CORRECTION

Correction to: Testing Three New Scoring Methods to Identify Detained Adolescent Girls with Elevated Levels of Callous-Unemotional Traits

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Correction to: Research on Child and Adolescent Psychopathology
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The original version of this article contained some minor mistakes in layout and typesetting, which have been corrected in this erratum.

- In the '**Data-Analyses**' section, in the reference 3 footnote the word 'closely' should be removed so the sentence will be:

  "[3] This cutoff closely resembles the ROC derived cutoff score of 28 for the ICU youth self-report version recommended by Docherty et al., (2017)."
- In the '**Group Differences: Personality Traits and Internalizing Problems**' section, in the '**Total sample**' the word '(YPI)' in the last sentence should be removed so the sentence will be:

  "Table 3 also demonstrates that both scoring methods identified a group of detained girls with the highest level of CU traits as measured by the Youth Psychopathic traits Inventory."
- The layout-out, title, and/or notes to Tables 1, 2, 3, 4 and 5 should also be slightly corrected. The following are corrected tables.

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Table 1 Group Comparisons for Indices of Past Antisocial Behavior and Substance Use Disorders Using Normative, Empirical, and DSM-5 LPE Scoring Methods in the Total Sample of Detained Girls (N = 192)

	Normative Scoring Method				Empirical Scoring Method				DSM-5 LPE Scoring Method			
	Low CU (n=122)	High CU (n=70)	Group Difference Tests		Low CU (n=104)	High CU (n=88)	Group Difference Tests		Low CU (n=93)	High CU (n=99)	Group Difference Tests	
Past Antisocial behavior (cont.)	M (SD)	M (SD)	t	d	M (SD)	M (SD)	t	d	M (SD)	M (SD)	t	d
YSR rule-breaking [a]	12.44 (5.30)	15.88 (5.76)	4.08***	0.63	12.28 (5.29)	15.33 (5.75)	3.73***	0.56	11.93 (4.97)	15.30 (5.87)	4.18***	0.62
YSR aggression [a]	10.71 (6.35)	15.83 (6.27)	5.26***	0.81	10.37 (6.17)	15.18 (6.54)	5.09***	0.76	10.06 (5.61)	14.91 (6.94)	5.21***	0.77
SRD total offenses	8.39 (7.33)	15.01 (10.65)	4.61***	0.76	8.28 (6.90)	13.80 (10.68)	4.16***	0.62	8.01 (6.43)	13.43 (10.63)	4.31***	0.61
SRD violent offenses	1.06 (1.37)	2.10 (1.87)	4.08***	0.66	1.08 (1.33)	1.08 (1.86)	3.30**	0.49	1.09 (1.39)	1.77 (1.80)	2.94**	0.42
Number total charges [b]	0.81 (1.33)	1.14 (1.75)	1.30	0.21	0.81 (1.39)	1.07 (1.62)	1.16	0.18	0.76 (1.36)	1.09 (1.61)	1.43	0.22
Number violent charges [b]	0.43 (0.86)	0.81 (1.48)	1.84	0.29	0.41 (0.89)	0.75 (1.35)	1.96	0.30	0.37 (0.84)	0.74 (1.33)	2.23*	0.34
Past Antisocial behavior (dich.)	N (%)	N (%)	$\chi 2$	d	N (%)	N (%)	$\chi 2$	d	N (%)	N (%)	$\chi 2$	d
SRD weapon carrying	30 (24.6)	36 (51.4)	14.20***	0.56	25 (24.0)	41 (46.6)	10.75**	0.48	22 (23.7)	44 (44.4)	9.19**	0.45
DISC ODD [c]	34 (27.9)	37 (52.9)	11.92***	0.51	25 (24.0)	46 (52.3)	16.31***	0.61	22 (23.7)	49 (49.5)	13.74***	0.55
DISC CD	62 (50.8)	57 (81.4)	17.68***	0.64	53 (51.0)	66 (75.0)	11.69***	0.51	47 (50.5)	72 (72.7)	10.02**	0.46
DISC childhood-onset CD	16 (13.1)	25 (35.7)	13.53***	0.55	11 (10.6)	30 (34.1)	15.69***	0.60	13 (14.0)	28 (28.3)	5.84*	0.35
DISC physically cruel (lifetime)	59 (48.8)	49 (70.0)	8.14**	0.42	50 (48.5)	58 (65.9)	5.82*	0.39	47 (51.1)	61 (61.6)	2.15	0.21
DISC bullied (lifetime)	74 (61.2)	60 (85.7)	12.77***	0.53	63 (61.2)	71 (80.7)	8.63**	0.43	62 (67.4)	72 (72.7)	0.65	0.12
Substance use disorders (dich.)	N (%)	N (%)	$\chi 2$	d	N (%)	N (%)	$\chi 2$	d	N (%)	N (%)	$\chi 2$	d
DISC alcohol use disorder	50 (41.0)	44 (62.9)	8.52**	0.45	43 (41.3)	51 (58.0)	5.26*	0.33	43 (46.2)	51 (51.5)	0.53	0.11
DISC marijuana use disorder	64 (52.5)	47 (67.1)	3.93*	0.30	54 (51.9)	57 (64.8)	3.23	0.26	51 (54.8)	60 (60.6)	0.65	0.12
DISC other drug use disorder	47 (38.5)	39 (55.7)	5.32*	0.35	41 (39.4)	45 (51.1)	2.64	0.24	38 (40.9)	48 (48.5)	1.13	0.16

