

**Table S4.** Regression of conceptual framework predictors on the outcome of gestational age 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=.001 Δ=.001 Step p=.355	<b>Trauma history</b>						
	<b>Child abuse prior to age 16</b>	.032	.355				
2) R2=.008 Δ=.007 Step p=.136	<b>Cohort</b>			R2=.002 Δ=.002, p=.682		R2=.046 Δ=.046, p=.047	
	Child abuse prior to age 16	.061	.116				
	<b>PTSD-affected cohort</b>	<b>-.092</b>	<b>.019</b>	-.050	.221	<b>-.255</b>	<b>.005</b>
	<b>PTSD-recovered cohort</b>	-.032	.411	-.011	.786	-.138	.126
	<b>Non-trauma exposed cohort</b>	-.024	.542	-.014	.738	-.039	.617
3) R2=.011 Δ=.003 Step p=.437 Model p<.001	<b>Comorbidity and risk behaviours</b>			R2=.004 Δ=.002, p=.718		R2=.070 Δ=.024, p=.226	
	Child abuse prior to age 16	.060	.124				
	PTSD-affected cohort	<b>-.111</b>	<b>.007</b>	-.061	.148	<b>-.298</b>	<b>.002</b>
	PTSD-recovered cohort	-.048	.242	-.027	.542	-.157	.091
	Non-trauma exposed cohort	-.024	.540	-.013	.760	-.045	.569
	<b>Major depression in the past year</b>	.037	.323	.042	.309	.023	.770
	<b>Any tobacco, alcohol or drugs</b>	.002	.952	.012	.764	-.032	.676
	<b>Partner violence within the past year</b>	.043	.227	.013	.751	.152	.053
4) R2=.054 Δ=.043 Step p<.001**	<b>Non-modifiable medical and obstetric risk factors</b>			R2=.045 Δ=.040, p<.001**		R2=.175 Δ=.105, p<.001**	
	Child abuse prior to age 16	.047	.214				
	PTSD-affected cohort	<b>-.110</b>	<b>.006</b>	-.063	.125	<b>-.312</b>	<b>.001</b>
	PTSD-recovered cohort	-.049	.223	-.032	.457	-.139	.115
	Non-trauma exposed cohort	-.013	.746	.000	.992	-.070	.346
	Major depression in the past year	.042	.249	.048	.236	.034	.653
	Any tobacco, alcohol or drugs	.006	.858	.012	.767	-.013	.859
	Partner violence within the past year	.046	.188	.013	.741	<b>.160</b>	<b>.033</b>
	<b>Preexisting chronic condition</b>	<b>.068</b>	<b>.049</b>	<b>.099</b>	<b>.012</b>	-.096	.187
	<b>Antepartum complication</b>	<b>-.207</b>	<b>&lt;.001</b>	<b>-.195</b>	<b>&lt;.001</b>	<b>-.311</b>	<b>&lt;.001</b>
5) R2=.114 Δ=.061 Step p<.001**	<b>Modifiable health care related factors</b>			R2=.125 Δ=.080, p<.001**		R2=.179 Δ=.005, p=.621**	
	Child abuse prior to age 16	.037	.319				
	PTSD-affected cohort	-.077	.054	-.034	.402	<b>-.300</b>	<b>.002</b>
	PTSD-recovered cohort	-.039	.319	-.026	.545	-.136	.127
	Non-trauma exposed cohort	.001	.978	.019	.631	-.078	.302
	Major depression in the past year	.057	.109	.070	.075	.037	.628
	Any tobacco, alcohol or drugs	.026	.449	.033	.378	-.006	.934
	Partner violence within the past year	.054	.110	.017	.655	<b>.165</b>	<b>.029</b>
	Preexisting chronic condition	.032	.354	.050	.190	-.102	.173
	Antepartum complication	<b>-.191</b>	<b>&lt;.001</b>	<b>-.176</b>	<b>&lt;.001</b>	<b>-.307</b>	<b>&lt;.001</b>
	<b>Adequate prenatal care</b>	<b>.254</b>	<b>&lt;.001</b>	<b>.292</b>	<b>&lt;.001</b>	.073	.332
	<b>Mental health care during pregnancy</b>	-.016	.639	-.002	.949	-.016	.831
6) R2=.122 Δ=.007 Step p=.032**	<b>Chronic stress</b>			R2=.133 Δ=.008, p=.050**		R2=.180 Δ=.000, p=.963**	
	Child abuse prior to age 16	.038	.303				
	PTSD-affected cohort	-.055	.179	-.017	.685	<b>-.296</b>	<b>.003</b>
	PTSD-recovered cohort	-.031	.428	-.017	.685	-.136	.131
	Non-trauma exposed cohort	.008	.841	.027	.508	-.077	.308
	Major depression in the past year	.061	.087	.073	.062	.037	.626
	Any tobacco, alcohol or drugs	.028	.404	.035	.344	-.006	.934
	Partner violence within the past year	.058	.088	.024	.529	<b>.167</b>	<b>.031</b>
	Preexisting chronic condition	.009	.791	.030	.444	-.107	.181
	Antepartum complication	<b>-.186</b>	<b>&lt;.001</b>	<b>-.173</b>	<b>&lt;.001</b>	<b>-.303</b>	<b>&lt;.001</b>
	Adequate prenatal care	<b>.226</b>	<b>&lt;.001</b>	<b>.258</b>	<b>&lt;.001</b>	.072	.345
	Mental health care during pregnancy	-.026	.459	-.009	.817	-.019	.802
	<b>African American race</b>	<b>-.089</b>	<b>.029</b>	-.087	.058	-.024	.788
	<b>Poverty</b>	-.019	.609	-.028	.505	.011	.891

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

\*\*Model