Shahmanesh, Lorraine Sherr, Isolde Birdthistle, Sian Floyd, Guy Harling

AIDS Impact 2019

HIV risk remains high for young people



AHRI surveillance area, 2017

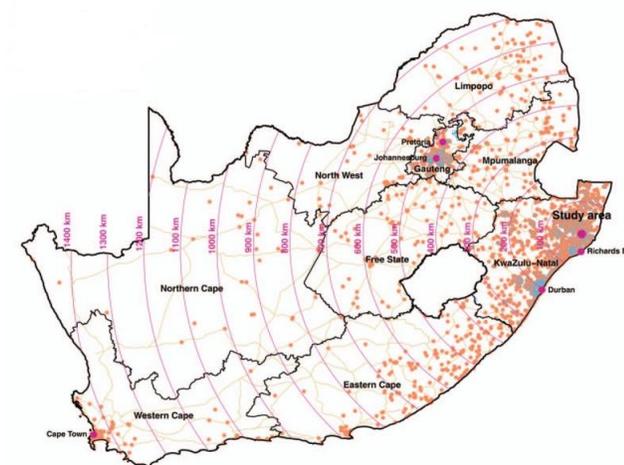


Sources: Baisley et al. PLoS ONE 2018
Chimbindi et al. PLoS ONE 2018

Transitions generate vulnerabilities



Created by i cons
from Noun Project



Source: Dobra et al. AIDS 2017

DREAMS intervention programme



DREAMS interventions in uMkhanyakude



Community

School-based HIV/life skills education
Female safe spaces
Mentorship programme
Violence prevention/gender norms interventions



Household/family

Family care intervention
Microfinance, financial literacy training, savings groups
School costs support, conditional cash transfers
Vocational skills/entrepreneurial training
Social assets building



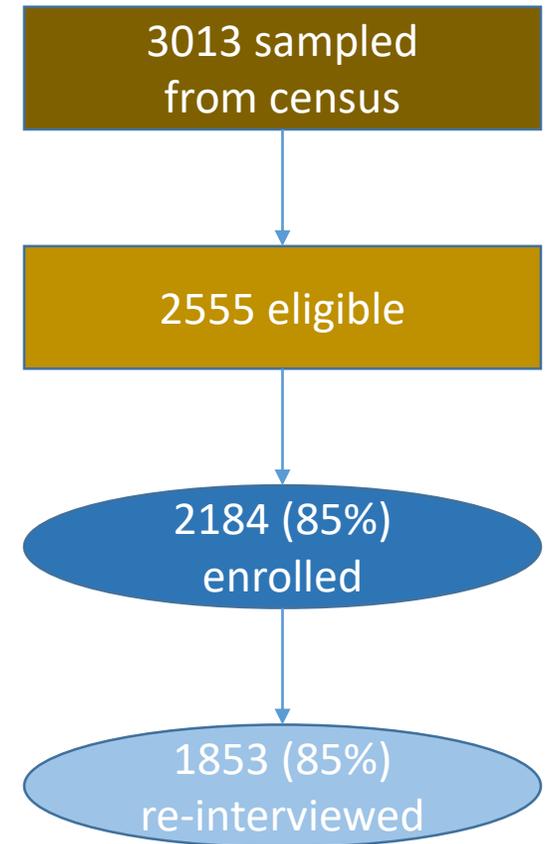
Individual

HIV testing (facility, mobile, home, family, partner, self)
ART linkage & adherence support
Condom provision
Contraception/family planning

