

Supplementary Appendix

Supplement to the study titled “Workplace Violence and Self-Reported Physical and Mental Health: A National Cross-Sectional Study in Lebanon”

Supplementary Appendix

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Figure S1. DAG representing causal relationship between WPV and depressive symptoms

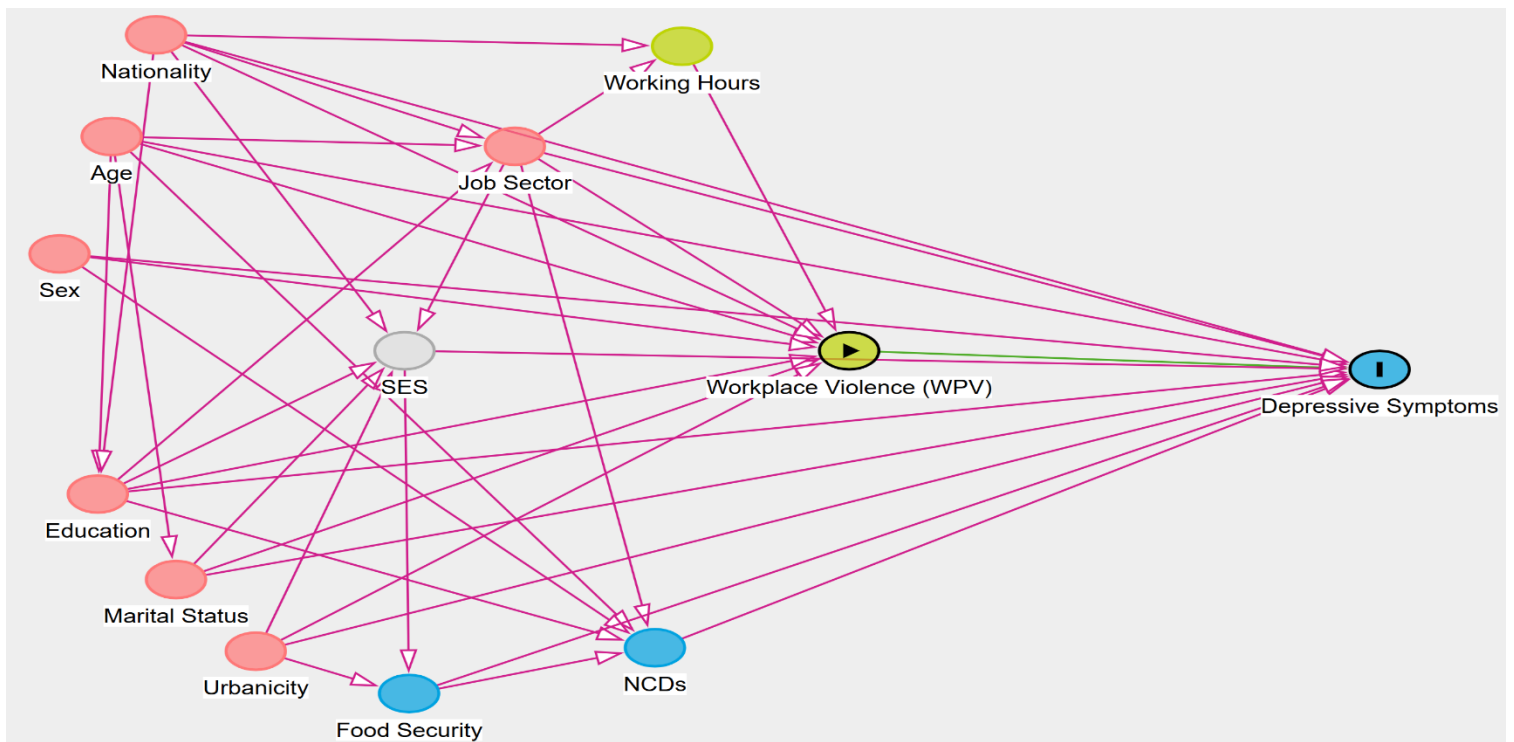


Figure S2. DAG representing causal relationship between WPV and anxiety symptoms

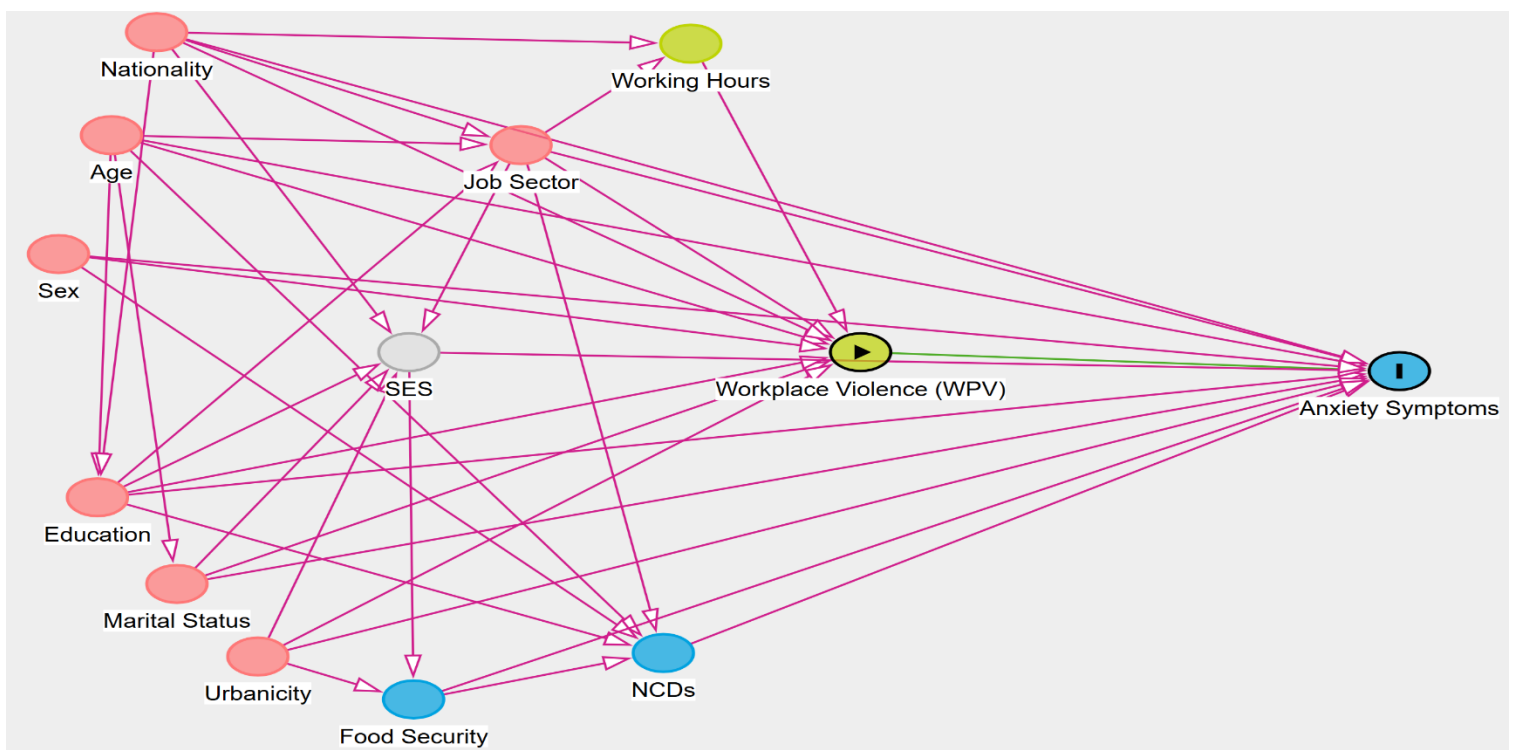


Figure S3. DAG representing causal relationship between WPV and physical health

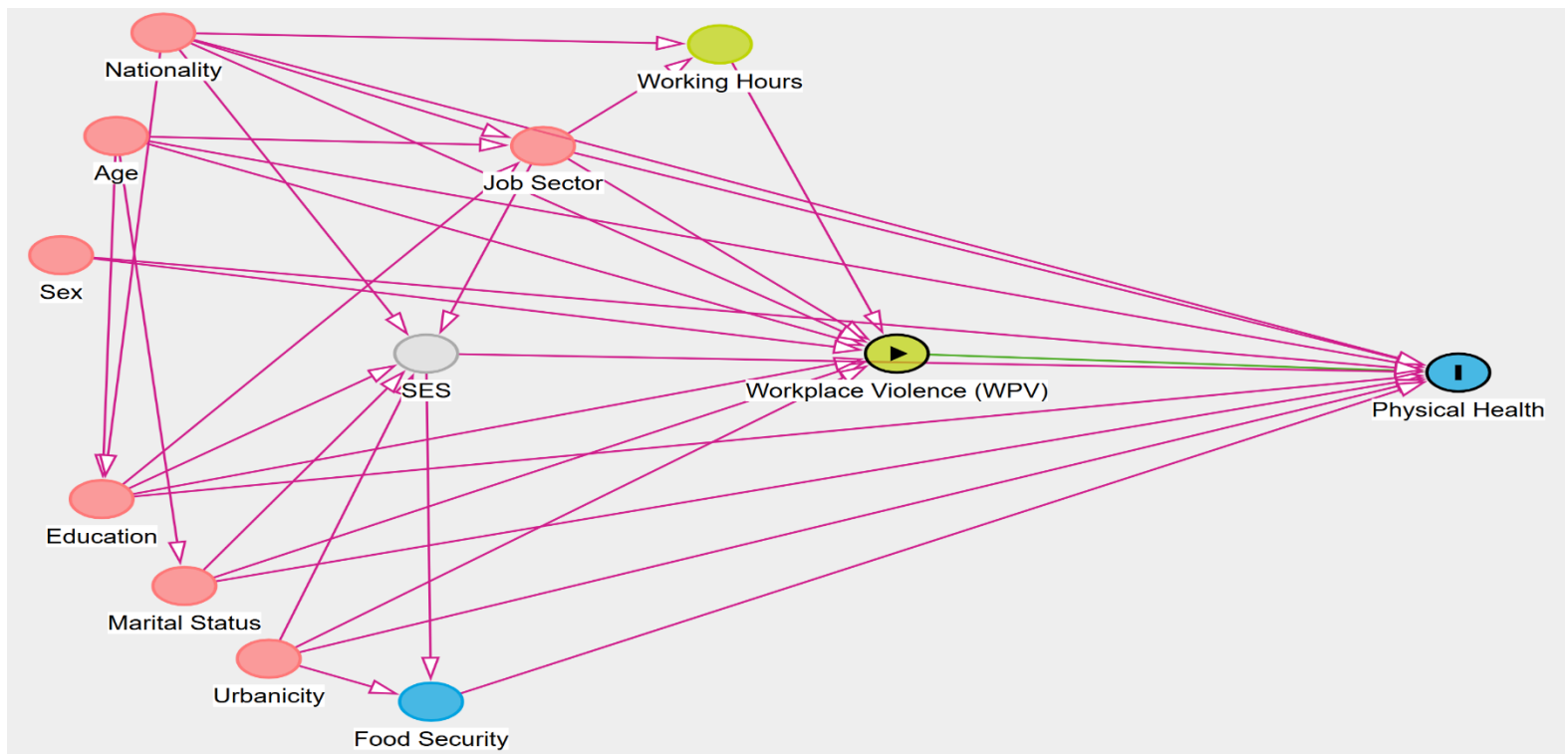


Table S1. Characteristics of participants and their association with depressive symptoms

