

Bab V

KESIMPULAN

Bab ini berisi kesimpulan dan saran-saran yang merupakan temuan akhir dari penelitian ini. Kesimpulan dan saran didasarkan dari hasil analisis yang dilakukan dengan Structural Equation Modeling dengan dibantu program AMOS 4.

5.1. Kesimpulan

Berdasarkan hasil analisis menunjukkan bahwa model penelitian ini memenuhi persyaratan yang direkomendasikan, yakni untuk mengukur overall model fit:

Dari hasil analisis diperoleh nilai NFI sebesar 0.967. Hasil ini sesuai dengan nilai TLI yang direkomendasikan. Nilai NFI yang direkomendasikan baik adalah lebih besar dari 0.90.

Dari hasil analisis diperoleh nilai CFI sebesar 0.98. Hasil ini sesuai dengan nilai CFI yang direkomendasikan. Nilai CFI yang direkomendasikan baik adalah lebih besar dari 0.95.

Dari hasil analisis diperoleh nilai TLI sebesar 0.98. Hasil ini sesuai dengan nilai TLI yang direkomendasikan. Nilai yang direkomendasikan baik adalah lebih besar dari 0.95.

Dari hasil analisis diperoleh nilai RMSEA sebesar 0.06. Hasil ini sesuai dengan nilai RMSEA yang direkomendasikan. Nilai yang direkomendasikan baik adalah antara 0.05 sampai 0.08.

Dari hasil analisis diperoleh nilai Chi-square 0.58 dan probabilitas 0.00. Nilai chi-square yang tinggi relative terhadap degree of freedom menunjukkan bahwa matrik kovarian atau korelasi yang diobservasi dengan yang diprediksi berbeda secara nyata dan ini menghasilkan probabilitas yang lebih kecil dari tingkat signifikansi.

Setelah memenuhi pengujian *Overall Model Fit* dan *Measurement Model*, dilakukan pengujian terhadap *Struktural Model*. Pengujian terhadap Structural Model ini merupakan pengujian terhadap hipotesis penelitian dengan hasil sebagai berikut:

Indikator yang digunakan untuk menguji hipotesis yang diajukan adalah dengan membandingkan nilai Critical Ratio (C.R.) hitung dengan nilai C.R. tabel. Tingkat signifikansi yang digunakan adalah sebesar 5 persen satu sisi dengan nilai C.R. tabel sebesar 1,645 (Hair et al., 1995)

Hipotesis 1 dapat disimpulkan bahwa *guarantee scope* memiliki pengaruh positif terhadap *overall guarantee attitude*.

Hipotesis 2 dapat disimpulkan bahwa *guarantee components* memiliki pengaruh positif terhadap *overall guarantee attitude*.

Hipotesis 3 dapat disimpulkan bahwa *guarantee credibility* tidak memiliki pengaruh terhadap *overall guarantee attitude*.

Hipotesis 4 dapat disimpulkan bahwa *overall guarantee attitude* memiliki pengaruh positif terhadap *learning outcomes*.

Hipotesis 5 dapat disimpulkan bahwa *overall guarantee attitude* memiliki pengaruh positif terhadap *instructor evaluation*.

Hipotesis 6 dapat disimpulkan bahwa learning outcomes memiliki pengaruh positif terhadap overall course evaluation.

Hipotesis 7 dapat disimpulkan bahwa instructor evaluation memiliki pengaruh positif terhadap overall course evaluation.

Hipotesis 8 dapat disimpulkan bahwa self evaluation tidak memiliki pengaruh terhadap overall course evaluation.

5.2. Implikasi Manajerial

Sehubungan dengan hasil penelitian ini maka saran yang dapat diajukan adalah bahwa jaminan kepuasan mahasiswa dapat menjadi salah satu strategi untuk mempertahankan keberadaan dan reputasi Universitas. Jaminan kepuasan mahasiswa yang diberikan kepada mahasiswa melalui model jaminan kepuasan mahasiswa yang telah dikembangkan oleh Gremler & McCollough yang terdiri dari: guarantee scope, guarantee components, guarantee credibility, overall guarantee attitude, learning outcomes, instructor evaluation, self evaluation dan overall course evaluation.

Selain itu jaminan kepuasan mahasiswa ini juga akan memberikan keuntungan yang besar bagi dunia pendidikan. (Chart 1988, Hart, Schlesinger, and Maher 1992) apalagi melihat kompetisi dalam dunia pendidikan di Yogyakarta yang semakin ketat. Untuk itu dunia pendidikan yang sudah berdiri dan diterima di masyarakat harus dapat mempertahankan keberadaanya. (Soelasih: 2004)

5.3. Keterbatasan Penelitian

Penelitian memiliki beberapa keterbatasan yang mempengaruhi hasil, yaitu: Penelitian ini menggunakan strategi *Strictly Confirmatory* (SC), yaitu pertama, peneliti mendalilkan suatu model berdasarkan pada teori dan mengumpulkan data yang mencukupi dan menguji kesesuaian dari hipotesis model dengan data. Hasilnya hanya bisa menolak atau menerima model saja.

Kedua, Penelitian ini hanya dilakukan di Fakultas Ekonomi Jurusan Manajemen Universitas Atma Jaya Yogyakarta. Untuk pengembangan dari penelitian ini dapat dilakukan di Fakultas yang lain juga dengan jumlah sampel yang lebih banyak.

Ketiga, Penelitian ini dikembangkan berdasarkan dari penelitian sebelumnya dimana penelitian sebelumnya dilakukan di Amerika. Penulis penelitian sebelumnya adalah Dwayne D.Gremmler & Michael A.McCollough. Dikarenakan penelitian ini dilakukan di Amerika, terdapat perbedaan budaya bahasa sehingga peneliti harus mencari bahasa yang sesuai agar mudah dipahami oleh responden.

Keempat, kuesioner didalam penelitian ini adalah sama dengan kuesioner yang telah dibuat oleh peneliti sebelumnya. Terdapat perbedaan budaya dan bahasa, oleh karena itu peneliti harus mencari istilah-istilah yang mudah dimengerti oleh responden.

Daftar Pustaka

Buku Pedoman Universitas Atma Jaya Yogyakarta, Agustus 2003

Cooper R. Donald and Emory. William. C (1996) Metode Penelitian Bisnis Jakarta:
Erlangga

Ferdinand. Augusty (2005) Modul Analisis Multivariat: Aplikasi SEM dengan
Program AMOS. Semarang: Fakultas Ekonomi Universitas Dipenogoro.

Ferdinand. Augusty (2005) Sturctural Equation Modeling Dalam Penelitian
Manajemen. Semarang: Badan Penerbit Universitas Dipenogoro.

Foster R.V. Timothy (2001) 101 Ways To Boost Customer Satisfaction
Jakarta: PT Elex Media Komputindo kelompok Gramedia

Gremler D.Dwayne and McCollough A.Michael (2002) Journal of Marketing
Education Student Satisfaction Guarantees: An Empirical Examination of
Attitudes, Antecedents and Consequences. Vol 24 no.2 August 2002 150-
160 Sage Publications

Gerson.F.Richard (2004) Mengukur Kepuasan Pelanggan Jakarta: PPM

Ghozali.Imam (2004) Model Persamaan Struktural: Konsep dan Aplikasi dengan
Program AMOS ver.5.0 Semarang: Badan Penerbit-UNDIP

Hart. W.L. Christopher (1988) The Power of Unconditional Service Guarantees.
Harvard Business Review July-August 1988.

Hair.F. Joseph, Anderson E. Rolph, Tatham L. Ronald, Black C. William (1998)
Multivariate Data Analysis. Prentice-Hall International, Inc.

Harian Kompas 17 Febuari 2005 edisi Jogja

Harian Kompas 10 Maret 2005 edisi Jogja

Kotler.Philip edisi Milenium Manajemen Pemasaran Jakarta: Prenhallindo
anggota IKAPI no. 286/ DKI

Rangkuti.Freddy (2003) Measuring Customer Satisfaction Jakarta: PT.Gramedia
Pustaka Utama

Robert A. Westbrook and Richard L. Oliver, "The Dimensionality of
Consumption Emotion Patterns and Consumer Satisfaction,"The Journal
of Consumer Research, Vol.18(Juni 1991), hlm.84-91.

Scott Dru (2003) Customer Satisfaction Jakarta: PPM

Soelasih.Yasintha (2004) Journal Ekonomi dan Bisnis. Analisis Tingkat Kepuasan
Mahasiswa Terhadap Kinerja Dosen dan Sarana Prasarana Fakultas
Ekonomi Unika Atma Jaya. 1 Februari 85-106

Supranto.J (2001) Statistik Teori dan Aplikasi Jilid 2 Jakarta: Erlangga

Solimun (2002) Multivariate Analysis Structural Equation Modelling (SEM)
Lisrel dan Amos. Malang: Penerbit Universitas Negeri Malang.

KUESIONER

Sehubungan dengan penyelesaian tugas akhir atau tesis kuisisioner ini dibuat dengan tujuan memperoleh data yang dibutuhkan dalam penulisan tesis. Adapun pencarian data tersebut untuk mengetahui **SEBUAH PENGUJIAN EMPIRIS PADA MODEL JAMINAN KEPUASAN MAHASISWA.**

Peneliti berharap kuesioner ini dapat diisi dengan sepenuh hati karena tanpa saudara-saudari penelitian ini tidak akan berhasil. Terima kasih sebelumnya.

I. Kuesioner Profil Responden

Petunjuk: Berilah tanda silang (X) pada nomor jawaban yang anda anggap sesuai dengan keadaan anda pada saat ini:

1. Jenis kelamin:
a. Pria b. Wanita
2. Mahasiswa angkatan:
a. 2004 b. 2003 c. 2002 d. 2001 e. 2000 f. 1999

II. Kuesioner Jaminan Kepuasan Mahasiswa

Berilah tanda silang (X) pada nomor jawaban anda.

- a. Sangat Setuju (SS) b. Setuju (S) c. Netral (N) d. Tidak Setuju (TS)
e. Sangat Tidak Setuju (STS)

No	Pertanyaan	SS	S	N	TS	STS
1.	Bahan-bahan matakuliah yang disampaikan sudah relevan.					
2.	Saya sangat puas dengan mata kuliah ini.					
3.	Banyaknya waktu kuliah adalah sesuai dengan jumlah sks mata kuliah.					
4.	Saya merasa mata kuliah ini sangat bermanfaat.					
5.	Secara keseluruhan pengajar sudah efektif.					
6.	Saya puas dengan usaha pengajar dalam mata kuliah ini.					
7.	Pengajar siap dan dapat mengorganisasi kelas dengan efektif.					
8.	Secara keseluruhan saya percaya pengajar sangat baik.					
9.	Dari Proses pembelajaran, saya belajar arti pentingnya kualitas pelayanan dan kepuasan mahasiswa.					
10.	Jika suatu saat berbisnis sendiri atau bekerja dengan orang lain, saya akan memberikan jaminan kepuasan seperti yang saya dapatkan di kelas ini.					

No	Pertanyaan	SS	S	N	TS	STS
11.	Dimasa yang akan datang saya akan merekomendasi jaminan kepuasan kepada atasan/ teman kerja, berdasar pada pengalaman saya dikelas ini.					
12.	Saya adalah seorang peserta didik yang baik.					
13.	Saya puas dengan usaha saya pada kelas ini.					
14.	Saya merasa sudah berpartisipasi dengan baik di kelas.					
15.	Saya fikir pada dasarnya jaminan kepuasan adalah ide yang baik.					
16.	Jaminan kepuasan adalah suatu pemborosan waktu.					
17.	Saya yakin kelas dengan jaminan kepuasan ini akan ditawarkan pada semester yang akan datang.					
18.	Saya berharap pengukuran jaminan kepuasan mempunyai jenjang/ tingkatan kepuasan.					
19.	Saya fikir seharusnya jaminan kepuasan mahasiswa tidak hanya tergantung pada kepuasan terhadap performence pengajar saja.					
20.	Jika saya belajar keras, saya percaya akan mendapat nilai minimal B.					
21.	Pada dasarnya istilah jaminan kepuasan dapat diterima secara umum.					
22.	Istilah jaminan kepuasan jelas dan mudah dimengerti.					
23.	Hasil yang diharapkan dengan adanya jaminan kepuasan dapat diterima secara umum.					
24.	Jaminan kepuasan tidak dapat diminta karena tergantung pada tipe pengajar.					
25.	Jika saya meminta jaminan kepuasan, saya takut akan menyinggung perasaan pengajar.					
26.	Saya fikir jaminan kepuasan bisa digunakan sebagai suatu bentuk penipuan.					
27.	Tidak ada gunanya menuntut/ meminta jaminan kepuasan.					

