

Table S2. Odds ratio of all selected maternal health variables by socio-demogra														
	Delivery			Antenatal care								Postnatal Care		
Variables	Everbirth odds ratio	Csection odds ratio	Lastbirth odds ratio	Number odds ratio	Weighed odds ratio	Height odds ratio	Blood pressure odds ratio	Urine sample odds ratio	Blood sample odds ratio	Tetainjectbp2 odds ratio	Receivedinfo odds ratio	Receivedpostnat odds ratio	checkup odds ratio	Visitedhealth odds ratio
Base = Eastern Congo														
Western Congo	1.025 (0.707 - 1.487)	1.236 (0.886 - 1.725)	1.444 (0.715 - 2.916)		1.277 (0.647 - 2.521)	0.298*** (0.147 - 0.607)	1476 (0.780 - 2.794)	3.745*** (1.593 - 8.805)	0.623** (0.400 - 0.971)	0.841 (0.509 - 1.387)	0.751 (0.501 - 1.126)	0.997 (0.837 - 1.187)		1.009 (0.905 - 1.126)
Base = 2013-2014														
2007	0.793** (0.655 - 0.959)	0.823 (0.676 - 1.001)	0.921 (0.527 - 1.609)		1.252 (0.787 - 1.992)	0.794 (0.393 - 1.604)	1.061 (0.737 - 1.527)	1.006 (0.566 - 1.785)	0.949 (0.713 - 1.262)	0.758 (0.539 - 1.066)	0.373*** (0.282 - 0.493)	13.06*** (7.255 - 23.51)		0.836*** (0.777 - 0.899)
Base = Catholic														
Protestant	0.920 (0.720 - 1.176)	0.819 (0.632 - 1.060)	1005 (0.517 - 1.952)		0.792 (0.461 - 1.359)	1163 (0.594 - 2.280)	0.873 (0.561 - 1.359)	0.705 (0.361 - 1.375)	1270 (0.900 - 1.793)	1035 (0.695 - 1.541)	1201 (0.855 - 1.686)	1032 (0.890 - 1.197)		1046 (0.953 - 1.148)
Kimbanguist	0.404*** (0.221 - 0.740)	0.357*** (0.184 - 0.693)	1745 (0.511 - 5.959)		0.204** (0.0466 - 0.895)	0.145 (0.0181 - 1.162)	0.877 (0.381 - 2.018)	0.527 (0.0634 - 4.376)	1634 (0.717 - 3.725)	0.820 (0.353 - 1.905)	0.952 (0.485 - 1.871)	0.484*** (0.338 - 0.693)		0.811 (0.653 - 1.008)
Other Christians	0.781** (0.619 - 0.984)	0.743** (0.578 - 0.955)	1269 (0.604 - 2.666)		0.896 (0.507 - 1.584)	1663 (0.831 - 3.327)	0.806 (0.519 - 1.252)	0.572 (0.295 - 1.107)	1173 (0.826 - 1.666)	1221 (0.802 - 1.860)	0.829 (0.591 - 1.164)	0.783*** (0.676 - 0.906)		1033 (0.945 - 1.130)
Muslim	0.544 (0.287 - 1.033)	0.543 (0.274 - 1.074)	2.753 (0.882 - 8.601)		0.187 (0.550 - 4.482)	1570 (0.0194 - 1.802)	0.254 (0.0350 - 1.837)	1163 (0.138 - 9.828)	1264 (0.467 - 3.426)	3033 (0.698 - 13.18)	0.600 (0.159 - 2.259)	0.840 (0.527 - 1.340)		0.907 (0.692 - 1.190)
Animist	0.529 (0.0861 - 3.254)	0.574 (0.0938 - 3.512)	4291 (0.646 - 28.50)		0.574 (0.0481 - 1.339)	1015 (0.109 - 2.949)	1015 (0.190 - 5.428)	1419 (0.396 - 5.081)	1603 (0.435 - 5.904)	2043 (0.533 - 7.832)	2043 (0.438 - 1.956)	0.926 (0.438 - 1.956)		1421 (0.888 - 2.272)
No religion	0.517 (0.167 - 1.601)	0.462 (0.118 - 1.810)			0.254 (0.0481 - 1.339)		0.567 (0.109 - 2.949)	2172 (0.479 - 9.852)	3.945** (1.146 - 13.58)	1554 (0.380 - 6.350)	1215 (0.418 - 3.530)	0.802 (0.485 - 1.326)		1024 (0.692 - 1.513)
Other	1137 (0.472 - 2.741)	1124 (0.436 - 2.900)	1571 (0.291 - 8.483)		3.293 (0.824 - 13.16)	2679 (0.719 - 9.983)	0.889 (0.183 - 4.324)		0.341 (0.0820 - 1.416)	0.661 (0.185 - 2.356)	1154 (0.401 - 3.319)	0.551*** (0.357 - 0.852)		0.960 (0.697 - 1.321)
