Appendix: Multivariate logistic regression of under-5 mortality: regression coefficients, confidence intervals and p-value in the 13 countries, DHS 2007-2010

	DRCongo 2007				Egypt 2008				Ghana 2008				Kenya 2008/09				Lesotho 2009/10				Liberia 2007				Madagascar 2008/09			
	b	LCL	UCL	P	b	LCL	UCL	P	b	LCL	UCL	P	b	LCL	UCL	P	b	LCL	UCL	P	b	LCL	UCL	P	b	LCL	UCL	P
Low household wealth	0.07	-0.16	0.30	.563	0.38	-0.06	0.82	.093	-0.58	-1.26	0.10	.094	0.02	-0.38	0.42	.935	0.02	-0.35	0.39	.916	0.09	-0.28	0.45	.643	0.07	-0.19	0.33	.594
No skilled birth attendance	0.20	-0.06	0.46	.140	0.01	-0.35	0.37	.942	-0.23	-0.66	0.21	.310	-0.13	-0.44	0.17	.385	0.34	0.00	0.68	.052	0.02	-0.37	0.41	.918	0.13	-0.10	0.36	.273
Male	0.24	0.08	0.41	.005	0.30	0.02	0.57	.035	0.08	-0.29	0.45	.671	0.32	0.01	0.62	.041	0.36	0.08	0.64	.012	0.20	-0.07	0.47	.141	0.05	-0.17	0.27	.670
Birth 2-4 short	0.00	-0.33	0.32	.982	0.61	0.20	1.03	.004	-0.50	-1.25	0.25	.191	0.22	-0.24	0.68	.341	0.09	-0.45	0.63	.748	0.23	-0.30	0.76	.394	0.13	-0.19	0.45	.440
Birth 2-4 long	-0.51	-0.78	-0.24	.000	-0.24	-0.61	0.12	.187	-0.44	-0.94	0.06	.085	-0.27	-0.71	0.16	.220	-0.53	-0.90	-0.16	.006	-0.26	-0.68	0.16	.232	-0.16	-0.46	0.15	.306
Birth 5+ short	0.42	0.05	0.79	.025	0.80	0.00	1.60	.050	0.78	-0.01	1.57	.052	0.01	-0.60	0.63	.974	0.49	-0.30	1.29	.224	0.41	-0.24	1.06	.220	0.80	0.34	1.26	.001
Birth 5+ long	-0.40	-0.77	-0.03	.037	0.47	-0.07	1.00	.086	-0.30	-1.01	0.41	.407	-0.36	-0.94	0.22	.219	-0.35	-0.95	0.24	.247	-0.03	-0.61	0.56	.933	0.22	-0.20	0.65	.307
Mother's age at birth <20	0.03	-0.27	0.33	.830	0.15	-0.20	0.50	.401	0.08	-0.44	0.60	.773	-0.30	-0.65	0.05	.098	-0.44	-0.85	-0.02	.039	0.27	-0.13	0.67	.187	0.12	-0.17	0.42	.420
Rural residence	0.09	-0.17	0.35	.506	-0.07	-0.49	0.35	.742	0.19	-0.34	0.73	.483	0.00	-0.50	0.50	.997	0.13	-0.44	0.70	.661	-0.02	-0.43	0.39	.931	0.05	-0.34	0.44	.798
Mother low education	0.34	0.10	0.57	.005	-0.35	-0.77	0.06	.098	0.08	-0.36	0.53	.714	0.18	-0.18	0.53	.325	0.30	-0.05	0.65	.092	-0.25	-0.65	0.15	.213	-0.13	-0.44	0.19	.440
