

Covariance matrix from our SUDAAN-estimated PTSD imputation model									
	Intercept	Age	SEXF	RHISP	RBLK	ROTH	PT41	PT42	PT43
Intercept	0.5956521	-0.00356	-0.148014	-0.004035	0.0199232	0.0315165	0.0270982	0.0714753	-0.024193
Age	-0.00356	0.0000816	0.0000253	0.0000153	0.0001175	-0.000812	-0.000018	-0.000517	2.5386E-7
SEXF	-0.148014	0.0000253	0.0883289	0.0068076	-0.018683	0.0097116	0.0018741	-0.02709	0.0132739
RHISP	-0.004035	0.0000153	0.0068076	0.1747941	0.0147452	0.0152146	-0.01491	-0.015284	-0.005372
RBLK	0.0199232	0.0001175	-0.018683	0.0147452	0.0858319	0.0249203	0.0157939	0.0089706	-0.002733
ROTH	0.0315165	-0.000812	0.0097116	0.0152146	0.0249203	0.2802716	0.052604	0.0136037	-0.004477
PT41	0.0270982	-0.000018	0.0018741	-0.01491	0.0157939	0.052604	0.1354449	0.0096154	-0.011201
PT42	0.0714753	-0.000517	-0.02709	-0.015284	0.0089706	0.0136037	0.0096154	0.0820173	0.0067866
PT43	-0.024193	2.5386E-7	0.0132739	-0.005372	-0.002733	-0.004477	-0.011201	0.0067866	0.0903859
PT44	-0.06549	-0.000059	0.0282803	0.0041223	-0.006289	-0.00485	-0.012979	-0.024647	-0.006314
PT45	0.011853	0.0004985	-0.020772	0.0085138	0.0014463	-0.009395	-0.025735	-0.024322	-0.001244
PT46	-0.004717	5.7085E-6	-0.01392	0.0015869	0.0030184	-0.007811	-0.013427	0.007541	-0.002376
PT48	-0.025024	-0.000069	-0.000622	-0.008964	-0.002791	-0.018366	-0.002126	-0.010736	-0.003357
PT50	-0.030366	0.0002777	0.0035528	-0.005749	0.0002117	-0.018281	-0.016606	-0.004779	0.0030326
PT50_1	-0.015626	0.0002509	0.0004189	-0.016521	-0.010462	-0.028715	-0.043298	-0.011375	-0.004255
PT51	-0.01343	0.0000189	0.0040949	0.0056223	0.0020275	-0.001179	-0.019507	0.0026648	-0.008283
PT55	0.0139225	-0.000518	0.0023927	0.0006063	0.0022025	0.0108732	-0.003893	0.0057419	0.0053844
PT209	-0.05513	0.0003483	0.0023952	-0.005279	-0.000605	-0.000208	-0.012735	-0.001084	-0.0078
PT211	-0.013512	-0.000173	-0.002568	-0.000017	0.0035836	-0.000299	-0.004504	0.0076343	0.00425
PT212	-0.046754	-0.000012	0.0018441	0.0111269	-0.003838	0.000936	0.0038498	-0.001666	-0.007211
PT213	-0.020389	0.0002176	-0.00208	-0.00961	0.0040566	-0.001317	0.0037522	-0.005606	-0.000221
PT214	-0.006095	-0.000175	0.009586	0.0077093	-0.009938	0.0117376	-0.000281	-0.001053	-0.000512
PT233	-0.054639	0.0001363	-0.002024	-0.017226	-0.004928	-0.002383	-0.005454	-0.003804	0.0054069
PT237	-0.026119	0.0000243	0.0015464	0.0021454	-0.005771	-0.027464	-0.005572	-0.004031	0.0004102