Terima kasih atas kesediaan anda mengisi kuesioner ini. Semoga prestasi belajar anda semakin meningkat dan dapat meraih masa depan yang gemilang! ☺

AMOR

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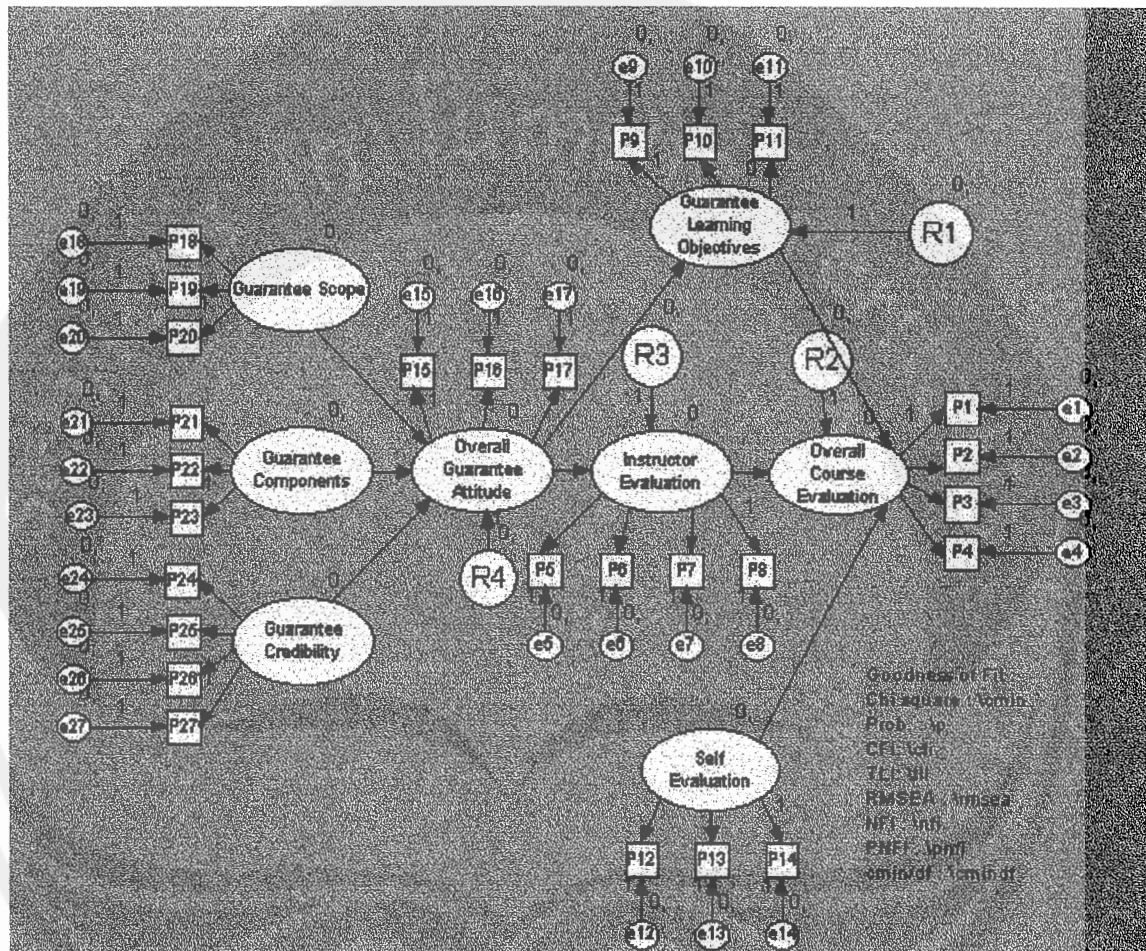
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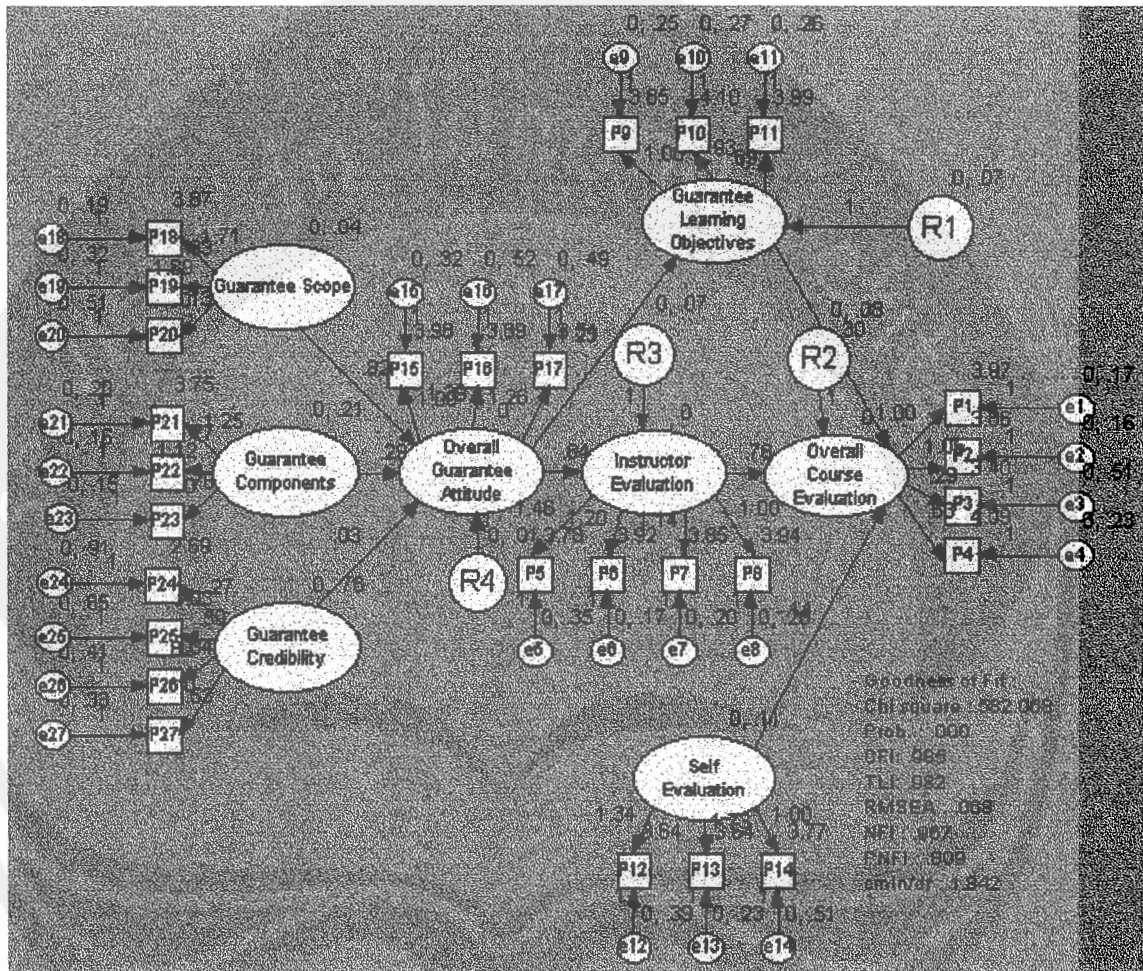
Hasil Input Model Jaminan Kepuasan Mahasiswa

Model Jaminan Kepuasan Mahasiswa



Hasil output Model Jaminan Kepuasan Mahasiswa

Model Jaminan Kepuasan Mahasiswa



abc

Wednesday, September 28, 2005

12:39:41

Amos

by James L. Arbuckle

Version 4.01

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1507 E. 53rd Street - #452
Chicago, IL 60615 USA
773-667-8635
Fax: 773-955-6252
<http://www.smallwaters.com>

Title

abc: Wednesday, September 28, 2005 12:39 PM

Your model contains the following variables

P20	observed	endogenous
P19	observed	endogenous
P18	observed	endogenous
P23	observed	endogenous
P22	observed	endogenous
P21	observed	endogenous
P27	observed	endogenous
P26	observed	endogenous
P25	observed	endogenous

P15	observed	endogenous
P16	observed	endogenous
P17	observed	endogenous
P9	observed	endogenous
P10	observed	endogenous
P11	observed	endogenous
P8	observed	endogenous
P7	observed	endogenous
P6	observed	endogenous
P5	observed	endogenous
P14	observed	endogenous
P13	observed	endogenous
P12	observed	endogenous
P1	observed	endogenous
P2	observed	endogenous
P3	observed	endogenous
P4	observed	endogenous
P24	observed	endogenous
Overall_Guarantee_Attitude	unobserved	endogenous
Guarantee_Learning_Objectives	unobserved	endogenous
Overall_Course_Evaluation	unobserved	endogenous
Instructor_Evaluation	unobserved	endogenous
Guarantee_Scope	unobserved	exogenous
e20	unobserved	exogenous
e19	unobserved	exogenous
e18	unobserved	exogenous
Guarantee_Components	unobserved	exogenous
e22	unobserved	exogenous
e21	unobserved	exogenous
Guarantee_Credibility	unobserved	exogenous
e27	unobserved	exogenous
e26	unobserved	exogenous
e25	unobserved	exogenous
e15	unobserved	exogenous
e16	unobserved	exogenous
e17	unobserved	exogenous
e9	unobserved	exogenous
e10	unobserved	exogenous
e11	unobserved	exogenous
e8	unobserved	exogenous
e7	unobserved	exogenous
e6	unobserved	exogenous
e5	unobserved	exogenous
Self_Evaluation	unobserved	exogenous
e14	unobserved	exogenous
e13	unobserved	exogenous
e12	unobserved	exogenous
e1	unobserved	exogenous
e2	unobserved	exogenous
e3	unobserved	exogenous
e4	unobserved	exogenous
e24	unobserved	exogenous
e23	unobserved	exogenous
R3	unobserved	exogenous
R1	unobserved	exogenous
R4	unobserved	exogenous
R2	unobserved	exogenous

Number of variables in your model: 66
 Number of observed variables: 27
 Number of unobserved variables: 39
 Number of exogenous variables: 35
 Number of endogenous variables: 31

Summary of Parameters

		Weights	Covariances	Variances	Means	Intercepts
Total						
-----		-----	-----	-----	-----	-----
	Fixed:	39	0	0	0	0
39	Labeled:	0	0	0	0	0
0	Unlabeled:	27	0	35	0	27
89						
-----		-----	-----	-----	-----	-----
	Total:	66	0	35	0	27
128						

NOTE:

The model is recursive.

Sample size: 181

Model: Default model

Computation of degrees of freedom

Number of distinct sample moments: 405
 Number of distinct parameters to be estimated: 89

Degrees of freedom: 316

0e 16	0.0e+000	-2.9835e-001	1.00e+004	1.68192800518e+003	0
1.00e+004					
1e 3	0.0e+000	-3.2171e-002	2.29e+000	1.01819898271e+003	20
7.21e-001					
2e 1	0.0e+000	-1.8285e-002	1.26e+000	7.62570481920e+002	4
8.34e-001					
3e 2	0.0e+000	-6.9672e-002	1.02e+000	6.75362176331e+002	5
8.17e-001					
4e 0	1.8e+003	0.0000e+000	1.34e+000	6.18208781158e+002	6
6.87e-001					
5e 0	1.6e+003	0.0000e+000	6.79e-001	5.94232811397e+002	2
0.00e+000					
6e 0	2.8e+003	0.0000e+000	6.57e-001	5.84754476449e+002	1
1.13e+000					
7e 0	6.7e+003	0.0000e+000	4.36e-001	5.82621795734e+002	1
1.17e+000					
8e 0	8.2e+003	0.0000e+000	3.56e-001	5.82191888053e+002	1
1.08e+000					
9e 0	1.7e+004	0.0000e+000	1.53e-001	5.82081402482e+002	1
1.12e+000					

10e	0	1.9e+004	0.0000e+000	1.08e-001	5.82068899564e+002	1
1.05e+000						
11e	0	2.2e+004	0.0000e+000	1.44e-002	5.82068335774e+002	1
1.02e+000						
12e	0	2.2e+004	0.0000e+000	1.04e-003	5.82068334902e+002	1
1.00e+000						
13e	0	2.2e+004	0.0000e+000	1.32e-006	5.82068334902e+002	1
9.54e+000						

Minimum was achieved

Chi-square = 582.068
 Degrees of freedom = 316
 Probability level = 0.000

Maximum Likelihood Estimates

Regression Weights: Label	Estimate	S.E.	C.R.
Overall_Guarante <- Guarantee_Compon par-16	0.292	0.075	3.885
Overall_Guarantee <- Guarantee Scope par-19	0.820	0.359	2.286
Overall_Guarante <- Guarantee_Credib par-20	0.033	0.026	1.257
Guarantee_Learn1 <- Overall_Guarante par-11	1.229	0.337	3.646
Instructor_Evalu <- Overall_Guarante par-15	0.838	0.226	3.702
Overall_Course_E <- Guarantee_Learn1 par-12	0.297	0.140	2.122
Overall_Course_Ev <- Self_Evaluation par-13	-0.137	0.127	-1.081
Overall_Course_E <- Instructor_Evalu par-14	0.763	0.188	4.049
P20 <----- Guarantee Scope	1.000		
P19 <----- Guarantee Scope	1.892	0.697	2.716
par-1			
P18 <----- Guarantee Scope	1.714	0.645	2.656
par-2			
P23 <----- Guarantee_Components	1.000		
P22 <----- Guarantee_Components	1.123	0.118	9.544
par-3			
P21 <----- Guarantee_Components	1.252	0.131	9.592
par-4			
P27 <----- Guarantee_Credibility	1.000		
P25 <----- Guarantee_Credibility	0.500	0.107	4.664
par-5			
P17 <----- Overall_Guarantee_Attitude	1.263	0.342	3.689
par-6			
P9 <-- Guarantee_Learning_Objectives	1.000		
P14 <----- Self_Evaluation	1.000		

P13 <----- Self_Evaluation par-7	1.735	0.490	3.540
P12 <----- Self_Evaluation par-8	1.338	0.328	4.080
P3 <----- Overall_Course_Evaluation par-9	0.295	0.142	2.077
P24 <----- Guarantee_Credibility par-10	0.270	0.103	2.605
P15 <---- Overall_Guarantee_Attitude P10 <- Guarantee_Learning_Objectives par-17	1.000		
P11 <- Guarantee_Learning_Objectives par-18	0.932	0.211	4.429
P5 <----- Instructor_Evaluation par-21	0.690	0.177	3.890
P7 <----- Instructor_Evaluation par-22	1.456	0.262	5.561
P8 <----- Instructor_Evaluation P26 <----- Guarantee_Credibility par-23	1.137	0.191	5.955
P16 <---- Overall_Guarantee_Attitude par-24	1.000		
P6 <----- Instructor_Evaluation par-25	0.818	0.130	6.310
P1 <----- Overall_Course_Evaluation P2 <----- Overall_Course_Evaluation par-26	1.385	0.350	3.962
P4 <----- Overall_Course_Evaluation par-27	1.205	0.201	5.989
	1.000		
	1.048	0.128	8.175
	0.625	0.118	5.281

