SUPPLEMENTARY MATERIAL. Personality Disorders in the ICD-11: Spanish Validation of the PiCD and the SASPD in a Mixed Community and Clinical Sample

Table S1. Means (SD) and Sex Differences of the PiCD and the SASPD in the Community Sample (n = 2,522).

	Men (n = 1,028)		Women (n = 1,494)		Student's t		
	Mean	(SD)	Mean	(SD)	t	p	Cohen's d
Negative Affectivity	30.22	(7.66)	33.09	(8.16)	-8.89	<.001	.36
Detachment	27.06	(7.72)	24.72	(7.26)	7.76	<.001	-.31
Dissociality	23.79	(7.54)	20.40	(6.00)	12.54	<.001	-.51
Disinhibition	24.99	(7.72)	23.57	(7.26)	4.67	<.001	-.19
Anankastia	38.65	(7.35)	40.07	(7.06)	-4.83	<.001	.20
SASPD	5.57	(3.31)	5.81	(3.10)	-1.86	.064	.08

Table S2. PiCD Differences Between Our Study and the Literature in the Community and Clinical Samples.

	Community samples						Clinical samples					
	Mean Other Studies (n=1,940)	Our study (n=2,522)	Diff	Student's *t* t	Student's *t* p	Cohen's *d*	Mean Other Studies (n=946)	Our study (n=797)	Diff	Student's *t* t	Student's *t* p	Cohen's *d*
Negative Affectivity	35.9 (8.7)	31.9 (8.1)	-4.0	-15.7	<.001	-.476	39.2 (9.1)	42.3 (8.4)	3.1	7.4	<.001	.354
Detachment	28.8 (8.6)	25.7 (7.5)	-3.1	-12.6	<.001	-.385	33.6 (9.6)	29.4 (8.8)	-4.2	-9.5	<.001	-.457
Dissociality	24.4 (7.2)	21.8 (6.9)	-2.6	-12.2	<.001	-.369	27.3 (9.0)	23.8 (7.5)	-3.5	-8.9	<.001	-.424
Disinhibition	25.4 (7.6)	24.2 (7.5)	-1.2	-5.3	<.001	-.159	30.1 (9.7)	27.8 (8.5)	-2.3	-5.3	<.001	-.253
Anankastia	38.8 (7.0)	39.5 (7.2)	0.7	3.3	.001	.099	38.9 (8.5)	40.1 (7.2)	1.2	3.2	.001	.153

Note. Community samples in the literature are Carnovale, Sellbom, & Bagby (2020), McCabe & Widiger (2020) and Somma et al. (2020); clinical samples in the literature are Bach et al. (2020) and Oltmanns & Widiger (2018; 2019; 2020).

Table S3. PiCD Differences Between the Community and Clinical Samples in Our Study and in the Literature.

	Our Study						Mean Other Studies					
	Community (n=2,522)	Clinical (n=797)	Diff	Student's *t* t	Student's *t* p	Cohen's *d*	Community (n=1,940)	Clinical (n=946)	Diff	Student's *t* t	Student's *t* p	Cohen's *d*
Negative Affectivity	31.9 (8.1)	42.3 (8.4)	10.4	30.7	<.001	1.261	35.9 (8.7)	39.2 (9.1)	3.3	9.3	<.001	.371
Detachment	25.7 (7.5)	29.4 (8.8)	3.7	10.7	<.001	.454	28.8 (8.6)	33.6 (9.6)	4.8	13.0	<.001	.527
Dissociality	21.8 (6.9)	23.8 (7.5)	2.0	6.7	<.001	.278	24.4 (7.2)	27.3 (9.0)	2.9	8.7	<.001	.358
Disinhibition	24.2 (7.5)	27.8 (8.5)	3.6	10.7	<.001	.450	25.4 (7.6)	30.1 (9.7)	4.7	13.1	<.001	.543
Anankastia	39.5 (7.2)	40.1 (7.2)	0.6	2.1	.041	.083	38.8 (7.0)	38.9 (8.5)	0.1	.3	.754	.013

Note. Community samples in the literature are Carnovale, Sellbom, & Bagby (2020), McCabe & Widiger (2020) and Somma et al. (2020); clinical samples in the literature are Bach et al. (2020) and Oltmanns & Widiger (2018; 2019; 2020).

Table S4. Item's Descriptives in the Community and Clinical Sample for the PiCD and the SASPD.

	Community Sample				Clinical Sample			
Items[a]	Mean (SD)	$r_{i\text{-}s}$[b]	Skewness	Kurtosis	Mean (SD)	$r_{i\text{-}s}$[b]	Skewness	Kurtosis
	PiCD (n=2518-2522)				***PiCD (n=786-796)***			
picd1_na	2.70 (1.23)	.51	.18	-1.08	3.79 (1.10)	.51	-.75	-.21
picd2_dn	2.53 (1.11)	.53	.33	-.84	3.30 (1.22)	.50	-.24	-.95
picd3_dt	2.07 (1.02)	.58	.77	-.05	2.79 (1.27)	.58	.13	-1.00
picd4_ds	1.66 (1.07)	.41	1.61	1.60	2.13 (1.37)	.47	.82	-.76
picd5_ak	3.09 (1.09)	.43	-.17	-.70	3.26 (1.20)	.40	-.23	-.82
picd6_na	3.47 (1.05)	.38	-.50	-.40	3.86 (1.09)	.43	-.83	.03
picd7_dn	1.80 (.99)	.51	1.29	1.11	2.00 (1.20)	.54	1.08	.14
picd8_dt	2.49 (1.25)	.52	.35	-1.04	2.61 (1.39)	.45	.36	-1.16
picd9_ds	1.44 (.81)	.49	2.13	4.54	1.41 (.84)	.36	2.32	5.30
picd10_ak	2.96 (1.16)	.31	.04	-.86	3.00 (1.21)	.32	-.01	-.87
picd11_na	2.84 (1.25)	.60	.14	-1.07	3.74 (1.23)	.59	-.71	-.55
picd12_dn	2.33 (1.19)	.52	.59	-.69	2.47 (1.27)	.51	.49	-.85
picd13_dt	2.48 (1.13)	.61	.40	-.66	2.74 (1.20)	.62	.20	-.83
picd14_ds	2.39 (1.07)	.47	.33	-.75	2.51 (1.12)	.43	.27	-.71
picd15_ak	3.44 (1.02)	.60	-.48	-.37	3.22 (1.17)	.49	-.23	-.80
picd16_na	2.81 (1.20)	.65	.14	-.99	3.85 (1.15)	.62	-.88	-.06
picd17_dn	2.30 (1.05)	.59	.64	-.34	2.98 (1.27)	.55	.09	-1.07
picd18_dt	1.66 (.96)	.43	1.55	1.87	2.14 (1.28)	.40	.90	-.37
picd19_ds	2.40 (1.16)	.43	.45	-.72	2.60 (1.25)	.36	.29	-.92
picd20_ak	2.84 (1.22)	.36	.07	-.99	3.18 (1.28)	.35	-.23	-1.01
picd21_na	2.54 (1.11)	.56	.44	-.64	3.61 (1.13)	.60	-.61	-.44
picd22_dn	1.62 (.96)	.30	1.63	2.08	1.77 (1.15)	.29	1.44	1.00
picd23_dt	2.76 (1.10)	.10	.04	-.91	2.48 (1.20)	.11	.45	-.80
picd24_ds	1.32 (.79)	.38	2.87	8.08	1.28 (.81)	.27	3.35	11.04
picd25_ak	3.21 (1.06)	.50	-.22	-.67	3.24 (1.12)	.46	-.36	-.60
picd26_na	1.95 (.99)	.09	1.09	.83	2.29 (1.29)	.10	.74	-.59
picd27_dn	2.31 (1.22)	.61	.57	-.82	2.63 (1.33)	.53	.31	-1.11
picd28_dt	2.65 (1.27)	.51	.23	-1.10	2.81 (1.34)	.47	.09	-1.20
picd29_ds	2.41 (1.11)	.32	.42	-.65	2.77 (1.26)	.32	.16	-1.00
picd30_ak	2.71 (1.14)	.38	.22	-.87	2.47 (1.18)	.27	.54	-.56
picd31_na	2.75 (1.19)	.42	.05	-1.02	3.34 (1.19)	.40	-.44	-.68
picd32_dn	2.07 (1.02)	.52	.88	.25	2.39 (1.21)	.46	.51	-.69
picd33_dt	2.00 (1.05)	.65	.87	-.09	2.32 (1.23)	.62	.58	-.68
picd34_ds	2.12 (1.13)	.49	.73	-.39	2.20 (1.23)	.47	.71	-.59
picd35_ak	3.44 (1.09)	.44	-.51	-.44	3.63 (1.17)	.43	-.69	-.32
picd36_na	3.97 (.99)	.26	-1.03	.79	4.44 (.83)	.32	-1.78	3.57
picd37_dn	1.49 (.91)	.38	2.08	3.90	1.57 (1.06)	.45	1.90	2.64
picd38_dt	1.80 (.96)	.42	1.19	.84	2.50 (1.27)	.48	.46	-.83
picd39_ds	1.47 (.91)	.41	2.26	4.74	1.69 (1.17)	.35	1.67	1.62
picd40_ak	2.97 (1.11)	.37	-.08	-.73	3.25 (1.19)	.24	-.28	-.75
picd41_na	2.31 (1.18)	.69	.67	-.48	3.53 (1.27)	.63	-.48	-.85
picd42_dn	1.98 (1.06)	.48	1.01	.27	2.12 (1.21)	.44	.90	-.23