Covariance matrix from our SUDAAN-estimated PTSD imputation model									
	PT44	PT45	PT46	PT48	PT50	PT50_1	PT51	PT55	PT209
Intercept	-0.06549	0.011853	-0.004717	-0.025024	-0.030366	-0.015626	-0.01343	0.0139225	-0.05513
Age	-0.000059	0.0004985	5.7085E-6	-0.000069	0.0002777	0.0002509	0.0000189	-0.000518	0.0003483
SEXF	0.0282803	-0.020772	-0.01392	-0.000622	0.0035528	0.0004189	0.0040949	0.0023927	0.0023952
RHISP	0.0041223	0.0085138	0.0015869	-0.008964	-0.005749	-0.016521	0.0056223	0.0006063	-0.005279
RBLK	-0.006289	0.0014463	0.0030184	-0.002791	0.0002117	-0.010462	0.0020275	0.0022025	-0.000605
ROTH	-0.00485	-0.009395	-0.007811	-0.018366	-0.018281	-0.028715	-0.001179	0.0108732	-0.000208
PT41	-0.012979	-0.025735	-0.013427	-0.002126	-0.016606	-0.043298	-0.019507	-0.003893	-0.012735
PT42	-0.024647	-0.024322	0.007541	-0.010736	-0.004779	-0.011375	0.0026648	0.0057419	-0.001084
PT43	-0.006314	-0.001244	-0.002376	-0.003357	0.0030326	-0.004255	-0.008283	0.0053844	-0.0078
PT44	0.0708102	-0.003165	-0.002426	0.0005679	-0.003897	0.0032844	-0.010341	-0.001881	0.0053646
PT45	-0.003165	0.0771344	-0.01578	-0.005423	0.0040634	0.0084721	-0.000401	-0.010406	-0.001949
PT46	-0.002426	-0.01578	0.0657844	0.0048459	0.0004345	-0.004538	0.0091857	-0.004483	0.0019346
PT48	0.0005679	-0.005423	0.0048459	0.057308	-0.003374	0.0095993	-0.009768	0.0132695	-0.005408
PT50	-0.003897	0.0040634	0.0004345	-0.003374	0.0864223	-0.009414	-0.000605	-0.010339	0.0074755
PT50_1	0.0032844	0.0084721	-0.004538	0.0095993	-0.009414	0.0781887	0.0028235	0.0055584	0.0011816
PT51	-0.010341	-0.000401	0.0091857	-0.009768	-0.000605	0.0028235	0.0602795	-0.009877	0.0079731
PT55	-0.001881	-0.010406	-0.004483	0.0132695	-0.010339	0.0055584	-0.009877	0.0910052	-0.012802
PT209	0.0053646	-0.001949	0.0019346	-0.005408	0.0074755	0.0011816	0.0079731	-0.012802	0.0611597
PT211	-0.004527	0.0044612	0.0009455	-0.004984	0.0072578	-0.005054	0.0011719	-0.007529	0.0039856
PT212	0.0039259	-0.006334	0.0046608	0.0036629	-0.003791	-0.001339	0.0030921	0.001478	0.0066334
PT213	0.004508	0.0041833	-0.013267	-0.010095	-0.000306	-0.012685	-0.003984	-0.015474	0.0085038
PT214	0.0021165	-0.00278	0.0047739	-0.005915	0.0019015	-0.0057	0.0015654	-0.007111	-0.007658
PT233	0.0053651	0.0000414	0.009991	0.0006533	0.0070504	-0.002843	-0.007731	0.0046444	-0.009385
PT237	0.0004031	-0.005085	0.0041227	0.0147885	-0.006236	0.0074666	-0.010728	0.0139194	-0.008719

Covariance matrix from our SUDAAN-estimated PTSD imputation model						
	PT211	PT212	PT213	PT214	PT233	PT237
Intercept	-0.013512	-0.046754	-0.020389	-0.006095	-0.054639	-0.026119
Age	-0.000173	-0.000012	0.0002176	-0.000175	0.0001363	0.0000243
SEXF	-0.002568	0.0018441	-0.00208	0.009586	-0.002024	0.0015464
RHISP	-0.000017	0.0111269	-0.00961	0.0077093	-0.017226	0.0021454
RBLK	0.0035836	-0.003838	0.0040566	-0.009938	-0.004928	-0.005771
ROTH	-0.000299	0.000936	-0.001317	0.0117376	-0.002383	-0.027464
PT41	-0.004504	0.0038498	0.0037522	-0.000281	-0.005454	-0.005572
PT42	0.0076343	-0.001666	-0.005606	-0.001053	-0.003804	-0.004031
PT43	0.00425	-0.007211	-0.000221	-0.000512	0.0054069	0.0004102
PT44	-0.004527	0.0039259	0.004508	0.0021165	0.0053651	0.0004031
PT45	0.0044612	-0.006334	0.0041833	-0.00278	0.0000414	-0.005085
PT46	0.0009455	0.0046608	-0.013267	0.0047739	0.009991	0.0041227
PT48	-0.004984	0.0036629	-0.010095	-0.005915	0.0006533	0.0147885
PT50	0.0072578	-0.003791	-0.000306	0.0019015	0.0070504	-0.006236
PT50_1	-0.005054	-0.001339	-0.012685	-0.0057	-0.002843	0.0074666
PT51	0.0011719	0.0030921	-0.003984	0.0015654	-0.007731	-0.010728
PT55	-0.007529	0.001478	-0.015474	-0.007111	0.0046444	0.0139194
PT209	0.0039856	0.0066334	0.0085038	-0.007658	-0.009385	-0.008719
PT211	0.0678537	-0.009741	-0.007539	-0.003808	-0.013108	-0.001958
PT212	-0.009741	0.0784391	-0.013315	-0.002308	-0.006974	-0.004086
PT213	-0.007539	-0.013315	0.0734149	-0.002714	-0.004368	-0.01051
PT214	-0.003808	-0.002308	-0.002714	0.0585869	0.00419	-0.015492
PT233	-0.013108	-0.006974	-0.004368	0.00419	0.0933313	-0.002102
PT237	-0.001958	-0.004086	-0.01051	-0.015492	-0.002102	0.065392

