

Supplemental Material B. Putatively harmonized Item names, item descriptions, model modifications, and item-response theory parameter estimates for pre-alignment and post-alignment data.

Item Name	Item Description
DEP1	Dysphoria ≥ 2 weeks
DEP2	Dysphoria ≥ 2 weeks (screener)
DEP5	Dysphoric mood (depression)
DEP6	Anhedonia ≥ 2 weeks
DEP7	Anhedonia ≥ 2 weeks (screener)
DEP8	Ever had dysphoria ≥ 1 week
DEP9	Ever had irritable mood ≥ 1 week
DEP10	Ever had anhedonia ≥ 1 week
DEP11	Changes in weight or appetite
DEP12	Changes in sleep
DEP13	Change in appetite, weight, sleep, or difficulty concentrating
DEP14	Anxious state
DEP15	Ever had anxiety ≥ 1 week
DEP16	Psychomotor agitation or retardation
DEP17	Psychomotor retardation (stand-alone)
DEP18	Loss of energy or fatigue
DEP19	Feelings of worthlessness or inappropriate guilt
DEP21	Feelings of worthlessness
DEP22	Inappropriate guilt
DEP23	Impaired Concentration or Indecisiveness
DEP24	Impaired Concentration
DEP25	Altered libido
DEP26	Indecisiveness
DEP27	Suicidality (All)
DEP29	Self-harm
DEP31	Worthlessness, guilt, or suicidality
MAN2	Elevated, expansive, or irritable mood, no time restriction (parcel)
MAN3	Elevated or expansive mood ≥ 3 days (manic)
MAN5	Elevated, expansive, or irritable mood lasted ≥ 1 week (manic)
MAN6	Decreased need for sleep ≥ 3 days (manic)
MAN7	Decreased need for sleep (manic)
MAN8	Inflated self-esteem or grandiosity (manic)

Item Name	Item Description
MAN9	More talkative than usual or pressured speech (manic)
MAN10	Racing thoughts (manic)
MAN11	Distractability (manic)
MAN12	Increased goal-directed activity or psychomotor agitation (manic)
MAN13	Increased goal-directed activity (manic)
MAN14	Psychomotor agitation (manic)
MAN15	Excessive involvement in risky activities (manic)
MAN16	More talkative than usual, increased goal-directed activity, or involvement in risky activities
MAN17	Increased sociability
MAN18	Overly excited and hard to converse with (manic)
DEL1	Any delusions
DEL2	Delusions of jealousy
DEL3	Delusions of guilt
DEL4	Religious delusions
DEL5	Persecutory delusions
DEL7	Grandiose delusions
DEL8	Delusions of mind reading
DEL9	Somatic/Nihilistic delusions
DEL10	Thought insertion
DEL11	Thought withdrawal
DEL13	Thought echo
DEL14	Thought broadcast
DEL18	Delusions of influence/reference
DEL19	Delusions of passivity/being controlled
DEL20	Delusions of poverty
DEL22	Other delusions (any, stand-alone)
HAL1	Auditory or visual hallucinations
HAL2	Auditory hallucinations (stand-alone)
HAL3	Running commentary
HAL5	Voices conversing
HAL6	Voices conversing about patient
HAL7	Commanding, accusatory, abusive, or persecutory voices
HAL8	Neutral voices or non-verbal hallucinations
HAL27	Somatic or Tactile hallucinations
HAL28	Olfactory hallucinations
HAL30	Visual hallucinations
HAL31	Other hallucinations (any)

Item Name	Item Description
ORG1	Any thought disorder, disorganization, or catatonia
ORG2	Bizarre clothing and/or appearance
ORG3	Bizarre behavior and/or clothing
ORG4	Bizarre social and sexual behavior
ORG5	Ritualistic or stereotyped behavior
ORG6	Aggressive and agitated behavior
ORG8	Inappropriate affect
ORG9	Derailment
ORG11	Incoherence
ORG12	Positive formal thought disorder
ORG13	Loosening of associations
ORG14	Tangentiality
ORG15	Disorganized speech (incoherent, disturbed, illogical)
ORG19	Circumstantiality
ORG20	Pressure of speech

