

Table S1. Assessment of the association between physical aggression, bone lead and individual level confounders: Final model

Factors	Mean	p Value	95% CI	
Pb	0.1	0.352	-0.099	0.274
Age				
=23 years	ref			
=24 years	-1.4	0.218	-3.763	0.867
Sex				
Male	ref			
Female	-1.0	0.305	-2.922	0.924
Exposure to family violence				
Yes	2.7	0.012 **	0.606	4.750
No	ref			
Exposure to crime and violence				
Yes	-1.9	0.061*	-3.834	0.086
No	ref			

** $p < 0.05$ significant * $p \leq 0.08$ marginally significant.

Table S2. Assessment of the association between verbal aggression, bone lead and individual level confounders: Final model

Factors	Mean	p Value	95% CI	
Pb	0.1	0.189	-0.046	0.233
Age				
=23 years	ref			
=24 years	0.03	0.967	-1.665	1.735
Sex				
Male	ref			
Female	0.9	0.244	-0.588	2.290
Exposure to family violence				
Yes	1.4	0.069 *	-0.116	2.987
No	ref			
Attitude toward neighbourhood				
somewhat unsafe/very unsafe	-2.8	0.003 **	-4.603	-0.971
Somewhat safe/very safe	ref			

$p < 0.001$ highly significant; ** $p < 0.05$ significant; * $p \leq 0.08$ marginally significant

Table S3. Assessment of the association between hostility, bone lead and individual level confounders: Final model

Factors	Mean	P value	95% CI	
Pb	0.03	0.792	-0.196	0.256
Age				
=23 years	ref			
=24 years	-2.9	0.037 **	-5.675	-0.183
Sex				
Male	ref			
Female	0.6	0.638	-1.772	2.878

Exposure to family violence				
Yes	2.8	0.028 **	0.307	5.319
No	ref			
Attitude toward neighbourhood				
somewhat unsafe/very unsafe	-3.7	0.014 **	-6.646	-0.778
Somewhat safe/very safe	ref			

** $p < 0.05$ significant.

Table S4. Assessment of the association between total aggression score, bone lead and individual level confounders: Final model

Factors	Mean	<i>p</i> Value	95% CI	
Pb	0.4	0.108	-0.942	0.934
Age				
=23 years	ref			
=24 years	-5.3	0.103	-11.709	1.086
Sex				
Male	ref			
Female	1.3	0.624	-3.999	6.627
Exposure to family violence				
Yes	11.9	<0.001 ***	6.180	17.632
No	ref			
Attitude toward neighbourhood				
somewhat unsafe/very unsafe	-11.2	0.001 **	-17.979	-4.481
Somewhat safe/very safe	ref			

*** $p < 0.001$ highly significant; ** $p < 0.05$ - significant