Note. LPE = with Limited Prosocial Emotions specifier; CU = Callous-Unemotional traits; cont. = continuous; YSR = Youth Self-Report; SRD = Self-Report Delinquency; dich. = dichotomous; DISC = Diagnostic Interview Schedule for Children; ODD = oppositional defiant disorder; d = Cohen's d

[a] YSR data were available for 183 girls (Normative method: Low = 117, High = 66; Empirical method: Low = 99, High = 84; DSM-5 LPE method: Low = 89, High = 94)

[b] Arrest data were available for 175 girls (Normative method: Low = 113, High = 62; ; Empirical method: Low = 95, High = 80; DSM-5 LPE method: Low = 85, High = 90)

[c] Sixty-one (85.9%) of the 71 girls who met criteria for ODD also met criteria for CD

* $p < .05$; ** $p < .01$; *** $p < .001$

Table 2 Group Comparisons for Indices of Past Antisocial Behavior and Substance Use Disorders Using Normative, Empirical, and DSM-5 LPE Scoring Methods in the Detained Girls with Conduct Disorder (N=119)

	Normative Scoring Method				Empirical Scoring Method				DSM-5 LPE Scoring Method			
	Low CU (n=62)	High CU (n=57)	Group Difference Tests		Low CU (n=53)	High CU (n=66)	Group Difference Tests		Low CU (n=47)	High CU (n=72)	Group Difference Tests	
Past Antisocial behavior (cont.)	M (SD)	M (SD)	t	d	M (SD)	M (SD)	t	d	M (SD)	M (SD)	t	d
YSR rule-breaking [a]	15.23 (4.82)	17.18 (5.18)	2.06*	0.39	15.06 (4.59)	17.03 (5.29)	2.06*	0.39	14.48 (4.93)	17.22 (4.90)	2.85**	0.56
YSR aggression [a]	13.46 (6.45)	17.22 (5.45)	3.31**	0.63	12.73 (6.35)	17.24 (5.47)	4.01***	0.77	12.57 (5.72)	16.94 (5.72)	3.78***	0.74
SRD total offenses	12.50 (7.75)	17.39 (10.15)	2.96**	0.54	12.19 (7.12)	16.97 (10.25)	2.99**	0.53	11.83 (6.58)	16.80 (10.24)	3.23**	0.55
SRD violent offenses	1.61 (1.56)	2.46 (1.81)	2.72**	0.50	1.58 (1.50)	2.36 (1.84)	2.55**	0.46	1.70 (1.60)	2.22 (1.79)	1.65	0.30
Number total charges [b]	0.86 (1.53)	1.24 (1.87)	1.16	0.22	0.98 (1.61)	1.08 (1.77)	0.32	0.06	0.84 (1.58)	1.17 (1.76)	1.00	0.20
Number violent charges [b]	0.37 (0.78)	0.90 (1.58)	2.14*	0.41	0.40 (0.81)	0.80 (1.49)	1.76	0.34	0.33 (0.74)	0.81 (1.47)	2.24*	0.44
