

Table S1: Percentage with 95% Confidence Intervals for the outcomes used in the analysis.

<b>Modern CPR</b>			
<b>Country</b>	<b>Survey year</b>	<b>% [95% C.I.]</b>	<b>N</b>
Angola	2015-16	11.7 [9.5,14.2]	2348
Benin	2011-12	7.7 [6.5,9.1]	2589
Burkina Faso	2010	16.4 [15.1,17.8]	4153
Burundi	2010	18.8 [16.8,21.0]	2184
Chad	2014-15	6.7 [5.3,8.5]	2755
Comoros	2012	15.4 [12.8,18.4]	938
Congo Democratic Republic	2013-14	7.9 [6.6,9.5]	4286
Côte d'Ivoire	2011-12	13.2 [11.4,15.3]	1906
Ethiopia	2016	37.5 [34.8,40.4]	6654
Gambia	2013	11.3 [7.8,16.2]	1154
Ghana	2014	25.2 [22.1,28.6]	1710
Kenya	2014	56.8 [54.8,58.9]	5157
Lesotho	2014	65.1 [60.5,69.5]	730
Liberia	2013	19.5 [16.3,23.1]	1770
Malawi	2015-16	61.8 [59.8,63.7]	3884
Mali	2012-13	9.9 [8.5,11.5]	2606
Mozambique	2011	11.2 [9.8,12.7]	2239
Namibia	2013	57.9 [53.8,61.8]	988
Nigeria	2013	10.9 [9.8,12.2]	7837
Rwanda	2014-15	48.5 [46.4,50.7]	2964
Senegal	2016	28.5 [24.8,32.6]	1184
Sierra Leone	2013	16.9 [15.2,18.7]	3391
Tanzania	2015-16	33.7 [30.8,36.7]	1558
Togo	2013-14	19.1 [17.2,21.1]	1973
Uganda	2016	37.1 [34.8,39.4]	2408
Zambia	2013-14	46.3 [44.7,47.8]	7092
Zimbabwe	2015	68.5 [66.5,70.5]	3499

Table S2: Percentage with 95% Confidence Intervals for the men's involvement variables used in the model

