

Supplementary Table 1. Comparison of four latent classes on the subscales of MMPI-2

MMPI-2 Scales	Mean (SD)					F	p	Partial η^2	Contrasts
	Overall (N=348)	Class 1 (N=68)	Class 2 (N=129)	Class 3 (N=60)	Class 4 (N=91)				
Supplementary scales									
A	65.61 (11.38)	48.88 (10.36)	66.27 (7.06)	69.30 (5.86)	74.73 (4.52)	180.546	<0.001	0.612	4>3>2>1
R	52.07 (8.99)	50.19 (9.44)	54.40 (9.15)	44.90 (7.41)	54.89 (6.10)	23.374	<0.001	0.169	2, 4>1>3
Es	38.82 (10.15)	52.74 (9.25)	39.54 (7.54)	33.57 (5.27)	30.87 (2.29)	156.601	<0.001	0.577	1>2>3, 4
Do	39.31 (8.80)	48.74 (9.08)	38.29 (6.61)	39.45 (8.24)	33.63 (5.42)	58.829	<0.001	0.339	1>2, 3>4
Re	43.93 (11.65)	52.22 (12.97)	47.26 (10.10)	37.97 (7.94)	36.93 (8.29)	42.302	<0.001	0.269	1>2>3, 4
Mt	70.15 (12.76)	50.24 (10.72)	71.53 (7.20)	73.82 (6.83)	80.66 (3.89)	236.782	<0.001	0.674	4>2, 3>1
PK	71.31 (14.09)	50.72 (11.17)	69.36 (7.79)	78.63 (5.77)	84.65 (4.77)	277.536	<0.001	0.708	4>3>2>1
MDS	63.16 (12.97)	47.59 (9.58)	60.73 (9.55)	69.40 (9.31)	74.14 (7.38)	125.898	<0.001	0.523	4>3>2>1
Ho	61.78 (12.02)	49.34 (11.71)	59.06 (9.08)	68.37 (8.44)	70.59 (7.49)	83.629	<0.001	0.422	3, 4>2>1
OH	45.27 (8.52)	51.12 (9.57)	43.73 (8.06)	43.07 (7.22)	44.55 (7.21)	15.329	<0.001	0.118	1>2, 3, 4
MACR	53.15 (11.32)	49.26 (11.06)	48.16 (9.25)	60.85 (10.87)	58.04 (9.65)	33.141	<0.001	0.224	3, 4>1, 2
AAS	52.11 (13.07)	43.41 (8.11)	46.71 (7.76)	59.00 (13.42)	61.70 (13.51)	58.933	<0.001	0.339	3, 4>1, 2
APS	55.08 (10.41)	50.93 (10.58)	52.98 (10.06)	60.63 (9.07)	57.52 (9.50)	14.178	<0.001	0.110	3, 4>1, 2
GM	43.81 (10.27)	55.03 (8.74)	44.37 (8.68)	41.95 (8.47)	35.86 (5.80)	75.858	<0.001	0.398	1>2, 3>4
GF	47.86 (9.40)	48.49 (7.56)	51.50 (8.46)	43.88 (9.05)	44.87 (10.20)	14.783	<0.001	0.114	1, 2>3, 2>4

MMPI-2: Minnesota Multiphasic Personality Inventory-2, A: anxiety, R: repression, Es: ego strength, Do: dominance, Re: social responsibility, Mt: college maladjustment, PK: Post-Traumatic Stress Disorder, MDS: marital distress, Ho: hostility, OH: overcontrolled hostility, MACR: MacAnderw alcoholism, AAS : addiction acknowledge, APS: addiction potential, GM: masculine gender role, GF: feminine gender role, SD: standard deviation