

Supplementary Material

Dimensional Psychopathology Explains Functional Disability better than ICD-10 Categories

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SUBTABLE 1. Frequencies of Diagnoses

ICD-Code	N	ICD-Code	N	ICD-Code	N
F 43.1	1	F30.0	10	F33.4	1
F10.0	5	F30.2	1	F33.9	1
F10.1	3	F30.3	1	F34.0	1
F10.2	10	F30.5	1	F34.2	2
F10.8	1	F31.1	2	F40.0	1
F11.2	1	F31.2	1	F41.1	3
F12.5	2	F31.3	2	F41.2	1
F12.9	1	F31.4	3	F41.9	2
F14.2	1	F31.7	1	F43.0	16
F20.0	17	F31.9	1	F43.1	7
F20.8	1	F32.0	2	F43.2	7
F21.0	1	F32.1	5	F60.0	8
F22.0	3	F32.2	16	F43.2	7
F23.0	2	F32.3	2	F43.21	1
F23.1	3	F32.9	1	F60.0	8

ICD-Code	N	ICD-Code	N	ICD-Code	N
F25.0	3	F33.0	5	F60.1	1
F25.1	2	F33.1	10	F60.3	9
F25.1.	1	F33.2	21	F61.0	1
F25.2	1	F33.3	5	F62.0	1
F25.8	1	F25.9	1		

Note. N = Number of included cases.

SUBTABLE 2. Overview of Measurements.

Measure Name	Type/Format	Dimensions & Scales assessed
Autism-Quotient (AQ10)	Self-report questionnaire, 10 items on a Likert scale (1-4)	Autism Quotient
Alcohol use disorder identification test (AUDIT)	Self-report questionnaire, 10 items	Alcohol Use Disorders
Drug use disorder identification test (DUDIT)	Self-report questionnaire, 11 items	Drug Use Disorders
Empathy-Quotient (EQ10)	Self-report, 10 items on a Likert scale (1-4)	Empathy Quotient
Multidimensional Schizotypy Scale (MSS)	Self-report questionnaire, 77 items	Positive schizotypy, negative schizotypy and disorganised schizotypy symptoms
Oxford-Liverpool Inventory of Feelings and Experiences (O-LIFE)	Self-report questionnaire, 43 items	Schizotypy across four main domains: Unusual experiences, Cognitive Disorganisation, Introvertive Anhedonia, Impulsive Nonconformity

Measure Name	Type/Format	Dimensions & Scales assessed
Screen for Cognitive Impairment in Psychiatry (SCIP)	Clinician-administered screening	Cognitive domains: Verbal learning, Working memory, verbal fluency and processing speed
ICF -3f AU	Self-report questionnaire, 33 items	
Organisation Disability Assessment Schedule 2.0 (WHODAS 2.0)	Self-report questionnaire	Assesses disability in six domains of functioning: Cognition, Mobility, Self-care, Getting along, Life activities and Participation
ASR	Self-report questionnaire, 126 items	Anxious/Depressed, Withdrawn, Somatic Complaints, Thought Problems, Attention Problems, Aggressive Behaviour, Rule-Breaking Behaviour.

SUBTABLE 3. Bayesian Model Factors.

	Dependent Variable	Fixed Factors	Covariates	Null Modell
<i>EFA Factors</i>	WHODAS Total Score WHODAS Communication WHODAS Mobility WHODAS Self-Care WHODAS Life-Activities WHODAS Participation ICF Total Score ICF Cognitive Performance ICF Self-Efficacy ICF Social Competence TOMI:SR Adult EQ10 SCIP total z Score	Sex, Diagnoses	Dysregulation, Reality Distortion, Detachment, Substance-Use, Age	Age, Sex
<i>Robustness</i>	WHODAS Total Score ICF Total Score TOMI:SR Adult EQ10 SCIP total z Score	Sex, Diagnosis (alternative grouping)	Dysregulation, Reality Distortion, Detachment, Substance-Use, Age	Age, Sex
<i>ASR spectra</i>	WHODAS Total Score ICF Total Score TOMI:SR Adult EQ10 SCIP total z Score	Sex, Diagnoses	ASR Internalising, ASR Externalising, Age	Age

Note. Variables and Null Models of the bayesian ANCOVAs calculated.

SUBTABLE 4. Frequencies of Educational Levels.

Diagnose Cluster	ISCED-Classification	Frequenc y	Percent (%)	Valid Perc ent	Cumula tive Percent
1	2	3	12.500	15.000	15.000
	3	12	50.000	60.000	75.000

	5	1	4.167	5.000	80.000
	6	4	16.667	20.000	100.000
	Missing	4	16.667		
	Total	24	100.000		
2	2	8	21.622	23.529	23.529
	3	15	40.541	44.118	67.647
	6	9	24.324	26.471	94.118
	7	2	5.405	5.882	100.000
	Missing	3	8.108		
	Total	37	100.000		

3	1	2	2.083	2.326	2.326
	2	12	12.500	13.95 3	16.279
	3	45	46.875	52.32 6	68.605
	5	1	1.042	1.163	69.767
	6	22	22.917	25.58 1	95.349
	7	3	3.125	3.488	98.837
	8	1	1.042	1.163	100.000
	Missing	10	10.417		
	Total	96	100.000		
4	2	6	19.355	20.00 0	20.000

	3	15	48.387	50.00 0	70.000
	6	8	25.806	26.66 7	96.667
	7	1	3.226	3.333	100.000
	Missing		0.000		
	Total	30	100.000		
6	1	1	5.000	5.556	5.556
	2	8	40.000	44.44 4	50.000
	3	9	45.000	50.00 0	100.000
	Missing	2	10.000		
	Total	20	100.000		

Note. Level 1 = Primary Education, Level 2 = Lower Secondary Education, Level 3 = Upper Secondary Education, Level 4 = Post-secondary Non-tertiary Education, Level 5 = Short-cycle

Tertiary Education, Level 6 = Bachelor's or Equivalent Programme, Level 7 = Master's or Equivalent Programme, and Level 8 = Doctoral or Equivalent Programme.

SUBTABLE 5. Original EFA Structure (incl. the excluded scales ASR_Rule_Breaking_Behavior and ASR_Withdrawn).

Variable	Factor 1	Factor 2	Factor 3	Factor 4	Uniqueness
ASR_Anxious_Depressed	0.902				0.228
ASR_Aggressive_Behavior	0.862				0.306
ASR_Attention_Problems	0.849				0.283
ASR_Somatic_Complaints	0.651				0.558
ASR_Intrusive	0.650				0.561
ASR_Thought_Problems	0.562				0.466
ASR_Rule_Breaking_Behavior	0.558			0.595	0.213
OLIFE_short_Impulsive_Nonconformity	0.526				0.455
OLIFE_short_Cognitive_Disorganization	0.502				0.382
ASR_Withdrawn	0.476	0.590			0.328
MSS_Dis_Score	0.462				0.304
OLIFE_short_Introvertive_Anhedonia		0.946			0.167
MSS_Neg_Score		0.771			0.427
MSS_Pos_Score			0.995		0.140

Variable	Factor 1	Factor 2	Factor 3	Factor 4	Uniqueness
OLIFE_short_Unusual_Experiences			0.753		0.284
DUDIT_Score				0.624	0.608
AUDIT_Score				0.588	0.674
FTND_Score				0.434	0.776

Note. ASR_Withdrawn and ASR_Rule_Breaking_Behavior were excluded as their cross-loadings were below the required 0.2 threshold.

Bayesian ANCOVA; WHODAS TOTAL SCORE Without Work.

SUBTABLE 6. Model Comparison

Models	P(M)	P(M data)	BFM	BF01	error %
EFA_FA_1 + EFA_FA_3	0.021	0.423	34.495	1.000	
EFA_FA_1 + EFA_FA_3 + EFA_FA_4	0.021	0.227	13.785	1.866	9.556
EFA_FA_1 + EFA_FA_2 + EFA_FA_3	0.021	0.087	4.504	4.840	2.850
EFA_FA_1	0.021	0.083	4.251	5.103	4.010
EFA_FA_1 + EFA_FA_2 + EFA_FA_3 + EFA_FA_4	0.021	0.069	3.463	6.168	4.120
DiagnoseCluster + EFA_FA_1 + EFA_FA_3	0.021	0.026	1.252	16.317	2.937
EFA_FA_1 + EFA_FA_4	0.021	0.023	1.115	18.265	4.081
EFA_FA_1 + EFA_FA_2	0.021	0.018	0.864	23.447	3.221

Models	P(M)	P(M data)	BFM	BF01	error %
EFA_FA_1 + EFA_FA_2 + EFA_FA_4	0.021	0.008	0.399	50.227	2.850
DiagnoseCluster + EFA_FA_1 + EFA_FA_3 + EFA_FA_4	0.021	0.008	0.398	50.435	9.405
Effects (Effekte)	P(incl)	P(excl)	P(incl data)	P(excl data)	BFexcl
DiagnoseCluster	0.667	0.333	0.061	0.939	30.644
Sex x DiagnoseCluster	0.333	0.667	0.011	0.989	46.682
EFA_FA_1	0.500	0.500	1.000	4.846 $\times 10^{-12}$	4.846 $\times 10^{-12}$
EFA_FA_2	0.500	0.500	0.197	0.803	4.079
EFA_FA_3	0.500	0.500	0.860	0.140	0.162
EFA_FA_4	0.500	0.500	0.342	0.658	1.925

Note. All best models include Sex, Age. Showing the best 10 out 48 models.

SUBTABLE 7. Analysis of Effects

Effect	P(incl)	P(excl)	P(incl data)	P(excl data)	BFExcl
DiagnoseCluster	0.667	0.333	0.061	0.939	30.644
Sex x DiagnoseCluster	0.333	0.667	0.011	0.989	46.682
EFA_FA_1	0.500	0.500	1.000	4.846 $\times 10^{-12}$	4.846 $\times 10^{-12}$

Effect	P(incl)	P(excl)	P(incl data)	P(excl data)	BFExcl
EFA_FA_2	0.500	0.500	0.197	0.803	4.079
EFA_FA_3	0.500	0.500	0.860	0.140	0.162
EFA_FA_4	0.500	0.500	0.342	0.658	1.925

SUBTABLE 8. Model Averaged Posterior Summary.

Variable	Level	Mean	SD	95% Credible Interval Lower	95% Credible Interval Upper
Intercept		26.144	0.838	24.407	27.806
EFA_FA_1		9.009	1.080	6.856	11.158
EFA_FA_2		0.868	0.911	-0.936	2.669
EFA_FA_3		2.649	0.968	0.705	4.578
EFA_FA_4		-1.516	1.055	-3.646	0.564
Sex	f	0.482	0.847	-1.279	2.157
	m	-0.482	0.847	-2.200	1.157
Age		0.192	0.068	8.066×10^{-4}	0.287
DiagnoseCluster	1	-1.562	1.899	-5.520	2.135
	2	-0.394	1.565	-3.583	2.723
	3	1.332	1.277	-1.220	3.873
	4	0.276	1.606	-2.963	3.496

Variable	Level	Mean	SD	95% Credible Interval Lower	95% Credible Interval Upper
	6	0.348	1.963	-3.586	4.328
DiagnoseCluster x Sex	1 & f	-0.818	1.758	-4.538	2.610
	1 & m	0.818	1.758	-2.633	4.470
	2 & f	-1.452	1.464	-4.533	1.323
	2 & m	1.452	1.464	-1.397	4.494
	3 & f	1.199	1.176	-1.149	3.558
	3 & m	-1.199	1.176	-3.645	1.108
	4 & f	-0.133	1.486	-3.189	2.828
	4 & m	0.133	1.486	-2.854	3.131
	6 & f	1.205	1.755	-2.151	4.903
	6 & m	-1.205	1.755	-4.932	2.126

Bayesian ANCOVA; WHODAS Cognition

SUBTABLE 9. Model Comparison.