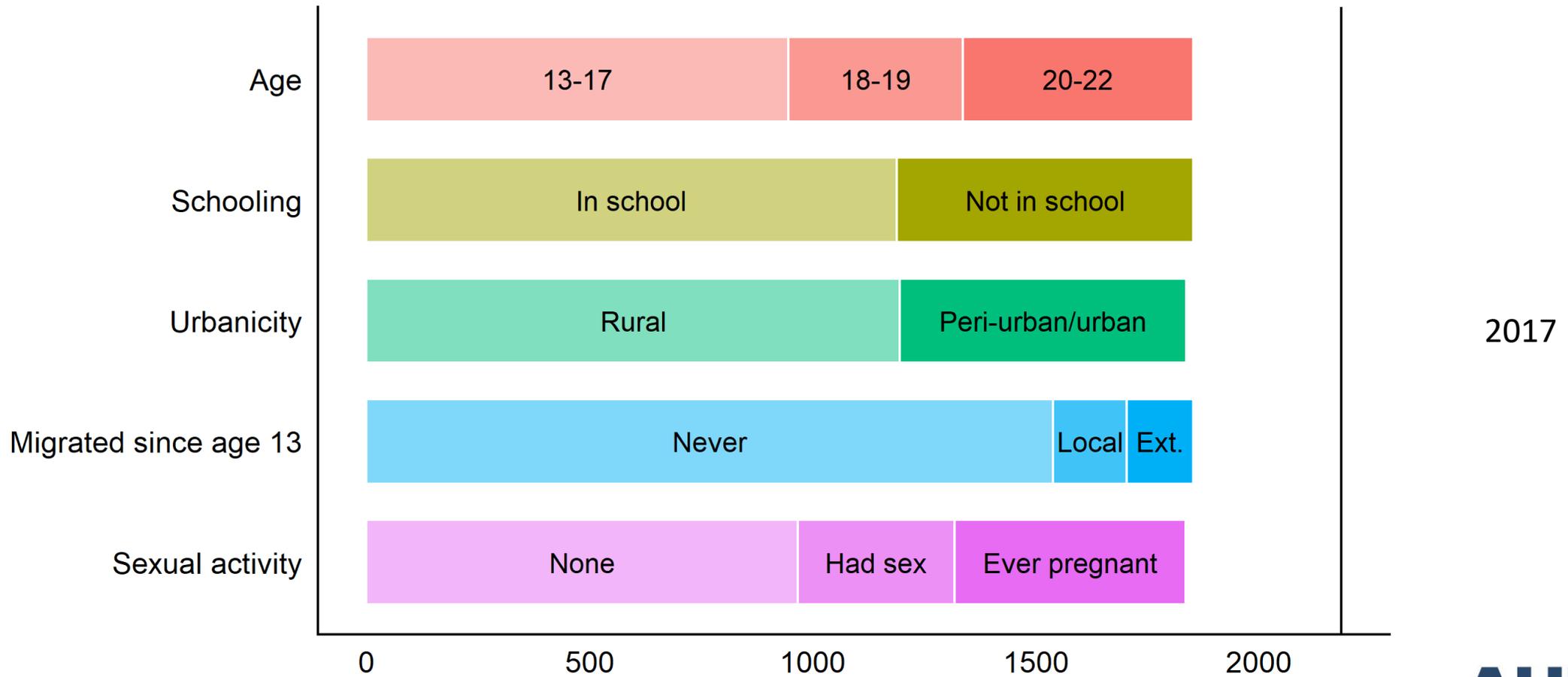
Adolescent-friendly services
Emergency contraception
STI screening and treatment
Post-violence care

Cohort study

- Random sample of AGYW aged 13-22 years, stratified by age and area
- Interviewed in 2017 & 2018
 - General health; Sexual behaviour; Awareness & uptake of DREAMS interventions
- AGYW were considered vulnerable if they were:
 - Ever pregnant
 - Out-of-school & aged <20
 - Moved home since age 13