Model Modifications

After estimating models defined as above in each sample, we modified the models in the following ways. Items involving suicide or suicidal ideation were parceled to yield a summed score, where a score of zero indicates no suicidality and scores greater than zero indicate increasing severity of suicidality. All weight and appetite changes were parceled into a single variable by taking the maximum value of the component variables, such that the resulting composite represents the severity or duration (depending on the instrument) of the most severe or longest change in weight or appetite; this parcelling was repeated separately for all sleep changes and all psychomotor changes (agitation and retardation), yielding two additional composites for those sets of symptoms. The two core manic symptoms, elevated or expansive mood and irritable mood, were also parceled into a single variable, where the lowest value (zero) indicates that the patient experienced neither symptom, a score of one indicates that the patient experienced either elevated/expansive

mood or irritable mood, and a score of two indicates that the patient experienced both elevated/expansive and irritable mood. Two additional modifications were made to the DI-PAD/OPCRIT items: all mania symptoms were dichotomized, and some positive psychosis symptoms were collapsed to three categories to match the remaining positive psychosis symptoms.

The following Supplemental Tables provide pre- and post-alignment IRT parameters as follows:

- Table SB1a. Depression, pre-alignment
- Table SB1b. Depression, post-alignment
- Table SB2a. Mania, pre-alignment
- Table SB2b. Mania, post-alignment
- Table SB3a. Delusions, pre-alignment
- Table SB3b. Delusions, post-alignment
- Table SB4a. Hallucinations, pre-alignment
- Table SB4b. Hallucinations, post-alignment
- Table SB5a. Disorganization, pre-alignment
- Table SB5b. Disorganization, post-alignment

Item Name	CASH Dutch Schizophrenia Unrelated Probands			DIGS & MINI Colombia/Costa Rica		DIGS Pennsylvania			GPC Screener & DI-PAD Pato Bipolar				GPC Screener & DI-PAD Pato Control	
	a1	d1	d2	a1	d1	a1	d1	d2	a1	d1	d2	d3	a1	d1
DEP1				3.50	-1.96									
DEP2									1.96	2.64			5.17	-6.03
DEP5	2.94	2.05												
DEP6				2.75	-1.26									
DEP7									1.69	2.49			5.80	-6.96
DEP8				23.64	-11.05	8.63	-1.50		3.71	5.33				
DEP9				3.91	-3.32				1.05	1.26				
DEP10				23.23	-11.97	5.37	-2.22		6.20	7.51	2.87			
DEP11	1.27	0.12				1.27	-0.06	-2.40	2.19	2.45	2.27	1.19		
DEP12	1.54	0.65		10.74	-5.97	5.85	-2.31		2.90	3.76	3.17	1.30		
DEP13									1.69	2.49			6.94	-8.34
DEP14	0.71	-1.15		7.75	-5.43									
DEP15				10.57	-6.80									
DEP16	1.31	0.42		19.78	-10.84	4.04	-3.11							
DEP17									2.74	2.47	0.78			
DEP18	1.90	1.29		16.54	-8.94	5.37	-1.95		5.83	6.51	2.45			
DEP19	1.43	0.27				2.38	-2.71							
DEP21				5.95	-4.55	4.92	-3.20							
DEP22				6.10	-5.12	4.36	-3.04		2.56	2.22	0.72			
DEP23	1.68	1.02		16.63	-9.26	4.33	-2.35							
DEP24						2.54	-3.22		4.26	4.75	1.72			
DEP25									0.97	0.99	-2.94			
DEP26														
DEP27	1.28	0.43	-1.78	3.09	-1.67	3.64	-3.20		1.10	1.10	-0.05	-0.77		
DEP29						2.74	-4.31							
DEP31									1.42	1.59			4.69	-7.11

Table SB1a. Pre-alignment parameter estimates for depression.