Country	Survey year	Education Level		Knowledge	Attitude		Behavior
		Men's secondary or more education level	Women's secondary or more education level	Correct knowledge of fertile period	Does not agree that contraception is only a women's business	Does not agree that women who use contraception become promiscuous	Discussed family planning with health worker in the last few months
		% [95% C.I.]	% [95% C.I.]	% [95% C.I.]	% [95% C.I.]	% [95% C.I.]	% [95% C.I.]
Angola	2015-16	57.5 [54.1,60.9]	34.9 [31.6,38.4]	6.4 [5.0,8.2]	45.9 [41.4,50.5]	50.0 [45.7,54.4]	23.6 [20.4,27.1]
Benin	2011-12	23.6 [21.7,25.7]	10.9 [9.6,12.4]	36.3 [33.9,38.9]	66.4 [63.7,69.0]	50.1 [47.5,52.7]	10.9 [9.5,12.5]
Burkina Faso	2010	8.1 [7.1,9.3]	5.8 [5.0,6.7]	36.3 [33.4,39.3]	89.3 [87.7,90.7]	75.3 [72.9,77.6]	12.5 [11.1,13.9]
Burundi	2010	8.1 [6.9,9.4]	6.0 [4.9,7.3]	20.5 [18.0,23.2]	96.6 [95.3,97.6]	71.1 [68.2,73.9]	14.9 [13.2,16.7]
Chad	2014-15	24.3 [22.2,26.6]	9.4 [8.1,10.9]	35.7 [31.8,39.8]	58.4 [54.9,61.9]	45.8 [42.3,49.4]	6.3 [5.0,8.0]
Comoros	2012	41.4 [37.4,45.6]	34.7 [31.0,38.6]	47.9 [42.5,53.4]	63.8 [57.5,69.7]	43.3 [37.5,49.3]	11.9 [9.1,15.4]
Congo Democratic Republic	2013-14	70.3 [67.7,72.7]	36.6 [34.0,39.2]	47.0 [43.7,50.4]	70.3 [67.2,73.2]	62.9 [59.7,65.9]	8.3 [7.1,9.7]
Côte d'Ivoire	2011-12	23.7 [20.7,27.0]	9.5 [7.7,11.7]	15.7 [13.4,18.3]	67.6 [64.2,70.8]	51.4 [47.5,55.3]	5.3 [4.1,6.9]
Ethiopia	2016	15.7 [13.8,17.7]	9.5 [8.3,10.9]	15.1 [13.2,17.2]	89.4 [87.8,90.8]	88.9 [87.3,90.4]	43.2 [40.5,45.9]
Gambia	2013	36.6 [32.4,41.1]	25.6 [22.1,29.4]	16.1 [12.8,20.2]	72.8 [67.4,77.6]	47.4 [41.9,53.1]	20.7 [17.2,24.6]
Ghana	2014	67.5 [63.7,71.2]	51.1 [47.5,54.8]	27.6 [23.2,32.4]	75.6 [70.5,80.0]	51.0 [46.4,55.6]	9.8 [7.9,11.9]
Kenya	2014	44.1 [42.0,46.3]	36.5 [34.3,38.8]	17.3 [15.7,19.1]	87.0 [85.6,88.4]	68.9 [66.9,70.9]	16.3 [15.0,17.6]
Lesotho	2014	37.4 [33.0,42.1]	51.7 [46.9,56.5]	19.0 [15.7,22.8]	54.4 [50.5,58.4]	31.5 [27.6,35.5]	8.9 [6.7,11.7]
Liberia	2013	56.3 [52.5,60.1]	27.5 [24.6,30.6]	2.8 [1.5,5.0]	69.1 [64.0,73.7]	65.8 [61.2,70.1]	22.0 [18.6,25.8]
Malawi	2015-16	32.2 [30.4,34.2]	21.9 [20.3,23.6]	10.1 [8.9,11.4]	69.8 [67.7,71.8]	66.7 [64.6,68.7]	26.3 [24.3,28.3]
Mali	2012-13	12.0 [10.3,13.9]	7.7 [6.4,9.2]	24.8 [22.1,27.8]	74.4 [71.6,77.0]	63.1 [59.7,66.3]	11.3 [10.0,12.8]
Mozambique	2011	19.2 [17.1,21.4]	10.5 [9.1,12.0]	2.8 [2.0,3.7]	82.9 [80.5,85.0]	90.2 [88.4,91.7]	5.8 [4.5,7.4]
Namibia	2013	64.3 [60.8,67.5]	65.9 [62.4,69.2]	4.4 [3.0,6.3]	53.5 [49.9,57.0]	44.9 [41.6,48.3]	7.4 [5.5,9.9]
Nigeria	2013	44.1 [41.8,46.6]	32.6 [30.5,34.7]	11.6 [10.5,12.8]	73.6 [71.7,75.3]	52.0 [50.0,54.0]	7.5 [6.8,8.4]
Rwanda	2014-15	11.4 [10.2,12.7]	11.3 [10.1,12.6]	28.2 [26.1,30.5]	96.1 [95.2,96.8]	96.5 [95.6,97.2]	49.0 [46.7,51.2]

Senegal	2016	19.8 [16.1,24.2]	16.2 [12.7,20.4]	10.7 [8.3,13.6]	88.9 [86.4,91.0]	67.5 [63.4,71.3]	5.6 [3.7,8.4]
Sierra Leone	2013	28.4 [25.8,31.1]	15.9 [13.7,18.3]	19.8 [16.8,23.2]	51.1 [47.2,55.1]	48.9 [44.9,52.8]	18.0 [15.5,20.8]
Tanzania	2015-16	18.5 [15.6,21.8]	14.0 [11.4,17.0]	13.2 [10.9,15.8]	58.5 [54.9,62.0]	48.2 [45.1,51.5]	12.5 [10.5,14.9]
Togo	2013-14	45.6 [42.5,48.7]	21.7 [19.5,24.1]	36.8 [33.7,40.1]	86.9 [84.4,89.1]	71.0 [67.7,74.0]	12.8 [11.1,14.8]
Uganda	2016	36.0 [33.3,38.7]	27.6 [25.0,30.3]	16.1 [14.2,18.2]	78.8 [76.6,80.9]	50.5 [48.0,52.9]	18.2 [16.4,20.0]
Zambia	2013-14	48.3 [46.6,50.1]	32.8 [31.0,34.6]	16.1 [14.4,18.0]	78.5 [76.8,80.1]	73.6 [72.0,75.2]	20.6 [19.2,22.0]
Zimbabwe	2015	75.8 [73.6,78.0]	68.9 [66.4,71.4]	14.1 [12.7,15.8]	79.1 [77.3,80.7]	66.2 [64.3,68.1]	16.6 [15.0,18.4]