This is
the
largest
difference
between
cov
diagonal
and our
squared
std errs

2.9122E-7

Comparison of original PTSD imputation model betas with our reproduction attempt

Obs	RHS_VARS	THEIR_BETA	OUR_BETA	OUR_STDERR	DIFF_IN_STDERRS	VAR_DETAIL
1	INTERCEPT	-1.5150	-1.49434	0.77179	-0.02677	Intercept
2	AGE	0.0263	0.02501	0.00903	0.14328	AGE
3	SEXF	0.1105	0.08775	0.29720	0.07656	SEX is female(0 = No, 1 = Female)
4	RHISP	-0.0819	-0.03586	0.41808	-0.11011	Race is hispanic
5	RBLK	-0.5597	-0.66040	0.29297	0.34371	Race is black
6	ROTH	-0.9751	-0.95625	0.52941	-0.03560	Race is other
7	PT41	-0.5603	-0.57058	0.36803	0.02794	as child,ever badly beaten up by parents/caregivers
8	PT42	0.0504	0.04007	0.28639	0.03609	ever badly beaten up by spouse/romantic partner
9	PT43	-0.3877	-0.35551	0.30064	-0.10707	ever badly beaten up by anyone else
10	PT44	0.1148	0.10951	0.26610	0.01990	ever mugged/held up/threatened withweapon
11	PT45	-0.1614	-0.12159	0.27773	-0.14335	were you ever raped(penetration occurred)
12	PT46	0.5993	0.58535	0.25649	0.05440	were you ever sexually assaulted or molested
13	PT48	0.0780	0.07356	0.23939	0.01857	someone very close to you ever die unexpectedly
14	PT50	0.4687	0.38094	0.29398	0.29852	anyone very close to have extremely traumatic experience
15	PT50_1	0.4591	0.43249	0.27962	0.09518	you were a child, did you ever witness serious physical fights
16	PT51	0.1683	0.20019	0.24552	-0.12988	ever see someone badly injured/killed/dead body
17	PT55	-0.2237	-0.24518	0.30167	0.07120	ever experience other very traumatic event
18	PT209	0.3664	0.36935	0.24731	-0.01194	purposely stay away things remind event
19	PT211	-0.0581	-0.10904	0.26049	0.19556	lose interest in things used to enjoy
20	PT212	0.2516	0.25582	0.28007	-0.01508	feel emotionally distant/cut-off from people
21	PT213	0.1159	0.08890	0.27095	0.09964	trouble feeling love/happiness toward others
22	PT214	0.6400	0.61022	0.24205	0.12305	feel no reason to plan for the future
23	PT233	0.8654	0.90727	0.30550	-0.13704	trouble falling asleep during random event
24	PT237	0.1323	0.08882	0.25572	0.17004	more easily startled by ordinary noises

**Sampling from joint posterior of PTSD model coefficients
(with illustrative sample printouts and checks on sample mean and covariance)**

First 5 sample coefficient vectors									
	Intercept	Age	SEXF	RHISP	RBLK	ROTH	PT41	PT42	PT43
Sample1	-0.612362	0.0024228	0.3127989	0.4204283	-0.968778	-0.801176	-0.758088	0.015344	-0.227877
Sample2	-0.988965	0.0199953	0.1976707	-0.132277	-0.265215	-0.785759	0.0340876	-0.028411	-0.089548
Sample3	-1.717933	0.0192468	0.5174238	0.1163729	-0.804596	-0.197579	-0.439798	0.156971	-0.238316
Sample4	-1.731523	0.0302804	-0.028613	-0.179127	-0.647543	-1.721691	-0.375933	-0.178123	-0.470922
Sample5	-0.195267	0.0191398	-0.32853	0.1533359	-0.130938	-0.232293	-0.432536	0.5584343	-0.400861