Standardized Regression Weights: Estimate

Overall_Guarante <- Guarantee_Compon	0.574
Overall_Guarantee <- Guarantee Scope	0.712
Overall_Guarante <- Guarantee_Credib	0.124
Guarantee_Learni <- Overall_Guarante	0.737
Instructor_Evalu <- Overall_Guarante	0.596
Overall_Course_E <- Guarantee_Learni	0.268
Overall_Course_Ev <- Self_Evaluation	-0.107
Overall_Course_E <- Instructor_Evalu	0.582
P20 <----- Guarantee Scope	0.274
P19 <----- Guarantee Scope	0.566
P18 <----- Guarantee Scope	0.624
P23 <----- Guarantee_Components	0.770
P22 <----- Guarantee_Components	0.787
P21 <----- Guarantee_Components	0.791
P27 <----- Guarantee_Credibility	0.836
P25 <----- Guarantee_Credibility	0.427
P17 <---- Overall_Guarantee_Attitude	0.392
P9 <-- Guarantee_Learning_Objectives	0.618
P14 <----- Self_Evaluation	0.426
P13 <----- Self_Evaluation	0.773
P12 <----- Self_Evaluation	0.585
P3 <----- Overall_Course_Evaluation	0.176
P24 <----- Guarantee_Credibility	0.239
P15 <---- Overall_Guarantee_Attitude	0.383
P10 <- Guarantee_Learning_Objectives	0.572
P11 <- Guarantee_Learning_Objectives	0.467
P5 <----- Instructor_Evaluation	0.629
P7 <----- Instructor_Evaluation	0.646
P8 <----- Instructor_Evaluation	0.527

P26 <----- Guarantee_Credibility 0.744
P16 <----- Overall_Guarantee_Attitude 0.410
P6 <----- Instructor_Evaluation 0.695
F1 <----- Overall_Course_Evaluation 0.722
P2 <----- Overall_Course_Evaluation 0.754
P4 <----- Overall_Course_Evaluation 0.490

Intercepts: Label		Estimate	S.E.	C.R.
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	P20	4.127	0.055	74.465
par-28	P19	3.928	0.051	77.331
par-29	P18	3.867	0.042	92.609
par-30	P23	3.762	0.045	84.374
par-31	P22	3.768	0.049	76.883
par-32	P21	3.746	0.054	68.896
par-33	P27	3.530	0.078	45.391
par-34	P26	3.343	0.072	46.720
par-35	P25	3.028	0.076	39.765
par-36	P15	3.978	0.046	87.152
par-37	P16	3.890	0.059	65.788
par-38	P17	3.541	0.056	62.775
par-39	P9	3.845	0.047	81.463
par-40	P10	4.099	0.048	86.288
par-41	P11	3.989	0.043	92.557
par-42	P8	3.939	0.047	84.442
par-43	P7	3.851	0.043	88.905
par-44	P6	3.920	0.043	91.838
par-45	P5	3.785	0.057	66.486
par-46	P14	3.773	0.059	63.872
par-47	P13	3.635	0.056	64.364
par-48	P12	3.635	0.058	63.160
par-49	P1	3.967	0.045	88.760
par-50	P2	3.856	0.045	86.028
par-51	P3	3.403	0.054	62.862
par-52				

par-53	P4	4.094	0.041	99.532
par-54	P24	2.685	0.073	36.631

Variances: Label		Estimate	S.E.	C.R.
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	Guarantee Scope	0.042	0.029	1.437
par-55				
	Guarantee_Components	0.212	0.038	5.573
par-56				
	Guarantee_Credibility	0.761	0.156	4.882
par-57				
	Self_Evaluation	0.114	0.048	2.359
par-58				
	R4	0.008	0.010	0.847
par-59				
	R3	0.070	0.022	3.218
par-60				
	R1	0.070	0.026	2.666
par-61				
	R2	0.083	0.026	3.212
par-62				
	e20	0.511	0.057	8.970
par-63				
	e19	0.316	0.050	6.363
par-64				
	e18	0.192	0.035	5.456
par-65				
	e22	0.164	0.027	6.172
par-66				
	e21	0.199	0.033	6.092
par-67				
	e27	0.328	0.116	2.817
par-68				
	e26	0.412	0.083	4.936
par-69				
	e25	0.853	0.097	8.832
par-70				
	e15	0.320	0.036	8.782
par-71				
	e16	0.523	0.061	8.646
par-72				
	e17	0.485	0.055	8.772
par-73				
	e9	0.248	0.041	6.110
par-74				
	e10	0.273	0.044	6.273
par-75				
	e11	0.261	0.035	7.472
par-76				
	e8	0.283	0.034	8.338
par-77				
	e7	0.197	0.027	7.362
par-78				
	e6	0.169	0.025	6.759
par-79				
	e5	0.352	0.046	7.585
par-80				

par-81	e14	0.514	0.062	8.310
par-82	e13	0.231	0.093	12.490
par-83	e12	0.392	0.068	5.807
par-84	e1	0.172	0.027	6.283
par-85	e2	0.156	0.028	5.565
par-86	e3	0.511	0.054	9.394
par-87	e4	0.231	0.028	8.378
par-88	e24	0.912	0.098	9.279
par-89	e23	0.145	0.022	6.504

Squared Multiple Correlations: Estimate

Overall_Guarantee_Attitude	0.851
Instructor_Evaluation	0.355
Guarantee_Learning_Objectives	0.543
Overall_Course_Evaluation	0.559
P24	0.057
P4	0.240
P3	0.031
P2	0.569
P1	0.521
P12	0.342
P13	0.598
P14	0.182
P5	0.396
P6	0.483
P7	0.417
P8	0.278
P11	0.218
P10	0.328
P9	0.382
P17	0.153
P16	0.168
P15	0.147
P25	0.182
P26	0.553
P27	0.699
P21	0.626
P22	0.620
P23	0.594
P18	0.389
P19	0.320
P20	0.075

Implied (for all variables) Covariances

	Guarante	Guarante	Guarante	Self_Eva	Overall_	Instruct	Guarante
Guarantee	0.761						
Guarantee	0.000	0.212					
Guarantee	0.000	0.000	0.042				

Self_Eval	0.000	0.000	0.000	0.114			
Overall_G	0.025	0.062	0.034	0.000	0.055		
Instructo	0.021	0.052	0.029	0.000	0.046	0.109	
Guarantee	0.031	0.076	0.042	0.000	0.068	0.057	0.153
Overall_C	0.025	0.062	0.034	-0.016	0.055	0.100	0.089
P24	0.205	0.000	0.000	0.000	0.007	0.006	0.008
P4	0.016	0.039	0.021	-0.010	0.035	0.062	0.055
P3	0.007	0.018	0.010	-0.005	0.016	0.029	0.026
P2	0.027	0.065	0.036	-0.016	0.058	0.105	0.093
P1	0.025	0.062	0.034	-0.016	0.055	0.100	0.089
P12	0.000	0.000	0.000	0.153	0.000	0.000	0.000
P13	0.000	0.000	0.000	0.198	0.000	0.000	0.000
P14	0.000	0.000	0.000	0.114	0.000	0.000	0.000
P5	0.031	0.076	0.042	0.000	0.067	0.159	0.083
P6	0.026	0.063	0.034	0.000	0.056	0.131	0.068
P7	0.024	0.059	0.032	0.000	0.052	0.124	0.064
P8	0.021	0.052	0.029	0.000	0.046	0.109	0.057
P11	0.021	0.053	0.029	0.000	0.047	0.039	0.106
P10	0.029	0.071	0.039	0.000	0.063	0.053	0.143
P9	0.031	0.076	0.042	0.000	0.068	0.057	0.153
P17	0.032	0.078	0.043	0.000	0.070	0.058	0.085
P16	0.035	0.086	0.047	0.000	0.076	0.064	0.094
P15	0.025	0.062	0.034	0.000	0.055	0.046	0.068
P25	0.381	0.000	0.000	0.000	0.013	0.011	0.016
P26	0.623	0.000	0.000	0.000	0.021	0.017	0.025
P27	0.761	0.000	0.000	0.000	0.025	0.021	0.031
P21	0.000	0.266	0.000	0.000	0.078	0.065	0.095
P22	0.000	0.239	0.000	0.000	0.070	0.058	0.086
P23	0.000	0.212	0.000	0.000	0.062	0.052	0.076
P18	0.000	0.000	0.071	0.000	0.058	0.049	0.072
P19	0.000	0.000	0.079	0.000	0.064	0.054	0.079
P20	0.000	0.000	0.042	0.000	0.034	0.024	0.042

	Overall_	P24	P4	P3	P2	P1	P12
Overall_C	0.187						
P24	0.007	0.967					
P4	0.117	0.004	0.305				
P3	0.055	0.002	0.035	0.528			
P2	0.196	0.007	0.123	0.058	0.362		
P1	0.187	0.007	0.117	0.055	0.196	0.360	
P12	-0.021	-0.000	-0.013	-0.006	-0.022	-0.021	0.596
P13	-0.027	0.000	-0.017	-0.008	-0.029	-0.027	0.265
P14	-0.016	0.000	-0.010	-0.005	-0.016	-0.016	0.153
P5	0.145	0.008	0.091	0.043	0.152	0.145	0.000
P6	0.120	0.007	0.075	0.035	0.126	0.120	0.000
P7	0.114	0.007	0.071	0.033	0.119	0.114	-0.000
P8	0.100	0.006	0.062	0.029	0.105	0.100	-0.000
P11	0.061	0.006	0.038	0.018	0.064	0.061	0.000
P10	0.083	0.008	0.052	0.024	0.087	0.083	0.000
P9	0.089	0.008	0.055	0.026	0.093	0.089	0.000
P17	0.070	0.009	0.044	0.021	0.073	0.070	0.000
P16	0.077	0.009	0.048	0.023	0.080	0.077	-0.000
P15	0.055	0.007	0.035	0.016	0.058	0.055	-0.000
P25	0.013	0.103	0.008	0.004	0.013	0.013	0.000
P26	0.021	0.168	0.013	0.006	0.022	0.021	-0.000
P27	0.025	0.205	0.016	0.007	0.027	0.025	0.000
P21	0.078	-0.000	0.049	0.023	0.082	0.078	0.000
P22	0.070	0.000	0.044	0.021	0.073	0.070	0.000
P23	0.062	0.000	0.039	0.018	0.065	0.062	0.000
P18	0.059	-0.000	0.037	0.017	0.061	0.059	-0.000
P19	0.065	-0.000	0.040	0.019	0.068	0.065	0.000

P20 0.034 0.000 0.021 0.010 0.036 0.034 0.000

	P13	P14	P5	P6	P7	P8	P11
P13	0.574						
P14	0.198	0.628					
P5	0.000	0.000	0.583				
P6	-0.000	0.000	0.191	0.327			
P7	-0.000	-0.000	0.180	0.149	0.338		
P8	-0.000	-0.000	0.159	0.131	0.124	0.392	
P11	0.000	0.000	0.057	0.047	0.044	0.039	0.334
P10	0.000	-0.000	0.077	0.064	0.060	0.053	0.098
P9	0.000	-0.000	0.083	0.068	0.064	0.057	0.106
P17	0.000	-0.000	0.085	0.070	0.066	0.058	0.059
P16	-0.000	0.000	0.093	0.077	0.073	0.064	0.065
P15	-0.000	-0.000	0.067	0.056	0.052	0.046	0.047
P25	0.000	-0.000	0.015	0.013	0.012	0.011	0.011
P26	0.000	-0.000	0.025	0.021	0.020	0.017	0.018
P27	0.000	0.000	0.031	0.026	0.024	0.021	0.021
P21	0.000	-0.000	0.095	0.078	0.074	0.065	0.066
P22	-0.000	-0.000	0.085	0.070	0.066	0.058	0.059
P23	0.000	-0.000	0.076	0.063	0.059	0.052	0.053
P18	-0.000	0.000	0.071	0.059	0.056	0.049	0.049
P19	0.000	-0.000	0.079	0.065	0.061	0.054	0.055
P20	0.000	-0.000	0.042	0.034	0.032	0.029	0.029

	P10	P9	P17	P16	P15	P25	P26
P10	0.406						
P9	0.143	0.401					
P17	0.080	0.085	0.573				
P16	0.087	0.094	0.096	0.629			
P15	0.063	0.068	0.070	0.076	0.375		
P25	0.015	0.016	0.016	0.018	0.013	1.043	
P26	0.024	0.025	0.026	0.029	0.021	0.311	0.921
P27	0.029	0.031	0.032	0.035	0.025	0.381	0.623
P21	0.089	0.095	0.098	0.108	0.078	0.000	-0.000
P22	0.080	0.086	0.088	0.097	0.070	0.000	-0.000
P23	0.071	0.076	0.078	0.086	0.062	-0.000	-0.000
P18	0.067	0.072	0.074	0.081	0.058	-0.000	-0.000
P19	0.074	0.079	0.081	0.089	0.064	-0.000	-0.000
P20	0.039	0.042	0.043	0.047	0.034	-0.000	0.000

	P27	P21	P22	P23	P18	P19	P20
P27	1.089						
P21	0.000	0.532					
P22	0.000	0.299	0.432				
P23	-0.000	0.266	0.239	0.358			
P18	-0.000	0.000	0.000	0.000	0.314		
P19	-0.000	-0.000	-0.000	0.000	0.135	0.464	
P20	0.000	0.000	-0.000	-0.000	0.071	0.079	0.553

Implied (for all variables) Correlations

	Guarante	Guarante	Guarante	Self_Eva	Overall_	Instruct	Guarante
Guarantee	1.000						
Guarantee	0.000	1.000					
Guarantee	0.000	0.000	1.000				
Self_Eval	0.000	0.000	0.000	1.000			