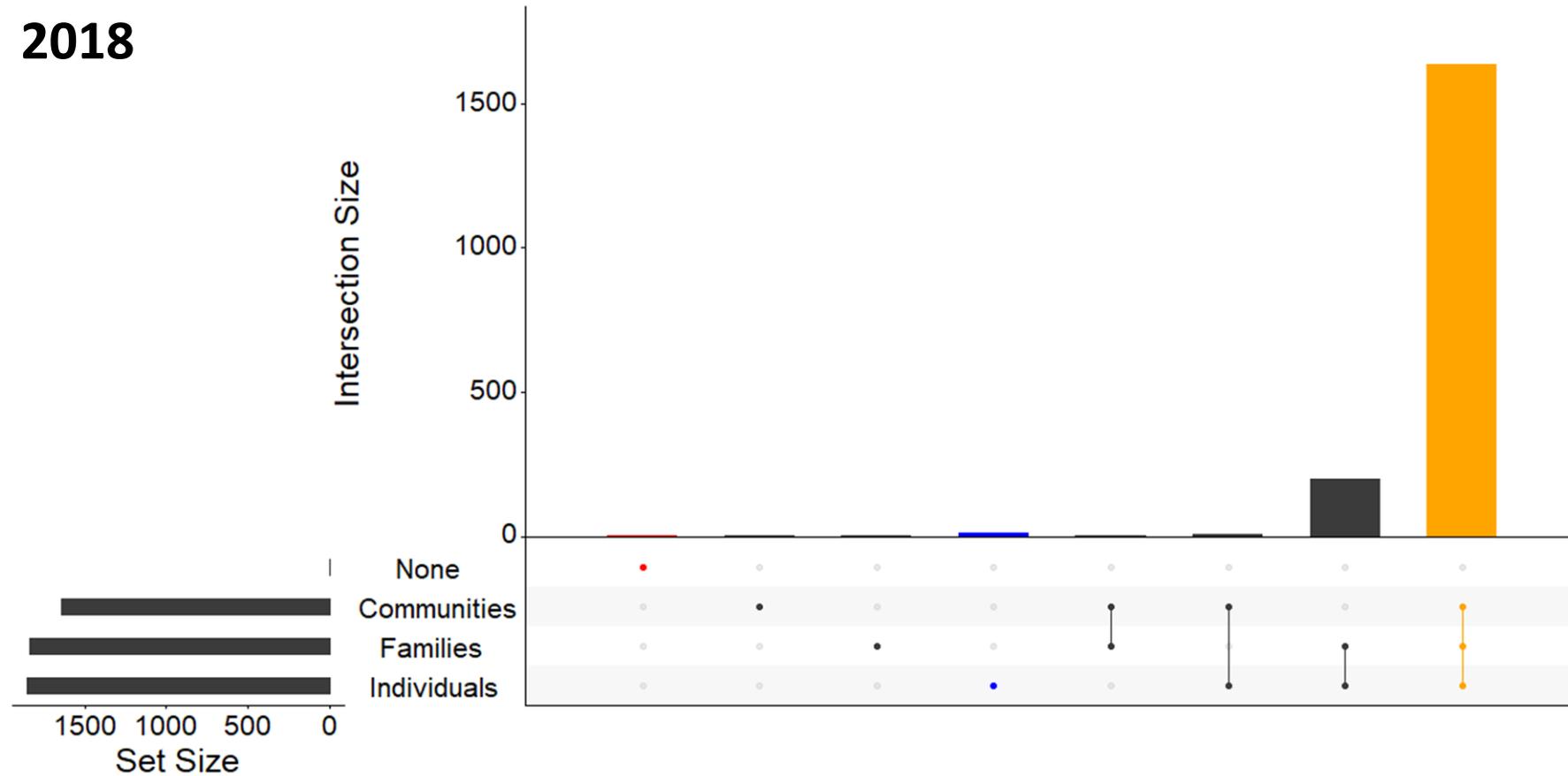


Our AGYW cohort



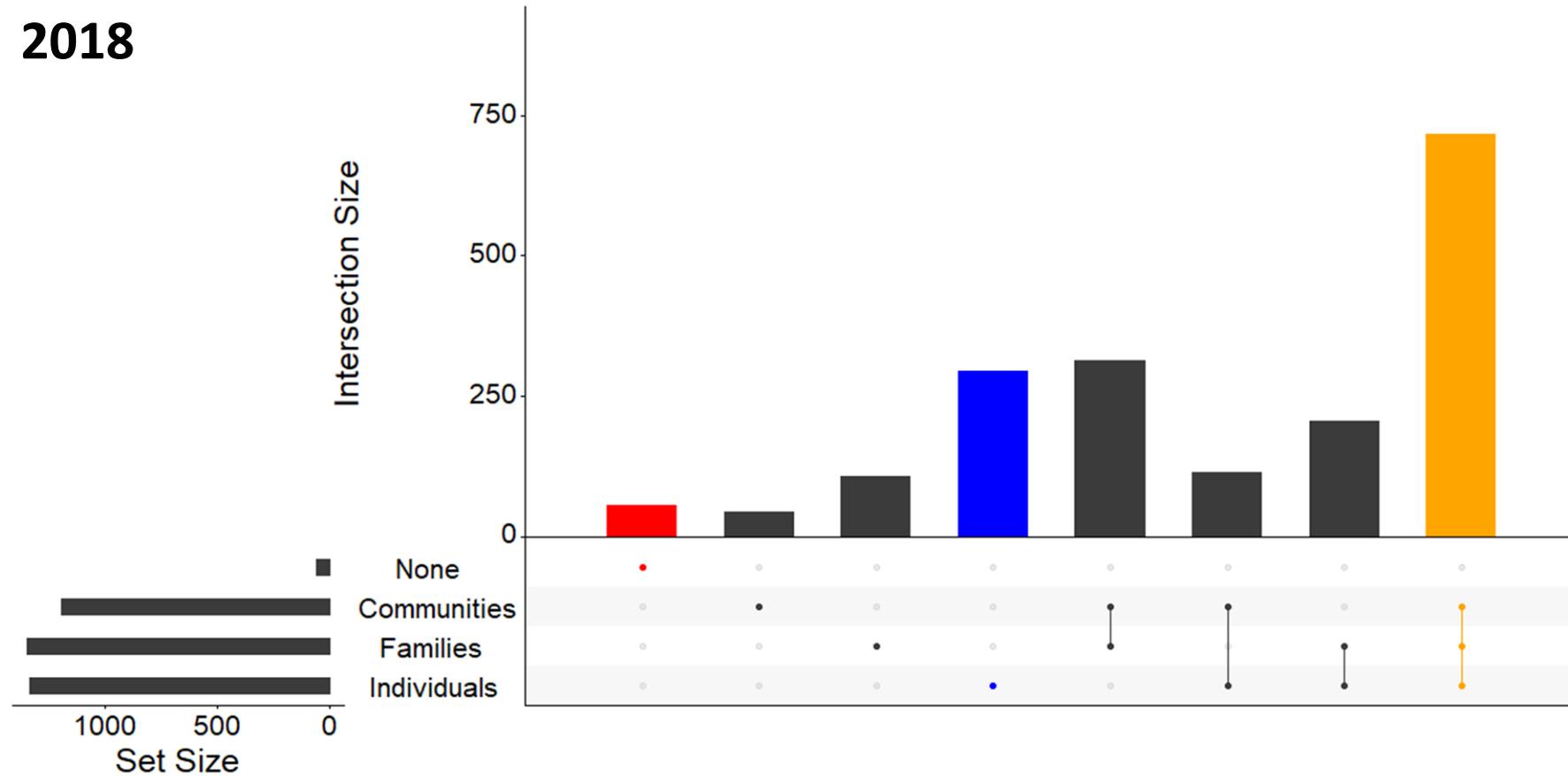
Awareness of DREAMS

2018



Uptake of DREAMS

2018



Vulnerability and DREAMS uptake

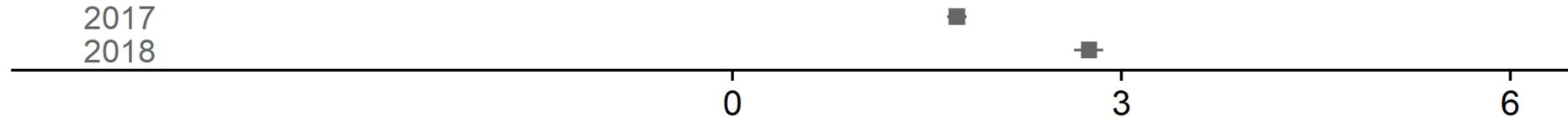
Never had sex
Ever had sex, never pregnant
Ever had sex, ever pregnant

13-17 & in school
13-17 & out of school
18-19 & in school
18-19 & out of school
20-22

