

APPENDIX:

Table A: Demographics of EVD survivors by PTSD Missing data

	No PTSD		PTSD		Total (n=470)		p-value
Biological Sex							0.518
Male	119	47.8%	113	51.1%	232	49.4%	
Female	130	52.2%	108	48.9%	238	50.6%	
Age Group							0.130
<20	23	9.2%	19	8.6%	42	8.9%	
20-24	38	15.3%	23	10.4%	61	13.0%	
25-29	50	20.1%	38	17.2%	88	18.7%	
30-34	43	17.3%	57	25.8%	100	21.3%	
35-39	32	12.9%	34	15.4%	66	14.0%	
40-44	30	12.0%	31	14.0%	61	13.0%	
45+	33	13.3%	19	8.6%	52	11.1%	
Education							0.059
No	140	56.2%	144	65.2%	284	60.4%	
Yes	109	43.8%	77	34.8%	186	39.6%	
Employment							0.087
No	206	82.7%	196	88.7%	402	85.5%	
Yes	43	17.3%	25	11.3%	68	14.5%	
Provinces							<0.001
Northern	42	16.9%	4	1.8%	46	9.8%	
Eastern	123	49.4%	59	26.7%	182	38.7%	
Southern	43	17.3%	56	25.3%	99	21.1%	
Western	26	10.4%	58	26.2%	84	17.9%	
Northwest	15	6.0%	44	19.9%	59	12.6%	
Ebola Survivor Residence Change							0.047
No	110	44.2%	77	34.8%	187	39.8%	
Yes	139	55.8%	144	65.2%	283	60.2%	
Stigma							<0.001
No	155	62.2%	58	26.2%	213	45.3%	
Yes	94	37.8%	163	73.8%	257	54.7%	
Duration of Acute EVD							<0.001
<7 Days	102	41.0%	0	0.0%	102	21.7%	
7-14 Days	35	14.1%	27	12.2%	62	13.2%	
15-21 Days	36	14.5%	80	36.2%	116	24.7%	
>21 Days	76	30.5%	114	51.6%	190	40.4%	
Acute EVD Symptoms							<0.001
No Symptoms	2	0.8%	0	0.0%	2	0.4%	
1-5 Symptoms	103	41.4%	175	79.2%	278	59.1%	
6-10 Symptoms	134	53.8%	36	16.3%	170	36.2%	
11 to 14 Symptoms	10	4.0%	10	4.5%	20	4.3%	
Ebola Treatment Center							<0.001
No	126	50.6%	21	9.5%	147	31.3%	
Yes	123	49.4%	200	90.5%	323	68.7%	
Hospital							<0.001
No	133	53.4%	208	94.1%	341	72.6%	
Yes	116	46.6%	13	5.9%	129	27.4%	

Table B: Mental health associations with participants by EVD survival status - Crude and Adjusted Odds Ratios (ORs) and 95% Confidence Intervals (95%CI), Logistic Regression Models

	Crude		Adjusted	
Depression				
No Depressive Symptoms	1	[1.00,1.00]	1	[1.00,1.00]
Depressive Symptoms	3.60*	[1.23,10.55]	3.39	[1.00,11.54]
Drug Use				
No Drug Use	1	[1.00,1.00]	1	[1.00,1.00]
Drug Use	5.83***	[2.76,12.29]	4.43***	[1.85,10.61]
Alcohol Use				
Acceptable Drinking	1	[1.00,1.00]	1	[1.00,1.00]
Harmful Drinking	1.69	[0.80,3.94]	1.26	[0.50,3.17]
Observations			898	

Exponentiated coefficients; 95% confidence intervals in brackets

* $p < 0.05$, ** $p < 0.01$, *** $p < 0.001$

Table C: Demographic associations with participants by EVD survival status - Crude and Adjusted Odds Ratios (ORs) and 95% Confidence Intervals (95%CI), Logistic Regression Models