Models	P(M)	P(M data)	BFM	BF01	error %
EFA_FA_1 + EFA_FA_2 + EFA_FA_3 + EFA_FA_4	0.021	0.198	11.579	1.000	
EFA_FA_1 + EFA_FA_3	0.021	0.180	10.289	1.101	7.118

Models	P(M)	P(M data)	BFM	BF01	error %
EFA_FA_1 + EFA_FA_3 + EFA_FA_4	0.021	0.163	9.173	1.210	6.703
EFA_FA_1	0.021	0.098	5.101	2.019	6.714
EFA_FA_1 + EFA_FA_2 + EFA_FA_3	0.021	0.082	4.209	2.405	6.827
EFA_FA_1 + EFA_FA_2 + EFA_FA_4	0.021	0.080	4.061	2.485	6.736
EFA_FA_1 + EFA_FA_4	0.021	0.055	2.711	3.624	6.735
EFA_FA_1 + EFA_FA_2	0.021	0.054	2.683	3.661	6.730
DiagnoseCluster+ EFA_FA_1 + EFA_FA_3	0.021	0.017	0.808	11.697	6.674
DiagnoseCluster+ EFA_FA_1 + EFA_FA_2 + EFA_FA_3 + EFA_FA_4	0.021	0.013	0.628	14.997	8.736

Note. All best models include Sex, Age. Showing the best 10 out 48 models.

SUBTABLE 10. Analysis of Effects.

Effects	P(incl)	P(excl)	P(incl data)	P(excl data)	BFexcl
DiagnoseCluster	0.667	0.333	0.091	0.909	19.917
Sex x DiagnoseCluster	0.333	0.667	0.021	0.979	23.392
EFA_FA_1	0.500	0.500	1.000	2.739×10^{-9}	2.739×10^{-9}
EFA_FA_2	0.500	0.500	0.456	0.544	1.192
EFA_FA_3	0.500	0.500	0.688	0.312	0.453

Effects	P(incl)	P(excl)	P(incl data)	P(excl data)	BFexcl
EFA_FA_4	0.500	0.500	0.531	0.469	0.885

SUBTABLE 11. Model Averaged Posterior Summary

Variable	Level	Mean	SD	95% Credible Interval Lower	95% Credible Interval Upper
Intercept		31.068	1.292	28.412	33.550
EFA_FA_1		12.024	1.698	8.564	15.326
EFA_FA_2		2.457	1.402	-0.384	5.200
EFA_FA_3		3.305	1.464	0.367	6.198
EFA_FA_4		-3.134	1.643	-6.447	0.102
Sex	f	0.220	1.323	-2.533	2.821
	m	-0.220	1.323	-2.934	2.442
Age		0.157	0.103	-0.087	0.361
DiagnoseCluster	1	-1.977	3.058	-8.182	4.109
	2	-0.051	2.459	-4.994	4.836
	3	2.493	2.013	-1.519	6.541
	4	-1.165	2.470	-6.216	3.721
	6	0.701	3.016	-5.332	6.792
DiagnoseClusterx sex	1 & f	-1.282	2.807	-7.296	4.110
	1 & m	1.282	2.807	-4.174	7.199

Variable	Level	Mean	SD	95% Credible Interval Lower	95% Credible Interval Upper
	2 & f	-2.918	2.352	-7.849	1.528
	2 & m	2.918	2.352	-1.620	7.815
	3 & f	0.083	1.804	-3.572	3.645
	3 & m	-0.083	1.804	-3.748	3.478
	4 & f	-0.008	2.334	-4.728	4.689
	4 & m	0.008	2.334	-4.761	4.690
	6 & f	4.126	3.025	-1.396	10.654
	6 & m	-4.126	3.025	-10.669	1.349

Bayesian ANCOVA; WHODAS Participation

SUBTABLE 12. Model Comparison

Models	P(M)	P(M data)	BFM	BF01	error %
EFA_FA_1 + EFA_FA_3	0.021	0.400	31.361	1.000	
EFA_FA_1 + EFA_FA_2 + EFA_FA_3	0.021	0.231	14.142	1.730	2.405
EFA_FA_1 + EFA_FA_3 + EFA_FA_4	0.021	0.122	6.534	3.279	2.298
EFA_FA_1 + EFA_FA_2 + EFA_FA_3 + EFA_FA_4	0.021	0.063	3.148	6.376	2.604
DiagnoseCluster+ EFA_FA_1 + EFA_FA_3 + DiagnoseCluster x Sex	0.021	0.052	2.585	7.678	4.229

Models	P(M)	P(M data)	BFM	BF01	error %
DiagnoseCluster+ EFA_FA_1 + EFA_FA_3	0.021	0.043	2.089	9.406	2.556
DiagnoseCluster+ EFA_FA_1 + EFA_FA_2 + EFA_FA_3 + DiagnoseCluster x sex	0.021	0.021	1.012	18.990	5.066
DiagnoseCluster+ EFA_FA_1 + EFA_FA_3 + EFA_FA_4 + DiagnoseCluster x sex	0.021	0.017	0.815	23.474	2.497
DiagnoseCluster + EFA_FA_1 + EFA_FA_2 + EFA_FA_3	0.021	0.016	0.785	24.348	5.398
DiagnoseCluster+ EFA_FA_1 + EFA_FA_3 + EFA_FA_4	0.021	0.013	0.638	29.869	3.020

Note. All best models include Sex, Age. Showing the best 10 out 48 models.

SUBTABLE 13. Analysis of Effects.

Effects	P(incl)	P(excl)	P(incl data)	P(excl data)	BFexcl
DiagnoseCluster	0.667	0.333	0.175	0.825	9.443
Sex x DiagnoseCluster	0.333	0.667	0.097	0.903	4.648
EFA_FA_1	0.500	0.500	1.000	$\$1.153 \times 10^{-5}$	$\$1.153 \times 10^{-5}$
EFA_FA_2	0.500	0.500	0.345	0.655	1.900
EFA_FA_3	0.500	0.500	0.990	0.010	0.010
EFA_FA_4	0.500	0.500	0.228	0.772	3.386

SUBTABLE 14. Model Averaged Posterior Summary.

Variable	Level	Mean	SD	95% Credible Interval Lower	95% Credible Interval Upper
Intercept		25.259	1.231	22.729	27.604
EFA_FA_1		7.621	1.494	4.595	10.612
EFA_FA_2		-1.639	1.261	-4.205	0.835
EFA_FA_3		4.809	1.367	2.068	7.544
EFA_FA_4		-1.073	1.519	-4.116	1.935
Sex	f	0.480	1.248	-2.103	2.839
	m	-0.480	1.248	-2.993	2.054
Age		0.295	0.095	0.052	0.469
DiagnoseCluster	1	-0.206	2.847	-6.026	5.403
	2	-1.399	2.219	-5.874	2.993
	3	2.053	1.835	-1.593	5.726
	4	1.757	2.295	-2.792	6.406
	6	-2.204	2.928	-8.246	3.506
DiagnoseCluster x sex	1 & f	-3.206	2.726	-8.983	1.922
	1 & m	3.206	2.726	-1.973	8.956
	2 & f	-0.703	2.074	-4.839	3.468
	2 & m	0.703	2.074	-3.529	4.773

Variable	Level	Mean	SD	95% Credible Interval Lower	95% Credible Interval Upper
	3 & f	3.770	1.787	0.307	7.394
	3 & m	-3.770	1.787	-7.436	-0.319
	4 & f	1.921	2.265	-2.451	6.666
	4 & m	-1.921	2.265	-6.732	2.385
	6 & f	-1.781	2.581	-7.166	3.222
	6 & m	1.781	2.581	-3.273	7.107

Bayesian ANCOVA; WHODAS Self-care

SUBTABLE 15. Model Comparison.

Models	P(M)	P(M data)	BFM	BF01	error %
EFA_FA_1	0.021	0.255	16.049	1.000	
EFA_FA_1 + EFA_FA_4	0.021	0.198	11.615	1.285	3.517
EFA_FA_1 + EFA_FA_2 + EFA_FA_4	0.021	0.113	6.011	2.245	3.477
EFA_FA_1 + EFA_FA_3 + EFA_FA_4	0.021	0.097	5.028	2.634	3.510
EFA_FA_1 + EFA_FA_3	0.021	0.094	4.895	2.699	3.892
EFA_FA_1 + EFA_FA_2	0.021	0.084	4.316	3.149	3.483
EFA_FA_1 + EFA_FA_2 + EFA_FA_3 + EFA_FA_4	0.021	0.041	2.052	7.820	3.655

Models	P(M)	P(M data)	BFM	BF01	error %
EFA_FA_1 + EFA_FA_2 + EFA_FA_3	0.021	0.039	1.884	8.520	3.738
DiagnoseCluster+ EFA_FA_1	0.021	0.016	0.778	20.627	3.484
DiagnoseCluster + EFA_FA_1 + EFA_FA_4	0.021	0.014	0.697	23.013	3.575

Note. All best models include Sex, Age. Showing the best 10 out 48 models.

SUBTABLE 16. Analysis of Effects.

Effects	P(incl)	P(excl)	P(incl data)	P(excl data)	BFexcl
DiagnoseCluster	0.667	0.333	0.063	0.937	29.805
Sex x DiagnoseCluster	0.333	0.667	0.009	0.991	75.385
EFA_FA_1	0.500	0.500	1.000	$\$1.907 \times 10^{-11}$	$\$1.907 \times 10^{-11}$
EFA_FA_2	0.500	0.500	0.380	0.620	1.633
EFA_FA_3	0.500	0.500	0.177	0.823	4.659
EFA_FA_4	0.500	0.500	0.713	0.287	0.403

SUBTABLE 17. Model Averaged Posterior Summary.

Variable	Level	Mean	SD	95% Credible Interval Lower	95% Credible Interval Upper
Intercept		26.545	0.999	24.582	28.487
EFA_FA_1		9.771	1.408	7.000	12.564

Variable	Level	Mean	SD	95% Credible Interval Lower	95% Credible Interval Upper
EFA_FA_2		-1.583	1.253	-4.017	0.814
EFA_FA_3		-0.635	0.844	-2.257	1.025
EFA_FA_4		-2.775	1.205	-5.148	-0.320
Sex	f	0.038	1.025	-2.011	2.052
	m	-0.038	1.025	-2.102	1.968
Age		0.252	0.081	0.093	0.409
DiagnoseCluster	1	-1.332	2.502	-6.376	3.515
	2	0.400	1.932	-3.424	4.298
	3	-0.198	1.488	-3.149	2.760
	4	0.796	2.115	-3.414	4.887
	6	-0.422	2.656	-5.744	4.717
DiagnoseCluster x Sex	1 & f	-0.587	2.378	-5.467	4.237
	1 & m	0.587	2.378	-4.270	5.378
	2 & f	-0.738	1.831	-4.383	2.879
	2 & m	0.738	1.831	-2.943	4.303
	3 & f	0.508	1.442	-2.285	3.391
	3 & m	-0.508	1.442	-3.435	2.215
	4 & f	0.052	2.158	-4.102	4.316
	4 & m	-0.052	2.158	-4.372	4.048

Variable	Level	Mean	SD	95% Credible Interval Lower	95% Credible Interval Upper
	6 & f	1.107	2.535	-3.896	6.077
	6 & m	-1.107	2.535	-6.012	3.968

Bayesian ANCOVA; WHODAS Getting Along (Without work)

SUBTABLE 18. Model Comparison.