	Total		PHQ9<10		PHQ9≥10		Unadjusted Odds Ratio (OR)	(95% CI)
	n=3,036	(100%)	n= 1,956	(66·6%)	n= 1,080	(33·4%)		
Age median (IQR)	37	(29-47)	38	(29-47)	37	(29-47)	0·99	(0·99-1·01)
Sex								
Male	1,865	(67·4)	1,222	(68·2)	643	(65·8)	1·00	
Female	1,171	(32·6)	734	(31·8)	437	(34·2)	1·11	(0·95-1·30)
Education								
No/ Primary Education	801	(24·5)	430	(20·6)	371	(32·3)	1·00	
Intermediate/Technical	1,357	(45·1)	883	(45·4)	474	(44·5)	0·62	(0·51-0·75)
College/ Post	878	(30·4)	643	(34·0)	235	(23·3)	0·43	(0·35-0·53)
Nationality								
Lebanese	1,941	(75·0)	1,366	(79·0)	575	(66·1)	1·00	
Non-Lebanese	1,095	(25·0)	590	(21·0)	505	(33·9)	1·99	(1·70-2·32)
Marital Status								
Single	721	(25·1)	516	(27·4)	205	(20·6)	1·00	
Married/ Engaged	2,105	(68·7)	1,325	(67·2)	780	(71·6)	1·41	(1·17-1·71)
Widowed/ Divorced	210	(6·2)	115	(5·4)	95	(7·8)	1·92	(1·38-2·67)
Urbanicity								
Rural	2,336	(79·2)	1,499	(78·6)	837	(80·4)	1·00	
Urban	664	(20·8)	433	(21·4)	231	(19·6)	0·89	(0·73-1·07)
Missing	36		24		12			
Job Sector								
Government-NGO	392	(14·4)	276	(15·4)	116	(12·5)	1·00	
Private business	1,536	(51·0)	1,037	(53·2)	499	(46·6)	1·07	(0·84-1·38)
Private household	125	(3·3)	68	(2·7)	57	(4·6)	2·12	(1·37-3·27)
Freelance	977	(31·3)	570	(28·7)	407	(36·4)	1·56	(1·20-2·02)
Missing	6		5		1			

