

**Supplemental table 1. HIV infection among study participants at baseline (adults aged  $\geq 20$  years) by sex and age group in Guangxi China**

Factor	Male		Female	
	Number of participants	HIV prevalence (N)	Number of participants	HIV prevalence (N)
Total	353211	0.41%(1451)	369584	0.17%(612)
Age (years)				
30-39	72991	0.39%(285)	70356	0.16%(112)
20-29	76276	0.06%(48)	78958	0.06%(46)
40-49	81481	0.44%(362)	82312	0.15%(120)
50-59	55505	0.54%(299)	57980	0.27%(154)
60-69	40081	0.76%(303)	43869	0.32%(140)
$\geq 70$	26877	0.57%(154)	36109	0.11%(40)