	Crude		Adjusted	
Sex				
Male	1	[1.00,1.00]	1	[1.00,1.00]
Female	1.94***	[1.48,2.55]	1.57*	[1.10,2.25]
Age Group				
<20	1.11	[0.58,2.15]	1.15	[0.55,2.44]
20-24	1	[1.00,1.00]	1	[1.00,1.00]
25-29	0.77	[0.47,1.28]	1.79	[0.94,3.43]
30-34	0.61*	[0.37,0.99]	1.65	[0.87,3.12]
35-39	0.54*	[0.32,0.90]	1.51	[0.79,2.87]
40-44	0.91	[0.52,1.59]	3.38**	[1.60,7.17]
45+	0.79	[0.45,1.38]	3.20**	[1.49,6.88]
Province				
Northern	5.12***	[2.51,10.45]	5.21***	[2.16,12.61]
Eastern	1.80**	[1.25,2.59]	2.74***	[1.66,4.53]
Southern	2.12***	[1.40,3.20]	2.57**	[1.46,4.52]
Western	1	[1.00,1.00]	1	[1.00,1.00]
North West	1.41	[0.88,2.26]	2.13*	[1.13,4.02]
Education				
No	1	[1.00,1.00]	1	[1.00,1.00]
Yes	0.91	[0.70,1.20]	1.52*	[1.03,2.24]
Employment				
No	8.21***	[5.98,11.27]	13.9***	[9.13,21.27]
Yes	1	[1.00,1.00]	1	[1.00,1.00]
Religion				
Christian	0.56***	[0.42,0.73]	0.72	[0.51,1.03]
Muslim	1	[1.00,1.00]	1	[1.00,1.00]
Yes	1	[1.00,1.00]	1	[1.00,1.00]
No	1	[1.00,1.00]	1	[1.00,1.00]
Yes	0.96	[0.09,10.71]	1.24	[0.54,2.83]
Observations			828	

Exponentiated coefficients; 95% confidence intervals in brackets

* $p < 0.05$, ** $p < 0.01$, *** $p < 0.001$

Table D: Clinical and mental health associations with sex for survivors reporting PTSD - Crude and Adjusted Odds Ratios (ORs) and 95% Confidence Intervals (95%CI), Logistic Regression Models

	Crude		Adjusted	
Age Group				
<20	1.18	[0.37,3.77]	1.85	[0.48,7.20]
20-24	1	[1.00,1.00]	1	[1.00,1.00]
25-29	2.36	[0.85,6.61]	1.43	[0.45,4.58]
30-34	0.85	[0.33,2.20]	0.83	[0.28,2.45]
35-39	2.16	[0.79,5.84]	1.48	[0.48,4.59]
40-44	0.89	[0.31,2.52]	0.46	[0.14,1.51]
45+	1.40	[0.45,4.35]	0.69	[0.18,2.65]
Stigma				
No	1	[1.00,1.00]	1	[1.00,1.00]
Yes	5.05***	[2.60,9.82]	6.20***	[2.76,13.93]
Depression				
No Depressive Symptoms	1	[1.00,1.00]	1	[1.00,1.00]
Depressive Symptoms	1.87	[0.62,5.64]	2.20	[0.61,7.94]
Headache				
No	1	[1.00,1.00]	1	[1.00,1.00]
Yes	2.22*	[1.13,4.33]	1.28	[0.59,2.75]
Memory Loss				
No	1	[1.00,1.00]	1	[1.00,1.00]
Yes	1	[1.00,1.00]	1	[1.00,1.00]
Sleeping Issues				
No	1	[1.00,1.00]	1	[1.00,1.00]
Yes	1.24	[0.53,2.93]	1.06	[0.39,2.84]
Fatigue				
No	1	[1.00,1.00]	1	[1.00,1.00]
Yes	1.97*	[1.14,3.42]	1.05	[0.57,1.95]
Night Sweats				
No	1	[1.00,1.00]	1	[1.00,1.00]
Yes	1.81	[0.88,3.74]	1.24	[0.54,2.83]
Observations			248	

Exponentiated coefficients; 95% confidence intervals in brackets

* $p < 0.05$, ** $p < 0.01$, *** $p < 0.001$

Table E: Demographic associations with sex for survivors reporting PTSD - Crude and Adjusted Odds Ratios (ORs) and 95% Confidence Intervals (95%CI), Logistic Regression Models

	Crude		Adjusted	
Age Group				
<20	1.18	[0.37,3.77]	2.27	[0.44,11.77]
20-24	1	[1.00,1.00]	1	[1.00,1.00]
25-29	2.36	[0.85,6.61]	1.10	[0.28,4.42]
30-34	0.85	[0.33,2.20]	0.78	[0.20,3.12]
35-39	2.16	[0.79,5.84]	1.14	[0.35,5.77]
40-44	0.89	[0.31,2.52]	0.33	[0.07,1.47]
45+	1.40	[0.45,4.35]	0.39	[0.08,1.83]
Province				
Northern	6.25	[0.77,50.90]	13.8*	[1.08,177.75]
Eastern	8.14***	[3.40,19.50]	13.0***	[4.23,40.07]
Southern	14.5***	[5.90,35.58]	24.5***	[7.82,76.61]
Western	1	[1.00,1.00]	1	[1.00,1.00]
Northern	12.5***	[0.52,2.10]	22.9***	[5.22,100.49]
Change in Residence				
No	1	[1.00,1.00]	1	[1.00,1.00]
Yes	0.42**	[0.24,0.72]	0.93	[0.38,2.30]
Education				
No	1	[1.00,1.00]	1	[1.00,1.00]
Yes	0.75	[0.45,1.26]	0.51	[0.22,1.20]
Employment				
No	1	[1.00,1.00]	1	[1.00,1.00]
Yes	1.15	[0.53,2.49]	1.62	[0.43,6.05]
Religion				
Christian	0.67	[0.40,1.12]	1.52	[0.76,3.03]
Muslim	1	[1.00,1.00]	1	[1.00,1.00]
Employment Since Ebola				
No	1	[1.00,1.00]	1	[1.00,1.00]
Yes	1.30	[0.48,3.54]	0.55	[0.11,2.80]
Observations			226	