picd43_dt	2.41	(1.19)	.61	.47	-.78	2.58	(1.27)	.64	.30	-1.01
picd44_ds	1.58	(.88)	.61	1.59	2.09	1.83	(1.07)	.58	1.17	.55
picd45_ak	3.28	(1.09)	.56	-.41	-.60	3.48	(1.20)	.47	-.54	-.62
picd46_na	2.25	(1.20)	.59	.68	-.61	3.30	(1.34)	.54	-.34	-1.10
picd47_dn	2.22	(1.08)	.62	.69	-.33	2.78	(1.31)	.60	.27	-1.10
picd48_dt	1.66	(.97)	.37	1.56	1.82	2.07	(1.27)	.42	.95	-.28
picd49_ds	1.95	(1.08)	.56	.94	-.02	2.14	(1.21)	.58	.78	-.45
picd50_ak	4.33	(.85)	.28	-1.67	3.54	4.29	(.86)	.33	-1.32	1.81
picd51_na	1.99	(1.01)	.49	.94	.31	3.20	(1.25)	.49	-.17	-1.00
picd52_dn	1.56	(.94)	.40	1.80	2.66	1.84	(1.23)	.42	1.35	.61
picd53_dt	1.90	(1.03)	.41	1.02	.26	2.09	(1.31)	.42	.96	-.33
picd54_ds	1.36	(.79)	.50	2.58	6.63	1.38	(.87)	.48	2.60	6.38
picd55_ak	3.55	(1.02)	.60	-.58	-.19	3.56	(1.09)	.54	-.56	-.29
picd56_na	2.36	(1.15)	.64	.55	-.57	3.45	(1.26)	.66	-.41	-.86
picd57_dn	1.96	(.94)	.49	1.01	.72	2.12	(1.09)	.50	.94	.21
picd58_dt	1.82	(.90)	.57	1.11	1.03	2.39	(1.17)	.53	.54	-.54
picd59_ds	1.71	(1.03)	.64	1.46	1.31	1.91	(1.24)	.57	1.20	.22
picd60_ak	3.67	(1.06)	.48	-.68	.03	3.68	(1.10)	.37	-.66	-.14
		SASPD (n=2520-2521)					***PiCD (n=768-774)***			
saspd1_dt	.39	(.59)	.42	1.43	1.92	.74	(.77)	.47	.94	.70
saspd2_ds	.86	(.78)	.37	.40	-.85	1.18	(.89)	.52	.05	-1.07
saspd3_dt	.50	(.78)	.36	1.30	.40	.97	(1.00)	.47	.39	-1.31
saspd4_na	.47	(.78)	.41	1.79	2.72	.90	(1.05)	.51	.89	-.47
saspd5_dn	.78	(.73)	.27	1.00	1.46	1.21	(1.00)	.50	.59	-.66
saspd6_na	1.19	(.88)	.28	.19	-.79	1.93	(.89)	.35	-.43	-.61
saspd7_ak	.97	(.53)	.24	.32	1.87	1.12	(.63)	.23	.81	1.68
saspd8_ds	.18	(.56)	.30	3.64	13.84	.23	(.68)	.21	3.22	9.51
saspd9_na	.38	(.58)	.23	1.38	1.68	.51	(.77)	.33	1.38	1.02

[a] na = negative affectivity, dt = detachment, ds = dissociality, dn = disinhibition, ak = anankastia.
[b] $r_{i\text{-}s}$ = correlation item-scale. $r_{i\text{-}s}$ below .20 are highlighted in green, whereas skewness and kurtosis above ±1 are highlighted in yellow and above ±2 in orange.

Table S5. Confirmatory Factor Analyses of the Published Factor Structures Based on DWLS Estimation in the Whole (n = 3,319), Community (n = 2,522), and Clinical (n = 797) Samples[a].

	$\chi^2(df)$	CFI	TLI	RMSEA	SRMR
PiCD					
Whole sample					
5 factors – Original	51,605.6 (1700)	.829	.822	.097	.095
5 factors – Empirical	49,664.3 (1261)	.794	.783	.111	.107
4 factors – Empirical	58,889.8 (1424)	.772	.763	.113	.110
Community sample					
5 factors – Original	41,190.9 (1700)	.815	.807	.097	.095
5 factors – Empirical	39,618.7 (1261)	.775	.763	.111	.107
4 factors – Empirical	46,626.7 (1424)	.753	.742	.113	.110
Clinical Sample					
5 factors – Original	12,150.2 (1700)	.821	.813	.095	.098
5 factors – Empirical	10,433.5 (1261)	.803	.793	.103	.105
4 factors – Empirical	12,111.1 (1424)	.788	.779	.104	.107
SASPD					
SASPD 1 factor (Whole sample)	1,207.8 (27)	.881	.841	.118	.092
SASPD 1 factor (Community sample)	1,191.2 (27)	.821	.761	.132	.103
SASPD 1 factor (Clinical sample)	187.6 (27)	.928	.904	.096	.080

[a] $\chi^2(df)$ = Chi-square (degrees of freedom), SRMR = Standardised Root Mean Square Residual, RMSEA = Root Mean Square Error of Approximation, CFI = Comparative Fit Index, TLI = Tucker–Lewis Index. Acceptable fit indices are in bold type.

Table S6. One-, Two-, and Three-Factor Solutions of the PiCD in the Whole Sample (n = 3,319).