Item Name	GPC Screener & DI-PAD Pato Other Patients			GPC Screener & DI-PAD Pato Schizophrenia				MINI Texas			SCID & CASH Dutch Bipolar				
	a1	d1	d2	a1	d1	d2	d3	a1	d1	d2	a1	d1	d2	d3	d4
DEP1								8.81	-2.26		4.61	6.82			
DEP2	4.85	-1.93		2.08	-0.14										
DEP5															
DEP6								5.39	-2.56		4.57	6.52			
DEP7	4.58	-2.16		2.05	-0.23										
DEP8	9.19	-4.46		7.80	-1.08										
DEP9	3.48	-3.03		3.63	-1.73										
DEP10	11.00	-6.26	-9.10	9.15	-2.74	-3.86	-5.63								
DEP11	6.62	-4.33	-5.50	6.06	-2.48	-2.80	-3.56	7.09	-3.40		1.26	0.85			
DEP12	8.70	-5.25	-7.55	7.47	-2.43	-3.34	-4.62	7.16	-3.31		1.89	2.01			
DEP13	4.81	-2.18		1.89	-0.27										
DEP14															
DEP15															
DEP16								4.66	-3.12		1.90	1.85			
DEP17	4.97	-4.08	-5.07	4.69	-2.50	-2.90	-4.08								
DEP18	12.09	-7.09	-10.14	5.78	-2.36	-2.99	-4.56	5.65	-3.00		2.08	2.52			
DEP19								4.60	-3.12						
DEP21											1.66	0.68			
DEP22	6.00	-4.71	-5.88	2.13	-2.06	-2.26	-2.82				1.26	-0.50			
DEP23								4.99	-3.43						
DEP24	9.63	-6.35	-8.56	9.23	-3.52	-4.23	-5.91				2.55	2.35			
DEP25	3.96	-3.35		3.41	-1.95	-6.69									
DEP26											1.60	0.62			
DEP27	3.56	-3.14	-4.91	3.61	-1.62	-2.48	-4.97	2.31	-2.48	-3.79	1.30	0.88	0.08	-1.13	-2.22
DEP29															
DEP31	3.83	-2.47		2.01	-0.75										

Table SB1a (continued). Pre-alignment parameter estimates for depression.

Item Name	SCID Psychosis in Finland			SCID Finnish Schizophrenia	
	a1	d1	d2	a.1	d.1
DEP1	6.74	0.32		6.33	-3.06
DEP2					
DEP5					
DEP6	10.38	-1.62		6.38	-3.67
DEP7					
DEP8					
DEP9					
DEP10					
DEP11	2.70	-2.10		3.22	-3.85
DEP12	3.67	-0.95		4.69	-3.43
DEP13					
DEP14					
DEP15					
DEP16	4.54	-2.34		4.44	-4.58
DEP17					
DEP18	3.92	-1.26		5.28	-4.11
DEP19				4.27	-4.11
DEP21	3.70	-3.14			
DEP22	2.35	-3.02			
DEP23				6.09	-5.15
DEP24	4.05	-3.91			
DEP25					
DEP26	3.56	-4.42			
DEP27	3.23	-2.62	-4.03	3.20	-3.51
DEP29					
DEP31					

Table SB1a (continued). Pre-alignment parameter estimates for depression.

Item Name	CASH Dutch Schizophrenia Unrelated Probands			DIGS & MINI Colombia/Costa Rica		DIGS Pennsylvania			GPC Screener & DI-PAD Pato Bipolar				GPC Screener & DI-PAD Pato Control	
	a1	d1	d2	a1	d1	a1	d1	d2	a1	d1	d2	d3	a1	d1
DEP1				0.41	-0.01									
DEP2									0.87	0.55			0.85	0.76
DEP5	2.94	2.05												
DEP6				0.33	0.28									
DEP7									0.75	0.68			0.96	0.65
DEP8				2.80	2.18	2.81	2.85		1.65	1.37				
DEP9				0.46	-1.13				0.47	0.14				
DEP10				2.75	1.02	1.75	0.49		2.76	0.90	-3.74			
DEP11	1.27	0.12				0.41	0.58	-1.76	0.97	0.12	-0.06	-1.14		
DEP12	1.54	0.65		1.27	0.03	1.90	0.64		1.29	0.66	0.07	-1.80		
DEP13									0.75	0.69			1.14	0.76
DEP14	0.71	-1.15		0.92	-1.10									
DEP15				1.25	-0.90									
DEP16	1.31	0.42		2.34	0.22	1.31	-1.07							
DEP17									1.22	-0.46	-2.14			
DEP18	1.90	1.29		1.96	0.31	1.74	0.76		2.59	0.29	-3.77			
DEP19	1.43	0.27				0.77	-1.51							
DEP21				0.70	-1.23	1.60	-0.71							
DEP22				0.72	-1.71	1.42	-0.84		1.14	-0.52	-2.01			
DEP23	1.68	1.02		1.97	0.04	1.41	-0.17							
DEP24						0.83	-1.93		1.89	0.21	-2.82			
DEP25									0.43	-0.04	-3.98			
DEP26														
DEP27	1.28	0.43	-1.78	0.37	0.06	1.18	-1.36		0.49	-0.07	-1.22	-1.95		
DEP29						0.89	-2.92							
DEP31									0.63	0.08			0.77	-0.95

Table SB1b. Post-alignment parameter estimates for depression.

