Supplementary Table S1. PMTCT coverage *vis-à-vis* disparity in ANC use by quintile in Sub-Saharan African countries. (ANC use refers to at least four ANC visits in the last pregnancy).

Country	PMTCT coverage (%) (UNAIDS 2016 latest release)		ANC use (at least four visits) by wealth quintile (UNICEF, Feb.2016 release)					ANC use disparity, Q5-Q1	ANC use, primary data sources (Referred in UNICEF Feb 2016 release)
	Latest value (2014/2015)	Data Sources	Q1	Q2	Q3	Q4	Q5		
Benin	59	UNAIDS, AIDSinfo 2014 data	38.5	49.6	58.2	71.1	76.6	38.1	DHS- 2011-2012
Burkina Faso	89	UNAIDS, AIDSinfo 2015 data	22.3	27.5	32.7	38.5	44.9	22.6	DHS - 2010
Burundi	89	UNAIDS, AIDSinfo 2015 data	32.4	34.7	35.2	27.6	35.8	3.4	DHS - 2010
Cameroon	82	UNAIDS, AIDSinfo 2015 data	30.4	51.6	61.5	74.7	86.3	55.9	DHS- 2011
Central African Republic	56	UNAIDS, AIDSinfo 2015 data	25.9	26.9	35.5	47.8	61.6	35.7	MICS - 2010
Chad	46	UNAIDS, AIDSinfo 2015 data	23.7	26.2	26.3	28.3	53.5	29.8	DHS- 2014-2015
Cote d'Ivoire	79	UNAIDS, AIDSinfo 2015 data	25.7	34.3	36.9	56.4	71.7	46	DHS - 2011-2012
Democratic Republic of the Congo	67	UNAIDS, AIDSinfo 2015 data	38.4	41.4	44.5	48.6	64.1	25.7	DHS- 2013-2014
Ethiopia	41	UNAIDS Global Plan progress report 2013	6.8	9.4	14.7	19.4	44.7	37.9	DHS- 2011
Gabon	78	UNAIDS, AIDSinfo 2015 data	55.9	75.4	78.2	85.9	86.3	30.4	DHS- 2012
Gambia	64	UNAIDS, AIDSinfo 2015 data	73.3	78.4	74.2	75.1	83.1	9.8	DHS- 2013
Ghana	63	UNAIDS, AIDSinfo 2015 data	74.3	79.2	91.7	93	98.5	24.2	MICS- 2011
Guinea	85	UNAIDS, AIDSinfo 2015 data	37	48.1	55.4	65.5	84.6	47.6	MICS- 2012
Kenya	74	UNAIDS, AIDSinfo 2015 data	33.7	36.7	36	52.4	54.6	20.9	DHS- 2008-2009
Lesotho	70	UNAIDS, AIDSinfo 2015 data	66.5	69.1	71.4	76.6	88.8	22.3	DHS- 2014-2015
Liberia	70	UNAIDS, AIDSinfo 2015 data	66.5	73	82.5	83.8	84.1	17.6	DHS- 2013
Madagascar	3	UNAIDS, AIDSinfo 2015 data	33	38.9	44.8	53.3	72.1	39.1	DHS - 2008-2009
Malawi	80	UNAIDS, AIDSinfo 2015 data	40.1	43	44	47.2	52.9	12.8	DHS- 2013-2014
Mozambique	95	UNAIDS, AIDSinfo 2015 data	36.9	42.3	49.6	53.9	63.7	26.8	DHS 2011
Namibia	95	UNAIDS, AIDSinfo 2015 data	60.2	53.7	59.3	64.9	77.8	17.6	DHS- 2013

Niger	28	UNAIDS, AIDSinfo 2015 data	24.9	31.5	31.5	32.2	46.5	21.6	MICS - 2012
Nigeria	17	UNAIDS Global Plan progress report 2013	19.3	35.5	57.5	72	85.7	66.4	DHS- 2013
Rwanda	93	UNAIDS, AIDSinfo 2015 data	41.3	43.4	45.9	45.6	44.4	3.1	DHS- 2014-2015
Senegal	36	UNAIDS, AIDSinfo 2015 data	31	40.5	49.9	57.3	73.9	42.9	MICS 2010-2011
Sierra Leone	83	UNAIDS, AIDSinfo 2015 data	73.1	73.1	76.4	79.1	79.7	6.6	DHS- 2013
Swaziland	95	UNAIDS, AIDSinfo 2015 data	71.6	71.6	77.2	78.9	84.6	13	MICS- 2010
Tanzania	86	UNAIDS, AIDSinfo 2015 data	34.4	29.7	36.3	42.5	56	21.6	DHS- 2010
Togo	95	UNAIDS, AIDSinfo 2015 data	42.2	45.3	47	67.9	76.2	34	DHS - 2013-2014
Uganda	95	UNAIDS, AIDSinfo 2015 data	40.3	40.1	43.7	51.7	58.4	18.1	DHS- 2011
Zambia	87	UNAIDS, AIDSinfo 2015 data	48.1	52.5	52.5	50.7	65.3	17.2	DHS- 2013-2014
Zimbabwe	84	UNAIDS, AIDSinfo 2015 data	65.2	68.6	73.7	67.5	77.7	12.5	MICS - 2014

Supplementary Table S2. Regression analysis: PMTCT coverage vis-à-vis disparity in ANC use by wealth quintiles (Q5 & Q1).

Regression Statistics	
R	0.491
R Square	0.241
Standard Error	21.68341
Observations	31

ANOVA	df	SS	MS	F	Significance F
Regression	1	4320.737	4320.737	9.190	0.005
Residual	29	13634.941	740.170		
Total	30	17955.677			

	Coefficients	Standard Error	Standard coefficients, Beta	t Stat	P-value
Constant	91.419	7.938	--	11.517	0.000
ANC: differences in ANC coverage between women in the highest and lowest wealth quintile	-0.792	0.261	-0.491	-3.031	0.005