

# Path Analysis

Models Info	
Estimation Method	DWLS
Number of observations	121
Free parameters	15
Converged	TRUE
Loglikelihood unrestricted model	
Model	`Young Adult Relationship Violence` ~ `Late Adolescent EF Impairment` + `Childhood Maltreatment` + `prenatal cocaine exposure status` + Birthweight `Late Adolescent EF Impairment` ~ `Childhood Maltreatment` + `prenatal cocaine exposure status` + Birthweight `Childhood Maltreatment` ~ `prenatal cocaine exposure status` + Birthweight

*Note.* lavaan WARNING: some observed variances are (at least) a factor 1000 times larger than others; use varTable(fit) to investigate

## Overall Tests

Model Tests			
Label	X <sup>2</sup>	df	p
Baseline Model	19.7	9	0.020

Fit Indices				
SRMR	RMSEA	RMSEA 95% CI		RMSEA p
		Lower	Upper	
0.000	0.000	0.000	0.000	NaN

Fit Indices					
CFI	TLI	RNI	GFI	adj. GFI	pars. GFI
1.000	1.000	1.000	1.000	1.000	0.000

## Estimates

R-squared

Variable	R <sup>2</sup>	95% Confidence Intervals		Wald X <sup>2</sup>	df	p
		Lower	Upper			
Young Adult Relationship Violence	0.13080	0.038	0.257	18.699	4	< .001
Late Adolescent EF Impairment	0.02099	0.001	0.099	1.606	3	0.658
Childhood Maltreatment	0.00317	0.015	0.054	0.200	2	0.905

Parameter Estimates

Dep	Pred	Estimate	SE	95% Confidence Intervals		β	z	p
				Lower	Upper			
Young Adult Relationship Violence	Late Adolescent EF Impairment	0.3434	0.0885	0.1726	0.515	0.3434	3.880	< .001
Young Adult Relationship Violence	Childhood Maltreatment	0.0728	0.0898	-0.1089	0.232	0.0728	0.811	0.418
Young Adult Relationship Violence	prenatal cocaine exposure status	-0.0742	0.0996	-0.2707	0.128	-0.0637	-0.745	0.456
Young Adult Relationship Violence	Birthweight	-6.60e-5	1.67e-4	-4.00e-4	2.57e-4	-0.0417	-0.395	0.693
Late Adolescent EF Impairment	Childhood Maltreatment	0.1285	0.1100	-0.0690	0.361	0.1285	1.168	0.243
Late Adolescent EF Impairment	prenatal cocaine exposure status	0.0694	0.1268	-0.1795	0.319	0.0596	0.547	0.584
Late Adolescent EF Impairment	Birthweight	8.79e-5	1.64e-4	-2.13e-4	4.31e-4	0.0555	0.537	0.591
Childhood Maltreatment	prenatal cocaine exposure status	-0.0160	0.1044	-0.2316	0.190	-0.0137	-0.153	0.878
Childhood Maltreatment	Birthweight	7.89e-5	2.01e-4	-3.02e-4	4.70e-4	0.0498	0.393	0.694

Variances and Covariances

Variable 1	Variable 2	Estimate	SE	95% Confidence Intervals		β	z	p	Method	Type
				Lower	Upper					
Young Adult Relationship Violence	Young Adult Relationship Violence	0.869	0.1389	0.584	1.138	0.869	6.26	< .001	Estim	Residuals
Late Adolescent EF Impairment	Late Adolescent EF Impairment	0.979	0.0989	0.742	1.133	0.979	9.90	< .001	Estim	Residuals
Childhood Maltreatment	Childhood Maltreatment	0.997	0.2044	0.599	1.428	0.997	4.88	< .001	Estim	Residuals
prenatal cocaine exposure status	prenatal cocaine exposure status	0.737	0.0000	0.737	0.737	1.000			Sample	Variables
prenatal cocaine exposure status	Birthweight	-199.883	0.0000	-199.883	-199.883	-0.369			Sample	Variables
Birthweight	Birthweight	398296.863	0.0000	398296.863	398296.863	1.000			Sample	Variables

## Intercepts

Variable	Intercept	SE	95% Confidence Intervals		z	p
			Lower	Upper		
Young Adult Relationship Violence	0.289	0.561	-0.781	1.431	0.515	0.606
Late Adolescent EF Impairment	-0.347	0.568	-1.470	0.812	-0.611	0.541
Childhood Maltreatment	-0.211	0.610	-1.341	1.044	-0.346	0.729
prenatal cocaine exposure status	1.281	0.000	1.281	1.281		
Birthweight	2938.264	0.000	2938.264	2938.264		

## Defined Parameters

Label	Description	Parameter	Estimate	SE	95% Confidence Intervals		$\beta$	z	p
					Lower	Upper			
IE1	Childhood Maltreatment $\Rightarrow$ Late Adolescent EF Impairment $\Rightarrow$ Young Adult Relationship Violence	p5*p1	0.044	0.041	-0.022	0.136	0.044	1.089	0.276
IE2	prenatal cocaine exposure status $\Rightarrow$ Late Adolescent EF Impairment $\Rightarrow$ Young Adult Relationship Violence	p6*p1	0.024	0.046	-0.070	0.118	0.020	0.522	0.602
IE3	prenatal cocaine exposure status $\Rightarrow$ Childhood Maltreatment $\Rightarrow$ Young Adult Relationship Violence	p8*p2	-0.001	0.012	-0.027	0.025	-0.001	-0.101	0.920
IE4	prenatal cocaine exposure status $\Rightarrow$ Childhood Maltreatment $\Rightarrow$ Late Adolescent EF Impairment $\Rightarrow$ Young Adult Relationship Violence	p8*p5*p1	-0.001	0.006	-0.017	0.010	-0.001	-0.112	0.911
IE5	Birthweight $\Rightarrow$ Late Adolescent EF Impairment $\Rightarrow$ Young Adult Relationship Violence	p7*p1	0.000	0.000	-0.000	0.000	0.019	0.521	0.602
IE6	Birthweight $\Rightarrow$ Childhood Maltreatment $\Rightarrow$ Young Adult Relationship Violence	p9*p2	0.000	0.000	-0.000	0.000	0.004	0.231	0.817
IE7	Birthweight $\Rightarrow$ Childhood Maltreatment $\Rightarrow$ Late Adolescent EF Impairment $\Rightarrow$ Young Adult Relationship Violence	p9*p5*p1	0.000	0.000	-0.000	0.000	0.002	0.268	0.789