Item Name	GPC Screener & DI-PAD Pato Other Patients			GPC Screener & DI-PAD Pato Schizophrenia				MINI Texas			SCID & CASH Dutch Bipolar				
	a1	d1	d2	a1	d1	d2	d3	a1	d1	d2	a1	d1	d2	d3	d4
DEP1								2.71	2.63		3.81	2.91			
DEP2	0.86	1.25		0.44	0.71										
DEP5															
DEP6								1.66	0.43		3.78	2.65			
DEP7	0.82	0.84		0.43	0.61										
DEP8	1.64	1.56		1.64	2.11										
DEP9	0.62	-0.75		0.76	-0.24										
DEP10	1.96	0.95	-1.89	1.92	1.01	-0.11	-1.88								
DEP11	1.18	0.00	-1.17	1.27	0.00	-0.32	-1.08	2.18	0.53		1.04	-0.21			
DEP12	1.55	0.45	-1.84	1.57	0.63	-0.28	-1.56	2.20	0.66		1.56	0.41			
DEP13	0.86	0.97		0.40	0.51										
DEP14															
DEP15															
DEP16								1.43	-0.53		1.57	0.24			
DEP17	0.89	-0.82	-1.81	0.99	-0.58	-0.98	-2.16								
DEP18	2.15	0.84	-2.22	1.21	0.00	-0.62	-2.19	1.74	0.13		1.72	0.76			
DEP19								1.42	-0.57						
DEP21											1.37	-0.72			
DEP22	1.07	-0.79	-1.95	0.45	-1.19	-1.39	-1.95				1.04	-1.57			
DEP23								1.53	-0.66						
DEP24	1.71	-0.04	-2.25	1.94	0.26	-0.45	-2.13				2.11	0.20			
DEP25	0.71	-0.75		0.72	-0.56	-5.29									
DEP26											1.32	-0.73			
DEP27	0.63	-0.81	-2.57	0.76	-0.14	-1.00	-3.49	0.71	-1.20	-2.51	1.07	-0.22	-1.01	-2.22	-3.32
DEP29															
DEP31	0.68	0.04		0.42	0.07										

Table SB1b (continued). Post-alignment parameter estimates for depression.

Item Name	SCID Psychosis in Finland			SCID Finnish Schizophrenia	
	a1	d1	d2	a1	d1
DEP1	2.86	3.22		2.10	2.48
DEP2					
DEP5					
DEP6	4.41	2.85		2.12	1.91
DEP7					
DEP8					
DEP9					
DEP10					
DEP11	1.14	-0.94		1.07	-1.03
DEP12	1.56	0.63		1.55	0.67
DEP13					
DEP14					
DEP15					
DEP16	1.93	-0.39		1.47	-0.70
DEP17					
DEP18	1.66	0.42		1.75	0.51
DEP19				1.42	-0.37
DEP21	1.57	-1.55			
DEP22	1.00	-2.01			
DEP23				2.02	0.18
DEP24	1.72	-2.17			
DEP25					
DEP26	1.51	-2.89			
DEP27	1.37	-1.23	-2.64	1.06	-0.71
DEP29					
DEP31					

Table SB1b (continued). Post-alignment parameter estimates for depression.

Item Name	CASH Dutch Schizophrenia Unrelated Probands		DIGS & MINI Colombia/Costa Rica			GPC Screener & DI-PAD Pato Bipolar		GPC Screener & DI-PAD Pato Other Patients		
	a1	d1	a1	d1	d2	a1	d1	a1	d1	d2
MAN2	4.97	-2.81	9.20	-3.72	-6.33			10.09	-9.55	-12.79
MAN3						2.09	3.79	3.79	-2.62	
MAN5										
MAN6						1.74	2.65	3.25	-2.98	
MAN7	3.23	-1.99	48.33	-37.29		0.95	1.95	6.96	-8.05	
MAN8	2.50	-1.40	7.63	-6.58		0.66	0.64	5.81	-8.34	
MAN9	2.29	-2.01	47.19	-36.26		0.82	2.76	12.36	-13.46	
MAN10	2.22	-0.69	46.36	-36.12		0.58	3.23	21.07	-22.79	
MAN11	1.32	-0.78	49.64	-38.34		0.50	2.21	10.74	-11.80	
MAN12			22.45	-15.18						
MAN13	3.38	-1.71				0.94	2.76	12.75	-14.03	
MAN14										
MAN15	1.95	-1.81	11.63	-9.37		0.57	1.98	7.24	-8.63	
MAN16						2.30	3.41	3.62	-3.07	
MAN17						0.83	1.44	8.30	-9.97	
MAN18			8.87	-7.99						

Table SB2a. Pre-alignment parameter estimates for mania.

