		Wave One	Wave Two	Wave Three	P(>$\|\chi\|$)
Sex					0.930
	Female	65 (53.60%)	62 (54.50%)	60 (54.0%)	
	Male	57 (46.40%)	54 (45.5%)	48 (46.0%)	
Race					0.918
	White	65 (54.60%)	62 (55.40%)	61 (58.10%)	
	Black	37 (31.10%)	35 (31.20%)	29 (27.60%)	
	Hispanic	8 (6.70%)	5 (4.50%)	4 (3.80%)	
	Other	9 (7.60%)	10 (8.90%)	11 (10.05%)	
Age					<0.001
	Mean (SD)	12.68 (0.76)	14.32 (0.82)	15.84 (0.80)	
	Range	11.11 - 14.00	12.41 - 16.12	13.87 - 18.01	
BMI					0.004
	Mean (SD)	21.01 (4.73)	22.00 (5.04)	23.14 (5.15)	
	Range	14.40 - 45.46	15.35 - 47.90	15.59 - 46.17	
Composite IQ					0.380
	Mean (SD)	110.66 (14.25)	108.03 (15.26)	109.02 (13.13)	
	Range	75.00 - 139.00	72.00 - 136.00	84.00 - 138.00	
DUSI-VP					<0.001
	Mean (SD)	2.79 (2.05)	3.53 (2.50)	4.23 (2.76)	
	Range	0.00 - 9.00	0.00 - 10.00	0.00 - 11.00	
BIS					0.395
	Mean (SD)	20.12 (3.30)	20.34 (3.67)	20.78 (3.92)	
	Range	12.00 - 28.00	13.00 - 27.00	10.00 - 28.00	
BAS-D					0.012
	Mean (SD)	9.83 (2.55)	10.18 (2.42)	10.81 (2.37)	
	Range	4.00 - 16.00	5.00 - 16.00	5.00 - 16.00	
BAS-FS					0.509
	Mean (SD)	11.50 (2.39)	11.23 (2.25)	11.16 (2.29)	
	Range	4.00 - 16.00	5.00 - 16.00	6.00 - 16.00	
BAS-RR					0.849
	Mean (SD)	17.68 (1.67)	17.61 (1.82)	17.54 (1.97)	
	Range	14.00 - 20.00	12.00 - 20.00	13.00 - 20.00	

Table 1: Demographic, risk, and neuropyschological indicators assessed across development. χ^2 test revealed significant effect of Age, BMI, DUSI-VP and BAS-D across waves. A total of 23 unique participants were excluded from summary statistics at any wave due to high DUSI-LIE

Inhibitory Control Latent Factor	Estimate	Std. Error	Z-value	P(>‖z‖)
CPT Target Discrimination (d')	0.650	0.090	7.189	<0.001
CPT Response Bias (β)	-0.503	0.124	-4.059	<0.001
CPT Hit RT Standard Deviation	-0.913	0.115	-7.910	<0.001
CPT False Alarm RT Standard Deviation	-0.371	0.085	-4.367	<0.001
Behavioral Inhibition System (BIS)	0.193	0.058	3.335	0.001

Table 2: Normalized estimates for latent factors estimated with structural equation modeling of inhibitory control using continuous performance task metrics and the behavioral inhibition system scale. CFI=1.00, TLI=1.018, RMSEA=0.001, p=0.910

Reward/Risk Latent Factor	Estimate	Std. Error	Z-value	P(>‖z‖)
WOF Percent High Risk Choices	0.703	0.087	8.106	<0.001
WOF High Risk Mean Reaction Time	0.158	0.060	2.648	0.008
WOF Low Risk Mean Reaction Time	0.433	0.073	5.971	<0.001
WOF Cumulative Winnings	-0.899	0.076	-11.817	<0.001
Temporal Discounting	-0.127	0.064	-1.974	0.048

Table 3: Normalized estimates for latent factors estimated with confirmatory factor analysis summarizing reward/risk taking in the Wheel of Fortune Gambling and Temporal Delay Discounting tasks. CFI=1.00, TLI=1.00, RMSEA=0.005, p=0.846

Negative Emotions Latent Factor	Estimate	Std. Error	Z-value	P(>‖z‖)
EFR Accuracy	0.164	0.088	1.869	0.062
EFR Mean Reaction Time	-0.451	0.128	-3.536	<0.001
EFR Standard Deviation of Reaction Time	-0.302	0.085	-3.541	<0.001
Positive Emotions Latent Factor				
EFR Accuracy	0.173	0.088	2.245	0.092
EFR Mean Reaction Time	0.310	0.132	2.702	0.048
EFR Standard Deviation of Reaction Time	0.235	0.093	2.818	0.042

Table 4: Normalized estimates for latent factors estimated with confirmatory factor analysis summarizing emotional face recognition task performance for positive and negative emotions. CFI=0.978, TLI=0.942, RMSEA=0.073, p=0.115

Path Model Regression		Estimate	Std.Err	Z-value	P(>|z|)
DUSI-VP					
	Sex	-0.495	0.267	-1.856	0.063
	SES	-0.369	0.145	-2.538	0.011
(direct)	CMI	-0.597	0.133	-4.480	<0.001
(indirect)	BAS-D	0.122	0.056	2.164	0.030
BAS-D					
(indirect)	CMI	-0.376	0.132	-2.843	0.004
CMI					
	Sex	-0.496	0.137	-3.634	<0.001
	PDS	-0.402	0.082	-5.088	<0.001
Mediation Parameters					
	Total	-0.449	0.132	-3.392	0.001
	Direct	-0.376	0.132	-2.843	0.004
	Indirect	-0.073	0.034	-2.142	0.032

Table 5: Mediation model of risk for violent outcomes in emerging adulthood. Regression path estimates appear for the best fit model. Estimation of total, direct and indirect paths from CMI through BAS-D to effect DUSI-VP show significant total mediation. CFI=1.00, TLI=1.08, RMSEA=<0.001, p=0.912