Past Antisocial behavior (dich.)	N (%)	N (%)	χ^2	d	N (%)	N (%)	χ^2	d	N (%)	N (%)	χ^2	d
SRD weapon carrying	23 (37.1)	34 (59.4)	6.05*	0.46	20 (37.7)	37 (56.1)	3.96*	0.37	20 (42.6)	37 (51.4)	0.89	0.17
DISC ODD	28 (45.2)	33 (57.9)	1.93	0.26	20 (37.7)	41 (61.1)	7.00**	0.50	17 (36.2)	44 (61.1)	7.08**	0.50
DISC childhood-onset CD	16 (25.8)	25 (43.9)	4.29*	0.39	11 (20.8)	30 (45.4)	7.94**	0.53	13 (27.7)	28 (38.9)	1.59	0.23
DISC physically cruel (lifetime)	39 (62.9)	41 (71.9)	1.10	0.19	32 (60.4)	48 (72.7)	2.04	0.26	31 (66.0)	49 (68.1)	0.06	0.04
DISC bullied (lifetime)	48 (77.4)	49 (86.0)	1.44	0.22	42 (79.2)	55 (83.3)	0.33	0.10	38 (80.9)	59 (81.9)	0.02	0.02
Substance use disorders (dich.)	N (%)	N (%)	χ^2	d	N (%)	N (%)	χ^2	d	N (%)	N (%)	χ^2	d
DISC alcohol use disorder	36 (58.1)	38 (66.7)	0.94	0.19	30 (56.6)	44 (66.7)	1.27	0.21	29 (61.7)	45 (62.5)	0.01	0.02
DISC marijuana use disorder	42 (67.7)	44 (77.2)	1.32	0.21	35 (66.0)	51 (77.3)	1.85	0.25	32 (68.1)	54 (75.0)	0.68	0.15
DISC other drug use disorder	30 (48.4)	34 (59.6)	1.51	0.23	24 (45.3)	40 (60.6)	2.78	0.31	23 (48.9)	41 (56.9)	0.73	0.16

Note. LPE=with Limited Prosocial Emotions specifier; CU=Callous-Unemotional traits; cont. = continuous; YSR=Youth Self-Report; SRD=Self-Report Delinquency; dich. = dichotomous; DISC=Diagnostic Interview Schedule for Children; ODD=oppositional defiant disorder; d=Cohen's d

[a] YSR data were available for 111 girls with CD (Normative method: Low CU=57, High CU=54; Empirical method: Low CU=48, High CU=63; DSM-5 LPE method: Low CU=42, High=69).

[b] Arrest data were available for 109 girls with CD (Normative method: Low=59, High=50; Empirical method: Low CU=49, High CU=59; DSM-5 LPE method: Low CU=45, High=64)

$* p < .05; ** p < .01; *** p < .001$

Table 3 Group Difference Tests with Regard to Psychopathic Traits, Big Five Personality Traits, Internalizing Problems, and Future Antisocial Behavior Using Normative, Empirical, and DSM-5 LPE Scoring Methods in the Total Sample of Detained Girls (N=192)