Item Name	GPC Screener & DI-PAD Pato Schizoaffective			SCID & CASH Dutch Bipolar			SCID Finnish Schizophrenia	
	a1	d1	d2	a1	d1	d2	a1	d1
MAN2	5.88	3.09	-0.27					
MAN3	1.79	1.46						
MAN5							26.72	-39.13
MAN6	1.61	0.91						
MAN7	4.26	0.64		1.79	3.04		9.88	-15.79
MAN8	3.29	0.01		1.17	2.76		9.16	-14.47
MAN9	6.92	1.65		1.57	3.19		10.62	-17.56
MAN10	8.95	3.05		1.04	2.04		10.20	-16.01
MAN11	6.04	1.60		0.98	1.68		8.56	-13.84
MAN12							19.03	-30.09
MAN13	7.32	1.89		0.85	1.69			
MAN14				0.56	0.18			
MAN15	5.69	1.25		0.80	0.63	0.38	6.65	-11.62
MAN16	1.71	1.05						
MAN17	3.94	0.08						
MAN18								

Table SB2a (continued). Pre-alignment parameter estimates for mania.

Item Name	CASH Dutch Schizophrenia Unrelated Probands		DIGS & MINI Colombia/Costa Rica			GPC Screener & DI-PAD Pato Bipolar		GPC Screener & DI-PAD Pato Other Patients		
	a1	d1	a1	d1	d2	a1	d1	a1	d1	d2
MAN2	4.97	-2.81	0.62	3.20	0.59			2.35	0.68	-2.55
MAN3						7.14	-4.89	0.88	1.22	
MAN5										
MAN6						5.96	-4.59	0.76	0.31	
MAN7	3.23	-1.99	3.24	-0.97		3.26	-2.02	1.62	-0.99	
MAN8	2.50	-1.40	0.51	-0.84		2.24	-2.08	1.35	-2.45	
MAN9	2.29	-2.01	3.16	-0.79		2.80	-0.65	2.88	-0.93	
MAN10	2.22	-0.69	3.10	-1.28		1.98	0.82	4.91	-1.43	
MAN11	1.32	-0.78	3.32	-1.03		1.70	0.14	2.50	-0.92	
MAN12			1.50	1.69						
MAN13	3.38	-1.71				3.21	-1.14	2.97	-1.10	
MAN14										
MAN15	1.95	-1.81	0.78	-0.63		1.95	-0.40	1.69	-1.29	
MAN16						7.85	-6.14	0.84	0.59	
MAN17						2.85	-2.02	1.93	-1.55	
MAN18			0.59	-1.32						

Table SB2b. Post-alignment parameter estimates for mania.

Item Name	GPC Screener & DI-PAD Pato Schizoaffective			SCID & CASH Dutch Bipolar			SCID Finnish Schizophrenia	
	a1	d1	d2	a1	d1	d2	a1	d1
MAN2	2.40	0.63	-2.74					
MAN3	0.73	0.71						
MAN5							7.85	0.98
MAN6	0.66	0.24						
MAN7	1.74	-1.14		3.29	-1.90		2.90	-0.96
MAN8	1.34	-1.37		2.15	-0.47		2.69	-0.71
MAN9	2.82	-1.25		2.89	-1.14		3.12	-1.62
MAN10	3.65	-0.70		1.91	-0.83		3.00	-0.70
MAN11	2.46	-0.94		1.80	-1.03		2.52	-0.99
MAN12							5.59	-1.52
MAN13	2.98	-1.18		1.56	-0.65			
MAN14				1.03	-1.36			
MAN15	2.32	-1.13		1.48	-1.59	-1.84	1.95	-1.65
MAN16	0.70	0.33						
MAN17	1.61	-1.57						
MAN18								

Table SB2b (continued). Post-alignment parameter estimates for mania.