Models	P(M)	P(M data)	BFM	BF01	error %
EFA_FA_1	0.021	0.377	28.450	1.000	
EFA_FA_1 + EFA_FA_3	0.021	0.237	14.567	1.594	3.665
EFA_FA_1 + EFA_FA_2	0.021	0.082	4.185	4.612	2.983
EFA_FA_1 + EFA_FA_4	0.021	0.074	3.772	5.075	2.828
EFA_FA_1 + EFA_FA_2 + EFA_FA_3	0.021	0.064	3.195	5.924	4.058
EFA_FA_1 + EFA_FA_3 + EFA_FA_4	0.021	0.058	2.902	6.483	3.083
DiagnoseCluster+ EFA_FA_1	0.021	0.024	1.180	15.401	3.004
EFA_FA_1 + EFA_FA_2 + EFA_FA_4	0.021	0.018	0.842	21.423	2.869
DiagnoseCluster+ EFA_FA_1 + EFA_FA_3	0.021	0.017	0.812	22.215	2.984
EFA_FA_1 + EFA_FA_2 + EFA_FA_3 + EFA_FA_4	0.021	0.015	0.730	24.645	3.015

Note. All best models include Sex, Age. Showing the best 10 out 48 models.

SUBTABLE 19. Analysis of Effects.

Effects	P(incl)	P(excl)	P(incl data)	P(excl data)	BFexcl
DiagnoseCluster	0.667	0.333	0.076	0.924	24.468
Sex x DiagnoseCluster	0.333	0.667	0.011	0.989	43.596
EFA_FA_1	0.500	0.500	1.000	5.082×10^{-7}	5.082×10^{-7}
EFA_FA_2	0.500	0.500	0.193	0.807	4.170
EFA_FA_3	0.500	0.500	0.406	0.594	1.465
EFA_FA_4	0.500	0.500	0.180	0.820	4.545

SUBTABLE 20. Model Averaged Posterior Summary.

Variable	Level	Mean	SD	95% Credible Interval Lower	95% Credible Interval Upper
Intercept		39.038	1.985	35.028	42.948
EFA_FA_1		15.139	2.494	10.068	20.013
EFA_FA_2		-1.144	2.091	-5.303	3.013
EFA_FA_3		3.566	2.269	-1.010	8.074
EFA_FA_4		-0.966	2.484	-5.937	4.043
Sex	f	0.289	1.965	-3.663	4.071
	m	-0.289	1.965	-4.267	3.657
Age		0.196	0.159	-0.242	0.463
DiagnoseCluster	1	-3.530	4.447	-12.855	4.965

Variable	Level	Mean	SD	95% Credible Interval Lower	95% Credible Interval Upper
	2	-1.454	3.715	-9.034	5.807
	3	1.432	2.974	-4.547	7.340
	4	-2.125	3.825	-9.926	5.326
	6	5.678	4.955	-3.807	16.148
DiagnoseCluster x Sex	1 & f	-0.261	4.021	-8.461	7.807
	1 & m	0.261	4.021	-7.944	8.324
	2 & f	-2.442	3.346	-9.342	4.077
	2 & m	2.442	3.346	-4.143	9.241
	3 & f	3.323	2.797	-2.126	9.048
	3 & m	-3.323	2.797	-9.087	2.021
	4 & f	-1.802	3.511	-9.023	5.092
	4 & m	1.802	3.511	-5.199	8.916
	6 & f	1.181	4.001	-6.793	9.444
	6 & m	-1.181	4.001	-9.498	6.728

Bayesian ANCOVA; WHODAS Mobility.

SUBTABLE 21. Model Comparison.

Models	P(M)	P(M data)	BFM	BF01	error %
EFA_FA_1 + EFA_FA_2	0.021	0.265	16.930	1.000	

Models	P(M)	P(M data)	BFM	BF01	error %
EFA_FA_1 + EFA_FA_2 + EFA_FA_3	0.021	0.236	14.528	1.122	3.377
EFA_FA_1 + EFA_FA_3	0.021	0.127	6.843	2.084	2.771
EFA_FA_1	0.021	0.117	6.227	2.264	4.254
EFA_FA_1 + EFA_FA_2 + EFA_FA_3 + EFA_FA_4	0.021	0.081	4.143	3.269	2.511
EFA_FA_1 + EFA_FA_2 + EFA_FA_4	0.021	0.080	4.093	3.306	2.614
EFA_FA_1 + EFA_FA_3 + EFA_FA_4	0.021	0.033	1.581	8.140	2.983
EFA_FA_1 + EFA_FA_4	0.021	0.026	1.271	10.058	3.145
DiagnoseCluster+ EFA_FA_1 + EFA_FA_2	0.021	0.009	0.416	30.217	3.262
DiagnoseCluster+ EFA_FA_1 + EFA_FA_2 + EFA_FA_3	0.021	0.008	0.387	32.432	2.563

Note. All best models include Sex, Age. Showing the best 10 out 48 models.

SUBTABLE 22. Analysis of Effects.

Effects	P(incl)	P(excl)	P(incl data)	P(excl data)	BFexcl
DiagnoseCluster	0.667	0.333	0.033	0.967	58.386
Sex x DiagnoseCluster	0.333	0.667	0.002	0.998	234.725
EFA_FA_1	0.500	0.500	0.998	0.002	0.002
EFA_FA_2	0.500	0.500	0.689	0.311	0.452

Effects	P(incl)	P(excl)	P(incl data)	P(excl data)	BFexcl
EFA_FA_3	0.500	0.500	0.495	0.505	1.020
EFA_FA_4	0.500	0.500	0.229	0.771	3.373

SUBTABLE 23. Model Averaged Posterior Summary.

Variable	Level	Mean	SD	95% Credible Interval Lower	95% Credible Interval Upper
Intercept		15.806	1.171	13.466	18.106
EFA_FA_1		5.876	1.542	2.827	8.934
EFA_FA_2		2.612	1.242	0.124	5.091
EFA_FA_3		2.237	1.334	-0.416	4.873
EFA_FA_4		-0.765	1.493	-3.763	2.210
Sex	f	3.306	1.194	0.911	5.648
	m	-3.306	1.194	-5.720	-0.948
Age		0.172	0.094	-0.023	0.316
DiagnoseCluster	1	-0.552	2.537	-5.683	4.504
	2	-0.771	2.266	-5.380	3.681
	3	0.981	1.789	-2.568	4.569
	4	0.311	2.251	-4.172	4.805
	6	0.030	2.703	-5.487	5.503
DiagnoseCluster x Sex	1 & f	-1.013	2.392	-6.100	3.552

Variable	Level	Mean	SD	95% Credible Interval Lower	95% Credible Interval Upper
	1 & m	1.013	2.392	-3.655	6.058
	2 & f	0.160	1.963	-3.760	4.147
	2 & m	-0.160	1.963	-4.155	3.732
	3 & f	0.071	1.622	-3.188	3.310
	3 & m	-0.071	1.622	-3.372	3.147
	4 & f	-0.268	2.057	-4.480	3.824
	4 & m	0.268	2.057	-3.883	4.422
	6 & f	1.050	2.366	-3.582	5.997
	6 & m	-1.050	2.366	-6.053	3.488

Bayesian ANCOVA; WHODAS Life Activity

SUBTABLE 24. Model Comparison.

Models	P(M)	P(M data)	BFM	BF01	error %
EFA_FA_1	0.021	0.392	30.260	1.000	
EFA_FA_1 + EFA_FA_2	0.021	0.242	15.020	1.617	3.099
EFA_FA_1 + EFA_FA_4	0.021	0.088	4.540	4.446	6.200
EFA_FA_1 + EFA_FA_2 + EFA_FA_4	0.021	0.077	3.948	5.054	4.858
EFA_FA_1 + EFA_FA_3	0.021	0.074	3.753	5.297	3.075

Models	P(M)	P(M data)	BFM	BF01	error %
EFA_FA_1 + EFA_FA_2 + EFA_FA_3	0.021	0.052	2.567	7.563	4.027
EFA_FA_1 + EFA_FA_3 + EFA_FA_4	0.021	0.018	0.854	21.949	2.818
EFA_FA_1 + EFA_FA_2 + EFA_FA_3 + EFA_FA_4	0.021	0.017	0.828	22.631	2.995
DiagnoseCluster+ EFA_FA_1	0.021	0.014	0.661	28.259	5.987
DiagnoseCluster+ EFA_FA_1 + EFA_FA_2	0.021	0.010	0.483	38.468	2.893

Note. All best models include Sex, Age. Showing the best 10 out 48 models.

SUBTABLE 25. Analysis of Effects.

Effects	P(incl)	P(excl)	P(incl data)	P(excl data)	BFexcl
DiagnoseCluster	0.667	0.333	0.040	0.960	48.394
Sex x DiagnoseCluster	0.333	0.667	0.004	0.996	127.770
EFA_FA_1	0.500	0.500	1.000	$\$1.175 \times 10^{-6}$	$\$1.175 \times 10^{-6}$
EFA_FA_2	0.500	0.500	0.407	0.593	1.460
EFA_FA_3	0.500	0.500	0.168	0.832	4.968
EFA_FA_4	0.500	0.500	0.209	0.791	3.794

SUBTABLE 26. Model Averaged Posterior Summary.

Variable	Level	Mean	SD	95% Credible Interval Lower	95% Credible Interval Upper
Intercept		15.475	1.087	13.270	17.602
EFA_FA_1		7.848	1.356	5.092	10.488
EFA_FA_2		1.811	1.148	-0.478	4.102
EFA_FA_3		0.191	1.248	-2.315	2.672
EFA_FA_4		-0.856	1.389	-3.650	1.861
Sex	f	0.982	1.079	-1.214	3.113
	m	-0.982	1.079	-3.151	1.126
Age		0.030	0.087	-0.188	0.170
DiagnoseCluster	1	-1.743	2.367	-6.690	2.857
	2	-0.193	2.060	-4.375	3.898
	3	0.721	1.631	-2.556	3.991
	4	0.892	2.083	-3.234	5.096
	6	0.322	2.508	-4.760	5.436
DiagnoseCluster x Sex	1 & f	-0.597	2.236	-5.272	3.772
	1 & m	0.597	2.236	-3.812	5.217
	2 & f	-1.416	1.874	-5.313	2.198

Variable	Level	Mean	SD	95% Credible Interval Lower	95% Credible Interval Upper
	2 & m	1.416	1.874	-2.256	5.254
	3 & f	-0.329	1.514	-3.442	2.655
	3 & m	0.329	1.514	-2.691	3.365
	4 & f	1.756	1.984	-2.065	5.921
	4 & m	-1.756	1.984	-5.980	2.054
	6 & f	0.586	2.199	-3.798	5.090
	6 & m	-0.586	2.199	-5.158	3.752

Bayesian ANCOVA; ICF Score

SUBTABLE 27. Model Comparison.