Overall_G	0.124	0.574	0.712	0.000	1.000		
Instructo	0.074	0.342	0.424	0.000	0.596	1.000	
Guarantee	0.091	0.423	0.525	0.000	0.737	0.439	1.000
Overall_C	0.067	0.312	0.388	-0.107	0.544	0.700	0.524
P24	0.239	0.000	0.000	0.000	0.030	0.018	0.022
P4	0.033	0.153	0.190	-0.053	0.267	0.343	0.257
P3	0.012	0.055	0.068	-0.019	0.096	0.123	0.092
P2	0.051	0.236	0.292	-0.081	0.411	0.528	0.395
P1	0.049	0.225	0.280	-0.077	0.393	0.505	0.378
P12	0.000	0.000	0.000	0.585	0.000	0.000	0.000
P13	0.000	0.000	0.000	0.773	0.000	0.000	0.000
P14	0.000	0.000	0.000	0.426	0.000	0.000	0.000
P5	0.046	0.215	0.267	0.000	0.375	0.629	0.276
P6	0.051	0.238	0.295	0.000	0.414	0.695	0.305
P7	0.048	0.221	0.274	0.000	0.385	0.646	0.284
P8	0.039	0.180	0.224	0.000	0.314	0.527	0.232
P11	0.043	0.197	0.245	0.000	0.344	0.205	0.467
P10	0.052	0.242	0.300	0.000	0.422	0.251	0.572
P9	0.056	0.261	0.324	0.000	0.455	0.271	0.618
P17	0.048	0.225	0.279	0.000	0.392	0.233	0.289
P16	0.051	0.235	0.292	0.000	0.410	0.244	0.302
P15	0.047	0.220	0.273	0.000	0.383	0.228	0.282
P25	0.427	0.000	0.000	0.000	0.053	0.031	0.039
P26	0.744	0.000	0.000	0.000	0.092	0.055	0.068
P27	0.836	0.000	0.000	0.000	0.103	0.062	0.076
P21	0.000	0.791	0.000	0.000	0.454	0.271	0.335
P22	0.000	0.787	0.000	0.000	0.452	0.269	0.333
P23	0.000	0.770	0.000	0.000	0.442	0.263	0.326
P18	0.000	0.000	0.624	0.000	0.444	0.265	0.327
P19	0.000	0.000	0.566	0.000	0.403	0.240	0.297
P20	0.000	0.000	0.274	0.000	0.195	0.116	0.144

	Overall_	P24	P4	P3	P2	P1	P12
Overall_C	1.000						
P24	0.016	1.000					
P4	0.490	0.008	1.000				
P3	0.176	0.003	0.086	1.000			
P2	0.754	0.012	0.370	0.132	1.000		
P1	0.722	0.012	0.354	0.127	0.544	1.000	
P12	-0.063	-0.000	-0.031	-0.011	-0.047	-0.045	1.000
P13	-0.083	0.000	-0.041	-0.015	-0.063	-0.060	0.452
P14	-0.046	0.000	-0.022	-0.008	-0.034	-0.033	0.249
P5	0.440	0.011	0.216	0.077	0.332	0.318	0.000
P6	0.486	0.012	0.238	0.085	0.367	0.351	0.000
P7	0.452	0.011	0.221	0.079	0.341	0.326	-0.000
P8	0.369	0.009	0.181	0.065	0.278	0.266	-0.000
P11	0.245	0.010	0.120	0.043	0.184	0.177	0.000
P10	0.300	0.012	0.147	0.053	0.226	0.216	0.000
P9	0.324	0.013	0.159	0.057	0.244	0.234	0.000
P17	0.213	0.012	0.105	0.037	0.161	0.154	0.000
P16	0.223	0.012	0.109	0.039	0.168	0.161	-0.000
P15	0.209	0.011	0.102	0.037	0.157	0.151	-0.000
P25	0.029	0.102	0.014	0.005	0.022	0.021	0.000
P26	0.050	0.178	0.025	0.009	0.038	0.036	-0.000
P27	0.056	0.200	0.028	0.010	0.042	0.041	0.000
P21	0.247	-0.000	0.121	0.043	0.186	0.178	0.000
P22	0.246	0.000	0.121	0.043	0.185	0.177	0.000
P23	0.241	0.000	0.118	0.042	0.181	0.174	0.000
P18	0.242	-0.000	0.119	0.042	0.182	0.174	-0.000
P19	0.219	-0.000	0.108	0.039	0.165	0.158	0.000
P20	0.106	0.000	0.052	0.019	0.080	0.077	0.000

	P13	P14	P5	P6	P7	P8	P11
P13	1.000						
P14	0.329	1.000					
P5	0.000	0.000	1.000				
P6	-0.000	0.000	0.437	1.000			
P7	-0.000	-0.000	0.406	0.449	1.000		
P8	-0.000	-0.000	0.332	0.366	0.340	1.000	
P11	0.000	0.000	0.129	0.143	0.132	0.108	1.000
P10	0.000	-0.000	0.158	0.175	0.162	0.133	0.267
P9	0.000	-0.000	0.171	0.189	0.175	0.143	0.288
P17	0.000	-0.000	0.147	0.162	0.151	0.123	0.135
P16	-0.000	0.000	0.154	0.170	0.158	0.129	0.141
P15	-0.000	-0.000	0.144	0.159	0.147	0.120	0.132
P25	0.000	-0.000	0.020	0.022	0.020	0.017	0.018
P26	0.000	-0.000	0.034	0.038	0.035	0.029	0.032
P27	0.000	0.000	0.039	0.043	0.040	0.032	0.036
P21	0.000	-0.000	0.170	0.188	0.175	0.143	0.156
P22	-0.000	-0.000	0.169	0.187	0.174	0.142	0.155
P23	0.000	-0.000	0.166	0.183	0.170	0.139	0.152
P18	-0.000	0.000	0.166	0.184	0.171	0.139	0.153
P19	0.000	-0.000	0.151	0.167	0.155	0.127	0.139
P20	0.000	-0.000	0.073	0.081	0.075	0.061	0.067

	P10	P9	P17	P16	P15	P25	P26
P10	1.000						
P9	0.354	1.000					
P17	0.165	0.178	1.000				
P16	0.173	0.187	0.161	1.000			
P15	0.162	0.175	0.150	0.157	1.000		
P25	0.022	0.024	0.021	0.022	0.020	1.000	
P26	0.039	0.042	0.036	0.038	0.035	0.317	1.000
P27	0.044	0.047	0.040	0.042	0.040	0.357	0.622
P21	0.191	0.207	0.178	0.186	0.174	0.000	-0.000
P22	0.190	0.206	0.177	0.185	0.173	0.000	-0.000
P23	0.186	0.201	0.173	0.181	0.169	-0.000	-0.000
P18	0.187	0.202	0.174	0.182	0.170	-0.000	-0.000
P19	0.170	0.183	0.158	0.165	0.154	-0.000	-0.000
P20	0.082	0.089	0.076	0.080	0.075	-0.000	0.000

	P27	P21	P22	P23	P18	P19	P20
P27	1.000						
P21	0.000	1.000					
P22	0.000	0.623	1.000				
P23	-0.000	0.610	0.606	1.000			
P18	-0.000	0.000	0.000	0.000	1.000		
P19	-0.000	-0.000	-0.000	0.000	0.353	1.000	
P20	0.000	0.000	-0.000	-0.000	0.171	0.155	1.000

Implied (for all variables) Means

Guarante	Guarante	Guarante	Self_Eva	Overall_	Instruct	Guarante
0.000	0.000	0.000	0.000	0.000	0.000	0.000
Overall_	P24	P4	P3	P2	P1	P12

	0.000	2.685	4.094	3.403	3.856	3.967	3.635
P13	P14	P5	P6	P7	P8	P11	
3.635	3.773	3.785	3.920	3.851	3.939	3.989	
P10	P9	P17	P16	P15	P25	P26	
4.099	3.845	3.541	3.890	3.978	3.028	3.343	
P27	P21	P22	P23	P18	P19	P20	
3.530	3.746	3.768	3.762	3.867	3.928	4.127	

Implied Covariances

	P24	P4	P3	P2	P1	P12	P13
P24	0.967						
P4	0.004	0.305					
P3	0.002	0.035	0.528				
P2	0.007	0.123	0.058	0.362			
P1	0.007	0.117	0.055	0.196	0.360		
P12	-0.000	-0.013	-0.006	-0.022	-0.021	0.596	
P13	0.000	-0.017	-0.008	-0.029	-0.027	0.265	0.574
P14	0.000	-0.010	-0.005	-0.016	-0.016	0.153	0.198
P5	0.008	0.091	0.043	0.152	0.145	0.000	0.000
P6	0.007	0.075	0.035	0.126	0.120	0.000	-0.000
P7	0.007	0.071	0.033	0.119	0.114	-0.000	-0.000
P8	0.006	0.062	0.029	0.105	0.100	-0.000	-0.000
P11	0.006	0.038	0.018	0.064	0.061	0.000	0.000
P10	0.008	0.052	0.024	0.087	0.083	0.000	0.000
P9	0.008	0.055	0.026	0.093	0.089	0.000	0.000
P17	0.009	0.044	0.021	0.073	0.070	0.000	0.000
P16	0.009	0.048	0.023	0.080	0.077	-0.000	-0.000
P15	0.007	0.035	0.016	0.058	0.055	-0.000	-0.000
P25	0.103	0.008	0.004	0.013	0.013	0.000	0.000
P26	0.168	0.013	0.006	0.022	0.021	-0.000	0.000
P27	0.205	0.016	0.007	0.027	0.025	0.000	0.000
P21	-0.000	0.049	0.023	0.082	0.078	0.000	0.000
P22	0.000	0.044	0.021	0.073	0.070	0.000	-0.000
P23	0.000	0.039	0.018	0.065	0.062	0.000	0.000
P18	-0.000	0.037	0.017	0.061	0.059	-0.000	-0.000
P19	-0.000	0.040	0.019	0.068	0.065	0.000	0.000
P20	0.000	0.021	0.010	0.036	0.034	0.000	0.000
	P14	P5	P6	P7	P8	P11	P10
P14	0.628						
P5	0.000	0.583					
P6	0.000	0.191	0.327				
P7	-0.000	0.180	0.149	0.338			
P8	-0.000	0.159	0.131	0.124	0.392		
P11	0.000	0.057	0.047	0.044	0.039	0.334	
P10	-0.000	0.077	0.064	0.060	0.053	0.098	0.406
P9	-0.000	0.083	0.068	0.064	0.057	0.106	0.143
P17	-0.000	0.085	0.070	0.066	0.058	0.059	0.080
P16	0.000	0.093	0.077	0.073	0.064	0.065	0.087
P15	-0.000	0.067	0.056	0.052	0.046	0.047	0.063
P25	-0.000	0.015	0.013	0.012	0.011	0.011	0.015
P26	-0.000	0.025	0.021	0.020	0.017	0.018	0.024
P27	0.000	0.031	0.026	0.024	0.021	0.021	0.029

P21	-0.000	0.095	0.078	0.074	0.065	0.066	0.089
P22	-0.000	0.085	0.070	0.066	0.058	0.059	0.080
P23	-0.000	0.076	0.063	0.059	0.052	0.053	0.071
P18	0.000	0.071	0.059	0.056	0.049	0.049	0.067
P19	-0.000	0.079	0.065	0.061	0.054	0.055	0.074
P20	-0.000	0.042	0.034	0.032	0.029	0.029	0.039

	P9	P17	P16	P15	P25	P26	P27
P9	0.401						
P17	0.085	0.573					
P16	0.094	0.096	0.629				
P15	0.068	0.070	0.076	0.375			
P25	0.016	0.016	0.018	0.013	1.043		
P26	0.025	0.026	0.029	0.021	0.311	0.921	
P27	0.031	0.032	0.035	0.025	0.381	0.623	1.089
P21	0.095	0.098	0.108	0.078	0.000	-0.000	0.000
P22	0.086	0.088	0.097	0.070	0.000	-0.000	0.000
P23	0.076	0.078	0.086	0.062	-0.000	-0.000	-0.000
P18	0.072	0.074	0.081	0.058	-0.000	-0.000	-0.000
P19	0.079	0.081	0.089	0.064	-0.000	-0.000	-0.000
P20	0.042	0.043	0.047	0.034	-0.000	0.000	0.000

	P21	P22	P23	P18	P19	P20
P21	0.532					
P22	0.299	0.432				
P23	0.266	0.239	0.358			
P18	0.000	0.000	0.000	0.314		
P19	-0.000	-0.000	0.000	0.135	0.464	
P20	0.000	-0.000	-0.000	0.071	0.079	0.553

Implied Correlations

	P24	P4	P3	P2	P1	P12	P13
P24	1.000						
P4	0.008	1.000					
P3	0.003	0.086	1.000				
P2	0.012	0.370	0.132	1.000			
P1	0.012	0.354	0.127	0.544	1.000		
P12	-0.000	-0.031	-0.011	-0.047	-0.045	1.000	
P13	0.000	-0.041	-0.015	-0.063	-0.060	0.452	1.000
P14	0.000	-0.022	-0.008	-0.034	-0.033	0.249	0.329
P5	0.011	0.216	0.077	0.332	0.318	0.000	0.000
P6	0.012	0.238	0.085	0.367	0.351	0.000	-0.000
P7	0.011	0.221	0.079	0.341	0.326	-0.000	-0.000
P8	0.009	0.181	0.065	0.278	0.266	-0.000	-0.000
P11	0.010	0.120	0.043	0.184	0.177	0.000	0.000
P10	0.012	0.147	0.053	0.226	0.216	0.000	0.000
P9	0.013	0.159	0.057	0.244	0.234	0.000	0.000
P17	0.012	0.105	0.037	0.161	0.154	0.000	0.000
P16	0.012	0.109	0.039	0.168	0.161	-0.000	-0.000
P15	0.011	0.102	0.037	0.157	0.151	-0.000	-0.000
P25	0.102	0.014	0.005	0.022	0.021	0.000	0.000
P26	0.178	0.025	0.009	0.038	0.036	-0.000	0.000
P27	0.200	0.028	0.010	0.042	0.041	0.000	0.000
P21	-0.000	0.121	0.043	0.186	0.178	0.000	0.000
P22	0.000	0.121	0.043	0.185	0.177	0.000	-0.000
P23	0.000	0.118	0.042	0.181	0.174	0.000	0.000

P18	-0.000	0.119	0.042	0.182	0.174	-0.000	-0.000
P19	-0.000	0.108	0.039	0.165	0.158	0.000	0.000
P20	0.000	0.052	0.019	0.080	0.077	0.000	0.000