Item Name	CASH Dutch Schizophrenia Unrelated Proband		GPC Screener & DI-PAD Pato Bipolar			GPC Screener & DI-PAD Pato Schizophrenia			GPC Screener & DI-PAD Pato Schizo affective		
	a1	d1	a1	d1	d2	a1	d1	d2	a1	d1	d2
DEL1			1.71	0.20		0.89	1.45		0.80	1.81	
DEL2	0.53	-2.15									
DEL3	0.59	-0.97	1.81	-2.89	-3.55	1.08	-1.49	-2.02	1.09	-1.04	-1.39
DEL4	0.80	-0.77									
DEL5	0.59	1.60	1.91	-0.31	-2.98	0.64	2.15		0.73	2.08	1.90
DEL7	0.79	0.04	1.39	-1.04	-1.48	0.53	-0.57	-0.73	0.44	0.19	-0.02
DEL8	1.92	-0.12									
DEL9	0.55	-1.05	1.61	-3.78	-4.33	0.77	-2.17	-2.52	0.58	-1.97	-2.23
DEL10	2.40	-1.63	2.64	-3.00	-5.39	1.67	0.13	-0.01	1.54	0.34	0.03
DEL11	2.28	-2.56	2.53	-4.35	-6.20	1.54	-1.38	-1.53	1.87	-1.38	-1.63
DEL13			2.08	-2.92	-4.72	0.88	-1.26	-1.53	0.93	-0.51	-0.86
DEL14	1.68	-0.99	2.20	-2.42	-4.48	1.50	0.13	-0.13	1.68	0.37	-0.01
DEL18	0.77	1.33	2.36	-1.58	-4.08	1.21	1.19		1.21	1.15	0.97
DEL19	1.42	-0.82	2.69	-3.71	-5.76	1.42	-0.36	-0.42	1.37	-0.23	-0.36
DEL20			1.48	-3.56	-4.08	0.99	-2.64	-3.29	0.84	-2.22	-2.52
DEL22											

Table SB3a. Pre-alignment parameter estimates for delusions.

Item Name	SCID & CASH Dutch Bipolar			SCID Finnish Schizophrenia	
	a1	d1	d2	a1	d1
DEL1					
DEL2	0.94	-3.60			
DEL3	1.12	-2.83			
DEL4	1.21	-1.82			
DEL5	1.17	-0.94	-1.22	4.00	-2.58
DEL7	1.57	-0.14		2.45	-2.87
DEL8	2.76	-4.73			
DEL9	1.04	-2.69		2.05	-2.90
DEL10	4.94	-7.47			
DEL11					
DEL13					
DEL14	2.29	-3.61			
DEL18	1.67	-0.15	-0.42	3.61	-2.65
DEL19	4.50	-6.00			
DEL20					
DEL22				3.77	-1.98

Table SB3a (continued). Pre-alignment parameter estimates for delusions.

Item Name	CASH Dutch Schizophrenia Unrelated Probands		GPC Screener & DI-PAD Pato Bipolar			GPC Screener & DI-PAD Pato Schizophrenia			GPC Screener & DI-PAD Pato Schizoaffective		
	a1	d1	a1	d1	d2	a1	d1	d2	a1	d1	d2
DEL1			0.91	1.89		0.89	1.20		0.81	1.49	
DEL2	0.53	-2.15									
DEL3	0.59	-0.97	0.96	-1.10	-1.76	1.08	-1.79	-2.32	1.11	-1.48	-1.83
DEL4	0.80	-0.77									
DEL5	0.59	1.60	1.02	1.58	-1.09	0.64	1.98		0.74	1.79	1.61
DEL7	0.79	0.04	0.74	0.33	-0.11	0.52	-0.72	-0.88	0.45	0.01	-0.20
DEL8	1.92	-0.12									
DEL9	0.55	-1.05	0.86	-2.19	-2.74	0.76	-2.39	-2.74	0.59	-2.21	-2.47
DEL10	2.40	-1.63	1.41	-0.38	-2.78	1.66	-0.33	-0.47	1.56	-0.28	-0.59
DEL11	2.28	-2.56	1.35	-1.84	-3.69	1.53	-1.80	-1.95	1.89	-2.13	-2.38
DEL13			1.11	-0.86	-2.66	0.88	-1.51	-1.77	0.94	-0.88	-1.23
DEL14	1.68	-0.99	1.17	-0.24	-2.30	1.49	-0.29	-0.55	1.71	-0.31	-0.68
DEL18	0.77	1.33	1.26	0.76	-1.74	1.21	0.85		1.22	0.66	0.48
DEL19	1.42	-0.82	1.43	-1.05	-3.09	1.41	-0.75	-0.81	1.39	-0.78	-0.91
DEL20			0.79	-2.09	-2.61	0.98	-2.91	-3.56	0.86	-2.56	-2.86
DEL22											

Table SB3b. Post-alignment parameter estimates for delusions.