Models	P(M)	P(M data)	BFM	BF01	error %
EFA_FA_1 + EFA_FA_3	0.021	0.525	51.962	1.000	
EFA_FA_1 + EFA_FA_3 + EFA_FA_4	0.021	0.262	16.644	2.008	2.681
EFA_FA_1 + EFA_FA_2 + EFA_FA_3	0.021	0.071	3.607	7.367	2.355
EFA_FA_1 + EFA_FA_2 + EFA_FA_3 + EFA_FA_4	0.021	0.049	2.412	10.758	2.231
DiagnoseCluster+ EFA_FA_1 + EFA_FA_3	0.021	0.035	1.689	15.135	2.874

Models	P(M)	P(M data)	BFM	BF01	error %
DiagnoseCluster+ EFA_FA_1 + EFA_FA_3 + DiagnoseCluster\$ \times \$ Sex	0.021	0.024	1.171	21.604	2.620
DiagnoseCluster + EFA_FA_1 + EFA_FA_3 + EFA_FA_4	0.021	0.014	0.664	37.711	4.356
DiagnoseCluster+ EFA_FA_1 + EFA_FA_3 + EFA_FA_4 + DiagnoseCluster x Sex	0.021	0.008	0.365	68.061	9.962
DiagnoseCluster+ EFA_FA_1 + EFA_FA_2 + EFA_FA_3	0.021	0.005	0.249	99.609	4.272
DiagnoseCluster + EFA_FA_1 + EFA_FA_2 + EFA_FA_3 + DiagnoseCluster x Sex	0.021	0.004	0.178	139.189	6.617

Note. All best models include Sex, Age. Showing the best 10 out of 48 models.

SUBTABLE 28. Analysis of Effects.

Effects	P(incl)	P(excl)	P(incl data)	P(excl data)	BFexcl
DiagnoseCluster	0.667	0.333	0.093	0.907	19.430
Sex x DiagnoseCluster	0.333	0.667	0.037	0.963	13.012
EFA_FA_1	0.500	0.500	1.000	$\$5.646 \times 10^{-12}$	$\$5.646 \times 10^{-12}$
EFA_FA_2	0.500	0.500	0.133	0.867	6.531
EFA_FA_3	0.500	0.500	1.000	$\$3.037 \times 10^{-6}$	$\$3.037 \times 10^{-6}$
EFA_FA_4	0.500	0.500	0.336	0.664	1.980

SUBTABLE 29. Model Averaged Posterior Summary.

Variable	Level	Mean	SD	95% Credible Interval Lower	95% Credible Interval Upper
Intercept		37.715	1.372	34.914	40.417
EFA_FA_1		14.898	1.713	11.442	18.301
EFA_FA_2		0.704	1.621	-2.600	3.960
EFA_FA_3		8.923	1.592	5.727	12.062
EFA_FA_4		-2.648	1.672	-5.992	0.684
Sex	f	0.323	1.392	-2.456	3.016
	m	-0.323	1.392	-3.118	2.394
Age		0.108	0.112	-0.194	0.280
DiagnoseCluster	1	-2.735	3.150	-9.270	3.324
	2	-0.637	2.572	-5.934	4.407
	3	-0.246	2.083	-4.511	3.891
	4	1.194	2.552	-3.913	6.359
	6	2.424	3.305	-3.969	9.311
DiagnoseCluster x Sex	1 & f	-0.371	2.859	-6.254	5.221
	1 & m	0.371	2.859	-5.323	6.164

Variable	Level	Mean	SD	95% Credible Interval Lower	95% Credible Interval Upper
	2 & f	-4.803	2.670	-10.462	0.174
	2 & m	4.803	2.670	-0.279	10.348
	3 & f	1.545	1.946	-2.370	5.396
	3 & m	-1.545	1.946	-5.522	2.244
	4 & f	-0.012	2.445	-4.954	4.812
	4 & m	0.012	2.445	-4.898	4.905
	6 & f	3.641	3.120	-2.187	10.358
	6 & m	-3.641	3.120	-10.383	2.061

Bayesian ANCOVA; ICF KL

SUBTABLE 30. Model Comparison.

Models	P(M)	P(M data)	BFM	BF01	error %
EFA_FA_1 + EFA_FA_3	0.021	0.582	65.395	1.000	
EFA_FA_1 + EFA_FA_3 + EFA_FA_4	0.021	0.135	7.360	4.297	2.269
EFA_FA_1 + EFA_FA_2 + EFA_FA_3	0.021	0.116	6.144	5.033	2.091
EFA_FA_1 + EFA_FA_2 + EFA_FA_3 + EFA_FA_4	0.021	0.038	1.866	15.233	3.423
EFA_FA_1	0.021	0.037	1.831	15.519	21.748

Models	P(M)	P(M data)	BFM	BF01	error %
DiagnoseCluster+ EFA_FA_1 + EFA_FA_3	0.021	0.031	1.496	18.861	2.242
DiagnoseCluster+ EFA_FA_1 + EFA_FA_3 + DiagnoseCluster x Sex	0.021	0.017	0.826	33.708	4.486
DiagnoseCluster+ EFA_FA_1 + EFA_FA_3 + EFA_FA_4	0.021	0.008	0.396	69.695	2.400
EFA_FA_1 + EFA_FA_2	0.021	0.007	0.311	88.508	4.602
DiagnoseCluster+ EFA_FA_1 + EFA_FA_2 + EFA_FA_3	0.021	0.006	0.288	95.437	2.652

Note. All best models include Sex, Age. Showing the best 10 out 48 models.

SUBTABLE 31. Analysis of Effects.

Effects	P(incl)	P(excl)	P(incl data)	P(excl data)	BFexcl
DiagnoseCluster	0.667	0.333	0.078	0.922	23.741
Sex x DiagnoseCluster	0.333	0.667	0.028	0.972	17.269
EFA_FA_1	0.500	0.500	1.000	5.894×10^{-8}	5.894×10^{-8}
EFA_FA_2	0.500	0.500	0.176	0.824	4.698
EFA_FA_3	0.500	0.500	0.945	0.055	0.059
EFA_FA_4	0.500	0.500	0.197	0.803	4.069

SUBTABLE 32. Model Averaged Posterior Summary.

Variable	Level	Mean	SD	95% Credible Interval Lower	95% Credible Interval Upper
Intercept		11.556	0.618	10.319	12.799
EFA_FA_1		5.009	0.782	3.438	6.566
EFA_FA_2		0.401	0.718	-1.039	1.821
EFA_FA_3		2.196	0.715	0.747	3.605
EFA_FA_4		-0.538	0.745	-2.055	0.932
Sex	f	0.164	0.617	-1.083	1.379
	m	-0.164	0.617	-1.424	1.054
Age		0.054	0.050	-0.053	0.139
DiagnoseCluster	1	-0.819	1.318	-3.543	1.749
	2	0.573	1.157	-1.745	2.918
	3	-0.414	0.919	-2.271	1.403
	4	-0.195	1.137	-2.529	2.044
	6	0.854	1.446	-1.996	3.825
DiagnoseCluster x Sex	1 & f	-0.244	1.268	-2.874	2.256
	1 & m	0.244	1.268	-2.269	2.840
	2 & f	-1.997	1.194	-4.535	0.213
	2 & m	1.997	1.194	-0.253	4.515
	3 & f	0.865	0.866	-0.869	2.627
	3 & m	-0.865	0.866	-2.677	0.825

Variable	Level	Mean	SD	95% Credible Interval Lower	95% Credible Interval Upper
	4 & f	-0.048	1.082	-2.257	2.116
	4 & m	0.048	1.082	-2.161	2.192
	6 & f	1.424	1.381	-1.146	4.381
	6 & m	-1.424	1.381	-4.391	1.108

Bayesian ANCOVA; ICF SW.

SUBTABLE 33. Model Comparison.

Models	P(M)	P(M data)	BFM	BF01	error %
EFA_FA_1 + EFA_FA_3 + EFA_FA_4	0.021	0.303	20.390	1.000	
EFA_FA_1 + EFA_FA_2 + EFA_FA_3	0.021	0.177	10.122	1.707	2.145
EFA_FA_1 + EFA_FA_3	0.021	0.174	9.927	1.735	2.903
EFA_FA_1 + EFA_FA_2 + EFA_FA_3 + EFA_FA_4	0.021	0.152	8.409	1.994	2.158
DiagnoseCluster+ EFA_FA_1 + EFA_FA_3	0.021	0.055	2.736	5.500	2.729
DiagnoseCluster+ EFA_FA_1 + EFA_FA_3 + EFA_FA_4	0.021	0.040	1.980	7.485	3.013
DiagnoseCluster+ EFA_FA_1 + EFA_FA_2 + EFA_FA_3	0.021	0.027	1.295	11.280	2.256

Models	P(M)	P(M data)	BFM	BF01	error %
DiagnoseCluster+ EFA_FA_1 + EFA_FA_3 + DiagnoseCluster x Sex	0.021	0.026	1.268	11.518	2.729
DiagnoseCluster + EFA_FA_1 + EFA_FA_2 + EFA_FA_3 + DiagnoseCluster x Sex	0.021	0.014	0.650	22.179	3.180
DiagnoseCluster+ EFA_FA_1 + EFA_FA_3 + EFA_FA_4 + DiagnoseCluster x Sex	0.021	0.014	0.645	22.362	2.590

Note. All best models include Sex, Age. Showing the best 10 out 48 models.

SUBTABLE 34. Analysis of Effects.

Effects	P(incl)	P(excl)	P(incl data)	P(excl data)	BFexcl
DiagnoseCluster	0.667	0.333	0.194	0.806	8.318
Sex x DiagnoseCluster	0.333	0.667	0.058	0.942	8.080
EFA_FA_1	0.500	0.500	1.000	$\$1.807 \times 10^{-13}$	$\$1.807 \times 10^{-13}$
EFA_FA_2	0.500	0.500	0.388	0.612	1.580
EFA_FA_3	0.500	0.500	1.000	$\$2.689 \times 10^{-4}$	$\$2.689 \times 10^{-4}$
EFA_FA_4	0.500	0.500	0.526	0.474	0.899

SUBTABLE 35. Model Averaged Posterior Summary.

Variable	Level	Mean	SD	95% Credible Interval Lower	95% Credible Interval Upper
Intercept		15.272	0.537	14.165	16.301
EFA_FA_1		6.271	0.713	4.813	7.685
EFA_FA_2		-1.079	0.628	-2.333	0.169
EFA_FA_3		2.820	0.609	1.603	4.020
EFA_FA_4		-1.312	0.663	-2.623	0.027
Sex	f	0.228	0.546	-0.876	1.306
	m	-0.228	0.546	-1.324	0.847
Age		0.023	0.043	-0.085	0.086
DiagnoseCluster	1	-0.822	1.253	-3.368	1.655
	2	-1.407	1.046	-3.590	0.589
	3	0.708	0.822	-0.948	2.327
	4	1.169	1.022	-0.841	3.264
	6	0.352	1.250	-2.129	2.914
DiagnoseCluster x Sex	1 & f	0.189	1.067	-1.927	2.366
	1 & m	-0.189	1.067	-2.420	1.898
	2 & f	-1.650	1.004	-3.784	0.214
	2 & m	1.650	1.004	-0.218	3.768
	3 & f	0.741	0.735	-0.727	2.240
	3 & m	-0.741	0.735	-2.279	0.663

Variable	Level	Mean	SD	95% Credible Interval Lower	95% Credible Interval Upper
	4 & f	0.227	0.919	-1.626	2.061
	4 & m	-0.227	0.919	-2.108	1.600
	6 & f	0.493	1.091	-1.629	2.777
	6 & m	-0.493	1.091	-2.799	1.601

Bayesian ANCOVA; ICF SK.

SUBTABLE 36. Model Comparison.