Never migrated
Migrated within PIPSA
External migration

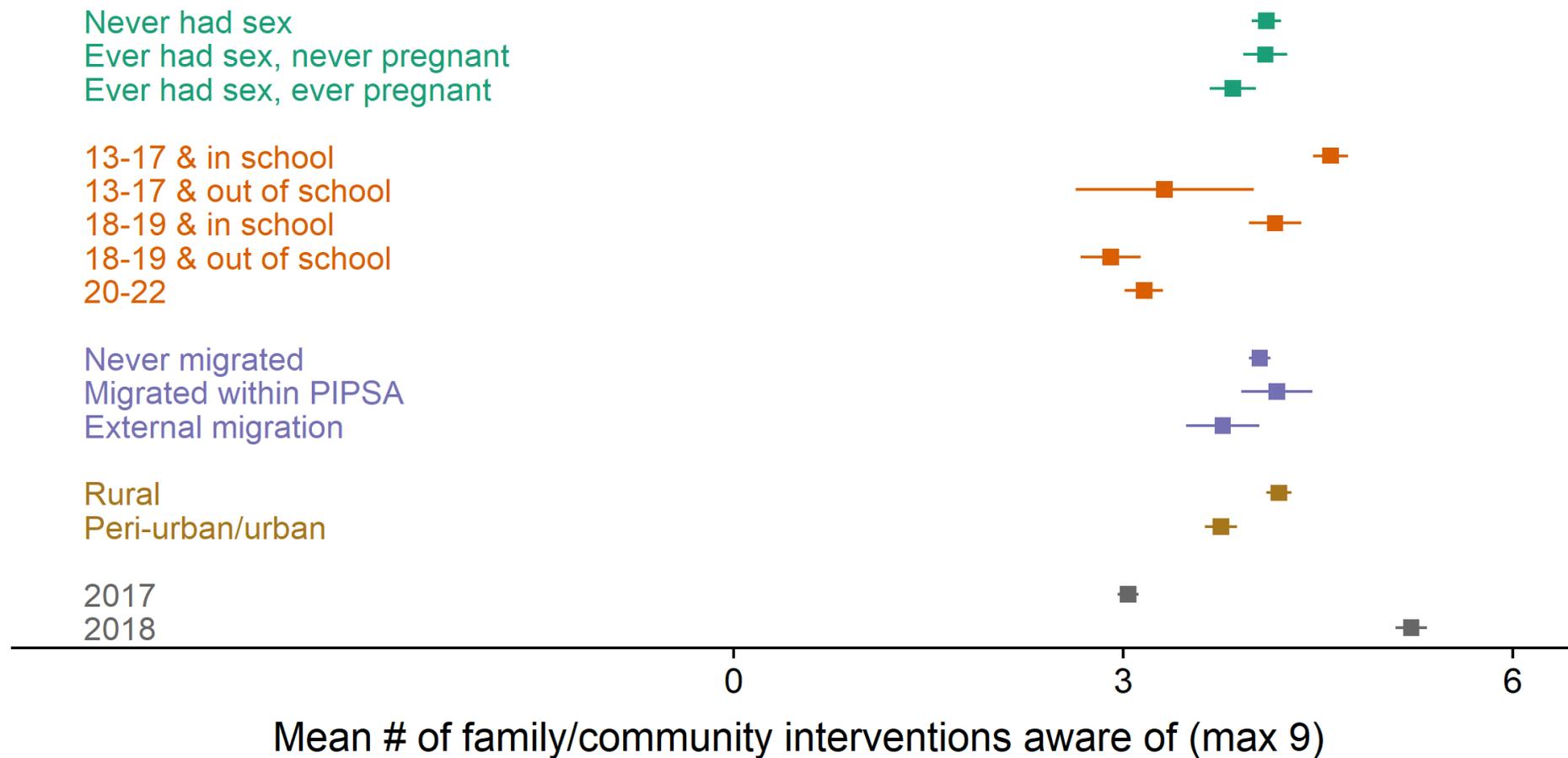
Rural
Peri-urban/urban