Item Name	SCID & CASH Dutch Bipolar			SCID Finnish Schizophrenia	
	a1	d1	d2	a1	d1
DEL1					
DEL2	0.50	-2.50			
DEL3	0.59	-1.53			
DEL4	0.64	-0.41			
DEL5	0.62	0.42	0.14	1.29	1.59
DEL7	0.83	1.70		0.79	-0.32
DEL8	1.46	-1.50			
DEL9	0.55	-1.48		0.66	-0.77
DEL10	2.61	-1.70			
DEL11					
DEL13					
DEL14	1.21	-0.94			
DEL18	0.88	1.80	1.53	1.16	1.11
DEL19	2.38	-0.75			
DEL20					
DEL22				1.22	1.95

Table SB3b (continued). Post-alignment parameter estimates for delusions.

Item Name	CASH Dutch Schizophrenia Unrelated Proband		GPC Screener & DI-PAD Pato Bipolar			GPC Screener & DI-PAD Pato Schizophrenia			GPC Screener & DI-PAD Pato Schizoaffective		
	a1	d1	a1	d1	d2	a1	d1	d2	a1	d1	d2
HAL1			3.50	0.08		1.43	2.07		1.30	2.48	
HAL2											
HAL3	3.06	-0.66	4.09	-4.23	-6.98	2.85	0.43	0.37	2.72	0.88	0.67
HAL5	2.31	-1.42									
HAL6			3.01	-4.16	-6.26	1.71	-0.36	-0.41	1.52	-0.21	-0.38
HAL7			3.57	-2.52	-5.72	1.68	1.83		2.27	2.40	2.09
HAL8			2.08	-1.21	-3.86	1.05	0.40	0.26	0.90	0.96	0.66
HAL27	0.84	-0.95									
HAL28	0.80	-1.41									
HAL30	0.85	-0.12									
HAL31											

Table SB4a. Pre-alignment parameter estimates for hallucinations.

Item Name	SCID & CASH Dutch Bipolar		SCID Finnish Schizophrenia	
	a1	d1	a1	d1
HAL1				
HAL2			4.36	-1.71
HAL3	2.20	-3.61		
HAL5	2.26	-4.28		
HAL6				
HAL7				
HAL8				
HAL27	1.18	-2.61	1.83	-3.33
HAL28	1.33	-2.79		
HAL30	1.45	-1.03	3.26	-2.53
HAL31			1.32	-3.36

Table SB4a (continued). Pre-alignment parameter estimates for hallucinations.

Item Name	CASH Dutch Schizophrenia Unrelated Proband		GPC Screener & DI-PAD Pato Bipolar			GPC Screener & DI-PAD Pato Schizophrenia			GPC Screener & DI-PAD Pato Schizoaffective		
	a1	d1	a1	d1	d2	a1	d1	d2	a1	d1	d2
HAL1			2.55	3.14		1.53	1.51		1.47	1.73	
HAL2											
HAL3	3.06	-0.66	2.98	-0.67	-3.41	3.05	-0.68	-0.75	3.08	-0.68	-0.89
HAL5	2.31	-1.42									
HAL6			2.19	-1.54	-3.63	1.83	-1.03	-1.08	1.72	-1.09	-1.26
HAL7			2.60	0.60	-2.60	1.80	1.18		2.58	1.10	0.79
HAL8			1.51	0.60	-2.04	1.12	-0.01	-0.15	1.02	0.44	0.15
HAL27	0.84	-0.95									
HAL28	0.80	-1.41									
HAL30	0.85	-0.12									
HAL31											

Table SB4b. Post-alignment parameter estimates for hallucinations.