Models	P(M)	P(M data)	BFM	BF01	error %
EFA_FA_1 + EFA_FA_2 + EFA_FA_3	0.021	0.361	26.595	1.000	
EFA_FA_1 + EFA_FA_2 + EFA_FA_3 + EFA_FA_4	0.021	0.245	15.251	1.475	2.832
EFA_FA_1 + EFA_FA_3	0.021	0.185	10.651	1.956	2.986
EFA_FA_1 + EFA_FA_3 + EFA_FA_4	0.021	0.057	2.822	6.379	10.195
DiagnoseClusteri + EFA_FA_1 + EFA_FA_3	0.021	0.055	2.721	6.603	50.535
DiagnoseCluster+ EFA_FA_1 + EFA_FA_2 + EFA_FA_3	0.021	0.044	2.154	8.246	6.963
DiagnoseCluster+ EFA_FA_1 + EFA_FA_2 + EFA_FA_3 + EFA_FA_4	0.021	0.023	1.127	15.426	3.425
DiagnoseCluster+ EFA_FA_1 + EFA_FA_2 + EFA_FA_3 + DiagnoseCluster x Sex	0.021	0.010	0.468	36.679	2.985

Models	P(M)	P(M data)	BFM	BF01	error %
DiagnoseCluster + EFA_FA_1 + EFA_FA_3 + EFA_FA_4	0.021	0.007	0.348	49.110	2.962
DiagnoseCluster + EFA_FA_1 + EFA_FA_3 + DiagnoseCluster x Sex	0.021	0.007	0.328	52.188	3.047

Note. All best models include Sex, Age. Showing the best 10 out 48 models.

SUBTABLE 37. Analysis of Effects.

Effects	P(incl)	P(excl)	P(incl data)	P(excl data)	BFexcl
DiagnoseCluster	0.667	0.333	0.152	0.848	11.138
EFA_FA_1	0.500	0.500	1.000	$\$8.014 \times 10^{-5}$	$\$8.015 \times 10^{-5}$
EFA_FA_2	0.500	0.500	0.688	0.312	0.454
EFA_FA_3	0.500	0.500	1.000	$\$1.334 \times 10^{-8}$	$\$1.334 \times 10^{-8}$
EFA_FA_4	0.500	0.500	0.338	0.662	1.954
Sex x DiagnoseCluster	0.333	0.667	0.023	0.977	21.392

SUBTABLE 38. Model Averaged Posterior Summary.

Variable	Level	Mean	SD	95% Credible Interval Lower	95% Credible Interval Upper
Intercept		10.862	0.496	9.863	11.847

Variable	Level	Mean	SD	95% Credible Interval Lower	95% Credible Interval Upper
EFA_FA_1		3.318	0.675	1.966	4.646
EFA_FA_2		1.361	0.578	0.210	2.511
EFA_FA_3		3.817	0.576	2.660	4.958
EFA_FA_4		-0.919	0.627	-2.174	0.322
Sex	f	-0.134	0.504	-1.178	0.852
	m	0.134	0.504	-0.885	1.130
Age		0.029	0.040	-0.071	0.104
DiagnoseCluster	1	-1.138	1.135	-3.463	1.060
	2	-0.029	0.978	-2.039	1.888
	3	-0.550	0.764	-2.091	0.953
	4	0.218	0.935	-1.662	2.090
	6	1.499	1.245	-0.850	4.133
DiagnoseCluster x Sex	1 & f	-0.328	1.014	-2.462	1.631
	1 & m	0.328	1.014	-1.662	2.421
	2 & f	-0.958	0.916	-2.890	0.761
	2 & m	0.958	0.916	-0.787	2.857
	3 & f	-0.092	0.693	-1.501	1.264
	3 & m	0.092	0.693	-1.295	1.470
	4 & f	-0.127	0.874	-1.930	1.624

Variable	Level	Mean	SD	95% Credible Interval Lower	95% Credible Interval Upper
	4 & m	0.127	0.874	-1.638	1.889
	6 & f	1.505	1.149	-0.599	3.977
	6 & m	-1.505	1.149	-4.004	0.558

Alternative Diagnoses Grouping

Bayesian ANCOVA; WHODAS Total Score (WHODAS_complex_Score_without_Work).

SUBTABLE 39. Model Comparison.

Models	P(M)	P(M data)	BFM	BF01	error %
EFA_FA_1 + EFA_FA_3	0.031	0.425	22.873	1.000	0.005
EFA_FA_1 + EFA_FA_3 + EFA_FA_4	0.031	0.256	10.650	1.660	0.005
EFA_FA_1 + EFA_FA_2 + EFA_FA_3	0.031	0.088	2.980	4.842	0.005
EFA_FA_1 + EFA_FA_2 + EFA_FA_3 + EFA_FA_4	0.031	0.086	2.907	4.952	0.005
EFA_FA_1	0.031	0.060	1.975	7.089	0.005
alternativediagnosecluster + EFA_FA_1 + EFA_FA_3	0.031	0.024	0.756	17.831	0.522
EFA_FA_1 + EFA_FA_4	0.031	0.019	0.611	21.951	0.005
EFA_FA_1 + EFA_FA_2	0.031	0.013	0.417	31.955	0.005

Models	P(M)	P(M data)	BFM	BF01	error %
alternativediagnosecluster + EFA_FA_1 + EFA_FA_3 + EFA_FA_4	0.031	0.008	0.264	50.293	0.463
EFA_FA_1 + EFA_FA_2 + EFA_FA_4	0.031	0.007	0.228	58.201	0.005

Note. All best models include Sex, Age. Showing the best 10 out 48 models.

SUBTABLE 40. Analysis of Effects.

Effects	P(incl)	P(excl)	P(incl data)	P(excl data)	BFexcl
alternativediagnosecluster	0.500	0.500	0.046	0.954	20.522
EFA_FA_1	0.500	0.500	1.000	$\$5.117 \times 10^{-13}$	$\$5.117 \times 10^{-13}$
EFA_FA_2	0.500	0.500	0.205	0.795	3.874
EFA_FA_3	0.500	0.500	0.896	0.104	0.116
EFA_FA_4	0.500	0.500	0.381	0.619	1.624

SUBTABLE 41. Model Averaged Posterior Summary.

Variable	Level	Mean	SD	95% Credible Interval Lower	95% Credible Interval Upper
Intercept		26.202	0.829	24.498	27.835
EFA_FA_1		8.772	1.101	6.529	10.954

Variable	Level	Mean	SD	95% Credible Interval Lower	95% Credible Interval Upper
EFA_FA_2		1.032	0.935	-0.832	2.902
EFA_FA_3		2.775	0.951	0.891	4.674
EFA_FA_4		-1.396	1.166	-3.721	0.930
Age		0.184	0.068	0.046	0.319
alternativediagnosecluster	1	-2.363	2.037	-6.571	1.589
	2	-0.851	1.656	-4.257	2.384
	3	0.226	1.384	-2.557	2.982
	4	0.113	1.652	-3.252	3.383
	6	-0.091	1.995	-4.191	3.873
	12	0.795	2.298	-3.720	5.530
	13	2.171	2.346	-2.286	7.210

Bayesian ANCOVA; ICF Score.

SUBTABLE 42. Model Comparison.

Models	P(M)	P(M data)	BFM	BF01	error %
EFA_FA_1 + EFA_FA_3	0.031	0.524	34.088	1.000	
EFA_FA_1 + EFA_FA_3 + EFA_FA_4	0.031	0.282	12.157	1.859	0.001
EFA_FA_1 + EFA_FA_2 + EFA_FA_3	0.031	0.071	2.361	7.401	0.001

Models	P(M)	P(M data)	BFM	BF01	error %
EFA_FA_1 + EFA_FA_2 + EFA_FA_3 + EFA_FA_4	0.031	0.051	1.682	10.174	0.002
alternativediagnosecluster + EFA_FA_1 + EFA_FA_3	0.031	0.044	1.412	12.020	0.807
alternativediagnosecluster + EFA_FA_1 + EFA_FA_3 + EFA_FA_4	0.031	0.024	0.778	21.603	0.771
EFA_FA_1	0.031	0.016	0.529	31.751	0.001
EFA_FA_1 + EFA_FA_4	0.031	0.016	0.525	32.029	0.002
EFA_FA_1 + EFA_FA_2	0.031	0.010	0.334	50.316	0.001
EFA_FA_1 + EFA_FA_2 + EFA_FA_4	0.031	0.007	0.231	72.880	0.002

Note. All best models include Sex, Age. Showing the best 10 out 48 models.

SUBTABLE 43. Analysis of Effects.

Effects	P(incl)	P(excl)	P(incl data)	P(excl data)	BFexcl
alternativediagnosecluster	0.500	0.500	0.071	0.929	13.111
EFA_FA_1	0.500	0.500	1.000	$\$2.314 \times 10^{-14}$	$\$2.314 \times 10^{-14}$
EFA_FA_2	0.500	0.500	0.170	0.830	4.881
EFA_FA_3	0.500	0.500	0.965	0.035	0.036
EFA_FA_4	0.500	0.500	0.400	0.600	1.498

SUBTABLE 44. Model Averaged Posterior Summary.

Variable	Level	Mean	SD	95% Credible Interval Lower	95% Credible Interval Upper
Intercept		37.755	1.378	34.939	40.485
EFA_FA_1		15.110	1.761	11.621	18.618
EFA_FA_2		0.540	1.583	-2.571	3.633
EFA_FA_3		8.878	1.637	5.568	12.062
EFA_FA_4		-2.678	1.697	-6.077	0.612
Age		0.108	0.111	-0.111	0.334
alternativediagnosecluster	1	-0.322	3.518	-7.262	6.467
	2	-1.144	2.923	-7.039	4.582
	3	-0.630	2.553	-5.732	4.416
	4	0.380	2.937	-5.462	6.074
	6	1.635	3.486	-5.253	8.428
	12	0.618	3.737	-6.744	7.915
	13	0.840	3.765	-6.505	8.165

ASR SPECTRA

Bayesian ANCOVA; WHODAS total score without work

SUBTABLE 45. Model Comparison.

Models	P(M)	P(M data)	BFM	BF01	error %
ASR_Internalizing	0.083	0.765	35.896	1.000	

Models	P(M)	P(M data)	BFM	BF01	error %
ASR_Internalizing + ASR_Externalizing	0.083	0.180	2.413	4.255	14.148
DiagnoseCluster + ASR_Internalizing	0.083	0.037	0.426	20.553	14.154
DiagnoseCluster + ASR_Internalizing + ASR_Externalizing	0.083	0.013	0.141	60.669	14.150
DiagnoseCluster + ASR_Internalizing + DiagnoseCluster x Sex	0.083	0.003	0.038	222.976	14.168
DiagnoseCluster + ASR_Internalizing + ASR_Externalizing + DiagnoseCluster x Sex	0.083	0.001	0.015	550.319	14.151
DiagnoseCluster + ASR_Externalizing	0.083	6.554×10^{-11}	7.210×10^{-10}	1.168×10^{-10}	14.154
DiagnoseCluster + ASR_Externalizing + DiagnoseCluster x Sex	0.083	1.960×10^{-11}	2.156×10^{-10}	3.905×10^{-10}	14.952
ASR_Externalizing	0.083	5.845×10^{-12}	6.429×10^{-11}	1.310×10^{-11}	14.138
DiagnoseCluster	0.083	5.674×10^{-17}	6.241×10^{-16}	1.349×10^{-16}	15.025

Note. All best models include Sex, Age. Showing the best 10 out 48 models.