First 5 sample coefficient vectors									
	PT44	PT45	PT46	PT48	PT50	PT50_1	PT51	PT55	PT209
Sample1	0.8518181	0.25079	-0.629392	-0.490539	0.6887618	0.0812325	0.2201755	-0.449491	0.2739704
Sample2	0.1229768	-0.684379	0.7289108	0.329411	0.1877407	0.2936903	-0.007013	-0.0807	0.5318885
Sample3	-0.302306	-0.685454	0.4541435	0.3404297	0.8533099	0.2480416	-0.154553	-0.021315	0.4163182
Sample4	0.0921846	-0.109672	0.6355215	0.3082256	0.8869224	0.6742878	-0.256954	-0.592394	0.4008196
Sample5	0.2493648	-0.378102	0.8770447	-0.106704	0.8598884	0.2042809	-0.120327	0.005614	0.2731268

First 5 sample coefficient vectors						
	PT211	PT212	PT213	PT214	PT233	PT237
Sample1	0.1774203	0.5713038	0.0015336	0.9855211	0.7550897	-0.15143
Sample2	0.0687393	-0.105302	-0.058581	0.7362472	0.5360706	0.1077999
Sample3	-0.36611	0.6276135	0.0996372	0.4713021	1.1442573	0.065893
Sample4	-0.043577	0.110485	0.0880375	0.7690529	1.0907765	0.3244008
Sample5	0.2096651	0.2386734	0.0059261	0.5226413	0.7589016	-0.327618

compare_means								
	Intercept	Age	SEXF	RHISP	RBLK	ROTH	PT41	PT42
Sample Mean	-1.512896	0.0262875	0.1096996	-0.08256	-0.559093	-0.975925	-0.560616	0.0508891
Their Betas	-1.515	0.0263	0.1105	-0.0819	-0.5597	-0.9751	-0.5603	0.0504

compare_means								
	PT43	PT44	PT45	PT46	PT48	PT50	PT50_1	PT51
Sample Mean	-0.386962	0.1140508	-0.16202	0.6006293	0.0765841	0.4693395	0.4584324	0.1684182
Their Betas	-0.3877	0.1148	-0.1614	0.5993	0.078	0.4687	0.4591	0.1683

compare_means								
	PT55	PT209	PT211	PT212	PT213	PT214	PT233	PT237
Sample Mean	-0.224593	0.365711	-0.05755	0.2518332	0.1153237	0.6401881	0.8663688	0.1328666
Their Betas	-0.2237	0.3664	-0.0581	0.2516	0.1159	0.64	0.8654	0.1323

Sampling from joint posterior of PTSD model coefficients
(with illustrative sample printouts and checks on sample mean and covariance)

SampleCov									
	Intercept	Age	SEXF	RHISP	RBLK	ROTH	PT41	PT42	PT43
Intercept	0.5962973	-0.003571	-0.148456	-0.005749	0.0205962	0.0290815	0.0265098	0.071314	-0.023911
Age	-0.003571	0.0000818	0.0000152	0.0000431	0.0001173	-0.000799	-0.000021	-0.000514	7.3612E-6
SEXF	-0.148456	0.0000152	0.0889607	0.0066637	-0.018806	0.0104496	0.0022278	-0.027041	0.0133394
RHISP	-0.005749	0.0000431	0.0066637	0.1756028	0.0152778	0.0161949	-0.015501	-0.014867	-0.005166
RBLK	0.0205962	0.0001173	-0.018806	0.0152778	0.0857725	0.0251825	0.0154158	0.0093637	-0.002666
ROTH	0.0290815	-0.000799	0.0104496	0.0161949	0.0251825	0.2822694	0.0522841	0.0141601	-0.00464
PT41	0.0265098	-0.000021	0.0022278	-0.015501	0.0154158	0.0522841	0.1356122	0.009746	-0.010409
PT42	0.071314	-0.000514	-0.027041	-0.014867	0.0093637	0.0141601	0.009746	0.0818721	0.0060766
PT43	-0.023911	7.3612E-6	0.0133394	-0.005166	-0.002666	-0.00464	-0.010409	0.0060766	0.0900477
PT44	-0.065211	-0.000071	0.0283677	0.003847	-0.006455	-0.004587	-0.013017	-0.024168	-0.006381
PT45	0.0122392	0.0005031	-0.020933	0.0083089	0.0012	-0.009925	-0.025672	-0.024185	-0.000941
PT46	-0.00573	0.0000114	-0.01366	0.0017259	0.0033774	-0.007671	-0.01371	0.0073061	-0.002656
PT48	-0.025592	-0.000066	-0.00052	-0.009277	-0.003082	-0.018192	-0.00229	-0.010805	-0.003181
PT50	-0.028753	0.0002688	0.0028432	-0.005072	0.0000372	-0.018742	-0.017058	-0.004946	0.0028058
PT50_1	-0.01542	0.0002476	0.000523	-0.016367	-0.010715	-0.028939	-0.043714	-0.011661	-0.004653
PT51	-0.01335	0.0000221	0.0040963	0.0057623	0.0022633	-0.001475	-0.019915	0.0023673	-0.008306
PT55	0.0150158	-0.000511	0.0020154	0.0005874	0.0023865	0.0103881	-0.004027	0.005549	0.0049446
PT209	-0.054302	0.0003426	0.0021302	-0.004969	-0.00092	0.0002711	-0.012565	-0.000813	-0.007911
PT211	-0.014368	-0.00016	-0.002189	0.001125	0.0034981	-0.00005	-0.00489	0.0073577	0.0041788
PT212	-0.046595	3.2934E-6	0.0013253	0.0112227	-0.003739	0.0007479	0.0036775	-0.001876	-0.007675
PT213	-0.019856	0.0002179	-0.002283	-0.009735	0.0042171	-0.001121	0.0043596	-0.005265	0.0002325
PT214	-0.006183	-0.000175	0.0094852	0.0077902	-0.009655	0.0119952	0.0000902	-0.001348	-0.000493
PT233	-0.053974	0.0001361	-0.0022	-0.017537	-0.004838	-0.00242	-0.0053	-0.003821	0.0051428
PT237	-0.026417	0.0000185	0.0019175	0.0015802	-0.006324	-0.027541	-0.005206	-0.00388	0.0004277