Base = Bakongo north and South														
Bas-Kasai and Kwilu-Kwngo	0.595*** (0.410 - 0.863)	0.493*** (0.341 - 0.713)	8.754 (0.879 - 87.13)		7.987*** (1.879 - 33.95)	7.777** (1.315 - 45.98)	0.641 (0.307 - 1.340)	3430 (0.766 - 15.37)	0.475** (0.259 - 0.870)	0.425** (0.187 - 0.966)	0.650 (0.380 - 1.111)	1.267** (1.001 - 1.604)		0.985 (0.866 - 1.122)
Cuvette Central	0.560** (0.335 - 0.936)	0.463*** (0.265 - 0.809)	13.85** (1.559 - 123.1)		5.978** (1.146 - 31.19)	1653 (0.244 - 11.22)	1284 (0.565 - 2.920)	2920 (0.560 - 15.22)	0.380*** (0.188 - 0.767)	0.593 (0.250 - 1.407)	0.951 (0.477 - 1.893)	0.582*** (0.440 - 0.771)		1.321*** (1.128 - 1.548)
Ubangi and Itimbiri	0.535*** (0.362 - 0.791)	0.435*** (0.285 - 0.665)	6162 (0.680 - 55.83)		1044 (0.222 - 4.909)	2512 (0.417 - 15.14)	0.981 (0.465 - 2.068)	11.64*** (2.791 - 48.53)	0.537 (0.285 - 1.014)	0.840 (0.355 - 1.991)	0.631 (0.351 - 1.135)	0.435*** (0.338 - 0.560)		1.335*** (1.158 - 1.541)
Uele Lake Albert	1360 (0.806 - 2.294)	1434 (0.855 - 2.404)	34.34*** (3.445 - 342.3)		21.52*** (4.270 - 108.5)	1027 (0.127 - 8.335)	1389 (0.481 - 4.013)	0.401 (0.0333 - 4.820)	0.167*** (0.0752 - 0.369)	0.487 (0.174 - 1.367)	0.395** (0.187 - 0.834)	0.806 (0.590 - 1.101)		1022 (0.842 - 1.240)
Basele-k, man. And Kivu	2.111*** (1.322 - 3.371)	2.372*** (1.548 - 3.636)	16.19** (1.623 - 161.6)		9.505*** (1.968 - 45.90)	4289 (0.694 - 26.51)	1286 (0.479 - 3.455)	7.827** (1.463 - 41.88)	0.215*** (0.103 - 0.449)	0.490 (0.193 - 1.246)	0.675 (0.342 - 1.329)	1143 (0.854 - 1.531)		1.433*** (1.215 - 1.690)
Kasai, Katanga, Tanganika	0.630*** (0.447 - 0.888)	0.611*** (0.432 - 0.863)	23.73*** (2.773 - 203.0)		7.352*** (1.781 - 30.36)	3202 (0.557 - 18.42)	1463 (0.739 - 2.895)	6.586*** (1.577 - 27.51)	0.219*** (0.123 - 0.393)	0.504 (0.229 - 1.107)	0.515** (0.308 - 0.859)	0.675*** (0.536 - 0.849)		1.235*** (1.096 - 1.393)
Lunda	1486 (0.649 - 3.400)	1618 (0.693 - 3.777)	4774 (0.239 - 95.49)		0.600 (0.755 - 33.42)	0.600 (0.0410 - 8.780)	0.375 (0.0744 - 1.893)	1265 (0.389 - 4.121)	0.768 (0.148 - 3.983)	0.462 (0.120 - 1.774)		1102 (0.608 - 1.998)		1.712*** (1.205 - 2.432)
Other	0.458 (0.166 - 1.266)	0.523 (0.189 - 1.444)	39.47*** (2.957 - 526.8)		1703 (0.124 - 23.40)	5772 (0.375 - 88.82)		41.64*** (4.806 - 360.8)	0.214 (0.0407 - 1.124)	1728 (0.178 - 16.74)	0.491 (0.133 - 1.816)	0.705 (0.371 - 1.342)		1083 (0.737 - 1.592)
Base = Urban														
Rural	0.788 (0.610 - 1.018)	0.755** (0.579 - 0.985)	1232 (0.569 - 2.668)		1088 (0.551 - 2.147)	1478 (0.706 - 3.091)	1.897*** (1.173 - 3.068)	0.717 (0.337 - 1.524)	0.631** (0.440 - 0.904)	0.541** (0.333 - 0.880)	0.721 (0.500 - 1.038)	0.641*** (0.547 - 0.751)		0.884** (0.794 - 0.984)
Base = Poorest														
