

Table S3. Relative Risk Ratio on categorical variables - Mul							
Variables	Number Antenatal visits				Prenatalcare received from		
	No visits	1-3 visits	4-7 visits	8 or more visits	Base = no one	Professional care	Traditional care
	Relative Risk Ratio	Relative Risk Ratio	Relative Risk Ratio	Relative Risk Ratio	Relative Risk Ratio	Relative Risk Ratio	Relative Risk Ratio
Base = Eastern Congo							
Western Congo		1.577 (0.953 - 2.609)	2.372*** (1.406 - 4.002)	1290 (0.381 - 4.372)		1.746** (1.099 - 2.775)	5.205*** (2.124 - 12.76)
Base = 2013-2014							
2007		0.734 (0.497 - 1.082)	0.711 (0.475 - 1.064)	1,010 (0.427 - 2.389)		0.784 (0.543 - 1.133)	0.565 (0.257 - 1.240)
Base = Catholic							
Protestant		0.919 (0.566 - 1.494)	0.926 (0.565 - 1.518)	0.422 (0.139 - 1.280)		0.839 (0.525 - 1.341)	1,156 (0.432 - 3.092)
Kimbanguist		0.707 (0.304 - 1.647)	0.437 (0.181 - 1.055)	0.185 (0.0246 - 1.387)		0.519 (0.233 - 1.156)	0.427 (0.0809 - 2.254)
Other Christians		0.876 (0.544 - 1.410)	0.882 (0.543 - 1.432)	0.604 (0.209 - 1.747)		0.870 (0.551 - 1.373)	0.662 (0.256 - 1.710)
Muslim		0.396 (0.107 - 1.457)	0.454 (0.115 - 1.794)	0*** (0 - 0)		0.290** (0.0859 - 0.979)	4,015 (0.612 - 26.34)
Animist		0.347 (0.0394 - 3.060)	1,441 (0.111 - 18.79)	0*** (0 - 0)		0.714 (0.0851 - 5.982)	0.730 (0.0373 - 14.27)
No religion		0.240** (0.0779 - 0.737)	0.263** (0.0841 - 0.824)	0.0250*** (0.00236 - 0.265)		0.233*** (0.0894 - 0.607)	0*** (0 - 0)
Other		0.700 (0.265 - 1.850)	0.158*** (0.0422 - 0.592)	0*** (0 - 0)		0.348** (0.132 - 0.918)	1,477 (0.284 - 7.694)
Base = Bakongo north and South							
Bas-Kasai and Kwilu-Kwngo		0.916 (0.335 - 2.504)	1097 (0.395 - 3.047)	0.813 (0.0694 - 9.514)		1,034 (0.385 - 2.772)	3,614 (0.552 - 23.68)
Cuvette Central		0.313** (0.116 - 0.847)	0.819 (0.301 - 2.228)	9.33 (0.862 - 100.9)		0.568 (0.222 - 1.455)	3,118 (0.519 - 18.72)
Ubangi and Itimbiri		0.553 (0.204 - 1.495)	0.789 (0.287 - 2.169)	4,036 (0.375 - 43.48)		0.668 (0.256 - 1.741)	1,078 (0.133 - 8.756)
Uele Lake Albert		0.861 (0.258 - 2.873)	1,631 (0.462 - 5.750)	3,714 (0.245 - 56.40)		1,083 (0.342 - 3.431)	17.07** (1.890 - 154.1)
Basele-k, man. And Kivu		2,387 (0.775 - 7.352)	4,415** (1.378 - 14.15)	8997 (0.650 - 124.5)		3.028** (1.024 - 8.952)	13.41** (1.595 - 112.7)
Kasai, Katanga, Tanganika		0.483 (0.194 - 1.202)	0.618 (0.243 - 1.574)	4430 (0.475 - 41.29)		0.560 (0.231 - 1.354)	1,912 (0.319 - 11.44)
Lunda		1,000 (0.210 - 4.757)	2222 (0.473 - 10.43)	33.47** (1.741 - 643.4)		1,602 (0.382 - 6.718)	0*** (0 - 1.07e-10)
Other		0.531 (0.0966 - 2.921)	0.741 (0.114 - 4.812)	0*** (0 - 0)		0.572 (0.110 - 2.984)	4,955 (0.247 - 99.41)
Base = Urban							
Rural		0.719 (0.404 - 1.281)	0.690 (0.390 - 1.222)	3.636** (1.207 - 10.95)		0.726 (0.425 - 1.242)	2.576 (0.976 - 6.798)
Base = Poorest							
Poorer		0.941 (0.608 - 1.457)	1300 (0.829 - 2.037)	1851 (0.646 - 5.303)		1,169 (0.777 - 1.760)	0.769 (0.340 - 1.741)
Middle		1.699** (1.046 - 2.761)	1.928** (1.158 - 3.210)	2317 (0.747 - 7.193)		1.959*** (1.231 - 3.116)	0.387 (0.144 - 1.040)
Richer		1342 (0.753 - 2.395)	1.928** (1.075 - 3.458)	0.825 (0.142 - 4.795)		1.585 (0.932 - 2.695)	1,365 (0.509 - 3.657)
Richest		0.684 (0.233 - 2.010)	1970 (0.683 - 5.682)	7.077** (1.225 - 40.90)		1,257 (0.455 - 3.478)	2,451 (0.492 - 12.22)
Base = no - currently not working							
Yes - currently working		1029 (0.677 - 1.565)	1129 (0.747 - 1.705)	0.571 (0.221 - 1.477)		1,060 (0.719 - 1.562)	1,749 (0.802 - 3.814)
Base = no education							
Primary education level		1.481 (0.995 - 2.205)	1.752*** (1.149 - 2.671)	1594 (0.604 - 4.209)		1.512** (1.037 - 2.204)	3.554*** (1.567 - 8.061)
Secondary education level		3.285*** (1.769 - 6.100)	5.633*** (3.039 - 10.44)	3.828** (1.152 - 12.72)		4.497*** (2.476 - 8.165)	4.643*** (1.647 - 13.09)
Higher education level		2674 (0.234 - 30.59)	3784 (0.416 - 34.44)	32.45** (1.435 - 733.6)		3,646 (0.411 - 32.35)	0*** (0 - 0)
Constant		3.441* (0.919 - 12.88)	1081 (0.277 - 4.222)	0.0111*** (0.000571 - 0.215)		4.264** (1.228 - 14.81)	0.00446*** (0.000293 - 0.0677)
Observations	2.537	2.537	2.537	2.537	2.568	2.568	2.568
Notes_Titles							
Relative risk measures the association between the exposure and the outcome.							
Robust ci in parentheses (Figures in brackets show 95 percent confidence intervals).							
*** p<0.01, ** p<0.05							