	Normative Scoring Method				Empirical Scoring Method				DSM-5 LPE Scoring Method			
	Low CU (n=122)	High CU (n=70)	Group Difference Tests		Low CU (n=104)	High CU (n=88)	Group Difference Tests		Low CU (n=93)	High CU (n=99)	Group Difference Tests	
Personality Traits (cont.)	M (SD)	M (SD)	t	d	M (SD)	M (SD)	t	d	M (SD)	M (SD)	t	d
YPI grandiose-deceitful	29.30 (8.29)	34.78 (11.35)	3.54***	0.53	28.94 (8.01)	34.09 (11.07)	3.63***	0.53	28.58 (7.97)	33.86 (10.77)	3.88***	0.56
YPI callous-unemotional	26.30 (5.80)	34.17 (8.49)	6.89***	1.03	25.78 (5.77)	33.18 (8.14)	7.15***	1.04	25.55 (5.35)	32.57 (8.33)	7.00***	1.01
YPI impulsive-irresponsibility	36.53 (9.00)	43.64 (8.58)	5.35***	0.80	36.47 (9.01)	42.26 (9.09)	4.42***	0.64	36.28 (8.70)	41.80 (9.44)	4.21***	0.61
QBF agreeableness	33.26 (4.83)	29.06 (5.60)	5.44***	0.82	33.88 (4.41)	29.18 (5.60)	6.35***	0.92	32.79 (4.66)	30.74 (6.04)	2.63**	0.38
QBF conscientiousness	26.88 (8.61)	23.48 (8.90)	2.57*	0.39	27.63 (8.64)	23.30 (8.54)	3.44***	0.50	27.16 (7.99)	24.24 (9.40)	2.29*	0.33
QBF emotional stability	20.12 (7.02)	22.74 (7.44)	2.42*	0.36	19.45 (6.65)	23.00 (7.53)	3.46***	0.50	20.34 (6.55)	21.75 (7.86)	1.34	0.19
Internalizing Problems (dich.)	N (%)	N (%)	χ2/t	d	N (%)	N (%)	χ2/t	d	N (%)	N (%)	χ2/t	d
DISC anxiety disorder	51 (41.8)	20 (28.6)	3.34	0.27	45 (43.3)	26 (29.5)	3.85	0.29	35 (37.6)	36 (36.4)	0.03	0.02
DISC affective disorder	56 (45.9)	26 (37.1)	1.39	0.17	48 (46.2)	34 (38.6)	1.10	0.15	43 (46.2)	39 (39.4)	0.92	0.14
YSR anxiety/depressed [M(SD)][a]	10.55 (5.74)	8.09 (6.13)	2.71**	0.42	10.90 (5.81)	8.22 (5.76)	3.08**	0.46	10.15 (5.42)	9.23 (6.45)	1.03	0.15
Future Official Charges[b]	M (SD)	M (SD)	t/χ2	d	M (SD)	M (SD)	t/χ2	d	M (SD)	M (SD)	t/χ2	d
Number total charges	0.72 (1.52)	1.53 (2.06)	2.73**	0.43	0.69 (1.38)	1.37 (2.09)	2.49*	0.38	0.61 (1.08)	1.38 (2.17)	2.97**	0.45
Number violent charges	0.42 (1.18)	1.00 (1.70)	2.65**	0.42	0.38 (1.06)	0.92 (1.70)	2.41*	0.37	0.36 (0.87)	0.88 (1.75)	2.47*	0.37
Any charge [N(%)]	37 (32.7)	36 (58.1)	10.56**	0.51	32 (33.7)	41 (51.1)	5.51*	0.36	29 (34.1)	44 (48.9)	3.92*	0.30
Two or more charges [N(%)]	19 (16.8)	24 (38.7)	10.36***	0.50	16 (16.8)	27 (33.8)	6.70*	0.40	14 (16.5)	29 (32.2)	5.85*	0.37
Any violent charge [N(%)]	24 (21.2)	25 (40.3)	7.23**	0.42	21 (22.1)	28 (35.0)	3.58	0.29	20 (23.5)	29 (32.2)	1.64	0.19

Note. LPE = with Limited Prosocial Emotions specifier; CU = Callous-Unemotional traits; cont. = continuous; YSR = Youth Self-Report; YPI = Youth Psychopathic Traits Inventory; QBF = Quick Big Five; dich. = dichotomous; DISC = Diagnostic Interview Schedule for Children; d = Cohen's d

[a] YSR data were available for 183 girls (for details see Table 1)

[b] Arrest charge data were available for 175 girls (for details see Table 1)

* $p < .05$; ** $p < .01$; *** $p < .001$

Table 4 Group Difference Tests with Regard to Psychopathic Traits, Big Five Personality Traits, Internalizing Problems, and Future Antisocial Behavior Using Normative, Empirical and DSM-5 LPE Scoring Methods in the Total Sample of Detained Girls with CD (N=119)