Table S2. Characteristics of participants and their association with anxiety symptoms

	Total		GAD7<10		GAD7≥10		Unadjusted	(95% CI)
	n=3,053	(100%)	n=2,228	(74.5%)	n=825	(25.5%)	OR	
Age median (IQR)	38	(29-47)	37	(28-47)	38	(29-47)	1.01	(0.99-1.02)
Sex								
Male	1,874	(67.3)	1,403	(68.4)	471	(63.9)	1.00	
Female	1,179	(32.7)	825	(31.6)	354	(36.1)	1.20	(1.03-1.44)
Education								
No/ Primary Education	806	(24.5)	532	(22.4)	274	(30.8)	1.00	
Intermediate/Technical	1,364	(45.1)	981	(44.2)	383	(47.6)	0.78	(0.64-0.95)
College/ Post	883	(30.4)	715	(33.4)	168	(21.6)	0.47	(0.37-0.59)
Nationality								
Lebanese	1,955	(75.0)	1,499	(77.5)	456	(68.2)	1.00	
Non-Lebanese	1,098	(25.0)	729	(22.5)	369	(31.8)	1.60	(1.36-1.89)
Marital Status								
Single	731	(25.3)	577	(27.0)	154	(20.2)	1.00	
Married/ Engaged	2,113	(68.5)	1,518	(67.4)	595	(71.7)	1.41	(1.14-1.74)
Widowed/ Divorced	209	(6.2)	133	(5.6)	76	(8.1)	1.93	(1.36-2.74)
Urbanicity								
Rural	2,350	(79.2)	1,716	(79.1)	634	(79.2)	1.00	
Urban	667	(20.8)	484	(20.9)	183	(20.8)	0.99	(0.81-1.21)
Missing	36		28		8			
Job Sector								
Government-NGO	397	(14.5)	298	(14.7)	99	(13.8)	1.00	
Private business	1,540	(50.9)	1,173	(53.1)	367	(44.3)	0.89	(0.68-1.16)
Private household	125	(3.3)	89	(3.1)	36	(3.7)	1.28	(0.80-2.06)
Freelance	985	(31.3)	663	(29.0)	322	(38.2)	1.41	(1.07-1.84)
Missing	6		5		1			

Table S3. Characteristics of participants and their association with self-reported poor physical health

	Total		Good Physical Health		Poor Physical Health		Unadjusted OR	(95% CI)
	n=3,047	(100%)	n=673	(24.3%)	n=2,374	(75.7%)		
Age median (IQR)	38	(29-47)	35	(27-45)	38	(30-47)	1.01	(1.00-1.02)
Sex								
Male	1,872	(67.3)	510	(79.7)	1,362	(63.4)	1	
Female	1,175	(32.7)	163	(20.3)	1,012	(36.6)	2.27	(1.86-2.76)
Education								
No/ Primary Education	798	(24.2)	132	(17.5)	666	(26.4)	1	
Intermediate/Technical	1,365	(45.2)	300	(44.8)	1,065	(45.3)	0.67	(0.53-0.85)
College/ Post	884	(30.6)	241	(37.7)	643	(28.3)	0.49	(0.38-0.63)
Nationality								
Lebanese	1941	(74.8)	490	(81.0)	1,451	(72.6)	1	
Non-Lebanese	1106	(25.2)	183	(19.0)	923	(27.4)	1.68	(1.39-2.04)
Marital Status								
Single	727	(25.2)	233	(34.8)	494	(22.1)	1	
Married/ Engaged	2,112	(68.6)	411	(61.1)	1,701	(71.1)	1.83	(1.50-2.22)
Widowed/ Divorced	208	(6.2)	29	(4.1)	179	(6.8)	2.67	(1.69-4.06)
Urbanicity								
Rural	2,346	(79.1)	513	(78.1)	1,833	(79.4)	1	
Urban	668	(20.9)	153	(21.9)	515	(20.6)	0.92	(0.74-1.14)
Missing	33		7		26			
Job Sector								
Government-NGO	396	(14.6)	102	(17.1)	294	(13.8)	1	
Private business	1,538	(50.9)	382	(56.6)	1,156	(49.0)	1.07	(0.83-1.39)
Private household	124	(3.2)	12	(1.3)	112	(3.9)	3.6	(1.85-7.00)
Freelance	983	(31.3)	175	(25.0)	808	(33.3)	1.65	(1.24-2.20)
Missing	6		2		4			