	1 Factor	2 Factors		3 Factors		
Items[a]	F1.1[b]	F2.1	F2.2	F3.1	F3.2	F3.3
picd15_ak	**-.30**	.22	**-.61**	.07	-.05	**-.70**
picd35_ak	-.01	**.36**	**-.37**	-.08	**.32**	**-.36**
picd5_ak	-.07	**.33**	**-.42**	-.07	.26	**-.42**
picd55_ak	**-.31**	.29	**-.69**	-.11	.14	**-.69**
picd20_ak	.10	**.39**	-.27	.03	**.31**	**-.31**
picd45_ak	-.02	**.47**	**-.49**	.06	.29	**-.56**
picd12_dn	**.42**	.04	**.51**	.28	.03	**.38**
picd7_dn	**.51**	.09	**.57**	**.38**	.03	**.39**
picd27_dn	**.53**	.13	**.54**	**.30**	.14	**.41**
picd60_ak	-.27	.21	**-.53**	-.06	.07	**-.54**
picd47_dn	**.64**	.24	**.58**	.12	**.42**	**.56**
picd25_ak	-.14	**.30**	**-.48**	.04	.12	**-.54**
picd32_dn	**.51**	.11	**.55**	.11	.26	**.52**
picd57_dn	**.50**	.18	**.47**	**.36**	.10	.29
picd50_ak	-.17	.13	**-.34**	-.27	.22	-.23
picd30_ak	-.29	.06	**-.43**	.15	-.22	**-.55**
picd2_dn	**.59**	.25	**.51**	-.02	**.51**	**.55**
picd42_dn	**.49**	.14	**.49**	**.41**	.03	**.30**
picd40_ak	.11	**.39**	-.24	.08	.28	**-.30**
picd52_dn	**.54**	.16	**.53**	**.38**	.10	**.35**
picd59_ds	**.56**	.18	**.53**	**.47**	.05	**.31**
picd44_ds	**.54**	.23	**.46**	**.46**	.08	.24
picd54_ds	**.48**	.11	**.51**	**.66**	-.19	.21
picd14_ds	**.30**	.09	.29	.24	.02	.18
picd49_ds	**.50**	.20	**.44**	**.40**	.09	.25
picd19_ds	**.35**	.25	.20	.29	.13	.05
picd34_ds	**.38**	.13	**.36**	**.39**	-.02	.17
picd9_ds	**.51**	.18	**.47**	**.58**	-.06	.19
picd39_ds	**.50**	.22	**.42**	**.58**	-.04	.14
picd24_ds	**.41**	.16	**.35**	**.60**	-.14	.06
picd4_ds	**.56**	.28	**.44**	.28	.27	**.30**
picd29_ds	**.43**	.25	**.30**	.25	.21	.18
picd37_dn	**.50**	.14	**.50**	**.39**	.05	**.32**
picd22_dn	**.48**	.25	**.36**	**.46**	.08	.14
picd43_dt	.29	**.46**	-.08	**.50**	.11	**-.38**
picd13_dt	**.30**	**.50**	-.10	**.47**	.16	**-.37**
picd33_dt	**.50**	**.54**	.12	**.65**	.16	-.24
picd28_dt	.21	**.44**	-.17	**.35**	.16	**-.38**
picd58_dt	**.53**	**.60**	.09	**.52**	**.31**	-.20
picd3_dt	**.54**	**.58**	.13	**.54**	.29	-.17
picd8_dt	**.38**	**.33**	.16	**.60**	-.03	-.16
picd38_dt	**.48**	**.48**	.14	**.47**	.23	-.12
picd53_dt	**.37**	.25	.23	**.61**	-.10	-.08
picd18_dt	**.52**	**.41**	.26	**.55**	.14	-.03

picd48_dt	**.45**	**.31**	.26	**.54**	.04	-.02
picd10_ak	-.08	.25	**-.35**	.05	.10	**-.41**
picd26_na	.26	.21	.12	.27	.08	-.02
picd41_na	**.62**	**.68**	.13	.08	**.77**	.07
picd16_na	**.47**	**.72**	-.09	.00	**.78**	-.13
picd56_na	**.62**	**.65**	.16	.08	**.74**	.11
picd1_na	**.48**	**.53**	.10	-.07	**.69**	.12
picd11_na	**.58**	**.59**	.17	.05	**.70**	.13
picd46_na	**.50**	**.64**	.02	.05	**.69**	-.03
picd21_na	**.48**	**.68**	-.04	.07	**.70**	-.11
picd36_na	.02	**.31**	-.28	**-.45**	**.60**	-.09
picd51_na	**.59**	**.62**	.15	.20	**.61**	.03
picd31_na	**.36**	**.44**	.02	-.04	**.54**	.03
picd17_dn	**.62**	.25	**.55**	.05	**.46**	**.55**
picd6_na	**.31**	**.54**	-.13	.02	**.54**	-.17
picd23_dt	-.16	-.10	-.10	.22	**-.33**	-.21
McDonald's ω	***.93***	***.90***	***.90***	***.88***	***.88***	***.80***
$\Phi_{whole\text{-}comm}$ [c]	***.99***	*.90*	***.99***	***.99***	***.99***	***1.00***
$\Phi_{whole\text{-}clin}$	***.99***	***.97***	***.99***	*.92*	***.95***	***.98***
$\Phi_{comm\text{-}clin}$	***.98***	*.93*	***.98***	*.91*	*.93*	***.96***

[a] na = negative affectivity, dt = detachment, ds = dissociality, dn = disinhibition, ak = anankastia, Items are sorted following the four-factor solution in Table 3.
[b] Loadings $\lambda \geq |.30|$, McDonald's Omega coefficients $\omega \geq .70$, and Tucker's coefficients $\Phi \geq .95$ are in bold type.
[c] comm = community sample, clin = clinical sample.

Table S7. Correlations of the PICD One- to Five-Factor Solutions With Each Other and With the Five Original Domains for the Whole Sample (n = 3,319)[a,b].

	Negative Affectivity	Detachment	Dissociality	Disinhibition	Anankastia	F1.1	F2.1	F2.2	F3.1	F3.2	F3.3	F4.1	F4.2	F4.3	F4.4	F5.1	F5.2	F5.3	F5.4	F5.5
Negative Aff.	—																			
Detachment	.31**	—																		
Dissociality	.25**	.27**	—																	
Disinhibition	.43**	.28**	.47**	—																
Anankastia	.15**	.14**	-.09**	-.45**	—															
F1.1	**.72****	**.57****	**.70****	**.80****	-.17**	—														
F2.1	**.85****	**.69****	.28**	.31**	.40**	**.71****	—													
F2.2	.28**	.21**	**.67****	**.89****	**-.66****	**.77****	.14**	—												
F3.1	.35**	**.80****	**.68****	**.64****	-.10**	**.83****	**.58****	**.65****	—											
F3.2	**.96****	.30**	.32**	**.51****	.12**	**.76****	**.83****	.36**	.37**	—										
F3.3	.13**	-.11**	.39**	**.79****	**-.83****	**.52****	-.16**	**.90****	.31**	.21**	—									
F4.1	.12**	.07**	.28**	**.82****	**-.85****	**.53****	-.09**	**.88****	.40**	.19**	**.94****	—								
F4.2	.25**	.34**	**.95****	.46**	.01	**.70****	.35**	**.61****	**.71****	.34**	.32**	.20**	—							
F4.3	.33**	**.97****	.22**	.22**	.25**	**.53****	**.71****	.11**	**.76****	.30**	-.22**	-.02	.29**	—						
F4.4	**.93****	.23**	.31**	**.61****	-.07**	**.78****	**.74****	.49**	.36**	**.97****	.38**	.36**	.30**	.22**	—					
F5.1	.18**	-.05**	.30**	**.67****	**-.82****	.47**	-.07**	**.80****	.23**	.31**	**.89****	**.86****	.25**	-.18**	.46**	—				
F5.2	.19**	.21**	**.96****	**.54****	-.18**	**.68****	.19**	**.72****	**.67****	.26**	.49**	.35**	**.95****	.15**	.27**	.35**	—			
F5.3	.36**	**.99****	.28**	.31**	.12**	**.61****	**.72****	.23**	**.82****	.36**	-.09**	.09**	.35**	**.98****	.29**	-.03	.22**	—		
F5.4	**.96****	.25**	.30**	**.56****	.01	**.77****	**.78****	.42**	.36**	**.98****	.31**	.29**	.29**	.25**	**.99****	.37**	.25**	.31**	—	
F5.5	-.04*	.13**	.06**	**.65****	**-.63****	.31**	-.15**	**.62****	.38**	-.08**	**.65****	**.78****	-.02	.10**	.07**	.39**	.15**	.14**	.03*	—