Poorer	1013 (0.729 - 1.407)	1156 (0.813 - 1.644)	0.678 (0.375 - 1.224)		0.885 (0.517 - 1.514)	0.752 (0.351 - 1.609)	0.910 (0.575 - 1.438)	0.938 (0.433 - 2.032)	1.407 (0.959 - 2.064)	1.547** (1.007 - 2.377)	1078 (0.751 - 1.549)	1112 (0.947 - 1.306)		1.130** (1.011 - 1.264)
Middle	1170 (0.838 - 1.634)	1301 (0.913 - 1.854)	0.823 (0.464 - 1.459)		0.988 (0.554 - 1.762)	0.420** (0.194 - 0.911)	0.885 (0.555 - 1.413)	1144 (0.558 - 2.346)	1.407 (0.972 - 2.037)	1.691** (1.086 - 2.632)	1220 (0.846 - 1.759)	1.236** (1.049 - 1.457)		1090 (0.973 - 1.221)
Richer	1.755*** (1.244 - 2.477)	1.726*** (1.217 - 2.447)	0.298** (0.112 - 0.790)		0.468 (0.216 - 1.011)	0.965 (0.432 - 2.156)	0.599 (0.350 - 1.026)	0.601 (0.224 - 1.615)	2.710*** (1.753 - 4.189)	1325 (0.794 - 2.213)	1372 (0.887 - 2.122)	1.401*** (1.156 - 1.697)		1.125 (0.988 - 1.281)
Richest	1.711*** (1.173 - 2.497)	1.757*** (1.183 - 2.610)	0.105** (0.0179 - 0.623)		0.143** (0.0247 - 0.825)	0.436 (0.107 - 1.772)	0.394** (0.166 - 0.935)	0.709 (0.213 - 2.361)	4.180*** (2.254 - 7.749)	1294 (0.613 - 2.731)	1218 (0.709 - 2.091)	1.824*** (1.444 - 2.304)		1126 (0.971 - 1.306)
Base = no - currently not working														
Yes - currently working	0.956 (0.769 - 1.189)	1027 (0.826 - 1.277)	1192 (0.672 - 2.114)		1626 (0.909 - 2.908)	0.612 (0.341 - 1.101)	0.831 (0.564 - 1.225)	0.931 (0.498 - 1.741)	1045 (0.761 - 1.436)	0.789 (0.538 - 1.158)	1007 (0.756 - 1.341)	0.894 (0.786 - 1.017)		1.502*** (1.393 - 1.621)
Base = no education														
Primary education level	0.827 (0.624 - 1.098)	0.799 (0.597 - 1.069)	1070 (0.615 - 1.862)		0.861 (0.511 - 1.450)	1225 (0.648 - 2.316)	0.854 (0.562 - 1.297)	1185 (0.558 - 2.518)	1128 (0.806 - 1.578)	1184 (0.802 - 1.747)	0.827 (0.591 - 1.157)	1.170** (1.006 - 1.359)		1.202*** (1.084 - 1.332)
Secondary education level	1083 (0.788 - 1.487)	1043 (0.760 - 1.431)	0.410** (0.195 - 0.862)		0.327*** (0.161 - 0.665)	0.711 (0.293 - 1.726)	0.833 (0.500 - 1.387)	0.834 (0.357 - 1.944)	2.231*** (1.492 - 3.336)	1.702** (1.041 - 2.783)	1322 (0.885 - 1.974)	1.574*** (1.326 - 1.869)		1.309*** (1.167 - 1.468)
Higher education level	1.669 (0.937 - 2.973)	1.860** (1.033 - 3.352)					0.0750** (0.00841 - 0.669)		59.56*** (6.627 - 535.2)	4726 (0.514 - 43.43)	23.93*** (3.161 - 181.2)	3.805*** (2.247 - 6.443)		1.584*** (1.284 - 1.955)
Constant	0.0823*** (0.0450 - 0.150)	0.0633*** (0.0350 - 0.114)	0.00429*** (0.000318 - 0.0580)		0.0150*** (0.00210 - 0.107)	0.0353*** (0.00401 - 0.311)	0.181*** (0.0559 - 0.585)	0.00660*** (0.000916 - 0.0475)	2.838** (1.120 - 7.189)	10.85*** (3.345 - 35.17)	2.956** (1.219 - 7.168)	1.216 (0.834 - 1.773)		0.310*** (0.247 - 0.389)
Observations	16.609	16.592	2.163		2.164	2.146	2.184	2.11	2.198	2.169	2.173	11.37		28.643
Notes_Titles														
Robust ci in parentheses (Figures in brackets show 95 percent confidence intervals).														
*** p<0.01, ** p<0.05 (to facilitate readability-only significant results have been presented; please refer to appendix x for the complete results of the analyses)														