

STUDY CHARACTERISTICS

Table S1. Latent class analyses

	Andreasen	Maes	Schotte	Hybels	Lamers	Park. 99	Dav. 88	Dav. 89	Grove	Haslam
N	228	80	220	366	818	269	190	130	569	400
MDD diagnosis	RDC	DSM III R	DSM III	DSM IV	DSM IV	DSM III R	RDC	RDC	-	DSM III
% no MDD	23	24	25	0	9,2	0	6,3	12	0	0
Male / female	94 / 134	80 / 0	51 / 169	124 / 242	272 / 546	-	56 / 136	69 / 61	214 / 298	146 / 254
Country	USA	Belgium	Belgium	USA	NL	Australia	USA	USA	USA	USA
Mean severity	-	HDRS-21 22,3	HDRS-17 19,32	MADRS 26,82	-	-	HDRS-25 28,1	HDRS-25 34,9	-	BDI 27,3
Method	CA	CA	CA	LCCA	LCA	LCA	GOM	GOM	CA, LCA	COBWEB3
Items in analysis	106 SADS	14 SCID	14 SCID	10 MADRS	10 CIDI 6 IDS-SR	16 clinical features	47 of HRSD SCL-90 Newcastle	HRSD SCL-58 CDC	36 SADS	21 BDI
Structure of items	Ordinal	Binary	Binary	Ordinal	Binary	Binary + ordinal	Ordinal	Binary + ordinal	Ordinal	Ordinal

Table S2. Latent factor analyses

	Fleck	Ohaeri	Steer	Haslam	Galin.	Park. 03	Corruble	Maes	Romera	Gullion	Lux	Uher
N	60	96	300	400	137	225	68	80	1049	324	1015	660
MDD diagnosis	DSM III R	ICD 10	DSM III	DSM III	DSM III	DSM IV	DSM III R	DSM III R	DSM IV	DSM III R	DSM IV	DSM IV
% no MDD	15	16	0	0	0	0	0	24	0	0	0	0
Male / female	14 / 46	31 / 65	109 / 191	146 / 254	64 / 36	-	23 / 45	80 / 0	282 / 856	105 / 217	518 / 497	236 / 424
Country	France	Nigeria	USA	-	-	USA	-	Belgium	Spain	USA	USA	Europe
Mean severity	HDRS-17 26,6	-	HDRS-24 21,24	BDI 27,3	MADRS 34,76	-	MADRS 33,9	HDRS-24 22,3	Zung 54,13	HRSD-17 18,8	-	HRSD-17 13,61
Method	PCA	EFA	PCA	PCA	PCA	EFA	PCA	PCA	EFA	EFA	CFA	CFA
Items in analysis	HDRS-17	HDRS-23 BPRS-18	HDRS-24 BDI	BDI	MADRS	MADRS	MADRS IDS-C/-SR SCL-90R	SCID	Zung	HRSD-17 IDS-C/-SR BDI	9 DSM- criteria for MDD	MADRS HRSD-17 BDI
Structure of items	Ordinal	Ordinal	Ordinal	Ordinal	Ordinal	Ordinal	Ordinal	Binary	Ordinal	Ordinal	Ordinal	Ordinal

Abbreviations

CA, cluster analysis; EFA, exploratory factor analysis; GOM, grade of membership analysis; NL, the Netherlands; LCCA, latent class cluster analysis; LCA, latent class analysis; PCA, principal component analysis.

LATENT CLASS ANALYSES

Table S3. Translation of original clusters to severity based classes

Severity based	Andreasen	Maes	Schotte	Hybels	Lamers	Park. 99	Dav. 88	Dav. 89	Grove	Haslam
Class a	cluster 4 n=10 Σ 59,9	cluster 2 n=35 Σ 26,9	cluster 1 n=99 Σ 22,9	cluster 4 n=25 Σ 35,7	cluster 1 n=379 p* 0,8	cluster 1 n=30 Σ 18,6	cluster 5 n=24 Σ 38,4	cluster 5 n=23 Σ 41,5	cluster 3 n=57 Σ 77,0	cluster 2 n=161 Σ 28,6
Class b	cluster 1 n=99 Σ 56,5	cluster 1 n=45 Σ 18,7	cluster 2 n=121 Σ 16,4	cluster 2 n=99 Σ 24,6	cluster 2 n=201 p* 0,81	cluster 2 n=91 Σ 10,0	cluster 4 n=37 Σ 34,1	cluster 2 n=25 Σ 40,9	cluster 1 n=248 Σ 75,1	cluster 1 n=166 Σ 27,6
Class c	cluster 2 n=67 Σ 45,5			cluster 1 n=173 Σ 19,2	cluster 3 n=238 p* 0,64	cluster 3 n=148 Σ 1,7	cluster 2 n=51 Σ 28,3	cluster 4 n=27 Σ 39,4	cluster 2 n=248 Σ 60,6	cluster 3 n=41 Σ 26,3
Class d				cluster 4 n=69 Σ 15,8			cluster 1 n=31 Σ 23,0	cluster 3 n=29 Σ 30,4		cluster 4 n=32 Σ 20,4
Class e							cluster 3 n=47 Σ 21,2	cluster 1 n=26 Σ 23,8		
Σ : sum score of	SADS 16 items	HRSD-21	HRSD-17	MADRS	CIDI*	CORE	HRSD-25	HRSD-25	SADS 36 items	BDI

* Average probability of symptom endorsement on 10 CIDI depressive items.