Exponentiated coefficients; 95% confidence intervals in brackets

* $p < 0.05$, ** $p < 0.01$, *** $p < 0.001$

Table F: Mental health of female participants by EVD survival

	Close Contacts (n=130)		EVD Survivors (n=294)		Total		p-value
Age Group							0.851
<20	10	7.7%	24	8.2%	34	8.0%	
20-24	16	12.3%	43	14.6%	59	13.9%	
25-29	28	21.5%	58	19.7%	86	20.3%	
30-34	28	21.5%	60	20.4%	88	20.8%	
35-39	25	19.2%	44	15.0%	69	16.3%	
40-44	12	9.2%	30	10.2%	42	9.9%	
45+	11	8.5%	35	11.9%	46	10.8%	
Provinces							0.003
Northern	3	2.3%	23	7.8%	26	6.1%	
Eastern	55	42.3%	119	40.5%	174	41.0%	
Southern	32	24.6%	95	32.3%	127	30.0%	
Western	16	12.3%	12	4.1%	28	6.6%	
North West	24	18.5%	45	15.3%	69	16.3%	
Depression							0.165
No Depressive Symptoms	128	98.5%	280	95.2%	408	96.2%	
Depressive Symptoms	2	1.5%	14	4.8%	16	3.8%	
Drug Use							≤0.001
No Drug Use	128	98.5%	254	86.4%	382	90.1%	
Drug Use	2	1.5%	40	13.6%	42	9.9%	
Alcohol Use							0.045
Acceptable Drinking	129	99.2%	280	95.2%	409	96.5%	
Harmful Drinking	1	0.8%	14	4.8%	15	3.5%	

Table G: Mental health of male participants by EVD status

	Close Contacts (n=222)		EVD Survivors (n=259)		Total		p-value
Age Group							0.068
<20	10	4.5%	23	8.9%	33	6.9%	
20-24	20	9.0%	32	12.4%	52	10.8%	
25-29	35	15.8%	45	17.4%	80	16.6%	
30-34	58	26.1%	51	19.7%	109	22.7%	
35-39	46	20.7%	37	14.3%	83	17.3%	
40-44	25	11.3%	41	15.8%	66	13.7%	
45+	28	12.6%	30	11.6%	58	12.1%	
Provinces							0.010
Northern	8	3.6%	29	11.2%	37	7.7%	
Eastern	75	33.8%	97	37.5%	172	35.8%	
Southern	37	16.7%	40	15.4%	77	16.0%	
Western	76	34.2%	73	28.2%	149	31.0%	
North West	26	11.7%	20	7.7%	46	9.6%	
Depression							0.116
No Depressive Symptoms	220	99.1%	251	96.9%	471	97.9%	
Depressive Symptoms	2	0.9%	8	3.1%	10	2.1%	
Drug Use							0.002
No Drug Use	216	97.3%	234	90.3%	450	93.6%	
Drug Use	6	2.7%	25	9.7%	31	6.4%	
Alcohol Use							0.826
Acceptable Drinking	213	95.9%	247	95.4%	460	95.6%	
Harmful Drinking	9	4.1%	12	4.6%	21	4.4%	

Table H: Mental health reports of EVD survivors by biological sex.

	Biological Sex				Total		p-value
	Male (n=260)		Female (n=296)				
Stigma							0.011
No	135	51.9%	121	40.9%	256	46.0%	
Yes	125	48.1%	175	59.1%	300	54.0%	
PTSD							0.733
No PTSD	139	53.5%	163	55.1%	302	54.3%	
PTSD	121	46.5%	133	44.9%	254	45.7%	
Depression							0.386
No Depressive Symptoms	252	96.9%	282	95.3%	534	96.0%	
Depressive Symptoms	8	3.1%	14	4.7%	22	4.0%	
Drug Use							0.148
No Drug Use	235	90.4%	255	86.1%	490	88.1%	
Drug Use	25	9.6%	41	13.9%	66	11.9%	
Alcohol Use							1.000
Acceptable Drinking	248	95.4%	282	95.3%	530	95.3%	
Harmful Drinking	12	4.6%	14	4.7%	26	4.7%	