	P14	P5	P6	P7	P8	P11	P10
P14	1.000						
P5	0.000	1.000					
P6	0.000	0.437	1.000				
P7	-0.000	0.406	0.449	1.000			
P8	-0.000	0.332	0.366	0.340	1.000		
P11	0.000	0.129	0.143	0.132	0.108	1.000	
P10	-0.000	0.158	0.175	0.162	0.133	0.267	1.000
P9	-0.000	0.171	0.189	0.175	0.143	0.288	0.354
P17	-0.000	0.147	0.162	0.151	0.123	0.135	0.165
P16	0.000	0.154	0.170	0.158	0.129	0.141	0.173
P15	-0.000	0.144	0.159	0.147	0.120	0.132	0.162
P25	-0.000	0.020	0.022	0.020	0.017	0.018	0.022
P26	-0.000	0.034	0.038	0.035	0.029	0.032	0.039
P27	0.000	0.039	0.043	0.040	0.032	0.036	0.044
P21	-0.000	0.170	0.188	0.175	0.143	0.156	0.191
P22	-0.000	0.169	0.187	0.174	0.142	0.155	0.190
P23	-0.000	0.166	0.183	0.170	0.139	0.152	0.186
P18	0.000	0.166	0.184	0.171	0.139	0.153	0.187
P19	-0.000	0.151	0.167	0.155	0.127	0.139	0.170
P20	-0.000	0.073	0.081	0.075	0.061	0.067	0.082

	P9	P17	P16	P15	P25	P26	P27
P9	1.000						
P17	0.178	1.000					
P16	0.187	0.161	1.000				
P15	0.175	0.150	0.157	1.000			
P25	0.024	0.021	0.022	0.020	1.000		
P26	0.042	0.036	0.038	0.035	0.317	1.000	
P27	0.047	0.040	0.042	0.040	0.357	0.622	1.000
P21	0.207	0.178	0.186	0.174	0.000	-0.000	0.000
P22	0.206	0.177	0.185	0.173	0.000	-0.000	0.000
P23	0.201	0.173	0.181	0.169	-0.000	-0.000	-0.000
P18	0.202	0.174	0.182	0.170	-0.000	-0.000	-0.000
P19	0.183	0.158	0.165	0.154	-0.000	-0.000	-0.000
P20	0.089	0.076	0.080	0.075	-0.000	0.000	0.000

	P21	P22	P23	P18	P19	P20
P21	1.000					
P22	0.623	1.000				
P23	0.610	0.606	1.000			
P18	0.000	0.000	0.000	1.000		
P19	-0.000	-0.000	0.000	0.353	1.000	
P20	0.000	-0.000	-0.000	0.171	0.155	1.000

Implied Means

P24	P4	P3	P2	P1	P12	P13
2.685	4.094	3.403	3.856	3.967	3.635	3.635
P14	P5	P6	P7	P8	P11	P10

3.773 3.785 3.920 3.851 3.939 3.989 4.099

P9	P17	P16	P15	P25	P26	P27
3.845	3.541	3.890	3.978	3.028	3.343	3.530
P21	P22	P23	P18	P19	P20	
3.746	3.768	3.762	3.867	3.928	4.127	

Factor Score Weights

	P24	P4	P3	P2	P1	P12	P13
Guarantee	0.0463	0.0016	0.0003	0.0039	0.0034	0.0001	0.0003
Guarantee	-0.0003	0.0033	0.0007	0.0081	0.0070	0.0003	0.0006
Guarantee	-0.0004	0.0047	0.0010	0.0117	0.0101	0.0004	0.0009
Self_Eval	0.0000	-0.0052	-0.0011	-0.0128	-0.0111	0.1200	0.2644
Overall_G	0.0009	0.0074	0.0016	0.0183	0.0158	0.0007	0.0015
Instructo	0.0002	0.0230	0.0049	0.0573	0.0495	0.0021	0.0046
Guarantee	0.0007	0.0190	0.0041	0.0473	0.0409	0.0017	0.0038
Overall_C	0.0002	0.1116	0.0238	0.2774	0.2397	-0.0065	-0.0143

	P14	P5	P6	P7	P8	P11	P10
Guarantee	0.0001	0.0034	0.0058	0.0047	0.0029	0.0061	0.0079
Guarantee	0.0002	0.0069	0.0119	0.0097	0.0059	0.0125	0.0162
Guarantee	0.0002	0.0100	0.0173	0.0140	0.0086	0.0181	0.0234
Self_Eval	0.0684	0.0025	0.0043	0.0035	0.0022	0.0013	0.0017
Overall_G	0.0004	0.0156	0.0269	0.0218	0.0133	0.0282	0.0365
Instructo	0.0012	0.1007	0.1738	0.1407	0.0861	0.0033	0.0043
Guarantee	0.0010	0.0052	0.0089	0.0072	0.0044	0.1309	0.1692
Overall_C	-0.0037	0.0352	0.0608	0.0492	0.0301	0.0186	0.0240

	P9	P17	P16	P15	P25	P26	P27
Guarantee	0.0093	0.0083	0.0085	0.0100	0.0918	0.3112	0.4784
Guarantee	0.0191	0.0172	0.0175	0.0206	-0.0005	-0.0018	-0.0027
Guarantee	0.0277	0.0248	0.0152	0.0298	-0.0008	-0.0026	-0.0040
Self_Eval	0.0020	0.0005	0.0005	0.0006	0.0000	0.0001	0.0001
Overall_G	0.0431	0.0387	0.0394	0.0465	0.0019	0.0064	0.0098
Instructo	0.0050	0.0098	0.0100	0.0118	0.0005	0.0016	0.0025
Guarantee	0.1999	0.0278	0.0283	0.0334	0.0013	0.0046	0.0070
Overall_C	0.0284	0.0071	0.0072	0.0085	0.0003	0.0012	0.0018

	P21	P22	P23	P18	P19	P20
Guarantee	-0.0057	-0.0061	-0.0062	-0.0116	-0.0078	-0.0025
Guarantee	0.2204	0.2390	0.2407	-0.0239	-0.0160	-0.0052
Guarantee	-0.0168	-0.0182	-0.0184	0.1351	0.0906	0.0296
Self_Eval	0.0005	0.0006	0.0006	0.0011	0.0007	0.0002
Overall_G	0.0415	0.0451	0.0454	0.0852	0.0572	0.0187
Instructo	0.0105	0.0114	0.0115	0.0216	0.0145	0.0047
Guarantee	0.0299	0.0324	0.0326	0.0613	0.0411	0.0134
Overall_C	0.0076	0.0082	0.0083	0.0156	0.0105	0.0034

Total Effects

Guarante Guarante Guarante Self_Eva Overall_ Instruct Guarante

Overall_G	0.033	0.292	0.820	0.000	0.000	0.000	0.000
Instructo	0.028	0.245	0.687	0.000	0.838	0.000	0.000
Guarantee	0.041	0.359	1.007	0.000	1.229	0.000	0.000
Overall_C	0.033	0.293	0.823	-0.137	1.004	0.763	0.297
P24	0.270	0.000	0.000	0.000	0.000	0.000	0.000
P4	0.021	0.183	0.515	-0.086	0.628	0.477	0.186
P3	0.010	0.086	0.243	-0.041	0.296	0.225	0.087
P2	0.035	0.307	0.863	-0.144	1.052	0.800	0.311
P1	0.033	0.293	0.823	-0.137	1.004	0.763	0.297
P12	0.000	0.000	0.000	1.338	0.000	0.000	0.000
P13	0.000	0.000	0.000	1.735	0.000	0.000	0.000
P14	0.000	0.000	0.000	1.000	0.000	0.000	0.000
P5	0.041	0.356	1.000	0.000	1.220	1.456	0.000
P6	0.034	0.295	0.827	0.000	1.009	1.205	0.000
P7	0.032	0.278	0.781	0.000	0.953	1.137	0.000
P8	0.028	0.245	0.687	0.000	0.838	1.000	0.000
P11	0.028	0.248	0.695	0.000	0.848	0.000	0.690
P10	0.038	0.335	0.939	0.000	1.146	0.000	0.932
P9	0.041	0.359	1.007	0.000	1.229	0.000	1.000
P17	0.042	0.369	1.035	0.000	1.263	0.000	0.000
P16	0.046	0.405	1.136	0.000	1.385	0.000	0.000
P15	0.033	0.292	0.820	0.000	1.000	0.000	0.000
P25	0.500	0.000	0.000	0.000	0.000	0.000	0.000
P26	0.818	0.000	0.000	0.000	0.000	0.000	0.000
P27	1.000	0.000	0.000	0.000	0.000	0.000	0.000
P21	0.000	1.252	0.000	0.000	0.000	0.000	0.000
P22	0.000	1.123	0.000	0.000	0.000	0.000	0.000
P23	0.000	1.000	0.000	0.000	0.000	0.000	0.000
P18	0.000	0.000	1.714	0.000	0.000	0.000	0.000
P19	0.000	0.000	1.892	0.000	0.000	0.000	0.000
P20	0.000	0.000	1.000	0.000	0.000	0.000	0.000

Overall_

Overall_G	0.000
Instructo	0.000
Guarantee	0.000
Overall_C	0.000
P24	0.000
P4	0.625
P3	0.295
P2	1.048
P1	1.000
P12	0.000
P13	0.000
P14	0.000
P5	0.000
P6	0.000
P7	0.000
P8	0.000
P11	0.000
P10	0.000
P9	0.000
P17	0.000
P16	0.000
P15	0.000
P25	0.000
P26	0.000
P27	0.000
P21	0.000
P22	0.000

P23	0.000
P18	0.000
P19	0.000
P20	0.000

Standardized Total Effects

	Guarante	Guarante	Guarante	Self_Eva	Overall_	Instruct	Guarante
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Overall_G	0.124	0.574	0.712	0.000	0.000	0.000	0.000
Instructo	0.074	0.342	0.424	0.000	0.596	0.000	0.000
Guarantee	0.091	0.423	0.525	0.000	0.737	0.000	0.000
Overall_C	0.067	0.312	0.388	-0.107	0.544	0.582	0.268
P24	0.239	0.000	0.000	0.000	0.000	0.000	0.000
P4	0.033	0.153	0.190	-0.053	0.267	0.285	0.132
P3	0.012	0.055	0.068	-0.019	0.096	0.102	0.047
P2	0.051	0.236	0.292	-0.081	0.411	0.439	0.202
P1	0.049	0.225	0.280	-0.077	0.393	0.420	0.194
P12	0.000	0.000	0.000	0.585	0.000	0.000	0.000
P13	0.000	0.000	0.000	0.773	0.000	0.000	0.000
P14	0.000	0.000	0.000	0.426	0.000	0.000	0.000
P5	0.046	0.215	0.267	0.000	0.375	0.629	0.000
P6	0.051	0.238	0.295	0.000	0.414	0.695	0.000
P7	0.048	0.221	0.274	0.000	0.385	0.646	0.000
P8	0.039	0.180	0.224	0.000	0.314	0.527	0.000
P11	0.043	0.197	0.245	0.000	0.344	0.000	0.467
P10	0.052	0.242	0.300	0.000	0.422	0.000	0.572
P9	0.056	0.261	0.324	0.000	0.455	0.000	0.618
P17	0.048	0.225	0.279	0.000	0.392	0.000	0.000
P16	0.051	0.235	0.292	0.000	0.410	0.000	0.000
P15	0.047	0.220	0.273	0.000	0.383	0.000	0.000
P25	0.427	0.000	0.000	0.000	0.000	0.000	0.000
P26	0.744	0.000	0.000	0.000	0.000	0.000	0.000
P27	0.836	0.000	0.000	0.000	0.000	0.000	0.000
P21	0.000	0.791	0.000	0.000	0.000	0.000	0.000
P22	0.000	0.787	0.000	0.000	0.000	0.000	0.000
P23	0.000	0.770	0.000	0.000	0.000	0.000	0.000
P18	0.000	0.000	0.624	0.000	0.000	0.000	0.000
P19	0.000	0.000	0.566	0.000	0.000	0.000	0.000
P20	0.000	0.000	0.274	0.000	0.000	0.000	0.000

Overall_	-----
Overall_G	0.000
Instructo	0.000
Guarantee	0.000
Overall_C	0.000
P24	0.000
P4	0.490
P3	0.176
P2	0.754
P1	0.722
P12	0.000
P13	0.000
P14	0.000
P5	0.000
P6	0.000
P7	0.000
P8	0.000
P11	0.000
P10	0.000

P9	0.000
P17	0.000
P16	0.000
P15	0.000
P25	0.000
P26	0.000
P27	0.000
P21	0.000
P22	0.000
P23	0.000
P18	0.000
P19	0.000
P20	0.000

Direct Effects

	Guarante	Guarante	Guarante	Self_Eva	Overall_	Instruct	Guarante
Overall_G	0.033	0.292	0.820	0.000	0.000	0.000	0.000
Instructo	0.000	0.000	0.000	0.000	0.838	0.000	0.000
Guarantee	0.000	0.000	0.000	0.000	1.229	0.000	0.000
Overall_C	0.000	0.000	0.000	-0.137	0.000	0.763	0.297
P24	0.270	0.000	0.000	0.000	0.000	0.000	0.000
P4	0.000	0.000	0.000	0.000	0.000	0.000	0.000
P3	0.000	0.000	0.000	0.000	0.000	0.000	0.000
P2	0.000	0.000	0.000	0.000	0.000	0.000	0.000
P1	0.000	0.000	0.000	0.000	0.000	0.000	0.000
P12	0.000	0.000	0.000	1.338	0.000	0.000	0.000
P13	0.000	0.000	0.000	1.735	0.000	0.000	0.000
P14	0.000	0.000	0.000	1.000	0.000	0.000	0.000
P5	0.000	0.000	0.000	0.000	0.000	1.456	0.000
P6	0.000	0.000	0.000	0.000	0.000	1.205	0.000
P7	0.000	0.000	0.000	0.000	0.000	1.137	0.000
P8	0.000	0.000	0.000	0.000	0.000	1.000	0.000
P11	0.000	0.000	0.000	0.000	0.000	0.000	0.690
P10	0.000	0.000	0.000	0.000	0.000	0.000	0.932
P9	0.000	0.000	0.000	0.000	0.000	0.000	1.000
P17	0.000	0.000	0.000	0.000	1.263	0.000	0.000
P16	0.000	0.000	0.000	0.000	1.385	0.000	0.000
P15	0.000	0.000	0.000	0.000	1.000	0.000	0.000
P25	0.500	0.000	0.000	0.000	0.000	0.000	0.000
P26	0.818	0.000	0.000	0.000	0.000	0.000	0.000
P27	1.000	0.000	0.000	0.000	0.000	0.000	0.000
P21	0.000	1.252	0.000	0.000	0.000	0.000	0.000
P22	0.000	1.123	0.000	0.000	0.000	0.000	0.000
P23	0.000	1.000	0.000	0.000	0.000	0.000	0.000
P18	0.000	0.000	1.714	0.000	0.000	0.000	0.000
P19	0.000	0.000	1.892	0.000	0.000	0.000	0.000
P20	0.000	0.000	1.000	0.000	0.000	0.000	0.000