Father low education	-0.04	-0.27	0.20	.765	0.17	-0.24	0.58	.409	0.36	-0.08	0.79	.106	0.61	0.25	0.98	.001	-0.10	-0.44	0.25	.585	0.32	-0.01	0.64	.057	0.02	-0.24	0.29	.858
Mother household	-0.02	-0.33	0.29	.911	-0.35	-0.85	0.15	.169	0.34	-0.25	0.93	.258	-0.36	-0.71	-0.01	.046	-0.35	-0.69	-0.02	.039	-0.19	-0.55	0.17	.296	0.17	-0.34	0.68	.514
Mother agriculture	0.14	-0.21	0.50	.439	-0.84	-2.15	0.48	.213	0.14	-0.33	0.61	.551	-0.19	-0.56	0.19	.331	-0.24	-0.70	0.21	.294	-0.49	-1.00	0.01	.057	0.03	-0.40	0.46	.902
Father household	0.24	-0.05	0.52	.103	0.58	0.03	1.12	.039	0.93	-0.26	2.12	.125	0.19	-0.23	0.61	.373	0.11	-0.25	0.48	.541	0.31	-0.26	0.89	.289	-0.41	-1.14	0.32	.271
Father agriculture	0.22	-0.05	0.50	.116	0.28	-0.18	0.73	.237	0.44	-0.14	1.03	.140	0.37	-0.08	0.83	.110	0.12	-0.20	0.44	.464	0.11	-0.34	0.55	.641	0.06	-0.30	0.42	.763
Region 2	0.18	-0.38	0.73	.533	-0.76	-1.29	-0.24	.005	0.38	-0.53	1.29	.408	-0.11	-1.04	0.83	.821	0.67	0.19	1.14	.006	0.27	-0.33	0.87	.380	0.29	-0.06	0.64	.100
Region 3	-0.08	-0.65	0.48	.777	-0.40	-0.98	0.18	.180	0.25	-0.70	1.21	.604	-0.31	-1.12	0.51	.458	0.11	-0.43	0.65	.686	0.46	-0.10	1.02	.109	-0.28	-0.71	0.16	.219
Region 4	0.17	-0.39	0.72	.553	-0.49	-1.23	0.25	.194	-0.38	-1.50	0.75	.510	-0.50	-1.59	0.60	.375	0.27	-0.30	0.83	.352	0.18	-0.41	0.78	.545	0.04	-0.36	0.44	.839
Region 5	-0.17	-0.79	0.46	.607					0.54	-0.38	1.45	.251	0.32	-0.50	1.15	.447	0.36	-0.13	0.85	.146	0.41	-0.19	1.01	.181	-0.30	-0.72	0.12	.165
Region 6	-0.33	-1.01	0.34	.333					0.35	-0.48	1.19	.407	-1.02	-1.94	-0.09	.032	0.29	-0.23	0.81	.268	0.40	-0.13	0.94	.139	-0.19	-0.81	0.43	.545
Region 7	0.41	-0.10	0.91	.114					-0.04	-1.07	0.99	.937	-0.24	-1.16	0.69	.616	0.34	-0.24	0.91	.254								
Region 8	0.22	-0.31	0.75	.417					0.61	-0.23	1.45	.157	-0.85	-1.83	0.14	.094	0.22	-0.48	0.92	.535								
Region 9	0.43	-0.07	0.94	.093					-0.17	-1.19	0.86	.752					0.14	-0.41	0.69	.611								
Region 10	0.07	-0.40	0.54	.768					0.73	-0.23	1.68	.136					0.08	-0.40	0.57	.735								
Region 11	0.02	-0.57	0.61	.937																								