Sampling from joint posterior of PTSD model coefficients
(with illustrative sample printouts and checks on sample mean and covariance)

SampleCov									
	PT44	PT45	PT46	PT48	PT50	PT50_1	PT51	PT55	PT209
Intercept	-0.065211	0.0122392	-0.00573	-0.025592	-0.028753	-0.01542	-0.01335	0.0150158	-0.054302
Age	-0.000071	0.0005031	0.0000114	-0.000066	0.0002688	0.0002476	0.0000221	-0.000511	0.0003426
SEXF	0.0283677	-0.020933	-0.01366	-0.00052	0.0028432	0.000523	0.0040963	0.0020154	0.0021302
RHISP	0.003847	0.0083089	0.0017259	-0.009277	-0.005072	-0.016367	0.0057623	0.0005874	-0.004969
RBLK	-0.006455	0.0012	0.0033774	-0.003082	0.0000372	-0.010715	0.0022633	0.0023865	-0.00092
ROTH	-0.004587	-0.009925	-0.007671	-0.018192	-0.018742	-0.028939	-0.001475	0.0103881	0.0002711
PT41	-0.013017	-0.025672	-0.01371	-0.00229	-0.017058	-0.043714	-0.019915	-0.004027	-0.012565
PT42	-0.024168	-0.024185	0.0073061	-0.010805	-0.004946	-0.011661	0.0023673	0.005549	-0.000813
PT43	-0.006381	-0.000941	-0.002656	-0.003181	0.0028058	-0.004653	-0.008306	0.0049446	-0.007911
PT44	0.0705309	-0.003283	-0.00248	0.0003873	-0.003834	0.0031989	-0.010157	-0.00186	0.0051393
PT45	-0.003283	0.0775113	-0.0159	-0.005576	0.0045577	0.0082448	-0.000238	-0.010187	-0.002195
PT46	-0.00248	-0.0159	0.0659043	0.0047717	0.0006851	-0.004197	0.0095463	-0.004586	0.0019619
PT48	0.0003873	-0.005576	0.0047717	0.0578584	-0.002998	0.0098993	-0.009985	0.0136077	-0.005523
PT50	-0.003834	0.0045577	0.0006851	-0.002998	0.0861481	-0.00915	-0.000945	-0.010114	0.0073035
PT50_1	0.0031989	0.0082448	-0.004197	0.0098993	-0.00915	0.0789406	0.0030954	0.0059156	0.0010849
PT51	-0.010157	-0.000238	0.0095463	-0.009985	-0.000945	0.0030954	0.0605326	-0.010314	0.0080927
PT55	-0.00186	-0.010187	-0.004586	0.0136077	-0.010114	0.0059156	-0.010314	0.0907838	-0.012716
PT209	0.0051393	-0.002195	0.0019619	-0.005523	0.0073035	0.0010849	0.0080927	-0.012716	0.0606453
PT211	-0.004285	0.0046293	0.0008582	-0.005274	0.0071767	-0.005231	0.0012481	-0.008011	0.0043937
PT212	0.0041658	-0.006139	0.0049203	0.0037485	-0.003603	-0.001537	0.0028369	0.0008988	0.0067152
PT213	0.0043706	0.004067	-0.013094	-0.010232	-0.000645	-0.012784	-0.004088	-0.015428	0.0082926
PT214	0.0021463	-0.002701	0.0046412	-0.005948	0.0015801	-0.005635	0.0013385	-0.006969	-0.007594
PT233	0.0054495	-0.000027	0.0100972	0.0008493	0.0070546	-0.002902	-0.007834	0.0046889	-0.009446
PT237	0.0003692	-0.005666	0.0037998	0.0151498	-0.006073	0.0073192	-0.010768	0.0140404	-0.00853