	Overall_
Overall_G	0.000
Instructo	0.000
Guarantee	0.000
Overall_C	0.000
P24	0.000
P4	0.625
P3	0.295
P2	1.048
P1	1.000

P12 0.000
P13 0.000
P14 0.000
P5 0.000
P6 0.000
P7 0.000
P8 0.000
P11 0.000
P10 0.000
P9 0.000
P17 0.000
P16 0.000
P15 0.000
P25 0.000
P26 0.000
P27 0.000
P21 0.000
P22 0.000
P23 0.000
P18 0.000
P19 0.000
P20 0.000

Standardized Direct Effects

	Guarante	Guarante	Guarante	Self_Eva	Overall_	Instruct	Guarante
Overall_G	0.124	0.574	0.712	0.000	0.000	0.000	0.000
Instructo	0.000	0.000	0.000	0.000	0.596	0.000	0.000
Guarantee	0.000	0.000	0.000	0.000	0.737	0.000	0.000
Overall_C	0.000	0.000	0.000	-0.107	0.000	0.582	0.268
P24	0.239	0.000	0.000	0.000	0.000	0.000	0.000
P4	0.000	0.000	0.000	0.000	0.000	0.000	0.000
P3	0.000	0.000	0.000	0.000	0.000	0.000	0.000
P2	0.000	0.000	0.000	0.000	0.000	0.000	0.000
P1	0.000	0.000	0.000	0.000	0.000	0.000	0.000
P12	0.000	0.000	0.000	0.585	0.000	0.000	0.000
P13	0.000	0.000	0.000	0.773	0.000	0.000	0.000
P14	0.000	0.000	0.000	0.426	0.000	0.000	0.000
P5	0.000	0.000	0.000	0.000	0.000	0.629	0.000
P6	0.000	0.000	0.000	0.000	0.000	0.695	0.000
P7	0.000	0.000	0.000	0.000	0.000	0.646	0.000
P8	0.000	0.000	0.000	0.000	0.000	0.527	0.000
P11	0.000	0.000	0.000	0.000	0.000	0.000	0.467
P10	0.000	0.000	0.000	0.000	0.000	0.000	0.572
P9	0.000	0.000	0.000	0.000	0.000	0.000	0.618
P17	0.000	0.000	0.000	0.000	0.392	0.000	0.000
P16	0.000	0.000	0.000	0.000	0.410	0.000	0.000
P15	0.000	0.000	0.000	0.000	0.383	0.000	0.000
P25	0.427	0.000	0.000	0.000	0.000	0.000	0.000
P26	0.744	0.000	0.000	0.000	0.000	0.000	0.000
P27	0.836	0.000	0.000	0.000	0.000	0.000	0.000
P21	0.000	0.791	0.000	0.000	0.000	0.000	0.000
P22	0.000	0.787	0.000	0.000	0.000	0.000	0.000
P23	0.000	0.770	0.000	0.000	0.000	0.000	0.000
P18	0.000	0.000	0.624	0.000	0.000	0.000	0.000
P19	0.000	0.000	0.566	0.000	0.000	0.000	0.000
P20	0.000	0.000	0.274	0.000	0.000	0.000	0.000

Overall_

Overall_G	0.000
Instructo	0.000
Guarantee	0.000
Overall_C	0.000
P24	0.000
P4	0.490
P3	0.176
P2	0.754
P1	0.722
P12	0.000
P13	0.000
P14	0.000
P5	0.000
P6	0.000
P7	0.000
P8	0.000
P11	0.000
P10	0.000
P9	0.000
P17	0.000
P16	0.000
P15	0.000
P25	0.000
P26	0.000
P27	0.000
P21	0.000
P22	0.000
P23	0.000
P18	0.000
P19	0.000
P20	0.000

Indirect Effects

	Guarante	Guarante	Guarante	Self_Eva	Overall_	Instruct	Guarante
Overall_G	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Instructo	0.028	0.245	0.687	0.000	0.000	0.000	0.000
Guarantee	0.041	0.359	1.007	0.000	0.000	0.000	0.000
Overall_C	0.033	0.293	0.823	0.000	1.004	0.000	0.000
P24	0.000	0.000	0.000	0.000	0.000	0.000	0.000
P4	0.021	0.183	0.515	-0.086	0.628	0.477	0.186
P3	0.010	0.086	0.243	-0.041	0.296	0.225	0.087
P2	0.035	0.307	0.863	-0.144	1.052	0.800	0.311
P1	0.033	0.293	0.823	-0.137	1.004	0.763	0.297
P12	0.000	0.000	0.000	0.000	0.000	0.000	0.000
P13	0.000	0.000	0.000	0.000	0.000	0.000	0.000
P14	0.000	0.000	0.000	0.000	0.000	0.000	0.000
P5	0.041	0.356	1.000	0.000	1.220	0.000	0.000
P6	0.034	0.295	0.827	0.000	1.009	0.000	0.000
P7	0.032	0.278	0.781	0.000	0.953	0.000	0.000
P8	0.028	0.245	0.687	0.000	0.838	0.000	0.000
P11	0.028	0.248	0.695	0.000	0.848	0.000	0.000
P10	0.038	0.335	0.939	0.000	1.146	0.000	0.000
P9	0.041	0.359	1.007	0.000	1.229	0.000	0.000
P17	0.042	0.369	1.035	0.000	0.000	0.000	0.000
P16	0.046	0.405	1.136	0.000	0.000	0.000	0.000
P15	0.033	0.292	0.820	0.000	0.000	0.000	0.000
P25	0.000	0.000	0.000	0.000	0.000	0.000	0.000
P26	0.000	0.000	0.000	0.000	0.000	0.000	0.000
P27	0.000	0.000	0.000	0.000	0.000	0.000	0.000
P21	0.000	0.000	0.000	0.000	0.000	0.000	0.000

P22	0.000	0.000	0.000	0.000	0.000	0.000	0.000
P23	0.000	0.000	0.000	0.000	0.000	0.000	0.000
P18	0.000	0.000	0.000	0.000	0.000	0.000	0.000
P19	0.000	0.000	0.000	0.000	0.000	0.000	0.000
P20	0.000	0.000	0.000	0.000	0.000	0.000	0.000

	Overall_
Overall_G	0.000
Instructo	0.000
Guarantee	0.000
Overall_C	0.000
P24	0.000
P4	0.000
P3	0.000
P2	0.000
P1	0.000
P12	0.000
P13	0.000
P14	0.000
P5	0.000
P6	0.000
P7	0.000
P8	0.000
P11	0.000
P10	0.000
P9	0.000
P17	0.000
P16	0.000
P15	0.000
P25	0.000
P26	0.000
P27	0.000
P21	0.000
P22	0.000
P23	0.000
P18	0.000
P19	0.000
P20	0.000

Standardized Indirect Effects

	Guarante	Guarante	Guarante	Self_Eva	Overall_	Instruct	Guarante
Overall_G	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Instructo	0.0737	0.3419	0.4244	0.0000	0.0000	0.0000	0.0000
Guarantee	0.0912	0.4228	0.5248	0.0000	0.0000	0.0000	0.0000
Overall_C	0.0673	0.3123	0.3877	0.0000	0.5445	0.0000	0.0000
P24	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
P4	0.0330	0.1531	0.1901	-0.0526	0.2669	0.2852	0.1316
P3	0.0118	0.0549	0.0681	-0.0188	0.0956	0.1022	0.0471
P2	0.0508	0.2355	0.2924	-0.0809	0.4106	0.4387	0.2024
P1	0.0486	0.2254	0.2798	-0.0774	0.3930	0.4199	0.1937
P12	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
P13	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
P14	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
P5	0.0464	0.2151	0.2670	0.0000	0.3750	0.0000	0.0000
P6	0.0512	0.2377	0.2950	0.0000	0.4144	0.0000	0.0000
P7	0.0476	0.2207	0.2740	0.0000	0.3848	0.0000	0.0000
P8	0.0389	0.1802	0.2237	0.0000	0.3142	0.0000	0.0000
P11	0.0426	0.1974	0.2450	0.0000	0.3441	0.0000	0.0000

P10	0.0522	0.2420	0.3004	0.0000	0.4218	0.0000	0.0000
P9	0.0563	0.2612	0.3242	0.0000	0.4553	0.0000	0.0000
P17	0.0484	0.2247	0.2788	0.0000	0.0000	0.0000	0.0000
P16	0.0507	0.2351	0.2918	0.0000	0.0000	0.0000	0.0000
P15	0.0474	0.2199	0.2729	0.0000	0.0000	0.0000	0.0000
P25	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
P26	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
P27	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
P21	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
P22	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
P23	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
P18	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
P19	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
P20	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000

	Overall_
Overall_G	0.0000
Instructo	0.0000
Guarantee	0.0000
Overall_C	0.0000
P24	0.0000
P4	0.0000
P3	0.0000
P2	0.0000
P1	0.0000
P12	0.0000
P13	0.0000
P14	0.0000
P5	0.0000
P6	0.0000
P7	0.0000
P8	0.0000
P11	0.0000
P10	0.0000
P9	0.0000
P17	0.0000
P16	0.0000
P15	0.0000
P25	0.0000
P26	0.0000
P27	0.0000
P21	0.0000
P22	0.0000
P23	0.0000
P18	0.0000
P19	0.0000
P20	0.0000

Variance-covariance Matrix of Estimates

	par-1	par-2	par-3	par-4	par-5	par-6	par-7
par-1	0.4853						
par-2	0.3437	0.4164					
par-3	-0.0004	-0.0007	0.0138				
par-4	-0.0010	-0.0002	0.0080	0.0170			
par-5	-0.0002	-0.0010	-0.0000	-0.0000	0.0115		
par-6	0.0050	0.0165	-0.0000	-0.0010	0.0001	0.1172	
par-7	0.0004	0.0002	-0.0000	-0.0001	0.0000	0.0003	0.2402

par-8	-0.0000	-0.0002	0.0000	0.0000	-0.0000	-0.0001	0.0748
par-9	0.0001	-0.0007	-0.0000	0.0000	0.0000	-0.0001	0.0006
par-10	-0.0001	-0.0008	0.0000	-0.0000	0.0035	0.0001	0.0000
par-11	0.0125	0.0036	0.0004	0.0001	0.0000	0.0574	0.0003
par-12	0.0011	-0.0017	-0.0000	0.0001	-0.0001	-0.0019	-0.0011
par-13	-0.0003	0.0013	-0.0001	-0.0002	-0.0000	0.0012	-0.0067
par-14	-0.0016	0.0019	-0.0001	-0.0001	0.0000	0.0016	0.0013
par-15	0.0010	-0.0049	0.0001	0.0002	0.0002	0.0351	0.0000
par-16	-0.0032	-0.0006	0.0017	0.0020	0.0000	-0.0142	0.0000
par-17	-0.0108	-0.0001	-0.0004	-0.0002	0.0001	0.0013	-0.0002
par-18	-0.0085	0.0007	-0.0004	-0.0001	0.0002	0.0014	-0.0001
par-19	0.1883	0.1747	0.0007	0.0002	-0.0001	-0.0264	-0.0000
par-20	0.0002	0.0018	-0.0000	-0.0000	-0.0000	-0.0022	-0.0000
par-21	0.0018	0.0039	-0.0001	-0.0001	-0.0001	0.0023	0.0009
par-22	-0.0000	0.0020	-0.0002	-0.0001	-0.0001	0.0014	-0.0002
par-23	-0.0003	-0.0021	0.0000	0.0000	0.0061	0.0002	0.0000
par-24	0.0043	0.0069	-0.0011	-0.0009	-0.0005	0.0579	0.0001
par-25	0.0011	0.0031	-0.0001	-0.0002	-0.0001	0.0020	0.0001
par-26	-0.0004	0.0011	-0.0001	-0.0001	0.0000	0.0002	-0.0000
par-27	0.0004	-0.0007	-0.0000	-0.0000	-0.0000	-0.0004	0.0010
par-28	-0.0000	-0.0000	-0.0000	-0.0000	-0.0000	-0.0000	0.0000
par-29	0.0000	0.0000	-0.0000	-0.0000	-0.0000	0.0000	0.0000
par-30	0.0000	0.0000	-0.0000	-0.0000	-0.0000	0.0000	-0.0000
par-31	-0.0000	-0.0000	-0.0000	-0.0000	-0.0000	-0.0000	0.0000
par-32	0.0000	-0.0000	0.0000	0.0000	0.0000	-0.0000	0.0000
par-33	-0.0000	-0.0000	0.0000	0.0000	-0.0000	-0.0000	0.0000
par-34	-0.0000	-0.0000	-0.0000	-0.0000	-0.0000	-0.0000	0.0000
par-35	-0.0000	-0.0000	-0.0000	0.0000	-0.0000	-0.0000	-0.0000
par-36	-0.0000	-0.0000	0.0000	0.0000	0.0000	-0.0000	0.0000
par-37	0.0000	0.0000	0.0000	0.0000	-0.0000	-0.0000	0.0000
par-38	0.0000	0.0000	-0.0000	0.0000	-0.0000	-0.0000	0.0000
par-39	0.0000	0.0000	0.0000	0.0000	-0.0000	0.0000	-0.0000
par-40	0.0000	0.0000	0.0000	0.0000	-0.0000	-0.0000	0.0000
par-41	0.0000	0.0000	0.0000	0.0000	-0.0000	0.0000	-0.0000
par-42	0.0000	0.0000	-0.0000	0.0000	0.0000	0.0000	-0.0000
par-43	0.0000	0.0000	0.0000	0.0000	-0.0000	-0.0000	0.0000
par-44	0.0000	0.0000	-0.0000	0.0000	-0.0000	-0.0000	0.0000
par-45	0.0000	-0.0000	0.0000	0.0000	-0.0000	0.0000	-0.0000
par-46	0.0000	0.0000	0.0000	0.0000	-0.0000	0.0000	0.0000
par-47	-0.0000	0.0000	0.0000	0.0000	0.0000	-0.0000	0.0000
par-48	-0.0000	0.0000	-0.0000	-0.0000	-0.0000	-0.0000	0.0000
par-49	-0.0000	-0.0000	0.0000	0.0000	0.0000	-0.0000	0.0000
par-50	0.0000	0.0000	0.0000	0.0000	-0.0000	-0.0000	-0.0000
par-51	0.0000	0.0000	-0.0000	0.0000	-0.0000	-0.0000	-0.0000
par-52	0.0000	-0.0000	-0.0000	0.0000	0.0000	-0.0000	-0.0000
par-53	0.0000	0.0000	-0.0000	0.0000	-0.0000	-0.0000	-0.0000
par-54	-0.0000	-0.0000	0.0000	0.0000	0.0000	-0.0000	0.0000
par-55	-0.0178	-0.0169	0.0000	0.0000	0.0000	-0.0005	-0.0000
par-56	0.0002	0.0001	-0.0027	-0.0030	0.0000	0.0001	0.0000
par-57	0.0003	0.0020	-0.0000	-0.0000	-0.0077	-0.0002	-0.0000
par-58	-0.0000	0.0000	0.0000	0.0000	-0.0000	-0.0000	-0.0200
par-59	-0.0009	-0.0009	-0.0000	0.0000	0.0000	-0.0014	-0.0000
par-60	0.0000	0.0005	0.0000	-0.0000	-0.0000	0.0003	-0.0000
par-61	0.0004	0.0002	-0.0000	-0.0000	-0.0000	0.0001	-0.0000
par-62	-0.0001	0.0003	0.0000	-0.0000	0.0000	0.0003	0.0000
par-63	0.0071	0.0072	-0.0000	-0.0000	-0.0000	0.0005	0.0000
par-64	-0.0059	0.0065	-0.0000	0.0001	-0.0001	0.0009	-0.0000
par-65	0.0034	-0.0060	0.0000	-0.0000	0.0001	-0.0009	0.0000
par-66	-0.0000	0.0002	-0.0011	0.0000	0.0000	-0.0001	-0.0000
par-67	0.0002	-0.0001	0.0000	-0.0015	-0.0000	0.0003	0.0000