Occupation other: Prof., Tech., Manag., Clerical, Sales, Services, Skilled manual, other. Household: Did not work, Household & Domestic, Unskilled manual, None. Agriculture: Agric-self employed, Agric-employee. b: regression coefficient. LCL: 95% lower confidence limit. UCL: 95% upper confidence limit. P: p-value.

Appendix (continued)

	Malawi 2010				Nigeria 2008				SaoTome & Principe 2008/09				Sierra Leone 2008				Tanzania 2009/10				Zambia 2007			
	b	LCL	UCL	P	b	LCL	UCL	P	b	LCL	UCL	P	b	LCL	UCL	P	b	LCL	UCL	P	b	LCL	UCL	P
Low household wealth	-0.03	-0.18	0.12	.667	0.10	-0.03	0.23	.133	0.51	-0.19	1.21	.155	0.18	-0.09	0.44	.191	0.18	-0.20	0.56	.351	-0.20	-0.48	0.09	.183
No skilled birth attendance	0.07	-0.06	0.21	.286	-0.03	-0.15	0.09	.602	-0.57	-1.67	0.53	.312	0.31	0.05	0.58	.021	0.06	-0.24	0.36	.680	0.00	-0.27	0.27	.999
Male	0.29	0.15	0.43	.000	0.13	0.04	0.21	.003	1.28	0.42	2.14	.004	-0.17	-0.39	0.05	.124	0.29	0.06	0.51	.014	0.20	-0.02	0.41	.070
Birth 2-4 short	0.12	-0.16	0.40	.387	0.44	0.29	0.60	.000	1.66	0.20	3.12	.028	0.09	-0.33	0.51	.675	0.24	-0.20	0.67	.287	0.15	-0.29	0.60	.502
Birth 2-4 long	-0.50	-0.70	-0.30	.000	-0.28	-0.42	-0.14	.000	1.07	-0.22	2.36	.108	-0.56	-0.88	-0.25	.000	-0.25	-0.59	0.10	.157	-0.46	-0.78	-0.13	.006
Birth 5+ short	0.41	0.07	0.76	.019	0.82	0.64	1.00	.000	2.96	1.24	4.67	.001	0.71	0.19	1.23	.008	0.08	-0.53	0.70	.786	0.00	-0.57	0.56	.990
Birth 5+ long	-0.54	-0.83	-0.26	.000	0.13	-0.04	0.29	.126	0.87	-0.92	2.66	.346	-0.25	-0.69	0.19	.261	-0.40	-0.91	0.10	.117	-0.67	-1.12	-0.23	.003
Mother's age at birth <20	-0.20	-0.39	-0.01	.038	0.25	0.13	0.36	.000	-0.09	-1.07	0.89	.856	0.18	-0.12	0.49	.239	-0.10	-0.52	0.31	.625	-0.18	-0.46	0.11	.224
Rural residence	-0.12	-0.37	0.14	.370	0.33	0.19	0.48	.000	-1.28	-1.98	-0.57	.001	-0.51	-0.85	-0.16	.005	-0.28	-0.73	0.16	.210	-0.35	-0.68	-0.03	.035
Mother low education	0.17	-0.02	0.36	.073	0.10	-0.04	0.25	.162	1.56	0.47	2.66	.006	-0.10	-0.52	0.32	.634	0.00	-0.26	0.26	.994	0.12	-0.14	0.37	.370
Father low education	0.02	-0.15	0.19	.825	0.07	-0.06	0.19	.295	-0.19	-0.89	0.51	.590	0.22	-0.14	0.58	.236	0.01	-0.25	0.27	.948	0.23	-0.03	0.48	.083
Mother household	-0.07	-0.28	0.14	.502	-0.14	-0.25	-0.02	.019	0.05	-0.73	0.83	.902	-0.04	-0.42	0.34	.842	0.27	-0.26	0.80	.312	-0.11	-0.40	0.18	.470
Mother agriculture	-0.10	-0.30	0.09	.302	-0.07	-0.20	0.07	.351	1.40	0.39	2.41	.008	0.12	-0.21	0.45	.461	-0.27	-0.79	0.25	.309	0.12	-0.21	0.45	.482
Father household	0.23	-0.03	0.49	.084	0.10	-0.30	0.51	.612	1.20	0.27	2.12	.013	0.09	-0.39	0.56	.714	-0.51	-1.00	-0.03	.040	0.06	-1.15	1.27	.928
Father agriculture	0.01	-0.14	0.16	.882	-0.02	-0.13	0.09	.722	0.77	-0.15	1.68	.103	0.09	-0.24	0.41	.609	0.12	-0.28	0.52	.571	0.05	-0.24	0.34	.749
Region 2	0.05	-0.24	0.34	.740	0.17	0.00	0.33	.049	-0.73	-1.50	0.04	.068	0.06	-0.25	0.37	.711	-0.27	-1.31	0.76	.609	-0.24	-0.63	0.15	.229
Region 3	0.16	-0.12	0.44	.266	0.18	0.01	0.35	.035	-1.10	-1.95	-0.26	.012	0.28	-0.05	0.62	.098	-0.63	-1.91	0.65	.336	0.36	-0.01	0.74	.057
Region 4					0.19	0.00	0.37	.049	-0.65	-1.55	0.25	.163	0.34	-0.14	0.82	.161	0.16	-0.77	1.08	.741	0.03	-0.42	0.47	.911
Region 5					0.01	-0.18	0.19	.927									0.51	-0.38	1.41	.260	0.18	-0.22	0.58	.370
Region 6					-0.29	-0.51	-0.07	.010									0.11	-0.96	1.18	.840	0.28	-0.07	0.64	.121
Region 7																	0.65	-0.22	1.51	.143	-0.20	-0.60	0.19	.315
Region 8																	0.78	0.02	1.53	.046	0.02	-0.43	0.46	.937
Region 9																	0.34	-0.64	1.32	.498	0.00	-0.47	0.47	.998
Region 10																	-0.39	-1.45	0.67	.475				
Region 11																	0.85	0.06	1.63	.035				
Region 12																	0.30	-0.60	1.20	.516				
Region 13																	-0.27	-1.27	0.74	.606				
Region 14																	0.29	-0.43	1.01	.436				
Region 15																	0.55	-0.20	1.30	.153				
Region 16																	0.54	-0.21	1.28	.158				

	b	LCL	UCL	P
Region 17	0.34	-0.43	1.10	.392
Region 18	0.58	-0.20	1.37	.145
Region 19	0.31	-0.48	1.11	.439
Region 20	1.30	0.54	2.07	.001
Region 21	-1.07	-2.20	0.06	.063
Region 22	0.09	-0.70	0.89	.817
Region 23	0.29	-0.48	1.07	.456

Occupation other: Prof., Tech., Manag., Clerical, Sales, Services, Skilled manual, other. Household: Did not work, Household & Domestic, Unskilled manual, None. Agriculture: Agric-self employed, Agric-employee. b: regression coefficient. LCL: 95% lower confidence limit. UCL: 95% upper confidence limit. P: p-value.