SUBTABLE 46. Analysis of Effects.

Effects	P(incl)	P(excl)	P(incl data)	P(excl data)	BFexcl
DiagnoseCluster	0.667	0.333	0.055	0.945	34.575
ASR_ Internalizing	0.500	0.500	1.000	$\$9.099 \times 10^{-11}$	$\$9.099 \times 10^{-11}$
ASR_ Externalizing	0.500	0.500	0.194	0.806	4.158
Sex x DiagnoseCluster	0.333	0.667	0.005	0.995	103.154

SUBTABLE 47. Model Averaged Posterior Summary.

Variable	Level	Mean	SD	95% Credible Interval Lower	95% Credible Interval Upper
Intercept		26.761	0.844	25.059	28.442
ASR_ Internalizing		0.628	0.069	0.471	0.726
ASR_ Externalizing		0.113	0.106	-0.122	0.304
Age		0.122	0.063	-0.031	0.214
Sex	f	-0.054	0.838	-1.736	1.595
	m	0.054	0.838	-1.618	1.709
DiagnoseCluster	1	-1.869	1.861	-5.787	1.724
	2	-0.597	1.575	-3.766	2.522
	3	1.159	1.249	-1.327	3.652
	4	0.457	1.618	-2.762	3.685
	6	0.850	2.017	-3.093	4.992

Variable	Level	Mean	SD	95% Credible Interval Lower	95% Credible Interval Upper
DiagnoseCluster x Sex	1 & f	-0.693	1.758	-4.417	2.712
	1 & m	0.693	1.758	-2.734	4.374
	2 & f	-1.091	1.437	-4.071	1.660
	2 & m	1.091	1.437	-1.694	4.061
	3 & f	0.589	1.163	-1.744	2.902
	3 & m	-0.589	1.163	-2.953	1.701
	4 & f	0.391	1.497	-2.625	3.409
	4 & m	-0.391	1.497	-3.479	2.566
	6 & f	0.805	1.749	-2.603	4.478
	6 & m	-0.805	1.749	-4.539	2.544

Bayesian ANOVA; ASR SPECTRA ICF Score

SUBTABLE 48. Model Comparison.

Models	P(M)	P(M data)	BFM	BF01	error %
ASR_Internalizing	0.083	0.652	20.652	1.000	
ASR_Internalizing + ASR_Externalizing	0.083	0.228	3.256	2.857	3.390
DiagnoseCluster + ASR_Internalizing	0.083	0.060	0.699	10.919	3.369

Models	P(M)	P(M data)	BFM	BF01	error %
DiagnoseCluster + ASR_Internalizing + DiagnoseCluster x Sex	0.083	0.026	0.293	25.147	3.571
DiagnoseCluster + ASR_Internalizing + ASR_Externalizing	0.083	0.021	0.237	30.950	3.393
DiagnoseCluster + ASR_Internalizing + ASR_Externalizing + DiagnoseCluster x Sex	0.083	0.012	0.138	52.806	3.414
DiagnoseCluster + ASR_Externalizing + DiagnoseCluster x Sex	0.083	$\$3.584 \times 10^{-9}$	$\$3.942 \times 10^{-8}$	$\$1.821 \times 10^{-8}$	3.436
DiagnoseCluster + ASR_Externalizing	0.083	$\$1.216 \times 10^{-9}$	$\$1.338 \times 10^{-8}$	$\$5.366 \times 10^{-8}$	3.455
ASR_Externalizing	0.083	$\$4.081 \times 10^{-10}$	$\$4.489 \times 10^{-9}$	$\$1.599 \times 10^{-9}$	3.346
DiagnoseCluster + DiagnoseCluster x Sex	0.083	$\$3.698 \times 10^{-14}$	$\$4.068 \times 10^{-13}$	$\$1.765 \times 10^{-13}$	4.739

Note. All best models include Sex, Age. Showing the best 10 out 48 models.

SUBTABLE 49. Analysis of Effects.

Effects	P(incl)	P(excl)	P(incl data)	P(excl data)	BFexcl
DiagnoseCluster	0.667	0.333	0.119	0.881	14.787

Effects	P(incl)	P(excl)	P(incl data)	P(excl data)	BFexcl
ASR_Internalizing	0.500	0.500	1.000	5.208×10^{-9}	5.208×10^{-9}
ASR_Externalizing	0.500	0.500	0.262	0.738	2.819
Sex x DiagnoseCluster	0.333	0.667	0.038	0.962	12.554

SUBTABLE 50. Model Averaged Posterior Summary.

Variable	Level	Mean	SD	95% Credible Interval Lower	95% Credible Interval Upper
Intercept		37.839	1.518	34.802	40.809
ASR_Internalizing		1.005	0.129	0.715	1.221
ASR_Externalizing		0.251	0.184	-0.145	0.612
Age		-0.139	0.113	-0.410	0.069
Sex	f	-0.572	1.501	-3.636	2.375
	m	0.572	1.501	-2.423	3.583
DiagnoseCluster	1	-2.913	3.292	-9.830	3.352
	2	-0.856	2.870	-6.785	4.736
	3	-1.805	2.265	-6.332	2.689
	4	1.374	2.825	-4.266	7.064
	6	4.200	3.738	-3.004	12.072
DiagnoseCluster x Sex	1 & f	-1.421	3.199	-8.177	4.763

Variable	Level	Mean	SD	95% Credible Interval Lower	95% Credible Interval Upper
	1 & m	1.421	3.199	-4.835	8.086
	2 & f	-4.931	2.981	-11.274	0.540
	2 & m	4.931	2.981	-0.659	11.224
	3 & f	0.545	2.119	-3.680	4.843
	3 & m	-0.545	2.119	-4.863	3.585
	4 & f	2.120	2.709	-3.205	7.682
	4 & m	-2.120	2.709	-7.732	3.100
	6 & f	3.687	3.524	-2.948	11.298
	6 & m	-3.687	3.524	-11.392	2.802

Cognition

Bayesian ANCOVA; SCIP

SUBTABLE 51. Model Comparison.

Models	P(M)	P(M data)	BFM	BF01	error %
EFA_FA_1 + EFA_FA_2	0.021	0.114	6.074	1.000	
DiagnoseCluster	0.021	0.073	3.728	1.557	3.067
DiagnoseCluster + EFA_FA_1 + EFA_FA_2	0.021	0.071	3.592	1.612	2.409
DiagnoseCluster + EFA_FA_1	0.021	0.057	2.831	2.015	2.388
Null model (incl. Sex, Age)	0.021	0.047	2.302	2.451	1.707

Models	P(M)	P(M data)	BFM	BF01	error %
EFA_FA_1 + EFA_FA_2 + EFA_FA_4	0.021	0.045	2.204	2.555	2.828
EFA_FA_2	0.021	0.039	1.925	2.909	2.331
EFA_FA_1 + EFA_FA_2 + EFA_FA_3	0.021	0.037	1.781	3.135	2.257
EFA_FA_1	0.021	0.035	1.722	3.238	2.219
DiagnoseCluster + DiagnoseCluster x Sex	0.021	0.033	1.607	3.461	2.537

Note. All best models include Sex, Age. Showing the best 10 out 48 models.

SUBTABLE 52. Analysis of Effects.

Effects	P(incl)	P(excl)	P(incl data)	P(excl data)	BFexcl
DiagnoseCluster	0.667	0.333	0.581	0.419	1.441
Sex x DiagnoseCluster	0.333	0.667	0.166	0.834	2.517
EFA_FA_1	0.500	0.500	0.594	0.406	0.684
EFA_FA_2	0.500	0.500	0.552	0.448	0.813
EFA_FA_3	0.500	0.500	0.237	0.763	3.216
EFA_FA_4	0.500	0.500	0.266	0.734	2.753

SUBTABLE 53. Model Averaged Posterior Summary.

Variable	Level	Mean	SD	95% Credible Interval Lower	95% Credible Interval Upper
Intercept		-0.718	0.073	-0.860	-0.572
DiagnoseCluster	1	0.129	0.163	-0.193	0.464
	2	-0.248	0.138	-0.530	0.019
	3	-0.056	0.102	-0.262	0.146
	4	0.263	0.140	-0.008	0.549
	6	-0.089	0.162	-0.426	0.228
EFA_FA_1		0.149	0.083	-0.017	0.315
EFA_FA_2		-0.125	0.074	-0.275	0.021
EFA_FA_3		-0.034	0.075	-0.185	0.115
EFA_FA_4		0.043	0.089	-0.137	0.218
Sex	f	-0.004	0.069	-0.143	0.137
	m	0.004	0.069	-0.139	0.140
Age		-0.012	0.005	-0.026	-0.004
DiagnoseCluster x Sex	1 & f	0.003	0.151	-0.304	0.311
	1 & m	-0.003	0.151	-0.315	0.301
	2 & f	0.048	0.113	-0.179	0.277
	2 & m	-0.048	0.113	-0.279	0.176
	3 & f	-0.141	0.095	-0.338	0.044

Variable	Level	Mean	SD	95% Credible Interval Lower	95% Credible Interval Upper
	3 & m	0.141	0.095	-0.046	0.335
	4 & f	0.142	0.124	-0.097	0.400
	4 & m	-0.142	0.124	-0.405	0.094
	6 & f	-0.051	0.135	-0.335	0.211
	6 & m	0.051	0.135	-0.215	0.331

Bayesian ANCOVA; Alternative Diagnoses Grouping, SCIP

SUBTABLE 54. Model Comparison.

Models	P(M)	P(M data)	BFM	BF01	error %
EFA_FA_1 + EFA_FA_2	0.031	0.120	4.232	1.000	
alternativediagnosecluster	0.031	0.113	3.933	1.067	5.825
alternativediagnosecluster + EFA_FA_1 + EFA_FA_2	0.031	0.074	2.477	1.623	0.674
alternativediagnosecluster + EFA_FA_1	0.031	0.060	1.972	2.008	0.676
Null model (incl. Age)	0.031	0.055	1.803	2.185	0.012
EFA_FA_1 + EFA_FA_2 + EFA_FA_4	0.031	0.048	1.565	2.499	0.015
alternativediagnosecluster + EFA_FA_2	0.031	0.048	1.560	2.507	0.657
EFA_FA_2	0.031	0.044	1.414	2.753	0.015

Models	P(M)	P(M data)	BFM	BF01	error %
alternativediagnosecluster + EFA_FA_1 + EFA_FA_2 + EFA_FA_4	0.031	0.040	1.299	2.986	0.552
alternativediagnosecluster + EFA_FA_4	0.031	0.039	1.258	3.081	0.726

Note. All best models include Sex, Age. Showing the best 10 out 48 models.

SUBTABLE 55. Analysis of Effects.

Effects	P(incl)	P(excl)	P(incl data)	P(excl data)	BFexcl
alternativediagnosecluster	0.500	0.500	0.549	0.451	0.821
EFA_FA_1	0.500	0.500	0.548	0.452	0.824
EFA_FA_2	0.500	0.500	0.558	0.442	0.793
EFA_FA_3	0.500	0.500	0.228	0.772	3.377
EFA_FA_4	0.500	0.500	0.296	0.704	2.384

SUBTABLE 56. Model Averaged Posterior Summary

Variable	Level	Mean	SD	95% Credible Interval Lower	95% Credible Interval Upper
Intercept		-0.762	0.076	-0.920	-0.616
EFA_FA_1		0.124	0.082	-0.038	0.290
EFA_FA_2		-0.108	0.072	-0.255	0.033

Variable	Level	Mean	SD	95% Credible Interval Lower	95% Credible Interval Upper
EFA_FA_3		-0.028	0.074	-0.177	0.117
EFA_FA_4		0.079	0.089	-0.099	0.257
Age		-0.012	0.005	-0.023	-0.002
alternativediagnosecluster	1	0.131	0.169	-0.207	0.474
	2	-0.189	0.139	-0.469	0.085
	3	0.123	0.113	-0.100	0.350
	4	0.315	0.151	0.022	0.625
	6	-0.018	0.166	-0.352	0.313
	12	-0.151	0.197	-0.563	0.225
	13	-0.210	0.203	-0.642	0.174

Bayesian ANCOVA; ASR SCALES, SCIP

SUBTABLE 57. Model Comparison.