2017
2018

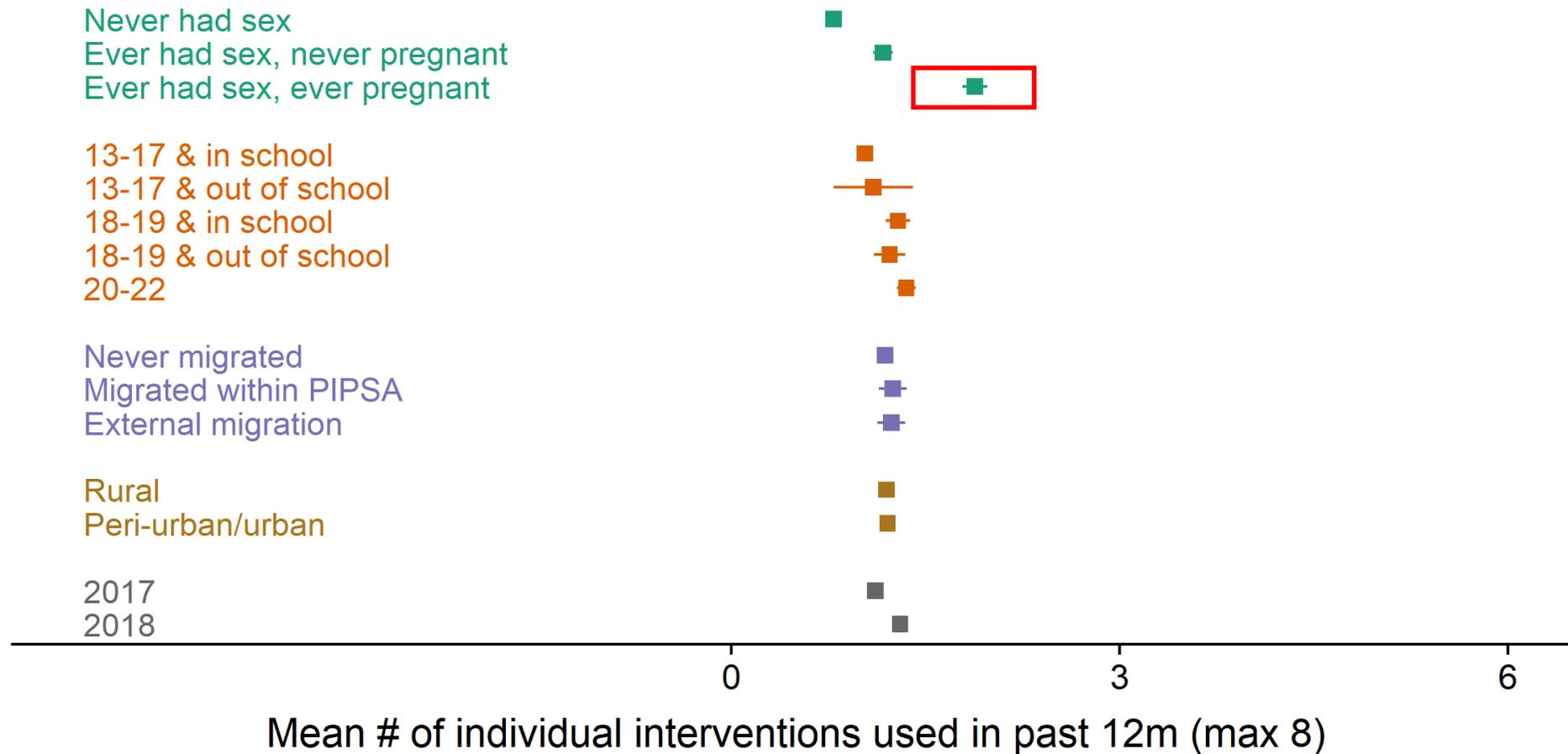


Mean # of family/community interventions used past 12m (max 9)