Item Name	SCID & CASH Dutch Bipolar		SCID Finnish Schizophrenia	
	a1	d1	a1	d1
HAL1				
HAL2			2.67	2.90
HAL3	3.02	-0.69		
HAL5	3.11	-1.28		
HAL6				
HAL7				
HAL8				
HAL27	1.62	-1.04	1.12	-1.40
HAL28	1.82	-1.03		
HAL30	1.99	0.89	1.99	0.91
HAL31			0.81	-1.96

Table SB4b (continued). Post-alignment parameter estimates for hallucinations.

Item Name	CASH Dutch Schizophrenia Unrelated Probands		GPC Screener & DI-PAD Pato Bipolar				GPC Screener & DI-PAD Pato Schizophrenia			
	a1	d1	a1	d1	d2	d3	a1	d1	d2	d3
ORG1			0.45	-0.17			0.54	0.38		
ORG2	0.34	-1.43								
ORG3			1.68	-2.31			1.35	-0.31		
ORG4	0.42	-0.42								
ORG5	0.32	-1.48								
ORG6	0.29	-0.18	1.30	-0.40	-0.76	-1.63	0.43	-2.00	-2.33	-2.59
ORG8	0.90	-2.71	1.50	-3.09	-3.76		1.61	-2.02	-2.38	
ORG9	2.97	-4.47	1.69	-3.94			2.00	-2.22		
ORG11							2.77	-4.78	-5.02	
ORG12			1.95	-2.18	-2.93		1.92	-0.97	-1.11	
ORG13										
ORG14										
ORG15	2.00	-2.83								
ORG19	3.98	-3.97								
ORG20	3.08	-3.88								

Table SB5a. Pre-alignment parameter estimates for disorganization.

Item Name	GPC Screener & DI-PAD Pato Schizoaffective				SCID & CASH Dutch Bipolar		
	a1	d1	d2	d3	a1	d1	d2
ORG1	0.06	0.68					
ORG2					0.63	-1.23	
ORG3	1.23	-0.56					
ORG4					0.88	-0.23	
ORG5					0.52	-2.17	
ORG6	0.73	1.08	0.81	0.34	0.74	0.04	
ORG8	1.49	-2.07	-2.39				
ORG9	1.45	-2.27			5.48	-7.97	
ORG11	3.23	-6.22					
ORG12	1.34	-0.56					
ORG13					0.84	0.38	
ORG14					6.11	-8.61	-10.51
ORG15							
ORG19					2.21	-3.35	-4.65
ORG20							

Table SB5a (continued). Pre-alignment parameter estimates for disorganization.

Item Name	CASH Dutch Schizophrenia Unrelated Probands		GPC Screener & DI-PAD Pato Bipolar				GPC Screener & DI-PAD Pato Schizophrenia			
	a1	d1	a1	d1	d2	d3	a1	d1	d2	d3
ORG1			0.69	-0.06			0.80	0.04		
ORG2	0.34	-1.43								
ORG3			2.57	-1.89			2.01	-1.18		
ORG4	0.42	-0.42								
ORG5	0.32	-1.48								
ORG6	0.29	-0.18	2.00	-0.07	-0.44	-1.30	0.64	-2.28	-2.60	-2.87
ORG8	0.90	-2.71	2.30	-2.71	-3.38		2.39	-3.05	-3.41	
ORG9	2.97	-4.47	2.58	-3.52			2.97	-3.50		
ORG11							4.10	-6.55	-6.79	
ORG12			2.98	-1.69	-2.44		2.85	-2.20	-2.34	
ORG13										
ORG14										
ORG15	2.00	-2.83								
ORG19	3.98	-3.97								
ORG20	3.08	-3.88								

Table SB5b. Post-alignment parameter estimates for disorganization.

Item Name	GPC Screener & DI-PAD Pato Schizoaffective				SCID & CASH Dutch Bipolar		
	a1	d1	d2	d3	a1	d1	d2
ORG1	0.12	0.63					
ORG2					0.34	-0.72	
ORG3	2.49	-1.59					
ORG4					0.48	0.49	
ORG5					0.28	-1.75	
ORG6	1.48	0.47	0.20	-0.27	0.40	0.64	
ORG8	3.02	-3.31	-3.64				
ORG9	2.94	-3.48			2.97	-3.52	
ORG11	6.52	-8.91					
ORG12	2.71	-1.68					
ORG13					0.45	1.06	
ORG14					3.31	-3.65	-5.55
ORG15							
ORG19					1.20	-1.56	-2.86
ORG20							

Table SB5b (continued). Post-alignment parameter estimates for disorganization.