Models	P(M)	P(M data)	BFM	BF01	error %
DiagnoseCluster + ASR_ Internalizing	0.083	0.247	3.600	1.000	
DiagnoseCluster	0.083	0.145	1.870	1.697	2.591
ASR_ Internalizing	0.083	0.116	1.439	2.132	2.274

Models	P(M)	P(M data)	BFM	BF01	error %
DiagnoseCluster + ASR_ Internalizing + DiagnoseCluster x Sex	0.083	0.107	1.315	2.310	2.276
DiagnoseCluster + ASR_ Internalizing + ASR_ Externalizing	0.083	0.104	1.272	2.379	2.398
DiagnoseCluster + DiagnoseCluster x Sex	0.083	0.064	0.753	3.851	2.861
Null model (incl. Sex, Age)	0.083	0.061	0.718	4.023	1.695
DiagnoseCluster + ASR_ Internalizing + ASR_ Externalizing + DiagnoseCluster x Sex	0.083	0.054	0.632	4.541	2.472
ASR_ Internalizing + ASR_ Externalizing	0.083	0.046	0.528	5.380	2.410
DiagnoseCluster + ASR_ Externalizing	0.083	0.031	0.347	8.060	2.428

Note. All best models include Sex, Age. Showing the best 10 out 48 models.

SUBTABLE 58. Analysis of Effects.

Effects	P(incl)	P(excl)	P(incl data)	P(excl data)	BFexcl
DiagnoseCluster	0.667	0.333	0.764	0.236	0.617
ASR_ Internalizing	0.500	0.500	0.673	0.327	0.486
ASR_ Externalizing	0.500	0.500	0.260	0.740	2.842
Sex x DiagnoseCluster	0.333	0.667	0.238	0.762	1.600

SUBTABLE 59. Model Averaged Posterior Summary.

Variable	Level	Mean	SD	95% Credible Interval Lower	95% Credible Interval Upper
Intercept		-0.763	0.074	-0.910	-0.613
ASR_ Internalizing		0.011	0.005	-4.651×10^{-4}	0.021
ASR_Externalizing		-0.006	0.009	-0.025	0.010
Age		-0.016	0.005	-0.028	-0.009
Sex	f	-0.020	0.070	-0.158	0.123
	m	0.020	0.070	-0.125	0.155
DiagnoseCluster	1	0.181	0.162	-0.134	0.516
	2	-0.243	0.133	-0.516	0.016
	3	-0.093	0.099	-0.296	0.103
	4	0.276	0.136	0.010	0.554
	6	-0.122	0.166	-0.464	0.199
DiagnoseCluster x Sex	1 & f	0.011	0.153	-0.299	0.324
	1 & m	-0.011	0.153	-0.329	0.292
	2 & f	0.079	0.112	-0.142	0.306
	2 & m	-0.079	0.112	-0.309	0.140
	3 & f	-0.143	0.092	-0.336	0.034
	3 & m	0.143	0.092	-0.037	0.332
	4 & f	0.121	0.121	-0.115	0.371

Variable	Level	Mean	SD	95% Credible Interval Lower	95% Credible Interval Upper
	4 & m	-0.121	0.121	-0.377	0.112
	6 & f	-0.068	0.137	-0.360	0.195
	6 & m	0.068	0.137	-0.199	0.355

Social Cognition

Bayesian ANCOVA; EQ-10

SUBTABLE 60. Model Comparison.

Models	P(M)	P(M data)	BFM	BF01	error %
EFA_FA_3 + EFA_FA_4	0.021	0.219	13.158	1.000	
EFA_FA_3	0.021	0.195	11.376	1.122	2.655
EFA_FA_2 + EFA_FA_3	0.021	0.166	9.380	1.315	6.003
EFA_FA_2 + EFA_FA_3 + EFA_FA_4	0.021	0.111	5.864	1.972	2.654
EFA_FA_1 + EFA_FA_3	0.021	0.069	3.509	3.148	2.686
EFA_FA_1 + EFA_FA_3 + EFA_FA_4	0.021	0.068	3.448	3.201	2.627
EFA_FA_1 + EFA_FA_2 + EFA_FA_3	0.021	0.047	2.302	4.685	3.746
EFA_FA_1 + EFA_FA_2 + EFA_FA_3 + EFA_FA_4	0.021	0.033	1.610	6.604	2.767
DiagnoseCluster+ EFA_FA_3 + EFA_FA_4	0.021	0.020	0.955	10.984	2.544

Models	P(M)	P(M data)	BFM	BF01	error %
DiagnoseCluster + EFA_FA_2 + EFA_FA_3	0.021	0.016	0.763	13.690	3.012

Note. All best models include Sex, Age. Showing the best 10 out of 48 models.

SUBTABLE 61. Analysis of Effects.

Effects	P(incl)	P(excl)	P(incl data)	P(excl data)	BFexcl
DiagnoseCluster	0.667	0.333	0.091	0.909	19.867
EFA_FA_1	0.500	0.500	0.240	0.760	3.165
EFA_FA_2	0.500	0.500	0.403	0.597	1.479
EFA_FA_3	0.500	0.500	1.000	1.765×10^{-5}	1.765×10^{-5}
EFA_FA_4	0.500	0.500	0.484	0.516	1.068
Sex x DiagnoseCluster	0.333	0.667	0.011	0.989	45.820

SUBTABLE 61. Model Averaged Posterior Summary.

Variable	Level	Mean	SD	95% Credible Interval Lower	95% Credible Interval Upper
Intercept		9.776	0.278	9.195	10.308
EFA_FA_1		0.204	0.336	-0.480	0.870
EFA_FA_2		0.399	0.289	-0.181	0.973
EFA_FA_3		-1.578	0.316	-2.220	-0.955
EFA_FA_4		0.556	0.350	-0.136	1.254

Variable	Level	Mean	SD	95% Credible Interval Lower	95% Credible Interval Upper
Sex	f	0.535	0.281	-0.033	1.091
	m	-0.535	0.281	-1.109	0.013
Age		-0.014	0.021	-0.067	0.016
DiagnoseCluster	1	-0.013	0.685	-1.431	1.325
	2	-0.396	0.527	-1.468	0.637
	3	0.258	0.436	-0.612	1.126
	4	0.661	0.563	-0.435	1.812
	6	-0.511	0.647	-1.867	0.746
	DiagnoseCluster x Sex	1 & f	0.465	0.603	-0.682
	1 & m	-0.465	0.603	-1.767	0.657
	2 & f	-0.204	0.481	-1.196	0.739
	2 & m	0.204	0.481	-0.746	1.183
	3 & f	-0.033	0.389	-0.823	0.733
	3 & m	0.033	0.389	-0.760	0.816
	4 & f	0.310	0.503	-0.690	1.353
	4 & m	-0.310	0.503	-1.365	0.672
	6 & f	-0.539	0.607	-1.857	0.593
	6 & m	0.539	0.607	-0.596	1.840

Bayesian ANCOVA; Alternative Diagnoses Grouping, EQ-10

SUBTABLE 62. Model Comparison.

Models	P(M)	P(M data)	BFM	BF01	error %
EFA_FA_2 + EFA_FA_3	0.031	0.238	9.698	1.000	
EFA_FA_3	0.031	0.235	9.538	1.013	0.007
EFA_FA_1 + EFA_FA_3	0.031	0.115	4.012	2.080	0.008
EFA_FA_3 + EFA_FA_4	0.031	0.114	3.989	2.090	0.008
EFA_FA_2 + EFA_FA_3 + EFA_FA_4	0.031	0.086	2.930	2.759	0.008
EFA_FA_1 + EFA_FA_2 + EFA_FA_3	0.031	0.079	2.669	3.006	0.009
EFA_FA_1 + EFA_FA_3 + EFA_FA_4	0.031	0.054	1.778	4.393	0.010
EFA_FA_1 + EFA_FA_2 + EFA_FA_3 + EFA_FA_4	0.031	0.031	0.997	7.644	0.010
alternativediagnosecluster + EFA_FA_2 + EFA_FA_3	0.031	0.015	0.466	16.102	0.678
alternativediagnosecluster + EFA_FA_3	0.031	0.008	0.238	31.335	0.856

Note. All best models include Sex, Age. Showing the best 10 out 48 models.

SUBTABLE 63. Analysis of Effects.

Effects	P(incl)	P(excl)	P(incl data)	P(excl data)	BFexcl
alternativediagnosecluster	0.500	0.500	0.047	0.953	20.393
EFA_FA_1	0.500	0.500	0.292	0.708	2.426
EFA_FA_2	0.500	0.500	0.463	0.537	1.161

Effects	P(incl)	P(excl)	P(incl data)	P(excl data)	BFexcl
EFA_FA_3	0.500	0.500	1.000	$\$2.667 \times 10^{-5}$	$\$2.667 \times 10^{-5}$
EFA_FA_4	0.500	0.500	0.302	0.698	2.312

SUBTABLE 64. Model Averaged Posterior Summary.

Variable	Level	Mean	SD	95% Credible Interval Lower	95% Credible Interval Upper
Intercept		9.742	0.278	9.173	10.286
EFA_FA_1		0.265	0.357	-0.455	0.973
EFA_FA_2		0.543	0.295	-0.056	1.128
EFA_FA_3		-1.565	0.319	-2.211	-0.942
EFA_FA_4		0.422	0.388	-0.352	1.193
Age		-0.016	0.022	-0.060	0.027
alternativediagnosecluster	1	0.076	0.652	-1.266	1.366
	2	-0.503	0.550	-1.632	0.579
	3	0.114	0.460	-0.800	1.034
	4	0.617	0.570	-0.492	1.789
	6	-0.292	0.655	-1.637	0.989
	12	-0.380	0.771	-1.994	1.114
	13	0.368	0.759	-1.113	1.954

Bayesian ANCOVA; ASR SCALES; EQ-10

SUBTABLE 65. Model Comparison.

Models	P(M)	P(M data)	BFM	BF01	error %
Null model (incl. Sex, Age)	0.083	0.566	14.319	1.000	
ASR_Internalizing	0.083	0.187	2.522	3.032	2.113
ASR_Externalizing	0.083	0.138	1.764	4.093	2.008
ASR_Internalizing + ASR_Externalizing	0.083	0.061	0.711	9.311	9.028
DiagnoseCluster	0.083	0.025	0.286	22.343	2.349
DiagnoseCluster + ASR_Internalizing	0.083	0.008	0.091	68.999	1.661
DiagnoseCluster + ASR_Externalizing	0.083	0.006	0.067	93.726	1.681
DiagnoseCluster + DiagnoseCluster x Sex	0.083	0.004	0.045	137.612	2.641
DiagnoseCluster + ASR_Internalizing + ASR_Externalizing	0.083	0.003	0.028	220.592	1.610
DiagnoseCluster + ASR_Internalizing + DiagnoseCluster x Sex	0.083	0.001	0.015	419.989	5.878

Note. All best models include Sex, Age. Showing the best 10 out 48 models.

