

Table 2. Association of Blood Pressure Variability with Adverse Childhood Experiences

DBP Average Real Variability						
	Model01		Model 02		Model03	
	Estimate (95% CI)	p-value	Estimate (95% CI)	p-value	Estimate (95% CI)	p-value
ACEs Total	1.049 (1.004, 1.095)	0.0313	1.059 (1.007, 1.113)	0.0246	1.057 (1.002, 1.115)	0.0405
	Estimate (95% CI)	Trend test p-value	Estimate (95% CI)	Trend test p-value	Estimate (95% CI)	Trend test p-value
Low ACE	Reference	0.0129	Reference	0.013	Reference	0.004
Medium ACE	1.147 (0.853, 1.541)		1.122 (0.804, 1.566)		1.212 (0.854, 1.72)	
High ACE	1.382 (1.048, 1.823)		1.411 (1.036, 1.921)		1.548 (1.121, 2.138)	
DBP Coefficient of Variation						
	Estimate (95% CI)	p-value	Estimate (95% CI)	p-value	Estimate (95% CI)	p-value
ACEs Total	1.047 (1.003, 1.093)	0.0358	1.056 (1.005, 1.109)	0.03	1.058 (1.005, 1.114)	0.0322
	Estimate (95% CI)	Trend test p-value	Estimate (95% CI)	Trend test p-value	Estimate (95% CI)	Trend test p-value
Low ACE	Reference	0.0227	Reference	0.0208	Reference	0.0042
Medium ACE	1.1 (0.821, 1.474)		1.092 (0.785, 1.517)		1.164 (0.83, 1.633)	
High ACE	1.328 (1.009, 1.747)		1.363 (1.005, 1.85)		1.505 (1.102, 2.056)	
DBP Standard Deviation						
	Estimate (95% CI)	p-value	Estimate (95% CI)	p-value	Estimate (95% CI)	p-value
ACEs Total	1.048 (1.005, 1.093)	0.0291	1.058 (1.008, 1.11)	0.0226	1.061 (1.008, 1.116)	0.0232

	Estimate (95% CI)	Trend test <i>p</i>-value	Estimate (95% CI)	Trend test <i>p</i>-value	Estimate (95% CI)	Trend test <i>p</i>-value
Low ACE	Reference	0.0128	Reference	0.0116	Reference	0.0019
Medium ACE	1.157 (0.867, 1.544)		1.149 (0.832, 1.588)		1.229 (0.882, 1.714)	
High ACE	1.378 (1.051, 1.806)		1.417 (1.05, 1.912)		1.572 (1.157, 2.136)	
SBP Average Real Variability						
	Estimate (95% CI)	<i>p</i>-value	Estimate (95% CI)	<i>p</i>-value	Estimate (95% CI)	<i>p</i>-value
ACEs Total	1.006 (0.965, 1.048)	0.7756	1.019 (0.973, 1.067)	0.4199	1.009 (0.96, 1.061)	0.7138
	Estimate (95% CI)	Trend test <i>p</i>-value	Estimate (95% CI)	Trend test <i>p</i>-value	Estimate (95% CI)	Trend test <i>p</i>-value
Low ACE	Reference	0.4718	Reference	0.301	Reference	0.4148
Medium ACE	1.179 (0.892, 1.558)		1.17 (0.863, 1.586)		1.183 (0.85, 1.648)	
High ACE	1.137 (0.876, 1.477)		1.184 (0.893, 1.569)		1.169 (0.86, 1.587)	
SBP Coefficient of Variation						
	Estimate (95% CI)	<i>p</i>-value	Estimate (95% CI)	<i>p</i>-value	Estimate (95% CI)	<i>p</i>-value
ACEs Total	1.033 (0.992, 1.074)	0.1137	1.04 (0.995, 1.088)	0.0786	1.029 (0.981, 1.079)	0.2365
	Estimate (95% CI)	Trend test <i>p</i>-value	Estimate (95% CI)	Trend test <i>p</i>-value	Estimate (95% CI)	Trend test <i>p</i>-value
Low ACE	Reference	0.0785	Reference	0.0636	Reference	0.1218
Medium ACE	1.159 (0.885, 1.519)		1.093 (0.815, 1.466)		1.13 (0.827, 1.545)	
High ACE	1.256 (0.975, 1.618)		1.261 (0.96, 1.655)		1.245 (0.932, 1.662)	

SBP Standard Deviation						
	Estimate (95% CI)	p-value	Estimate (95% CI)	p-value	Estimate (95% CI)	p-value
ACEs Total	1.03 (0.991, 1.071)	0.1329	1.039 (0.995, 1.085)	0.0789	1.029 (0.982, 1.078)	0.2272
	Estimate (95% CI)	Trend test p-value	Estimate (95% CI)	Trend test p-value	Estimate (95% CI)	Trend test p-value
Low ACE	Reference	0.0693	Reference	0.0522	Reference	0.0969
Medium ACE	1.19 (0.913, 1.551)		1.107 (0.831, 1.473)		1.152 (0.848, 1.565)	
High ACE	1.27 (0.991, 1.627)		1.271 (0.975, 1.656)		1.265 (0.953, 1.679)	

Model 01: Unadjusted model

Model 02: Model01 adjusted for demographic age, gender, race, ethnicity, and education

Model 03: Model02 adjusted for health factors obesity, and sleep duration