[a] * $p < .05$, ** $p < .01$.

[b] Correlation coefficients above |.50| are in bold type. Blue areas are the intercorrelations between the original domains or between factors. Yellow areas are the correlations between a given level of the factorial hierarchy and that immediately below. Orange areas are the correlations between factors and the original domains.

Table S8. Six- and Seven-Factor Solutions of the PiCD in the Whole Sample (n = 3,319).

	6 Factors						7 Factors						
Items[a]	F6.1[b]	F6.2	F6.3	F6.4	F6.5	F6.6	F7.1	F7.2	F7.3	F7.4	F7.5	F7.6	F7.7
picd15_ak	.11	.10	.20	-.17	.06	**-.67**	**-.62**	.22	.09	.08	-.05	.22	.03
picd35_ak	.18	.19	.06	**-.62**	.02	-.03	.07	**.61**	.11	.10	-.28	.10	.01
picd5_ak	.13	.16	.09	**-.54**	.04	-.12	-.12	.24	.14	.03	**-.43**	.08	.21
picd55_ak	-.17	.15	**.31**	-.25	.05	**-.39**	**-.33**	.25	-.18	.09	-.11	**.34**	.07
picd20_ak	.28	.22	-.03	**-.56**	.10	-.08	-.02	**.47**	.23	.14	-.30	-.02	.12
picd45_ak	.11	**.38**	.20	-.15	.08	**-.48**	**-.44**	.28	.06	.09	.01	.21	.29
picd12_dn	.09	.17	.00	**.68**	.02	.00	.04	-.01	-.00	.06	**.76**	.03	-.03
picd7_dn	.19	.09	.00	**.55**	.08	.09	.10	-.13	.16	.08	**.53**	.00	.03
picd27_dn	.18	.26	-.02	**.61**	.01	.03	.08	.09	.07	.06	**.76**	.00	.04
picd60_ak	-.05	.13	**.31**	-.14	-.05	**-.40**	**-.36**	.16	-.06	-.03	-.04	**.31**	.09
picd47_dn	.04	.17	.05	.10	.02	**.69**	**.70**	.04	.01	.03	.17	.05	.13
picd25_ak	-.10	.08	**.58**	-.04	-.04	-.25	-.22	.09	-.09	-.03	.02	**.59**	.07
picd32_dn	.04	.01	.10	.07	-.03	**.68**	**.69**	-.00	.03	-.02	.11	.10	-.01
picd57_dn	.13	.11	.13	**.49**	.09	.13	.14	-.10	.10	.09	**.47**	.13	.05
picd50_ak	.04	.23	-.00	**-.36**	-.17	-.13	-.00	**.64**	-.08	-.05	.01	.05	-.07
picd30_ak	-.02	-.10	.29	.08	.08	**-.52**	**-.52**	-.11	.02	.06	.00	.29	-.04
picd2_dn	.05	.24	-.03	-.08	-.04	**.74**	**.75**	.13	.02	-.03	.02	-.04	.20
picd42_dn	.30	.10	.06	**.46**	.05	.01	.03	-.07	.26	.05	**.46**	.05	.04
picd40_ak	.00	.19	**.55**	-.01	-.09	-.03	-.03	.04	.01	-.10	.02	**.54**	.22
picd52_dn	**.37**	.12	-.10	.25	.09	.11	.11	-.02	**.34**	.08	.27	-.11	.09
picd59_ds	**.77**	.07	-.11	.04	-.04	-.01	.00	.10	**.74**	-.05	.12	-.12	.07
picd44_ds	**.75**	.10	-.05	.02	-.05	-.03	-.04	.06	**.73**	-.08	.06	-.07	.14
picd54_ds	**.66**	-.27	.10	.07	.12	.10	.07	-.13	**.70**	.07	.01	.07	-.14
picd14_ds	**.64**	.04	-.04	-.11	-.18	-.04	-.01	.24	**.59**	-.16	.04	-.04	-.02
picd49_ds	**.66**	.08	-.03	.01	-.05	.03	.02	.07	**.64**	-.08	.06	-.05	.11
picd19_ds	**.53**	.02	.01	-.29	.02	.09	.16	**.37**	**.48**	.07	-.05	.02	-.09
picd34_ds	**.59**	-.04	-.05	-.06	.01	.01	.02	.12	**.57**	.01	.03	-.06	-.04
picd9_ds	**.58**	-.11	.04	.09	.14	.05	.04	-.06	**.60**	.10	.08	.02	-.04
picd39_ds	**.55**	-.13	.17	.07	.11	.10	.05	-.18	**.60**	.04	-.03	.13	.04
picd24_ds	**.52**	-.19	.18	.11	.14	.00	-.02	-.14	**.56**	.09	.04	.16	-.07
picd4_ds	**.44**	.18	-.03	-.02	.00	.23	.21	.05	**.42**	-.03	.02	-.05	.22
picd29_ds	**.34**	.18	-.00	.06	.02	.08	.08	.08	**.30**	.01	.13	-.01	.16
picd37_dn	**.44**	.16	-.04	**.39**	-.01	-.07	-.09	-.12	**.41**	-.04	**.34**	-.07	.17
picd22_dn	**.36**	.10	-.03	.21	.20	-.04	-.06	-.12	**.37**	.16	.15	-.06	.16
picd43_dt	-.11	-.01	-.02	-.01	**.79**	-.09	-.05	.04	-.09	**.80**	.05	.00	-.04
picd13_dt	-.13	.05	-.04	.00	**.79**	-.09	-.05	.05	-.12	**.80**	.06	-.03	.01
picd33_dt	.14	.00	.02	-.03	**.72**	.02	.03	-.01	.17	**.69**	.01	.02	.05
picd28_dt	-.20	.11	-.08	.02	**.72**	-.15	-.10	.10	-.21	**.75**	.11	-.06	.02
picd58_dt	.04	.17	.06	.06	**.63**	.04	.02	-.10	.08	**.57**	.03	.05	.26
picd3_dt	.10	.12	-.03	-.06	**.66**	.10	.07	-.09	.14	**.60**	-.09	-.05	.23
picd8_dt	.23	-.17	.05	-.05	**.53**	.04	.06	.00	.26	**.51**	-.02	.06	-.13
picd38_dt	.07	.08	.26	.12	**.39**	.12	.05	-.28	.15	**.30**	-.03	.22	.28
picd53_dt	.24	-.28	.24	.02	**.39**	.15	.14	-.15	**.31**	**.35**	-.04	.23	-.16
picd18_dt	.22	-.00	.10	.06	**.43**	.12	.09	-.14	.27	**.37**	.00	.08	.12