SUBTABLE 66. Analysis of Effects.

Effects	P(incl)	P(excl)	P(incl data)	P(excl data)	BFexcl
DiagnoseCluster	0.667	0.333	0.049	0.951	38.808

Effects	P(incl)	P(excl)	P(incl data)	P(excl data)	BFexcl
ASR_Internalizing	0.500	0.500	0.260	0.740	2.850
ASR_Externalizing	0.500	0.500	0.209	0.791	3.785
Sex x DiagnoseCluster	0.333	0.667	0.007	0.993	71.912

SUBTABLES 67. Model Averaged Posterior Summary.

Variable	Level	Mean	SD	95% Credible Interval Lower	95% Credible Interval Upper
Intercept		9.633	0.285	9.047	10.194
ASR_Internalizing		-0.017	0.022	-0.067	0.023
ASR_Externalizing		-0.006	0.031	-0.070	0.055
Sex	f	0.557	0.280	0.002	1.121
	m	-0.557	0.280	-1.124	-0.015
Age		-0.007	0.020	-0.064	0.035
DiagnoseCluster	1	0.121	0.620	-1.112	1.375
	2	-0.158	0.535	-1.253	0.911
	3	0.131	0.426	-0.723	0.993
	4	0.505	0.565	-0.606	1.651
	6	-0.599	0.682	-2.020	0.713
DiagnoseCluster x Sex	1 & f	0.691	0.659	-0.531	2.115
	1 & m	-0.691	0.659	-2.131	0.517

Variable	Level	Mean	SD	95% Credible Interval Lower	95% Credible Interval Upper
	2 & f	-0.124	0.508	-1.167	0.880
	2 & m	0.124	0.508	-0.893	1.160
	3 & f	-0.016	0.405	-0.833	0.788
	3 & m	0.016	0.405	-0.797	0.822
	4 & f	0.218	0.530	-0.842	1.300
	4 & m	-0.218	0.530	-1.313	0.825
	6 & f	-0.769	0.672	-2.228	0.447
	6 & m	0.769	0.672	-0.462	2.208

Bayesian ANCOVA; ToMI:SR Adult

SUBTABLE 68. Model Comparison.

Models	P(M)	P(M data)	BFM	BF01	error %
Null model (incl. Sex, Age)	0.021	0.140	7.654	1.000	
EFA_FA_3	0.021	0.118	6.299	1.185	2.810
EFA_FA_1 + EFA_FA_3	0.021	0.074	3.746	1.897	2.847
EFA_FA_1	0.021	0.047	2.330	2.965	2.932
EFA_FA_3 + EFA_FA_4	0.021	0.042	2.070	3.320	2.908
EFA_FA_2 + EFA_FA_3	0.021	0.040	1.976	3.470	3.095
EFA_FA_4	0.021	0.040	1.950	3.516	3.435

Models	P(M)	P(M data)	BFM	BF01	error %
EFA_FA_2	0.021	0.039	1.899	3.606	2.878
EFA_FA_1 + EFA_FA_2 + EFA_FA_3	0.021	0.030	1.465	4.634	6.290
EFA_FA_1 + EFA_FA_3 + EFA_FA_4	0.021	0.028	1.363	4.969	2.971

Note. All best models include Sex, Age. Showing the best 10 out 48 models.

SUBTABLE 69. Analysis of Effects.

Effects	P(incl)	P(excl)	P(incl data)	P(excl data)	BFexcl
DiagnoseCluster	0.667	0.333	0.317	0.683	4.302
Sex x DiagnoseCluster	0.333	0.667	0.145	0.855	2.950
EFA_FA_1	0.500	0.500	0.381	0.619	1.625
EFA_FA_2	0.500	0.500	0.260	0.740	2.843
EFA_FA_3	0.500	0.500	0.539	0.461	0.856
EFA_FA_4	0.500	0.500	0.268	0.732	2.734

SUBTABLE 70. Model Averaged Posterior Summary.

Variable	Level	Mean	SD	95% Credible Interval Lower	95% Credible Interval Upper
Intercept		13.705	0.369	12.957	14.431
EFA_FA_3		-0.585	0.371	-1.343	0.142
EFA_FA_1		0.451	0.440	-0.408	1.351
EFA_FA_2		-0.060	0.387	-0.840	0.702

Variable	Level	Mean	SD	95% Credible Interval Lower	95% Credible Interval Upper
EFA_FA_4		0.064	0.406	-0.759	0.866
Sex	f	0.215	0.361	-0.500	0.931
	m	-0.215	0.361	-0.960	0.495
Age		0.006	0.029	-0.055	0.064
DiagnoseCluster	1	0.146	0.737	-1.318	1.635
	2	0.030	0.719	-1.405	1.481
	3	-0.233	0.531	-1.307	0.810
	4	1.012	0.692	-0.330	2.443
	6	-0.956	0.821	-2.709	0.578
DiagnoseCluster x Sex	1 & f	0.213	0.690	-1.162	1.616
	1 & m	-0.213	0.690	-1.640	1.146
	2 & f	0.003	0.690	-1.399	1.393
	2 & m	-0.003	0.690	-1.417	1.369
	3 & f	-0.564	0.509	-1.608	0.415
	3 & m	0.564	0.509	-0.442	1.595
	4 & f	1.121	0.679	-0.160	2.542
	4 & m	-1.121	0.679	-2.559	0.136
	6 & f	-0.773	0.746	-2.392	0.586
	6 & m	0.773	0.746	-0.613	2.369

Bayesian ANCOVA; Alternative Diagnoses Grouping, ToMI:SR Adult

SUBTABLE 71. Model Comparison.

Models	P(M)	P(M data)	BFM	BF01	error %
Null model (incl. Age)	0.031	0.172	6.457	1.000	
EFA_FA_3	0.031	0.152	5.573	1.131	0.006
EFA_FA_1 + EFA_FA_3	0.031	0.104	3.612	1.652	0.005
EFA_FA_1	0.031	0.063	2.089	2.730	0.008
EFA_FA_3 + EFA_FA_4	0.031	0.050	1.638	3.434	0.011
EFA_FA_2 + EFA_FA_3	0.031	0.050	1.627	3.457	0.011
EFA_FA_2	0.031	0.048	1.577	3.561	0.010
EFA_FA_4	0.031	0.048	1.559	3.600	0.010
EFA_FA_1 + EFA_FA_2 + EFA_FA_3	0.031	0.041	1.327	4.199	0.004
EFA_FA_1 + EFA_FA_3 + EFA_FA_4	0.031	0.038	1.219	4.555	0.004

Note. All best models include Sex, Age. Showing the best 10 out 48 models.

SUBTABLE 72. Analysis of Effects.

Effects	P(incl)	P(excl)	P(incl data)	P(excl data)	BFexcl
altnerativediagnosecluster	0.500	0.500	0.127	0.873	6.905
EFA_FA_1	0.500	0.500	0.376	0.624	1.663
EFA_FA_2	0.500	0.500	0.257	0.743	2.891
EFA_FA_3	0.500	0.500	0.544	0.456	0.839

Effects	P(incl)	P(excl)	P(incl data)	P(excl data)	BFexcl
EFA_FA_4	0.500	0.500	0.254	0.746	2.932

SUBTABLE 73. Model Averaged Posterior Summary.

Variable	Level	Mean	SD	95% Credible Interval Lower	95% Credible Interval Upper
Intercept		13.665	0.363	12.920	14.386
EFA_FA_3		-0.614	0.371	-1.366	0.113
EFA_FA_1		0.562	0.432	-0.294	1.428
EFA_FA_2		-0.036	0.393	-0.837	0.734
EFA_FA_4		0.068	0.434	-0.806	0.929
Age		0.001	0.030	-0.058	0.062
alternativediagnosecluster	1	0.066	0.741	-1.438	1.545
	2	-0.006	0.733	-1.485	1.464
	3	-0.103	0.582	-1.279	1.049
	4	1.030	0.703	-0.334	2.479
	6	-0.860	0.817	-2.614	0.670
	12	0.489	1.103	-1.630	2.872
	13	-0.617	0.933	-2.607	1.148

Bayesian ANCOVA; ASR SCALES; ToMI:SR Adult.

SUBTABLE 74. Model Comparison.

Models	P(M)	P(M data)	BFM	BF01	error %
Null model (incl. Sex, Age)	0.083	0.454	9.152	1.000	
ASR_Externalizing	0.083	0.137	1.751	3.307	1.983
ASR_Internalizing	0.083	0.122	1.524	3.732	2.064
DiagnoseCluster	0.083	0.078	0.924	5.858	3.796
DiagnoseCluster + DiagnoseCluster x Sex	0.083	0.051	0.596	8.843	3.483
ASR_Internalizing + ASR_Externalizing	0.083	0.047	0.547	9.586	2.286
DiagnoseCluster + ASR_Externalizing	0.083	0.031	0.349	14.756	2.001
DiagnoseCluster + ASR_Internalizing	0.083	0.025	0.285	17.957	1.800
DiagnoseCluster + ASR_Externalizing + DiagnoseCluster x Sex	0.083	0.019	0.211	24.119	4.284
DiagnoseCluster + ASR_Internalizing + DiagnoseCluster x Sex	0.083	0.017	0.195	26.023	2.474

Note. All best models include Sex, Age. Showing the best 10 out of 48 models.

SUBTABLE 75. Analysis of Effects.

Effects	P(incl)	P(excl)	P(incl data)	P(excl data)	BFexcl
DiagnoseCluster	0.667	0.333	0.239	0.761	6.353
ASR_Internalizing	0.500	0.500	0.230	0.770	3.348
ASR_Externalizing	0.500	0.500	0.253	0.747	2.960

Effects	P(incl)	P(excl)	P(incl data)	P(excl data)	BFexcl
Sex x DiagnoseCluster	0.333	0.667	0.095	0.905	4.782

SUBTABLE 76. Model Averaged Posterior Summary.

Variable	Level	Mean	SD	95% Credible Interval Lower	95% Credible Interval Upper
Intercept		13.652	0.352	12.917	14.346
ASR_Internalizing		0.002	0.026	-0.054	0.051
ASR_Externalizing		0.019	0.036	-0.054	0.092
Age		0.004	0.027	-0.066	0.053
Sex	f	0.239	0.344	-0.442	0.931
	m	-0.239	0.344	-0.937	0.440
DiagnoseCluster	1	0.106	0.684	-1.249	1.488
	2	0.056	0.697	-1.342	1.457
	3	-0.194	0.503	-1.206	0.808
	4	0.935	0.672	-0.353	2.320
	6	-0.903	0.780	-2.553	0.565
DiagnoseCluster x Sex	1 & f	0.241	0.672	-1.098	1.621
	1 & m	-0.241	0.672	-1.633	1.081
	2 & f	0.023	0.672	-1.338	1.388
	2 & m	-0.023	0.672	-1.403	1.322

Variable	Level	Mean	SD	95% Credible Interval Lower	95% Credible Interval Upper
	3 & f	-0.477	0.490	-1.476	0.475
	3 & m	0.477	0.490	-0.490	1.464
	4 & f	0.995	0.653	-0.225	2.373
	4 & m	-0.995	0.653	-2.395	0.210
	6 & f	-0.783	0.734	-2.357	0.579
	6 & m	0.783	0.734	-0.588	2.346