

Addition to “Do coping strategies mediate the effects of childhood adversities and traumata on clinical high-risk of psychosis, depression, and social phobia? A cross-sectional study on patients of an early detection service” by Chang et al.

Additional file 1: Comparison of the original and metric path model of the total sample (N=736). Comparison of the standardized path coefficients, their 95% confidence intervals and their significance level, and of the explained variance (R^2) of the mediators and outcomes of the path models with dichotomized and continuous scores of the Beck Depression Inventory (BDI) and Social Phobia and Anxiety Inventory (SPAI).

	Original path model			Metric path model		
χ^2	28.605 (df=15; p=0.018)			80.923 (df=15; p<0.001)		
CFI	0.990			0.961		
RMSEA	0.035 (90%CI=0.014-0.054)			0.077 (90%CI=0.061-0.094)		
SRMR	0.029			0.045		
	Standard ized Beta	Lower bound of 95%-CI	Upper bound of 95%-CI	Standard ized Beta	Lower bound of 95%-CI	Upper bound of 95%-CI
Adaptive coping ~	$R^2=0.009$			$R^2=0.009$		
Emotional abuse	-0.113*	-0.201	-0.024	-0.118**	-0.206	-0.030
Emotional neglect	-0.233***	-0.333	-0.133	-0.228***	-0.329	-0.128
Sexual abuse	0.005	-0.082	0.093	0.006	-0.081	0.094
Physical abuse	0.029	-0.063	0.120	0.027	-0.065	0.118
Physical neglect	0.161**	0.061	0.262	0.158**	0.058	0.258
Maladaptive coping ~	$R^2=0.114$			$R^2=0.115$		
Emotional abuse	0.320***	0.238	0.402	0.329***	0.248	0.410
Emotional neglect	0.084	-0.014	0.181	0.079	-0.018	0.175
Sexual abuse	0.037	-0.047	0.120	0.038	-0.045	0.121
Physical abuse	-0.075	-0.162	0.012	-0.076	-0.162	0.011
Physical neglect	-0.053	-0.149	0.043	-0.048	-0.143	0.048
Clinical high-risk ~	$R^2=0.004$			$R^2=0.006$		
Adaptive coping	0.039	-0.040	0.119	0.046	-0.033	0.125
Maladaptive coping	0.102*	0.024	0.179	0.101*	0.023	0.178
Social phobia ~	$R^2=0.256$			$R^2=0.381$		
Adaptive coping	-0.101*	-0.181	-0.021	-0.120**	-0.192	-0.049
Maladaptive coping	0.483***	0.417	0.550	0.587***	0.531	0.643
Depression ~	$R^2=0.311$			$R^2=0.387$		
Adaptive coping	-0.168***	-0.239	-0.097	-0.239***	-0.301	-0.176
Maladaptive coping	0.452***	0.388	0.517	0.554***	0.500	0.608
Adaptive coping ~						
Maladaptive coping	-0.161***	-0.236	-0.086	-0.163***	-0.237	-0.088
Clinical high-risk ~						
Social phobia	0.050	-0.040	0.141	0.011	-0.080	0.102
Depression	0.004	-0.077	0.086	0.018	-0.064	0.100
Social phobia ~						
Depression	0.120*	0.029	0.210	0.192***	0.101	0.284
Emotional abuse ~						
Emotional neglect	0.432***	0.373	0.491	0.432***	0.373	0.491
Physical abuse	0.386***	0.324	0.447	0.386***	0.324	0.447
Physical neglect	0.376***	0.314	0.438	0.376***	0.314	0.438
Sexual abuse	0.264***	0.197	0.331	0.264***	0.197	0.331

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	Standard ized Beta	Lower bound of 95%-CI	Upper bound of 95%-CI	Standard ized Beta	Lower bound of 95%-CI	Upper bound of 95%-CI
Emotional neglect ~						
Physical abuse	0.159***	0.089	0.230	0.159***	0.089	0.230
Physical neglect	0.643***	0.601	0.685	0.643***	0.601	0.685
Sexual abuse	0.178***	0.108	0.248	0.178***	0.108	0.248
Physical abuse ~						
Physical neglect	0.268***	0.201	0.335	0.268***	0.201	0.335
Sexual abuse ~						
Physical abuse	0.522***	0.470	0.575	0.522***	0.470	0.575
Physical neglect	0.256***	0.189	0.324	0.256***	0.189	0.324

* $p \leq 0.05$; ** $p \leq 0.01$; *** $p \leq 0.001$

~ predicted by; ~~ correlated with

χ^2 =Chi-Square; df=degrees of freedom; CFI= Comparative Fit Index; RMSEA= Root Mean Square Error of Approximation; SRMR=Standardized Root Mean Square Residual; CI=Confidence Intervall; R^2 =Explained variance