picd48_dt	.26	-.08	-.01	-.01	**.44**	.10	.08	-.10	**.30**	**.39**	-.04	-.02	.02
picd10_ak	-.18	.08	**.41**	.06	.06	-.18	-.18	-.06	-.14	.04	.02	.40	.13
picd26_na	.05	-.04	.20	.06	.17	.14	.12	-.13	.09	.13	-.00	.19	.05
picd41_na	.04	**.70**	.05	.10	.13	.13	.05	-.08	.03	.04	.05	.00	**.80**
picd16_na	-.04	**.64**	.20	-.09	.12	.14	.10	.09	-.05	.07	-.04	.17	**.67**
picd56_na	.16	**.67**	-.01	.00	.09	.14	.08	.03	.13	.03	.02	-.06	**.73**
picd1_na	.07	**.58**	.01	-.11	-.00	.23	.20	.15	.03	-.03	-.02	-.01	**.57**
picd11_na	.12	**.66**	-.08	.04	.10	.11	.06	.05	.08	.05	.07	-.12	**.68**
picd46_na	-.05	**.59**	.17	.07	.12	.14	.07	-.08	-.05	.05	.02	.13	**.69**
picd21_na	-.06	**.57**	.18	-.01	.17	.13	.07	-.02	-.06	.11	-.02	.15	**.65**
picd36_na	-.29	**.66**	-.06	-.03	-.13	-.07	-.04	.29	**-.39**	-.09	.13	-.05	**.49**
picd51_na	.03	**.51**	.10	.11	.23	.15	.07	-.14	.05	.14	.03	.05	**.64**
picd31_na	-.06	**.41**	.10	-.06	.06	.22	.20	.07	-.08	.04	-.01	.08	**.42**
picd17_dn	.03	.19	.04	.02	-.00	**.74**	**.73**	.04	.00	.00	.07	.03	.17
picd6_na	.18	**.40**	.20	**-.32**	-.01	.10	.12	**.32**	.14	-.01	-.12	.20	**.35**
picd23_dt	-.03	**-.47**	**.43**	-.03	.05	.07	.14	.00	.01	.08	-.01	**.47**	**-.48**
McDonald's ω	***.87***	***.82***	*.58*	***.75***	***.86***	***.83***	***.82***	*.61*	***.84***	***.84***	***.74***	*.56*	***.84***
$\Phi_{whole\text{-}comm}$[c]	***.99***	***.99***	***.98***	***.98***	***.98***	***.97***	***.99***	***.98***	***1.00***	***.99***	***.98***	***.99***	***.98***
$\Phi_{whole\text{-}clin}$	***.98***	***.98***	*.92*	***.97***	***.98***	***.96***	***.96***	*.82*	***.98***	***.97***	*.94*	*.94*	*.94*
$\Phi_{comm\text{-}clin}$	***.98***	***.97***	*.87*	***.96***	***.96***	*.93*	*.94*	*.80*	***.97***	*.94*	*.92*	*.90*	*.93*

[a] na = negative affectivity, dt = detachment, ds = dissociality, dn = disinhibition, ak = anankastia, Items are sorted following the four-factor solution in Table 3.

[b] Loadings $\lambda \geq |.30|$, McDonald's Omega coefficients $\omega \geq .70$, and Tucker's coefficients $\Phi \geq .95$ are in bold type.

[c] comm = community sample, clin = clinical sample.

Table S9. Cross-Validation of the Main PiCD and SASPD Factor Solutions in Two Randomly Split Samples (n = 1,670 and 1,649) and in the Community (*n* = 2,522) and Clinical (*n* = 797) Samples Through ESEM Analyses[a].

	$\chi^2(df)$	CFI	TLI	RMSEA	SRMR
PiCD – Random Split					
5 fact. – Sample 1 – Target 2	5,584.5 (1,612)	**.978**	**.976**	**.039**	**.043**
5 fact. – Sample 2 – Target 1	5,440.4 (1,608)	**.981**	**.979**	**.039**	**.041**
4 fact. – Sample 1 – Target 2	7,637.1 (1,669)	**.967**	**.965**	**.048**	**.048**
4 fact. – Sample 2 – Target 1	7,621.9 (1,667)	**.970**	**.968**	**.048**	**.048**
PiCD – Community vs. Clinical					
5 fact. – Comm. Sample – Clin. Target	18,002.7 (1,755)	**.965**	**.962**	**.048**	**.048**
5 fact. – Clin. Sample – Comm. Target	5,604.3 (1,755)	**.972**	**.969**	**.044**	**.054**
4 fact. – Comm. Sample – Clin. Target	22,492.5 (1,760)	.945	.942	**.059**	**.057**
4 fact. – Clin. Sample – Comm. Target	6,877.1 (1,760)	**.950**	.947	**.057**	**.063**
SASPD – Random Split					
1 fact. – Sample 1 – Target 2	502.7 (35)	.895	.892	.092	.092
1 fact. – Sample 2 – Target 1	606.4 (35)	.864	.860	.102	.103
2 fact. – Sample 1 – Target 2	196.5 (28)	**.962**	**.952**	.062	**.063**
2 fact. – Sample 2 – Target 1	166.0 (28)	**.967**	**.958**	**.056**	**.067**
3 fact. – Sample 1 – Target 2	98.8 (22)	**.983**	**.972**	**.047**	**.050**
3 fact. – Sample 2 – Target 1	332.4 (25)	.927	.895	.089	.080
SASPD – Community vs. Clinical					
1 fact. – Comm. Sample – Clin. Target	1243.7 (35)	.748	.741	.118	.128
1 fact. – Clin. Sample – Comm. Sample	466.0 (35)	.820	.815	.138	.134
2 fact. – Comm. Sample – Clin. Target	355.3 (31)	.933	.922	.065	**.075**
2 fact. – Clin. Sample – Comm. Sample	158.5 (31)	.947	.938	.080	.096
3 fact. – Comm. Sample – Clin. Target	131.4 (24)	**.978**	**.966**	**.042**	**.045**
3 fact. – Clin. Sample – Comm. Sample	30.9 (20)	**.995**	**.992**	**.029**	**.041**

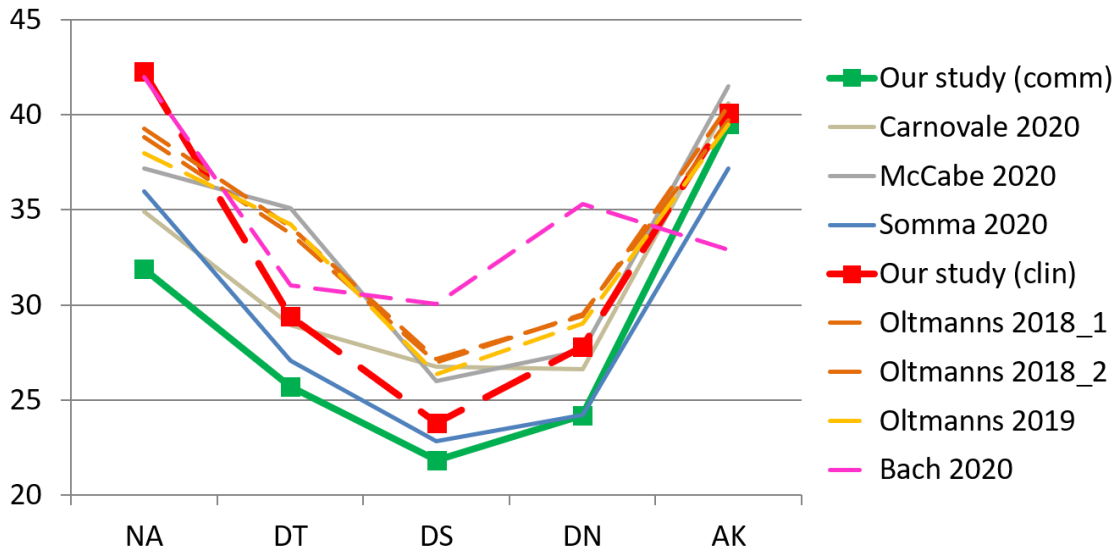
[a] $\chi^2(df)$ = Chi-square (degrees of freedom), CFI = Comparative Fit Index, TLI = Tucker–Lewis Index, RMSEA = Root Mean Square Error of Approximation, SRMR = Standardised Root Mean Square Residual. Acceptable fit indices are in bold type.