Sampling from joint posterior of PTSD model coefficients
(with illustrative sample printouts and checks on sample mean and covariance)

SampleCov						
	PT211	PT212	PT213	PT214	PT233	PT237
Intercept	-0.014368	-0.046595	-0.019856	-0.006183	-0.053974	-0.026417
Age	-0.00016	3.2934E-6	0.0002179	-0.000175	0.0001361	0.0000185
SEXF	-0.002189	0.0013253	-0.002283	0.0094852	-0.0022	0.0019175
RHISP	0.001125	0.0112227	-0.009735	0.0077902	-0.017537	0.0015802
RBLK	0.0034981	-0.003739	0.0042171	-0.009655	-0.004838	-0.006324
ROTH	-0.00005	0.0007479	-0.001121	0.0119952	-0.00242	-0.027541
PT41	-0.00489	0.0036775	0.0043596	0.0000902	-0.0053	-0.005206
PT42	0.0073577	-0.001876	-0.005265	-0.001348	-0.003821	-0.00388
PT43	0.0041788	-0.007675	0.0002325	-0.000493	0.0051428	0.0004277
PT44	-0.004285	0.0041658	0.0043706	0.0021463	0.0054495	0.0003692
PT45	0.0046293	-0.006139	0.004067	-0.002701	-0.000027	-0.005666
PT46	0.0008582	0.0049203	-0.013094	0.0046412	0.0100972	0.0037998
PT48	-0.005274	0.0037485	-0.010232	-0.005948	0.0008493	0.0151498
PT50	0.0071767	-0.003603	-0.000645	0.0015801	0.0070546	-0.006073
PT50_1	-0.005231	-0.001537	-0.012784	-0.005635	-0.002902	0.0073192
PT51	0.0012481	0.0028369	-0.004088	0.0013385	-0.007834	-0.010768
PT55	-0.008011	0.0008988	-0.015428	-0.006969	0.0046889	0.0140404
PT209	0.0043937	0.0067152	0.0082926	-0.007594	-0.009446	-0.00853
PT211	0.0675307	-0.009544	-0.007419	-0.003938	-0.013588	-0.001914
PT212	-0.009544	0.0785105	-0.013216	-0.002364	-0.007165	-0.004019
PT213	-0.007419	-0.013216	0.073432	-0.00235	-0.004353	-0.011034
PT214	-0.003938	-0.002364	-0.00235	0.0577974	0.0044368	-0.015154
PT233	-0.013588	-0.007165	-0.004353	0.0044368	0.0933091	-0.002101
PT237	-0.001914	-0.004019	-0.011034	-0.015154	-0.002101	0.0655968

Sampling from joint posterior of PTSD model coefficients
(with illustrative sample printouts and checks on sample mean and covariance)