	Normative Scoring Method				Empirical Scoring Method				DSM-5 LPE Scoring Method			
	Low CU (n=62)	High CU (n=57)	Group Difference Tests		Low CU (n=53)	High CU (n=66)	Group Difference Tests		Low CU (n=47)	High CU (n=72)	Group Difference Tests	
Personality Traits (cont.)	M (SD)	M (SD)	t	d	M (SD)	M (SD)	t	d	M (SD)	M (SD)	t	d
YPI grandiose-deceitful	32.34 (8.97)	36.17 (11.43)	2.04*	0.37	31.98 (9.06)	35.94 (11.05)	2.10*	0.39	30.00 (8.77)	36.90 (10.46)	3.74***	0.70
YPI callous-unemotional	27.40 (6.17)	35.12 (8.77)	6.51***	1.20	27.24 (6.57)	34.20 (8.54)	4.88***	0.90	26.15 (5.48)	34.33 (8.49)	6.39**	1.20
YPI impulsive-irresponsibility	40.32 (8.90)	44.84 (8.39)	2.84**	0.52	40.47 (8.88)	44.11 (8.68)	2.25*	0.41	38.91 (8.90)	44.82 (9.19)	3.72***	0.70
QBF agreeableness	33.05 (5.01)	29.55 (5.24)	3.70***	0.68	33.58 (4.74)	29.60 (5.25)	4.28***	0.79	32.00 (4.75)	30.98 (5.77)	1.00	0.19
QBF conscientiousness	25.29 (8.94)	24.00 (8.60)	0.79	0.15	25.45 (9.29)	24.05 (8.33)	0.86	0.16	25.21 (7.86)	24.32 (9.37)	0.53	0.10
QBF emotional Stability	19.71 (7.24)	22.51 (7.31)	2.10*	0.39	19.54 (7.09)	22.26 (7.43)	2.01*	0.38	20.00 (6.48)	21.73 (7.88)	1.25	0.23
Internalizing Problems (dich.)	N (%)	N (%)	χ2/t	d	N (%)	N (%)	χ2/t	d	N (%)	N (%)	χ2/t	d
DISC anxiety disorder	29 (46.8)	17 (29.8)	3.60	0.35	26 (49.1)	20 (30.3)	4.36*	0.39	19 (40.4)	27 (37.5)	0.10	0.06
DISC affective disorder	34 (54.8)	21 (36.8)	3.87*	0.37	29 (54.7)	26 (39.4)	2.78	0.31	25 (53.2)	30 (41.7)	1.52	0.23
YSR anxiety/depressed [M(SD)][a]	10.75 (6.12)	7.89 (6.10)	2.45*	0.47	11.06 (6.50)	8.06 (5.77)	2.55*	0.49	10.42 (6.16)	8.72 (6.26)	1.40	0.27
Future Official Charges[b]	M (SD)	M (SD)	t/χ2	d	M (SD)	M (SD)	t/χ2	d	M (SD)	M (SD)	t/χ2	d
Number total charges	0.96 (1.64)	1.58 (1.95)	1.78	0.34	1.06 (1.75)	1.41 (1.85)	0.44	0.09	0.91 (1.29)	1.48 (2.07)	1.88	0.37
Number violent charges	0.51 (1.30)	1.10 (1.80)	1.93	0.37	0.56 (1.39)	0.97 (1.70)	0.09	0.02	0.51 (1.10)	0.97 (1.82)	1.51	0.29
Any charge [N(%)]	25 (43.1)	30 (60.0)	3.07	0.34	22 (44.9)	33 (55.9)	1.30	0.22	21 (47.7)	34 (53.1)	0.30	0.10
Two or more charges [N(%)]	14 (24.1)	22 (44.0)	4.78*	0.43	13 (26.5)	23 (39.0)	1.87	0.26	11 (25.0)	25 (39.1)	2.32	0.29
Any violent charge [N(%)]	14 (24.1)	21 (42.0)	3.91*	0.38	13 (26.5)	22 (37.3)	1.41	0.23	13 (29.5)	22 (34.4)	0.28	0.10