par-68	-0.0003	-0.0020	0.0000	0.0000	0.0059	0.0002	0.0000
par-69	0.0002	0.0012	-0.0000	-0.0000	-0.0024	-0.0001	-0.0000
par-70	0.0001	0.0002	0.0000	0.0000	-0.0021	-0.0000	0.0000
par-71	0.0004	0.0005	-0.0000	-0.0000	0.0000	0.0019	0.0000
par-72	-0.0001	-0.0004	0.0002	0.0001	0.0001	0.0015	0.0000
par-73	-0.0003	-0.0020	-0.0000	0.0001	-0.0000	-0.0027	-0.0000
par-74	-0.0019	-0.0001	-0.0001	-0.0000	0.0000	0.0001	-0.0000
par-75	0.0017	-0.0000	0.0001	0.0001	-0.0000	-0.0003	0.0000
par-76	0.0011	-0.0002	0.0001	0.0000	-0.0000	-0.0003	0.0000
par-77	0.0001	0.0004	-0.0000	-0.0000	-0.0000	0.0003	0.0000
par-78	0.0002	0.0000	0.0000	0.0000	0.0000	-0.0000	0.0001
par-79	-0.0001	-0.0003	0.0000	0.0000	0.0000	-0.0002	0.0000
par-80	-0.0003	-0.0005	-0.0000	-0.0000	0.0000	-0.0003	-0.0002
par-81	0.0000	-0.0000	-0.0000	-0.0000	0.0000	0.0000	0.0101
par-82	-0.0001	-0.0001	0.0000	0.0000	-0.0000	-0.0001	-0.0303
par-83	0.0000	0.0001	-0.0000	-0.0000	0.0000	0.0001	0.0130
par-84	-0.0000	0.0001	-0.0000	-0.0000	-0.0000	-0.0000	0.0001

par-85	0.0002	-0.0004	0.0000	0.0000	-0.0000	-0.0001	0.0002
par-86	-0.0000	0.0001	0.0000	-0.0000	-0.0000	0.0000	-0.0001
par-87	-0.0001	0.0002	0.0000	-0.0000	0.0000	0.0001	-0.0002
par-88	0.0000	0.0002	0.0000	0.0000	-0.0009	-0.0000	-0.0000
par-89	-0.0002	-0.0001	0.0009	0.0010	-0.0000	-0.0001	-0.0000

	par-8	par-9	par-10	par-11	par-12	par-13	par-14
par-8	0.1075						
par-9	0.0000	0.0201					
par-10	-0.0000	0.0000	0.0107				
par-11	-0.0000	0.0008	0.0003	0.1135			
par-12	0.0000	0.0000	-0.0000	0.0007	0.0196		
par-13	-0.0078	0.0008	-0.0000	-0.0007	-0.0037	0.0162	
par-14	-0.0003	-0.0018	-0.0000	-0.0073	-0.0122	-0.0037	0.0355
par-15	0.0001	0.0000	0.0002	0.0393	-0.0035	0.0001	-0.0105
par-16	0.0000	0.0001	0.0000	-0.0142	0.0003	-0.0003	-0.0000
par-17	-0.0000	-0.0008	0.0000	-0.0354	-0.0026	0.0012	0.0067
par-18	-0.0000	-0.0006	0.0001	-0.0269	-0.0034	0.0010	0.0062
par-19	-0.0000	-0.0003	-0.0001	-0.0322	-0.0002	0.0002	0.0004
par-20	0.0000	-0.0000	-0.0000	-0.0025	-0.0002	0.0001	0.0002
par-21	-0.0004	0.0000	-0.0000	0.0004	0.0004	-0.0001	0.0229
par-22	0.0001	0.0002	-0.0000	0.0011	0.0025	0.0001	0.0131
par-23	-0.0000	0.0000	0.0050	0.0006	-0.0000	-0.0001	-0.0000
par-24	-0.0001	0.0002	-0.0004	0.0579	0.0002	0.0005	0.0007
par-25	-0.0001	0.0001	-0.0000	0.0012	0.0023	0.0003	0.0152
par-26	-0.0000	0.0014	0.0000	-0.0011	-0.0040	0.0027	-0.0052
par-27	0.0001	0.0027	-0.0000	0.0011	-0.0005	0.0010	-0.0035
par-28	0.0000	0.0000	-0.0000	0.0000	0.0000	-0.0000	-0.0000
par-29	0.0000	0.0000	-0.0000	0.0000	0.0000	-0.0000	-0.0000
par-30	0.0000	0.0000	-0.0000	0.0000	0.0000	-0.0000	-0.0000
par-31	0.0000	0.0000	-0.0000	0.0000	0.0000	-0.0000	-0.0000
par-32	0.0000	0.0000	-0.0000	0.0000	0.0000	-0.0000	-0.0000
par-33	0.0000	0.0000	-0.0000	0.0000	0.0000	-0.0000	-0.0000
par-34	-0.0000	-0.0000	-0.0000	-0.0000	0.0000	-0.0000	-0.0000
par-35	0.0000	0.0000	-0.0000	-0.0000	0.0000	0.0000	-0.0000
par-36	-0.0000	0.0000	-0.0000	-0.0000	-0.0000	0.0000	-0.0000
par-37	0.0000	-0.0000	-0.0000	-0.0000	0.0000	0.0000	-0.0000
par-38	-0.0000	0.0000	-0.0000	-0.0000	0.0000	-0.0000	0.0000
par-39	0.0000	-0.0000	-0.0000	0.0000	0.0000	0.0000	-0.0000
par-40	0.0000	0.0000	-0.0000	0.0000	0.0000	-0.0000	-0.0000
par-41	0.0000	0.0000	-0.0000	0.0000	0.0000	-0.0000	-0.0000
par-42	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	-0.0000
par-43	0.0000	0.0000	-0.0000	0.0000	-0.0000	-0.0000	-0.0000

par-44	0.0000	0.0000	-0.0000	0.0000	-0.0000	-0.0000	0.0000
par-45	-0.0000	0.0000	-0.0000	0.0000	-0.0000	-0.0000	0.0000
par-46	0.0000	0.0000	-0.0000	0.0000	-0.0000	-0.0000	0.0000
par-47	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	-0.0000
par-48	0.0000	0.0000	-0.0000	-0.0000	-0.0000	0.0000	-0.0000
par-49	0.0000	0.0000	-0.0000	-0.0000	-0.0000	0.0000	-0.0000
par-50	-0.0000	-0.0000	-0.0000	0.0000	0.0000	-0.0000	0.0000
par-51	-0.0000	-0.0000	-0.0000	0.0000	-0.0000	-0.0000	0.0000
par-52	-0.0000	0.0000	0.0000	0.0000	0.0000	-0.0000	0.0000
par-53	-0.0000	0.0000	-0.0000	0.0000	0.0000	-0.0000	0.0000
par-54	0.0000	0.0000	0.0000	-0.0000	-0.0000	0.0000	-0.0000
par-55	0.0000	0.0000	0.0000	-0.0003	0.0000	-0.0000	-0.0000
par-56	-0.0000	0.0000	-0.0000	-0.0001	-0.0000	0.0000	0.0000
par-57	0.0000	-0.0000	-0.0060	-0.0005	0.0001	0.0001	0.0000
par-58	-0.0114	-0.0000	-0.0000	-0.0000	0.0001	0.0011	-0.0001
par-59	0.0000	-0.0000	0.0000	-0.0011	0.0000	-0.0000	-0.0001
par-60	0.0000	-0.0000	-0.0000	0.0001	0.0002	0.0000	-0.0020
par-61	-0.0000	0.0000	-0.0000	0.0000	-0.0005	0.0000	0.0003

par-62	-0.0000	-0.0006	0.0000	-0.0003	0.0001	0.0002	0.0001
par-63	-0.0000	-0.0000	-0.0000	0.0003	-0.0000	0.0000	0.0000
par-64	-0.0000	-0.0001	-0.0001	-0.0008	-0.0002	0.0001	0.0003
par-65	0.0000	0.0001	0.0001	0.0004	0.0002	-0.0001	-0.0002
par-66	0.0000	0.0000	-0.0000	-0.0001	0.0000	-0.0000	0.0000
par-67	-0.0000	-0.0000	0.0000	0.0001	-0.0000	0.0000	0.0000
par-68	-0.0000	0.0000	0.0050	0.0005	-0.0001	-0.0001	-0.0000
par-69	0.0000	-0.0000	-0.0022	-0.0004	0.0000	0.0000	0.0000
par-70	-0.0000	-0.0000	-0.0012	0.0001	0.0000	0.0000	-0.0000
par-71	-0.0000	0.0000	0.0000	0.0021	-0.0001	0.0001	0.0000
par-72	-0.0000	-0.0000	0.0001	0.0017	-0.0002	0.0000	-0.0000
par-73	0.0000	0.0000	0.0000	0.0006	0.0002	-0.0001	-0.0002
par-74	0.0000	-0.0001	0.0000	-0.0045	-0.0005	0.0002	0.0010
par-75	0.0000	0.0001	0.0000	0.0044	0.0011	-0.0002	-0.0013
par-76	0.0000	0.0001	-0.0000	0.0026	0.0009	-0.0002	-0.0010
par-77	-0.0000	0.0000	-0.0000	0.0001	0.0001	0.0000	0.0008
par-78	-0.0000	-0.0000	0.0000	-0.0002	-0.0005	-0.0000	0.0007
par-79	0.0000	-0.0000	0.0000	-0.0002	-0.0004	-0.0001	0.0004
par-80	0.0001	0.0000	-0.0000	-0.0000	0.0001	0.0001	-0.0009
par-81	0.0037	0.0000	0.0000	0.0000	-0.0001	-0.0003	0.0001
par-82	0.0046	-0.0001	-0.0000	-0.0001	0.0002	-0.0007	-0.0004
par-83	-0.0066	0.0000	0.0000	0.0000	-0.0001	0.0004	0.0002
par-84	0.0000	0.0004	0.0000	0.0000	-0.0003	0.0004	-0.0004
par-85	0.0000	0.0005	-0.0000	0.0004	0.0006	-0.0004	0.0001
par-86	-0.0000	-0.0005	-0.0000	-0.0001	-0.0001	-0.0000	0.0000
par-87	-0.0000	-0.0003	0.0000	-0.0003	-0.0002	0.0000	0.0001
par-88	0.0000	-0.0000	-0.0012	-0.0001	0.0000	0.0000	0.0000
par-89	0.0000	-0.0000	0.0000	0.0001	0.0000	-0.0000	-0.0000

	par-15	par-16	par-17	par-18	par-19	par-20	par-21
par-15	0.0512						
par-16	-0.0091	0.0057					
par-17	0.0002	-0.0003	0.0443				
par-18	0.0003	0.0001	0.0251	0.0315			
par-19	-0.0245	0.0043	-0.0015	-0.0015	0.1286		
par-20	-0.0014	0.0004	0.0005	0.0004	0.0012	0.0007	
par-21	-0.0253	-0.0002	-0.0004	-0.0003	0.0014	0.0000	0.0686
par-22	-0.0186	-0.0001	-0.0009	-0.0008	0.0004	0.0001	0.0309
par-23	0.0004	0.0000	-0.0000	0.0001	-0.0005	-0.0001	-0.0001
par-24	0.0362	-0.0137	0.0001	0.0001	-0.0350	-0.0005	0.0014
par-25	-0.0214	-0.0002	-0.0009	-0.0008	0.0011	0.0000	0.0354
par-26	0.0001	-0.0000	0.0008	0.0008	0.0004	0.0000	0.0000