cov_diff									
	Intercept	Age	SEXF	RHISP	RBLK	ROTH	PT41	PT42	PT43
Intercept	0.0006452	-0.000011	-0.000442	-0.001713	0.000673	-0.002435	-0.000588	-0.000161	0.0002823
Age	-0.000011	2.3253E-7	-0.00001	0.0000278	-2.218E-7	0.0000135	-3.62E-6	3.6105E-6	7.1074E-6
SEXF	-0.000442	-0.00001	0.0006318	-0.000144	-0.000122	0.0007381	0.0003537	0.0000486	0.0000655
RHISP	-0.001713	0.0000278	-0.000144	0.0008087	0.0005325	0.0009802	-0.000591	0.0004173	0.0002058
RBLK	0.000673	-2.218E-7	-0.000122	0.0005325	-0.000059	0.0002622	-0.000378	0.0003931	0.0000665
ROTH	-0.002435	0.0000135	0.0007381	0.0009802	0.0002622	0.0019978	-0.00032	0.0005564	-0.000164
PT41	-0.000588	-3.62E-6	0.0003537	-0.000591	-0.000378	-0.00032	0.0001673	0.0001306	0.0007921
PT42	-0.000161	3.6105E-6	0.0000486	0.0004173	0.0003931	0.0005564	0.0001306	-0.000145	-0.00071
PT43	0.0002823	7.1074E-6	0.0000655	0.0002058	0.0000665	-0.000164	0.0007921	-0.00071	-0.000338
PT44	0.0002796	-0.000011	0.0000874	-0.000275	-0.000166	0.0002628	-0.000038	0.0004792	-0.000067
PT45	0.0003862	4.5854E-6	-0.000162	-0.000205	-0.000246	-0.00053	0.0000626	0.0001368	0.0003023
PT46	-0.001013	5.6873E-6	0.0002598	0.000139	0.000359	0.0001404	-0.000283	-0.000235	-0.000279
PT48	-0.000568	3.5603E-6	0.000102	-0.000313	-0.000291	0.0001745	-0.000164	-0.000069	0.000176
PT50	0.0016134	-8.899E-6	-0.00071	0.0006765	-0.000174	-0.000461	-0.000452	-0.000167	-0.000227
PT50_1	0.0002062	-3.234E-6	0.0001041	0.0001536	-0.000252	-0.000224	-0.000416	-0.000286	-0.000398
PT51	0.0000802	3.1813E-6	1.3489E-6	0.0001399	0.0002358	-0.000296	-0.000408	-0.000297	-0.000023
PT55	0.0010933	7.3418E-6	-0.000377	-0.000019	0.000184	-0.000485	-0.000134	-0.000193	-0.00044
PT209	0.0008277	-5.644E-6	-0.000265	0.00031	-0.000316	0.0004794	0.0001698	0.0002706	-0.000111
PT211	-0.000855	0.0000126	0.0003792	0.0011416	-0.000086	0.0002492	-0.000386	-0.000277	-0.000071
PT212	0.0001589	0.0000152	-0.000519	0.0000958	0.0000988	-0.000188	-0.000172	-0.00021	-0.000464
PT213	0.0005324	3.7871E-7	-0.000203	-0.000125	0.0001604	0.0001957	0.0006075	0.0003407	0.0004531
PT214	-0.000088	-4.837E-7	-0.000101	0.0000808	0.0002824	0.0002577	0.0003715	-0.000295	0.0000196
PT233	0.0006656	-1.032E-7	-0.000176	-0.000311	0.0000898	-0.000037	0.0001543	-0.000017	-0.000264
PT237	-0.000297	-5.831E-6	0.0003711	-0.000565	-0.000553	-0.000077	0.0003662	0.0001505	0.0000175

Sampling from joint posterior of PTSD model coefficients
(with illustrative sample printouts and checks on sample mean and covariance)