Table S10. Criterion Validity for the PiCD and the SASPD in the Whole Sample (n = 3,319).

	PiCD Predicting SASPD		PiCD and SASPD Predicting Caseness[a]				
	Community	Clinical	Logistic Regression	ROC Analysis			
	Beta (p)	*Beta (p)*	*OR (p)*	AUC	Cutoff	*Se*	*Sp*
Negative Affectivity	.406 (<.001)	.456 (<.001)	1.15 (<.001)	.81	≥ 37	.76	.73
Detachment	.197 (<.001)	.269 (<.001)	1.02 (.007)	.63			
Dissociality	.161 (<.001)	.172 (<.001)	1.01 (.561)	.58			
Disinhibition	-.051 (.043)	.040 (.287)	.98 (.021)	.63			
Anankastia	-.101 (<.001)	-.116 (<.001)	.98 (.004)	.52			
SASPD	--	--	1.06 (<.001)	.72	≥ 7	.66	.68
Expl.variance[b]	R^2 = .27	R^2 = .53	R^2_N = .33				

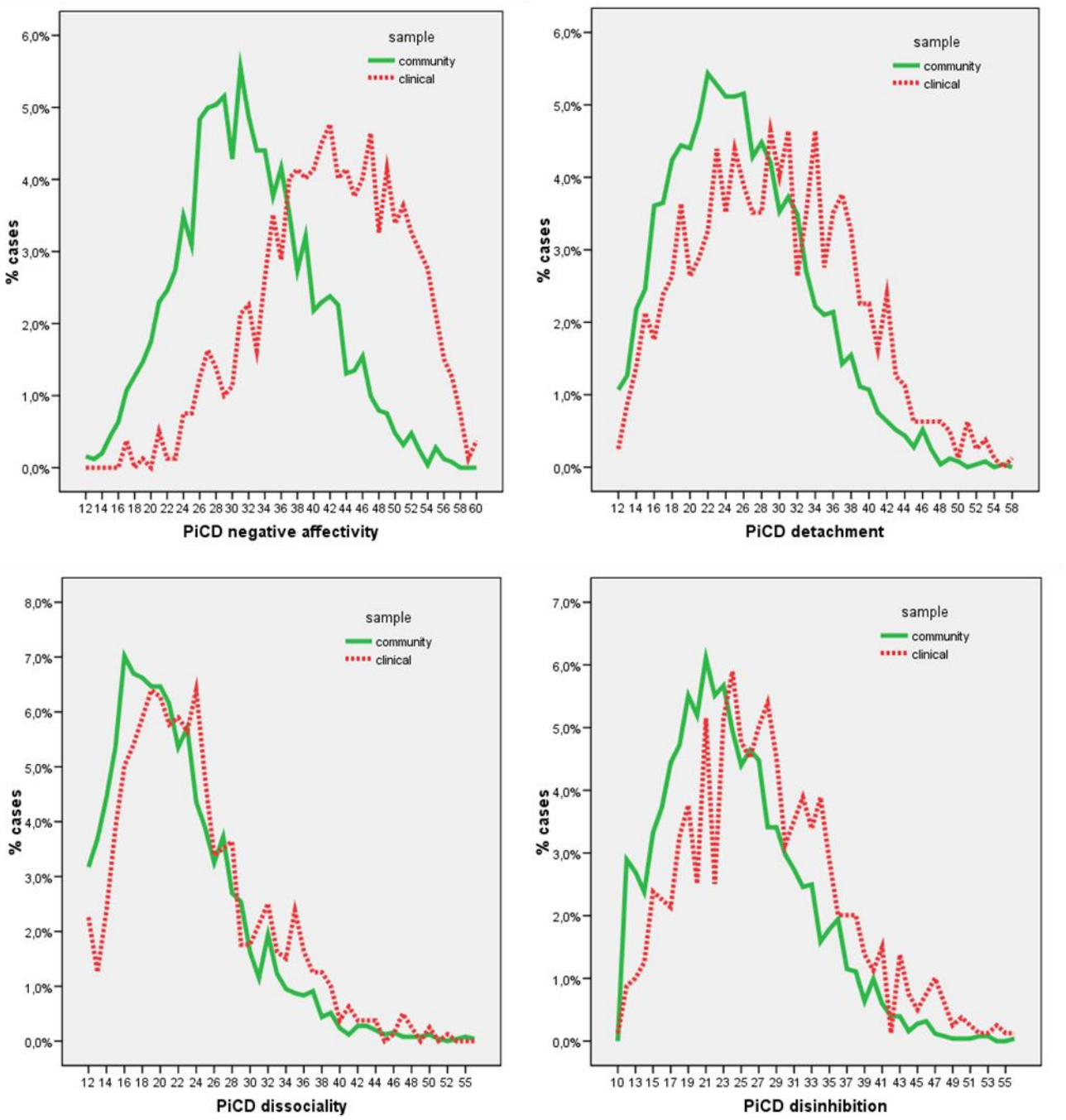
[a] OR = odds ratio, AUC = area under the curve, *Se* = Sensitivity, *Sp* = specificity,
[b] R^2_N = Nagelkerke's pseudo-R^2.

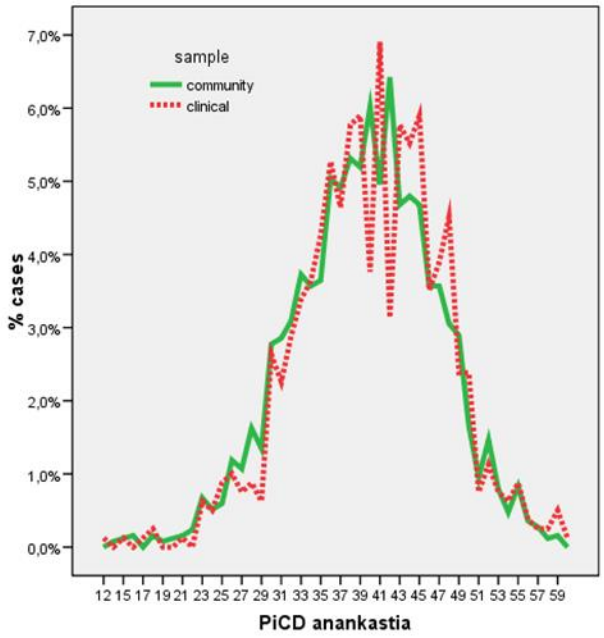
Figure S1. Mean PiCD Scores in our Community and Clinical Samples and in the Literature.

