

Table S3: Regression of conceptual framework predictors on the outcome of birth weight with the whole sample and stratified by childhood abuse history.

Step statistics	Factor	All, n=839		No Child Abuse, n=665		Child Abuse, n=174	
		Beta	P	Beta	p	Beta	p
1) R2=.000 Δ=.000 Step p=.888	<b>Trauma history</b>						
	<b>Child abuse prior to age 16</b>	-.005	.888				
2) R2=.021 Δ=.021 Step p<.001	<b>Cohort</b>			R2=.013 Δ=.013, p=.039		R2=.079 Δ=.079, p=.003	
	Child abuse prior to age 16	.051	.184				
	<b>PTSD-affected cohort</b>	<b>-.164</b>	<b>&lt;.001</b>	<b>-.114</b>	<b>.005</b>	<b>-.281</b>	<b>.002</b>
	<b>PTSD-recovered cohort</b>	-.071	.071	-.049	.241	-.130	.142
	<b>Non-trauma exposed cohort</b>	-.039	.320	-.044	.303	.103	.176
3) R2=.027 Δ=.006 Step p=.195	<b>Comorbidity and risk behaviours</b>			R2=.014 Δ=.002, p=.782		R2=.119 Δ=.040, p=.061	
	Child abuse prior to age 16	.055	.154				
	PTSD-affected cohort	<b>-.152</b>	<b>&lt;.001</b>	<b>-.107</b>	<b>.010</b>	<b>-.243</b>	<b>.010</b>
	PTSD-recovered cohort	-.056	.165	-.038	.393	-.106	.242
	Non-trauma exposed cohort	-.041	.301	-.045	.290	.100	.190
	<b>Major depression in the past year</b>	-.037	.318	-.032	.440	-.074	.341
	<b>Any tobacco, alcohol or drugs</b>	-.060	.086	-.024	.539	<b>-.170</b>	<b>.025</b>
	<b>Partner violence within the past year</b>	.029	.408	.009	.823	.081	.285
4) R2=.059 Δ=.032 Step p<.001*	<b>Non-modifiable medical and obstetric risk factors</b>			R2=.045 Δ=.031, p<.001**		R2=.155 Δ=.036, p=.031**	
	Child abuse prior to age 16	.043	.256				
	PTSD-affected cohort	<b>-.145</b>	<b>&lt;.001</b>	<b>-.106</b>	<b>.011</b>	<b>-.230</b>	<b>.014</b>
	PTSD-recovered cohort	-.061	.126	-.046	.294	-.096	.281
	Non-trauma exposed cohort	-.028	.477	-.033	.441	.092	.221
	Major depression in the past year	-.034	.343	-.028	.486	-.073	.341
	Any tobacco, alcohol or drugs	-.053	.123	-.022	.576	<b>-.148</b>	<b>.048</b>
	Partner violence within the past year	.035	.321	.011	.775	.095	.206
	<b>Preexisting chronic condition</b>	<b>.121</b>	<b>&lt;.001</b>	<b>.132</b>	<b>.001</b>	.067	.362
	<b>Antepartum complication</b>	<b>-.152</b>	<b>&lt;.001</b>	<b>-.144</b>	<b>&lt;.001</b>	<b>-.182</b>	<b>.013</b>
5) R2=.105 Δ=.046 Step p<.001**	<b>Modifiable health care related factors</b>			R2=.109 Δ=.064, p<.001**		R2=.163 Δ=.007, p=.493**	
	Child abuse prior to age 16	.033	.375				
	PTSD-affected cohort	<b>-.125</b>	<b>.002</b>	<b>-.088</b>	<b>.032</b>	<b>-.232</b>	<b>.015</b>
	PTSD-recovered cohort	-.062	.118	-.047	.274	-.107	.234
	Non-trauma exposed cohort	-.017	.660	-.016	.694	.091	.231
	Major depression in the past year	-.024	.499	-.011	.790	-.078	.308
	Any tobacco, alcohol or drugs	-.037	.275	-.002	.965	<b>-.151</b>	<b>.046</b>
	Partner violence within the past year	.043	.203	.014	.712	.107	.160
	Preexisting chronic condition	<b>.083</b>	<b>.016</b>	<b>.084</b>	<b>.030</b>	.051	.498
	Antepartum complication	<b>-.142</b>	<b>&lt;.001</b>	<b>-.131</b>	<b>.001</b>	<b>-.184</b>	<b>.012</b>
	<b>Adequate prenatal care</b>	<b>.218</b>	<b>&lt;.001</b>	<b>.257</b>	<b>&lt;.001</b>	.036	.638
	<b>Mental health care during pregnancy</b>	.032	.358	.033	.395	.077	.304
6) R2=.147 Δ=.042 Step p=.001**	<b>Chronic Stress</b>			R2=.053 Δ=.044, p<.001**		R2=.192 Δ=.029, p=.056**	
	Child abuse prior to age 16	.038	.300				
	PTSD-affected cohort	-.072	.074	-.050	.217	-.174	.075
	PTSD-recovered cohort	-.043	.266	-.028	.500	-.099	.267
	Non-trauma exposed cohort	-.002	.963	.000	.995	.095	.209
	Major depression in the past year	-.014	.694	-.002	.964	-.066	.388
	Any tobacco, alcohol or drugs	-.029	.376	.005	.884	<b>-.146</b>	<b>.050</b>
	Partner violence within the past year	.051	.129	.030	.414	.106	.163
	Preexisting chronic condition	.031	.373	.040	.303	-.011	.893
	Antepartum complication	<b>-.132</b>	<b>&lt;.001</b>	<b>-.125</b>	<b>.001</b>	<b>-.156</b>	<b>.035</b>
	Adequate prenatal care	<b>.153</b>	<b>&lt;.001</b>	<b>.182</b>	<b>&lt;.001</b>	.019	.797
	Mental health care during pregnancy	.011	.752	.021	.585	.039	.605
	<b>African American race</b>	<b>-.186</b>	<b>&lt;.001</b>	<b>-.166</b>	<b>&lt;.001</b>	<b>-.206</b>	<b>.021</b>
	<b>Poverty</b>	<b>-.084</b>	<b>.023</b>	<b>-.109</b>	<b>.008</b>	.003	.970

\*R2 = R squared; Δ = change in R squared

\*\*Model p <.001