cov_diff									
	PT44	PT45	PT46	PT48	PT50	PT50_1	PT51	PT55	PT209
Intercept	0.0002796	0.0003862	-0.001013	-0.000568	0.0016134	0.0002062	0.0000802	0.0010933	0.0008277
Age	-0.000011	4.5854E-6	5.6873E-6	3.5603E-6	-8.899E-6	-3.234E-6	3.1813E-6	7.3418E-6	-5.644E-6
SEXF	0.0000874	-0.000162	0.0002598	0.000102	-0.00071	0.0001041	1.3489E-6	-0.000377	-0.000265
RHISP	-0.000275	-0.000205	0.000139	-0.000313	0.0006765	0.0001536	0.0001399	-0.000019	0.00031
RBLK	-0.000166	-0.000246	0.000359	-0.000291	-0.000174	-0.000252	0.0002358	0.000184	-0.000316
ROTH	0.0002628	-0.00053	0.0001404	0.0001745	-0.000461	-0.000224	-0.000296	-0.000485	0.0004794
PT41	-0.000038	0.0000626	-0.000283	-0.000164	-0.000452	-0.000416	-0.000408	-0.000134	0.0001698
PT42	0.0004792	0.0001368	-0.000235	-0.000069	-0.000167	-0.000286	-0.000297	-0.000193	0.0002706
PT43	-0.000067	0.0003023	-0.000279	0.000176	-0.000227	-0.000398	-0.000023	-0.00044	-0.000111
PT44	-0.000279	-0.000118	-0.000053	-0.000181	0.0000633	-0.000086	0.0001834	0.0000212	-0.000225
PT45	-0.000118	0.0003769	-0.000121	-0.000153	0.0004944	-0.000227	0.0001622	0.0002193	-0.000246
PT46	-0.000053	-0.000121	0.0001199	-0.000074	0.0002506	0.0003411	0.0003606	-0.000102	0.0000273
PT48	-0.000181	-0.000153	-0.000074	0.0005504	0.0003763	0.0003	-0.000217	0.0003381	-0.000115
PT50	0.0000633	0.0004944	0.0002506	0.0003763	-0.000274	0.0002638	-0.000339	0.0002251	-0.000172
PT50_1	-0.000086	-0.000227	0.0003411	0.0003	0.0002638	0.000752	0.0002718	0.0003572	-0.000097
PT51	0.0001834	0.0001622	0.0003606	-0.000217	-0.000339	0.0002718	0.0002531	-0.000437	0.0001196
PT55	0.0000212	0.0002193	-0.000102	0.0003381	0.0002251	0.0003572	-0.000437	-0.000221	0.0000857
PT209	-0.000225	-0.000246	0.0000273	-0.000115	-0.000172	-0.000097	0.0001196	0.0000857	-0.000514
PT211	0.0002428	0.000168	-0.000087	-0.00029	-0.000081	-0.000177	0.0000761	-0.000482	0.0004081
PT212	0.0002399	0.0001952	0.0002595	0.0000856	0.000188	-0.000198	-0.000255	-0.000579	0.0000819
PT213	-0.000137	-0.000116	0.0001722	-0.000138	-0.000338	-0.000099	-0.000104	0.0000461	-0.000211
PT214	0.0000298	0.0000783	-0.000133	-0.000034	-0.000321	0.000065	-0.000227	0.0001423	0.0000638
PT233	0.0000843	-0.000068	0.0001061	0.000196	4.2169E-6	-0.000059	-0.000104	0.0000445	-0.000061
PT237	-0.000034	-0.000581	-0.000323	0.0003612	0.0001628	-0.000147	-0.00004	0.000121	0.0001895

Sampling from joint posterior of PTSD model coefficients
(with illustrative sample printouts and checks on sample mean and covariance)

cov_diff						
	PT211	PT212	PT213	PT214	PT233	PT237
Intercept	-0.000855	0.0001589	0.0005324	-0.000088	0.0006656	-0.000297
Age	0.0000126	0.0000152	3.7871E-7	-4.837E-7	-1.032E-7	-5.831E-6
SEXF	0.0003792	-0.000519	-0.000203	-0.000101	-0.000176	0.0003711
RHISP	0.0011416	0.0000958	-0.000125	0.0000808	-0.000311	-0.000565
RBLK	-0.000086	0.0000988	0.0001604	0.0002824	0.0000898	-0.000553
ROTH	0.0002492	-0.000188	0.0001957	0.0002577	-0.000037	-0.000077
PT41	-0.000386	-0.000172	0.0006075	0.0003715	0.0001543	0.0003662
PT42	-0.000277	-0.00021	0.0003407	-0.000295	-0.000017	0.0001505
PT43	-0.000071	-0.000464	0.0004531	0.0000196	-0.000264	0.0000175
PT44	0.0002428	0.0002399	-0.000137	0.0000298	0.0000843	-0.000034
PT45	0.000168	0.0001952	-0.000116	0.0000783	-0.000068	-0.000581
PT46	-0.000087	0.0002595	0.0001722	-0.000133	0.0001061	-0.000323
PT48	-0.00029	0.0000856	-0.000138	-0.000034	0.000196	0.0003612
PT50	-0.000081	0.000188	-0.000338	-0.000321	4.2169E-6	0.0001628
PT50_1	-0.000177	-0.000198	-0.000099	0.000065	-0.000059	-0.000147
PT51	0.0000761	-0.000255	-0.000104	-0.000227	-0.000104	-0.00004
PT55	-0.000482	-0.000579	0.0000461	0.0001423	0.0000445	0.000121
PT209	0.0004081	0.0000819	-0.000211	0.0000638	-0.000061	0.0001895
PT211	-0.000323	0.0001967	0.0001198	-0.00013	-0.00048	0.0000435
PT212	0.0001967	0.0000713	0.000098	-0.000056	-0.00019	0.0000668
PT213	0.0001198	0.000098	0.0000172	0.0003641	0.0000149	-0.000524
PT214	-0.00013	-0.000056	0.0003641	-0.00079	0.0002469	0.0003378
PT233	-0.00048	-0.00019	0.0000149	0.0002469	-0.000022	1.2656E-6
PT237	0.0000435	0.0000668	-0.000524	0.0003378	1.2656E-6	0.0002048