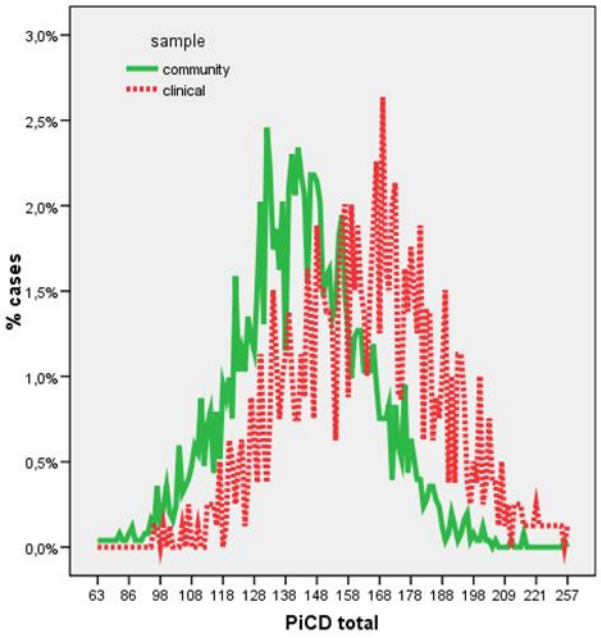


Note. Community samples in the literature are Carnovale, Sellbom, & Bagby (2020), McCabe & Widiger (2020) and Somma et al. (2020); clinical samples in the literature are Bach et al. (2020) and Oltmanns & Widiger (2018; 2019; 2020). NA = negative affectivity, DT = detachment, DS = dissociality, DN = disinhibition, AK = anankastia.

Figure S2. Frequency Distributions of the PiCD and SASPD in the Community (*n* = 2,522) and the Clinical Sample (*n* = 797).




sample
community
clinical
% cases
7,0%
6,0%
5,0%
4,0%
3,0%
2,0%
1,0%
0,0%
12 15 17 19 21 23 25 27 29 31 33 35 37 39 41 43 45 47 49 51 53 55 57 59
PiCD anankastia


sample
community
clinical
% cases
3,0%
2,5%
2,0%
1,5%
1,0%
0,5%
0,0%
63 86 98 108 118 128 138 148 158 168 178 188 198 209 221 257
PiCD total

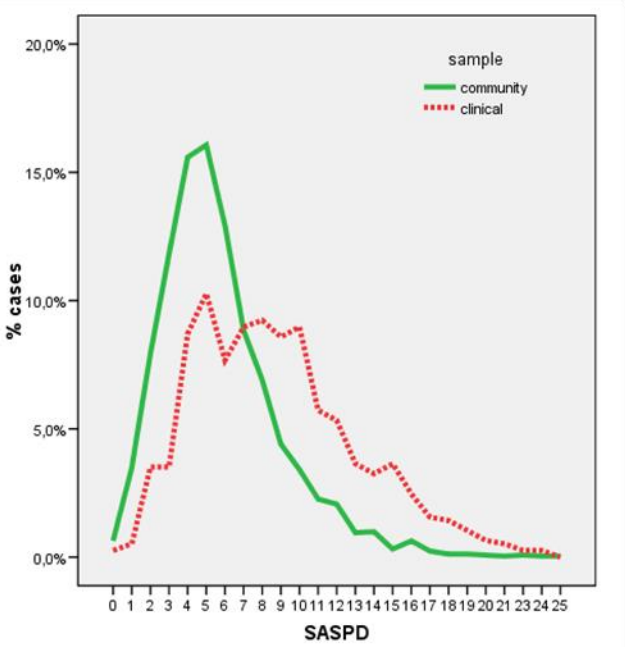
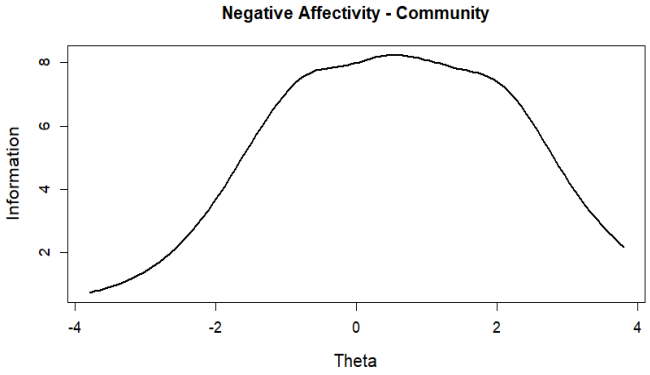
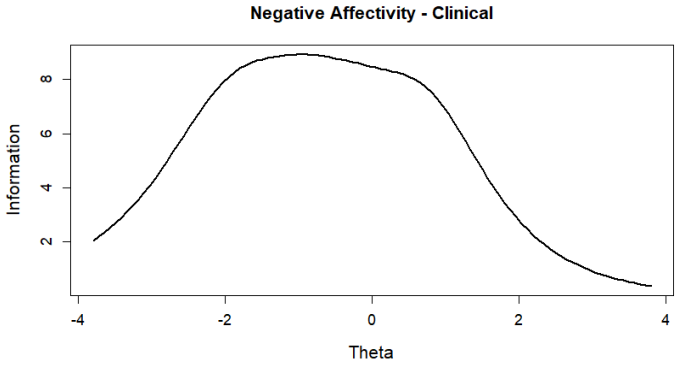

sample
community
clinical
% cases
20,0%
15,0%
10,0%
5,0%
0,0%
0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 23 24 25
SASPD

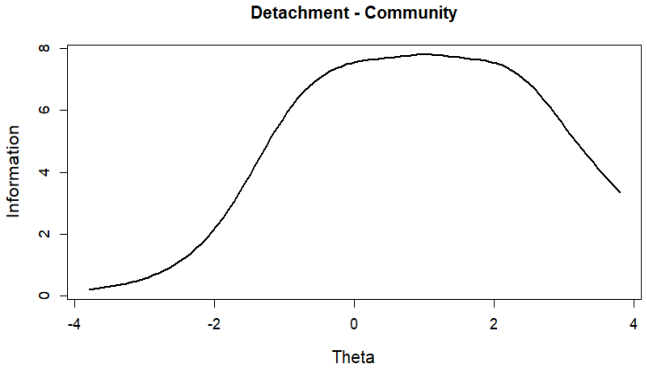
Figure S3. Test Information Curves from the PiCD and the SASPD in the Community (n = 2,522) and Clinical (n = 797) Samples.



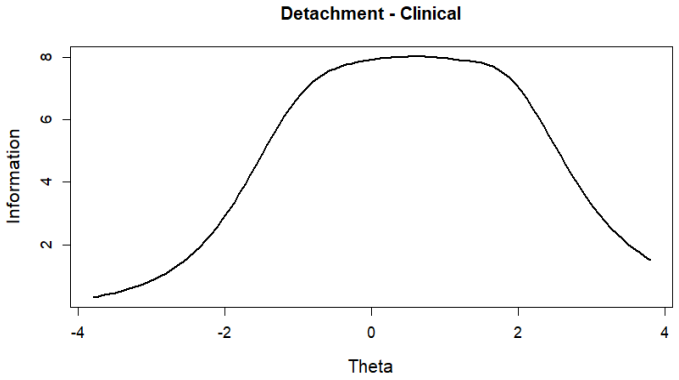
Total info: 45.6
Info in (-4,0): 36.8%
Info in (0,4): 57.0%