Note. LPE=with Limited Prosocial Emotions specifier; CU=Callous-Unemotional traits; cont. = continuous; YSR=Youth Self-Report; YPI=Youth Psychopathic Traits Inventory; QBF=Quick Big Five; dich. = dichotomous; DISC=Diagnostic Interview Schedule for Children; d=Cohen's d

[a] YSR data were available for 111 girls with CD (for details see Table 2)

[b] Arrest charge data were available for 109 girls with CD (for details see Table 2)

* $p < .05$; ** $p < .01$; *** $p < .001$

Table 5 High Levels of Callous-Unemotional Traits as Predictor of Future Antisocial Behavior Independent of Conduct Disorder, Number of Total Conduct Disorder Symptoms, or Number of Aggressive Conduct Disorder Symptoms (N = 175)

	Any Total Charge	Two or More Total Charges	Any Violent Charge
Predictors: **High CU and CD Diagnosis**	OR (95%CI)	OR (95%CI)	OR (95%CI)
Normative scoring method			
CD diagnosis	**2.28** (1.15; 4.53)	**3.41** (1.38; 8.43)	1.44 (0.68; 3.01)
High CU traits	**2.31** (1.19; 4.97)	**2.38** (1.13; 4.99)	**2.27** (1.19; 4.60)†
Empirical scoring method			
CD diagnosis	**2.52** (1.29; 4.94)	**3.72** (1.52; 9.09)	1.61 (0.77; 3.35)
High CU traits	1.74 (0.92; 3.28)	2.03 (0.97; 4.24)	1.72 (0.87; 3.42)
DSM-5 LPE scoring method			
CD diagnosis	**2.60** (1.33; 5.08)	**3.82** (1.57; 9.30)	1.70 (0.82; 3.51)
High CU traits	1.58 (0.84; 2.97)	2.00 (0.95; 4.32)	1.41 (0.71; 2.78)
Predictors: **High CU and Total CD Symptoms**	OR (95%CI)	OR (95%CI)	OR (95%CI)
Normative scoring method			
# CD symptoms (total)	1.05 (0.99; 1.12)	**1.08** (1.01; 1.16)	1.02 (0.96; 1.08)
High CU traits	**2.25** (1.13; 4.49)†	**2.20** (1.01; 4.76)†	**2.30** (1.10; 4.81)†
Empirical scoring method			
# CD symptoms (total)	**1.07** (1.01; 1.13)	**1.09** (1.02; 1.16)	1.03 (0.97; 1.10)
High CU traits	1.64 (0.86; 3.14)	1.82 (0.85; 3.90)	1.68 (0.83; 3.42)
DSM-5 LPE scoring method			
# CD symptoms (total)	**1.07** (1.01; 1.13)	**1.09** (1.03; 1.16)	1.04 (0.98; 1.10)
High CU traits	1.50 (0.79; 2.84)	1.82 (0.85; 3.91)	1.36 (0.68; 2.74)
Predictors: **High CU and Aggressive CD Symptoms**	OR (95%CI)	OR (95%CI)	OR (95%CI)
Normative scoring method			
# CD symptoms (aggression)	1.07 (0.94; 1.20)	1.11 (0.97; 1.28)	0.99 (0.87; 1.14)
High CU traits	**2.52** (1.28; 4.97)	**2.56** (1.21; 5.44)	**2.54** (1.22; 5.29)†
Empirical scoring method			
# CD symptoms (aggression)	1.09 (0.97; 1.23)	1.13 (0.99; 1.29)	1.02 (0.89; 1.16)
High CU traits	1.80 (0.94; 3.42)	2.06 (0.98; 4.33)	1.84 (0.91; 3.72)
DSM-5 LPE scoring method			
# CD symptoms (aggression)	1.10 (0.98; 1.24)	**1.14** (1.01; 1.30)	1.04 (0.91; 1.18)
High CU traits	1.63 (0.87; 3.06)	2.04 (0.97; 4.31)	1.47 (0.74; 2.94)

Note. CD = conduct disorder; CU = callous-unemotional; LPE = Limited Prosocial Emotions; OR = odds ratio; CI = confidence interval; # = Number of; Significant associations are bolded; † = no longer significant after controlling for age of the girls at baseline (details available upon request).

The original article has been corrected.