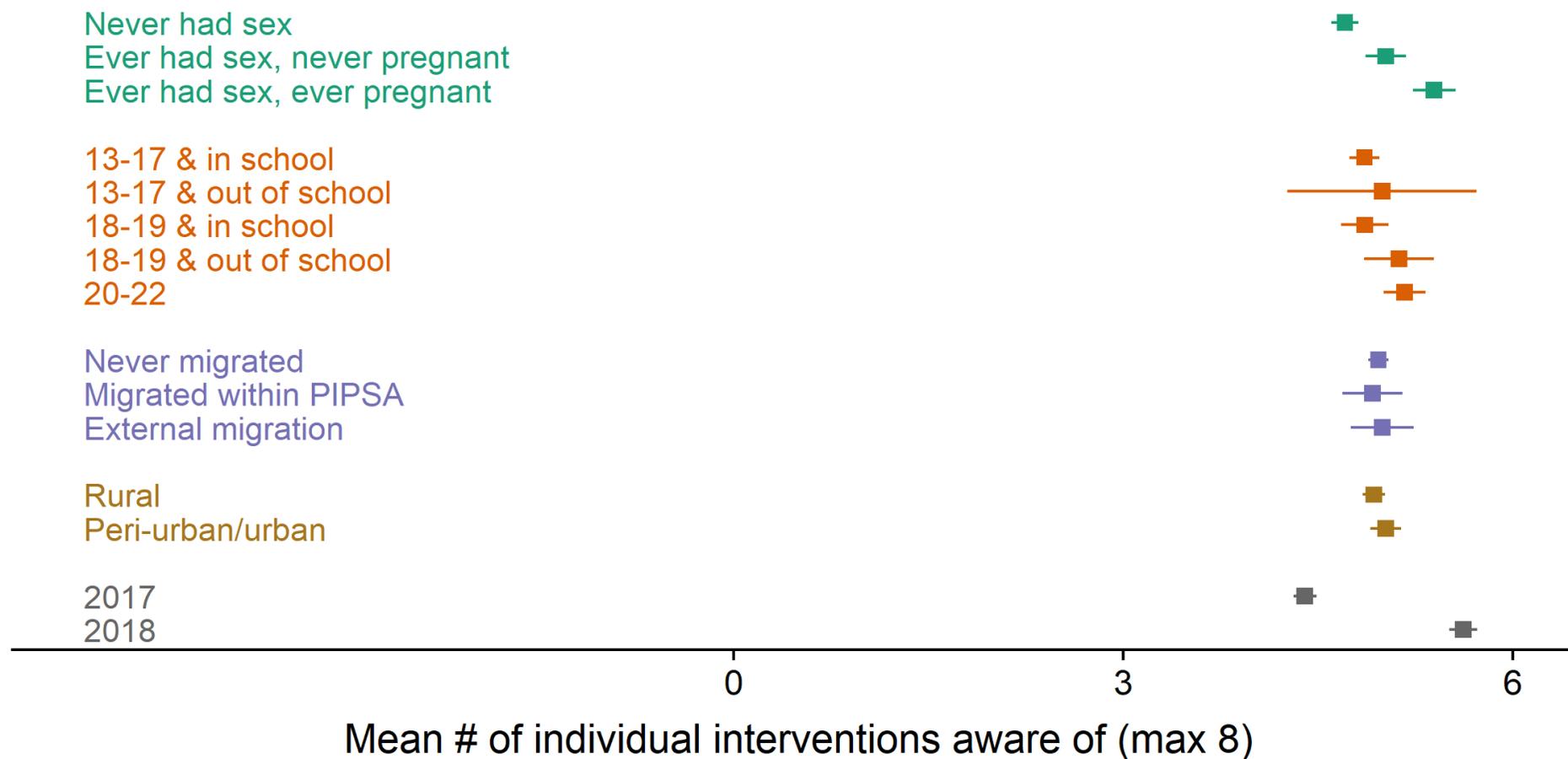
Vulnerability and DREAMS awareness



Vulnerability and DREAMS uptake



Vulnerability and DREAMS awareness



Conclusions

1. DREAMS awareness was high after one year of roll-out, rose further in year two
2. DREAMS uptake rose, particularly for family/community level interventions
 - But still big gap between awareness and uptake
3. Vulnerable AGYW had:
 - Lower awareness and uptake of community and family interventions
 - Similar levels of healthcare use, despite potentially greater need
4. Still need to identify & reach vulnerable AGYW in high HIV incidence settings

Acknowledgements

- **Funders:** This work was supported by the National Institutes of Health under award number 5R01MH114560-03, Bill & Melinda Gates Foundation, Grant Number OPP1136774. Africa Health Research Institute is supported by a grant from the Wellcome Trust (082384/Z/07/Z). The research leading to these results has received funding from the People Programme (Marie Curie Actions) of the European Union's seventh Framework Programme FP7/2007-2013 under REA grant agreement no. 612216

- **Partners:**

