

Supporting information file 1, Construction of database, string, and results

Pub-med

	Key Words	Search Strings
#1	HIV	("HIV" [Mesh] OR "hiv" OR "human immunodeficiency virus")
#2	PrEP	("PrEP" OR "pre-exposure prophylaxis" OR "preexposure prophylaxis" OR "Pre-Exposure Prophylaxis"[MeSH])
#3	Adolescent girls and young women	("adolescent girls and young women" OR "young girls" OR "young women" OR "adolescent girls" OR "youth" OR "adolescents" OR "young people" OR "girls" OR "women" OR "AGYW")
#4	South, East, and West Africa	("Botswana" OR "South Africa" OR "Namibia" OR "Lesotho" OR "Zambia" OR "Zimbabwe" OR "Mozambique" OR "Mauritius" OR "Angola" OR "Rwanda" OR "Eswatini" OR "Swaziland" OR "Kenya" OR "Malawi" OR "Madagascar" OR "Tanzania" OR "Uganda" OR "Comoros" OR "Ethiopia" OR "Burundi" OR "Somali" OR "Djibouti" OR "Eritrea" OR "Seychelles" OR "South Sudan" OR "réunion" OR "Mayotte" OR "Niger" OR "Nigeria" OR "Mali" OR "Senegal" OR "Liberia" OR "The Gambia" OR "Benin" OR "Guinea" OR "Cote d'Ivoire" OR "Burkina Faso" OR "Togo" OR "Ghana" OR "Sierra Leone" OR "Guinea-Bissau" OR "Mauritania" OR "Southern Africa" OR "Eastern Africa" OR "West Africa" OR "Africa" OR "Africa, South of the Sahara"[MeSH] OR "Sub-Saharan Africa")
	#1 AND #2 AND #3 AND #4	726

Web of Science(WoS)

	Key Words	Search Strings
#1	HIV	TS= ("HIV" OR "hiv" OR "human immunodeficiency virus")
#2	PrEP	TS= ("PrEP" OR "pre-exposure prophylaxis" OR "preexposure prophylaxis" OR "Pre-Exposure Prophylaxis")
#3	Adolescent girls and young women	TS= ("adolescent girls and young women" OR "young girls" OR "young women" OR "adolescent girls" OR "youth" OR "adolescents" OR "young people" OR "girls" OR "women" OR "AGYW")
#4	South, East and West Africa	TS= ("Botswana" OR "South Africa" OR "Namibia" OR "Lesotho" OR "Zambia" OR "Zimbabwe" OR "Mozambique" OR "Mauritius" OR "Angola" OR "Rwanda" OR "Eswatini" OR "Swaziland" OR "Kenya" OR "Malawi" OR "Madagascar" OR "Tanzania" OR "Uganda" OR "Comoros" OR "Ethiopia" OR "Burundi" OR "Somali" OR "Djibouti" OR "Eritrea" OR "Seychelles" OR "South Sudan" OR "réunion" OR "Mayotte" OR "Niger" OR "Nigeria" OR "Mali" OR "Senegal" OR "Liberia" OR "The Gambia" OR "Benin" OR "Guinea" OR "Cote d'Ivoire" OR "Burkina Faso" OR "Togo" OR "Ghana" OR "Sierra Leone" OR "Guinea-Bissau" OR "Mauritania" OR "Southern Africa" OR "Eastern Africa" OR "West Africa" OR "Africa" OR "Africa, South of the Sahara" OR "Sub-Saharan Africa")
	#1 AND #2 AND #3 AND #4	831

Global Health (GH)

	Key Words	Search Strings
#1	HIV	("HIV" OR "hiv" OR "human immunodeficiency virus")
#2	PrEP	("PrEP" OR "pre-exposure prophylaxis" OR "preexposure prophylaxis" OR "Pre-Exposure Prophylaxis")
#3	Adolescent girls and young women	("adolescent girls and young women" OR "young girls" OR "young women" OR "adolescent girls" OR "youth" OR "adolescents" OR "young people" OR "girls" OR "women" OR "AGYW")
#4	South, East and West Africa	("Botswana" OR "South Africa" OR "Namibia" OR "Lesotho" OR "Zambia" OR "Zimbabwe" OR "Mozambique" OR "Mauritius" OR "Angola" OR "Rwanda" OR "Eswatini" OR "Swaziland" OR "Kenya" OR "Malawi" OR "Madagascar" OR "Tanzania" OR "Uganda" OR "Comoros" OR "Ethiopia" OR "Burundi" OR "Somali" OR "Djibouti" OR "Eritrea" OR "Seychelles" OR "South Sudan" OR "réunion" OR "Mayotte" OR "Niger" OR "Nigeria" OR "Mali" OR "Senegal" OR "Liberia" OR "The Gambia" OR "Benin" OR "Guinea" OR "Cote d'Ivoire" OR "Burkina Faso" OR "Togo" OR "Ghana" OR "Sierra Leone" OR "Guinea-Bissau" OR "Mauritania" OR "Southern Africa" OR "Eastern Africa" OR "West Africa" OR "Africa" OR "Africa, South of the Sahara" OR "Sub-Saharan Africa")
	#1 AND #2 AND #3 AND #4	354