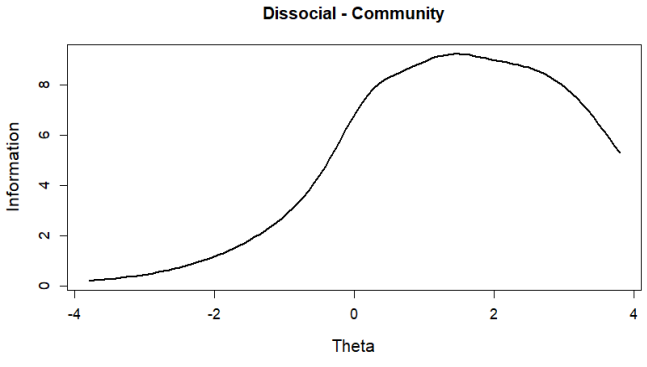
Total info: 43.6
Info in (-4,0): 60.4%
Info in (0,4): 34.3%



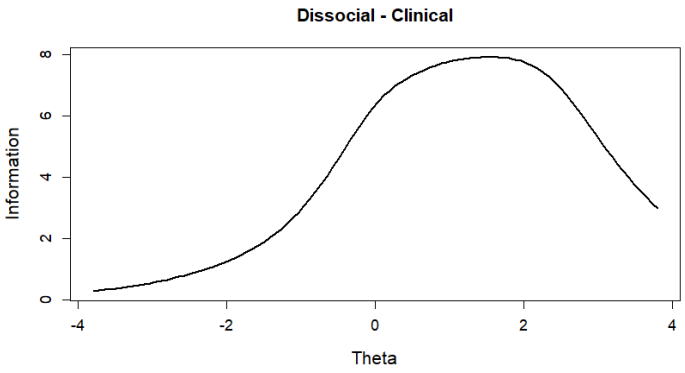
Total info: 45.0
Info in (-4,0): 28.6%
Info in (0,4): 62.5%



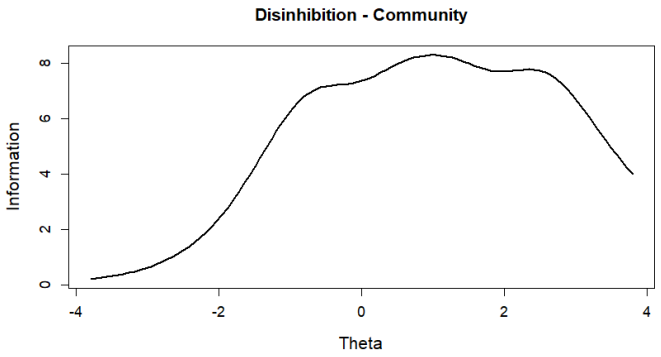
Total info: 39.3
Info in (-4,0): 37.1%
Info in (0,4): 58.4%



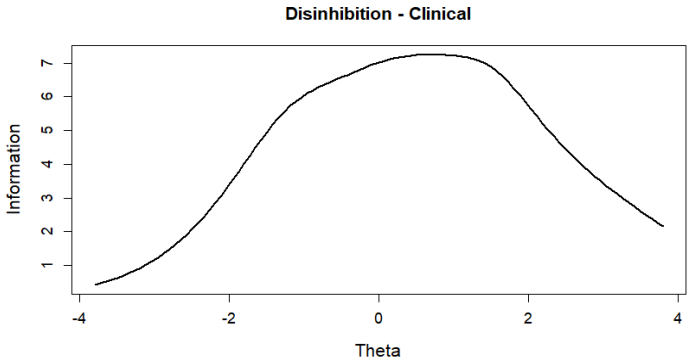
Total info: 44.5
Info in (-4,0): 16.7%
Info in (0,4): 72.1%



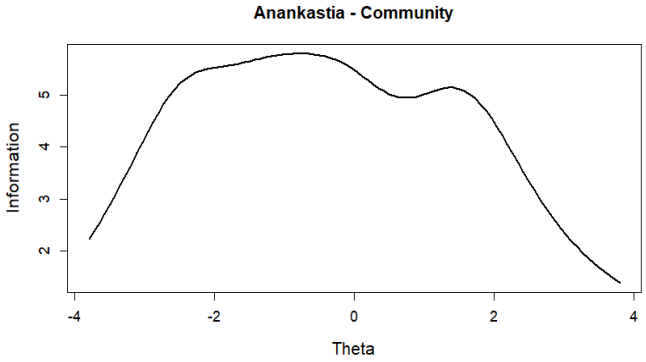
Total info: 37.1
Info in (-4,0): 21.2%
Info in (0,4): 69.3%



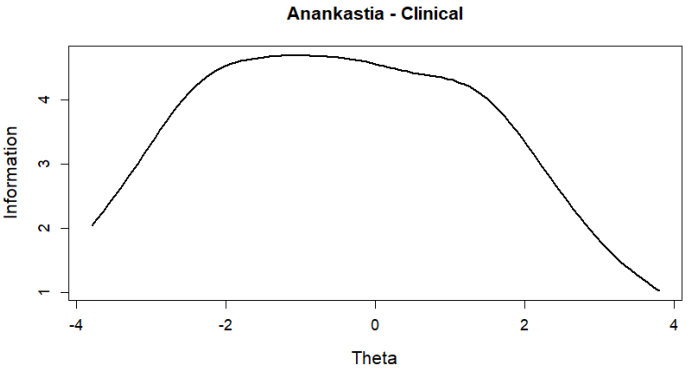
Total info: 46.0
Info in (-4,0): 28.3%
Info in (0,4): 62.2%



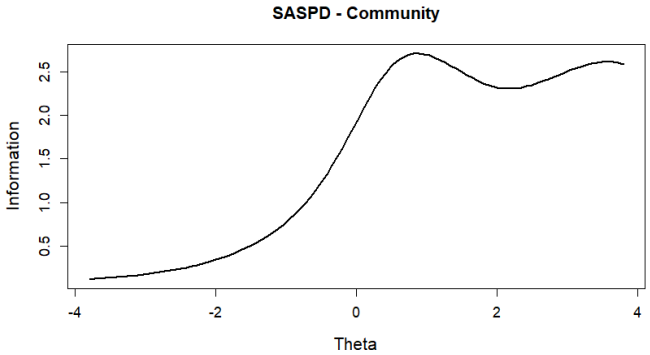
Total info: 38.0
Info in (-4,0): 37.5%
Info in (0,4): 55.4%



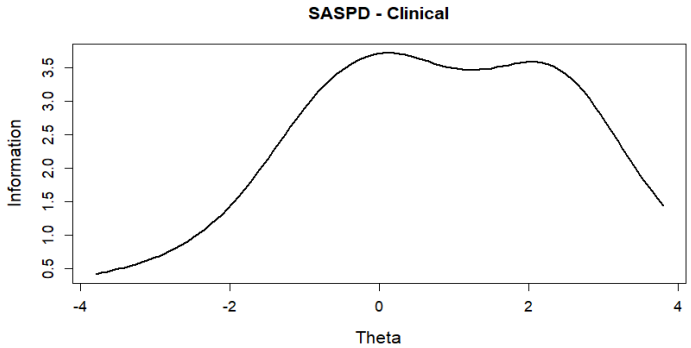
Total info: 40.7
Info in (-4,0): 50.7%
Info in (0,4): 39.5%



Total info: 32.1
Info in (-4,0): 49.3%
Info in (0,4): 38.0%



Total info: 21.1
Info in (-4,0): 21.1%
Info in (0,4): 60.7%



Total info: 22.1
Info in (-4,0): 31.9%
Info in (0,4): 56.0%

Figure S4. Receiver Operating Characteristic (ROC) Curves for the PiCD and the SASPD Predicting Caseness.