par-27	-0.0001	0.0001	-0.0014	-0.0011	-0.0002	-0.0000	-0.0000
par-28	0.0000	-0.0000	0.0000	-0.0000	-0.0000	-0.0000	-0.0000
par-29	0.0000	-0.0000	-0.0000	-0.0000	0.0000	-0.0000	-0.0000
par-30	0.0000	-0.0000	-0.0000	-0.0000	0.0000	-0.0000	0.0000
par-31	0.0000	0.0000	-0.0000	-0.0000	-0.0000	-0.0000	-0.0000
par-32	0.0000	0.0000	-0.0000	-0.0000	-0.0000	-0.0000	-0.0000
par-33	0.0000	0.0000	-0.0000	-0.0000	-0.0000	-0.0000	-0.0000
par-34	0.0000	0.0000	-0.0000	-0.0000	-0.0000	0.0000	-0.0000
par-35	0.0000	-0.0000	0.0000	0.0000	-0.0000	0.0000	-0.0000
par-36	-0.0000	0.0000	0.0000	0.0000	-0.0000	0.0000	-0.0000
par-37	-0.0000	0.0000	-0.0000	-0.0000	0.0000	0.0000	-0.0000
par-38	0.0000	0.0000	-0.0000	-0.0000	0.0000	0.0000	-0.0000
par-39	0.0000	-0.0000	-0.0000	-0.0000	0.0000	-0.0000	0.0000
par-40	0.0000	-0.0000	-0.0000	-0.0000	0.0000	-0.0000	-0.0000
par-41	0.0000	-0.0000	0.0000	0.0000	0.0000	0.0000	-0.0000
par-42	0.0000	-0.0000	0.0000	0.0000	0.0000	0.0000	-0.0000
par-43	0.0000	0.0000	0.0000	-0.0000	0.0000	0.0000	-0.0000
par-44	0.0000	0.0000	-0.0000	-0.0000	0.0000	0.0000	-0.0000
par-45	-0.0000	-0.0000	0.0000	0.0000	-0.0000	0.0000	0.0000
par-46	0.0000	-0.0000	-0.0000	-0.0000	0.0000	0.0000	0.0000
par-47	0.0000	-0.0000	0.0000	0.0000	-0.0000	0.0000	-0.0000
par-48	0.0000	0.0000	-0.0000	-0.0000	0.0000	0.0000	-0.0000
par-49	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	-0.0000
par-50	0.0000	0.0000	-0.0000	-0.0000	0.0000	0.0000	-0.0000
par-51	0.0000	0.0000	-0.0000	-0.0000	0.0000	0.0000	-0.0000
par-52	0.0000	0.0000	-0.0000	-0.0000	-0.0000	-0.0000	-0.0000
par-53	0.0000	0.0000	-0.0000	-0.0000	0.0000	0.0000	-0.0000
par-54	-0.0000	-0.0000	0.0000	0.0000	-0.0000	0.0000	0.0000
par-55	0.0001	0.0001	0.0002	0.0001	-0.0087	-0.0000	-0.0001
par-56	-0.0000	-0.0007	0.0001	0.0001	-0.0001	0.0000	0.0000
par-57	-0.0004	-0.0000	-0.0000	-0.0001	0.0004	-0.0000	0.0001
par-58	-0.0000	-0.0000	0.0000	0.0000	0.0000	0.0000	-0.0000
par-59	-0.0004	0.0002	0.0001	0.0000	-0.0006	0.0000	-0.0001
par-60	0.0014	0.0000	-0.0001	-0.0000	0.0002	0.0000	-0.0038
par-61	-0.0005	0.0002	-0.0016	-0.0012	0.0004	0.0000	0.0002
par-62	0.0001	-0.0001	0.0005	0.0004	0.0001	0.0000	-0.0002
par-63	-0.0001	-0.0001	-0.0002	-0.0001	0.0041	0.0000	0.0001
par-64	-0.0005	0.0002	0.0009	0.0008	0.0016	0.0001	0.0002
par-65	0.0004	-0.0001	-0.0006	-0.0005	0.0007	-0.0001	-0.0002
par-66	0.0000	-0.0000	0.0001	0.0001	-0.0002	0.0000	0.0000
par-67	-0.0001	-0.0001	-0.0000	-0.0000	0.0001	0.0000	0.0000
par-68	0.0004	0.0000	0.0000	0.0001	-0.0004	-0.0001	-0.0001
par-69	-0.0003	-0.0000	0.0000	-0.0000	0.0003	0.0001	0.0000
par-70	-0.0000	-0.0000	-0.0001	-0.0001	-0.0000	0.0000	0.0000
par-71	0.0009	-0.0004	-0.0002	-0.0000	-0.0005	-0.0001	0.0001
par-72	0.0008	-0.0002	-0.0003	-0.0001	-0.0001	-0.0003	-0.0000
par-73	0.0003	0.0001	-0.0005	-0.0003	-0.0010	0.0001	-0.0002
par-74	-0.0000	-0.0000	0.0046	0.0036	-0.0003	0.0001	-0.0001
par-75	-0.0001	0.0001	-0.0050	-0.0032	0.0002	-0.0001	0.0001
par-76	-0.0001	-0.0000	-0.0025	-0.0028	0.0002	-0.0001	0.0000
par-77	-0.0011	-0.0000	-0.0001	-0.0000	0.0001	0.0000	0.0021
par-78	0.0001	-0.0000	0.0002	0.0001	0.0001	-0.0000	0.0005
par-79	0.0006	0.0000	0.0002	0.0001	-0.0001	0.0000	-0.0002
par-80	0.0007	0.0000	0.0000	-0.0000	-0.0002	0.0000	-0.0034
par-81	0.0000	0.0000	-0.0000	-0.0000	-0.0000	-0.0000	0.0000
par-82	0.0000	0.0000	0.0000	0.0000	-0.0000	0.0000	-0.0003
par-83	-0.0000	-0.0000	-0.0000	-0.0000	0.0000	-0.0000	0.0002
par-84	-0.0000	0.0000	-0.0001	-0.0000	0.0000	0.0000	-0.0000
par-85	-0.0000	0.0000	-0.0004	-0.0004	-0.0001	-0.0000	-0.0000
par-86	-0.0000	-0.0000	0.0001	0.0001	0.0000	0.0000	-0.0000
par-87	0.0000	-0.0000	0.0003	0.0002	0.0001	0.0000	0.0000

par-88	-0.0001	-0.0000	-0.0000	-0.0000	0.0000	0.0000	0.0000
par-89	0.0000	0.0002	-0.0001	-0.0001	0.0001	-0.0000	-0.0000

	par-22	par-23	par-24	par-25	par-26	par-27	par-28
par-22	0.0365						
par-23	-0.0001	0.0168					
par-24	0.0013	-0.0009	0.1222				
par-25	0.0258	-0.0001	0.0011	0.0405			
par-26	-0.0007	0.0000	-0.0004	-0.0000	0.0164		
par-27	0.0003	0.0000	-0.0000	0.0002	0.0048	0.0140	
par-28	-0.0000	-0.0000	-0.0000	-0.0000	-0.0000	0.0000	0.0031
par-29	-0.0000	0.0000	0.0000	-0.0000	-0.0000	0.0000	0.0004
par-30	-0.0000	-0.0000	0.0000	-0.0000	0.0000	0.0000	0.0004
par-31	-0.0000	-0.0000	0.0000	-0.0000	-0.0000	0.0000	0.0000
par-32	-0.0000	0.0000	-0.0000	-0.0000	-0.0000	0.0000	0.0000
par-33	-0.0000	0.0000	-0.0000	-0.0000	-0.0000	0.0000	0.0000
par-34	0.0000	-0.0000	0.0000	-0.0000	-0.0000	0.0000	0.0000
par-35	0.0000	-0.0000	0.0000	-0.0000	0.0000	0.0000	0.0000
par-36	-0.0000	-0.0000	0.0000	-0.0000	0.0000	0.0000	-0.0000
par-37	-0.0000	-0.0000	-0.0000	-0.0000	0.0000	0.0000	0.0002
par-38	-0.0000	-0.0000	0.0000	-0.0000	0.0000	0.0000	0.0003
par-39	-0.0000	-0.0000	-0.0000	-0.0000	0.0000	0.0000	0.0002
par-40	-0.0000	-0.0000	-0.0000	-0.0000	-0.0000	0.0000	0.0002
par-41	-0.0000	-0.0000	0.0000	-0.0000	-0.0000	0.0000	0.0002
par-42	-0.0000	0.0000	-0.0000	-0.0000	-0.0000	0.0000	0.0002
par-43	-0.0000	-0.0000	-0.0000	-0.0000	0.0000	0.0000	0.0002
par-44	0.0000	-0.0000	0.0000	-0.0000	-0.0000	0.0000	0.0002
par-45	-0.0000	0.0000	0.0000	-0.0000	0.0000	0.0000	0.0002
par-46	-0.0000	-0.0000	0.0000	0.0000	-0.0000	0.0000	0.0002
par-47	0.0000	0.0000	-0.0000	-0.0000	0.0000	0.0000	0.0000
par-48	0.0000	0.0000	-0.0000	-0.0000	0.0000	0.0000	0.0000
par-49	0.0000	-0.0000	-0.0000	-0.0000	0.0000	0.0000	0.0000
par-50	-0.0000	-0.0000	0.0000	-0.0000	-0.0000	-0.0000	0.0002
par-51	-0.0000	-0.0000	-0.0000	-0.0000	0.0000	-0.0000	0.0002
par-52	-0.0000	0.0000	0.0000	-0.0000	-0.0000	0.0000	0.0001
par-53	0.0000	-0.0000	0.0000	-0.0000	-0.0000	0.0000	0.0001
par-54	0.0000	-0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
par-55	-0.0000	0.0001	-0.0002	-0.0001	-0.0000	0.0000	0.0000
par-56	0.0000	-0.0000	0.0002	0.0000	0.0000	0.0000	0.0000
par-57	0.0001	-0.0146	0.0009	0.0001	-0.0000	0.0000	0.0000
par-58	0.0000	-0.0000	0.0000	0.0000	0.0000	-0.0001	-0.0000
par-59	-0.0001	0.0000	-0.0010	-0.0001	0.0000	0.0000	-0.0000
par-60	-0.0026	-0.0000	0.0002	-0.0029	-0.0000	-0.0000	0.0000
par-61	0.0001	-0.0001	0.0001	0.0001	-0.0001	0.0000	-0.0000
par-62	0.0002	-0.0000	0.0000	0.0000	-0.0013	-0.0015	-0.0000
par-63	0.0000	-0.0001	0.0002	0.0001	0.0000	-0.0000	-0.0000
par-64	0.0002	-0.0002	0.0002	0.0002	0.0001	-0.0001	-0.0000
par-65	-0.0001	0.0001	-0.0003	-0.0002	-0.0001	0.0001	0.0000
par-66	0.0000	-0.0000	0.0002	0.0000	0.0000	0.0000	0.0000
par-67	0.0000	0.0000	0.0001	0.0001	0.0000	-0.0000	-0.0000
par-68	-0.0001	0.0116	-0.0009	-0.0001	0.0000	-0.0000	-0.0000
par-69	0.0001	-0.0074	0.0005	0.0001	0.0000	-0.0000	0.0000
par-70	0.0000	-0.0010	0.0002	0.0000	-0.0000	0.0000	0.0000
par-71	0.0001	0.0000	0.0014	0.0001	-0.0000	-0.0000	0.0000
par-72	-0.0000	0.0002	-0.0023	0.0000	-0.0000	-0.0000	0.0000
par-73	-0.0001	-0.0000	0.0004	-0.0002	-0.0001	0.0000	0.0000
par-74	-0.0002	0.0000	0.0000	-0.0001	0.0002	-0.0002	-0.0000
par-75	0.0002	0.0000	-0.0000	0.0002	-0.0001	0.0003	0.0000
par-76	0.0001	-0.0000	-0.0000	0.0001	-0.0001	0.0001	0.0000
par-77	0.0012	-0.0000	0.0002	0.0015	-0.0000	0.0000	-0.0000

par-78	-0.0010	0.0000	-0.0001	0.0000	0.0002	-0.0000	-0.0000
par-79	-0.0003	0.0000	-0.0000	-0.0014	-0.0000	-0.0000	0.0000
par-80	-0.0004	-0.0000	-0.0001	-0.0007	-0.0001	0.0001	0.0000
par-81	-0.0000	0.0000	-0.0000	-0.0000	-0.0000	0.0001	0.0000
par-82	0.0001	-0.0000	-0.0000	-0.0000	-0.0000	-0.0002	-0.0000
par-83	-0.0000	0.0000	0.0000	0.0000	0.0000	0.0001	0.0000
par-84	-0.0001	0.0000	-0.0001	0.0000	0.0012	0.0011	0.0000
par-85	0.0002	0.0000	0.0001	0.0000	-0.0013	0.0006	0.0000
par-86	-0.0000	-0.0000	-0.0000	-0.0000	0.0001	-0.0001	-0.0000
par-87	-0.0001	0.0000	-0.0000	-0.0000	0.0001	-0.0009	-0.0000
par-88	0.0000	-0.0010	0.0001	0.0000	-0.0000	0.0000	0.0000
par-89	-0.0000	0.0000	-0.0002	-0.0000	-0.0000	-0.0000	0.0000

	par-29	par-30	par-31	par-32	par-33	par-34	par-35
par-29	0.0026						
par-30	0.0007	0.0017					
par-31	0.0000	0.0000	0.0020				
par-32	0.0000	0.0000	0.0013	0.0024			
par-33	0.0000	0.0000	0.0015	0.0017	0.0030		
par-34	0.0000	-0.0000	0.0000	0.0000	0.0000	0.0060	
par-35	0.0000	-0.0000	0.0000	-0.0000	0.0000	0.0035	0.0051
par-36	-0.0000	-0.0000	-0.0000	0.0000	-0.0000	0.0021	0.0017
par-37	0.0004	0.0003	0.0003	0.0004	0.0004	0.0001	0.0001
par-38	0.0005	0.0004	0.0005	0.0005	0.0006	0.0002	0.0002
par-39	0.0005	0.0004	0.0004	0.0005	0.0005	0.0002	0.0001
par-40	0.0004	0.0004	0.0004	0.0005	0.0005	0.0002	0.0001
par-41	0.0004	0.0004	0.0004	0.0004	0.0005	0.0002	0.0001
par-42	0.0003	0.0003	0.0003	0.0003	0.0004	0.0001	0.0001
par-43	0.0003	0.0003	0.0003	0.0003	0.0004	0.0001	0.0001
par-44	0.0003	0.0003	0.0003	0.0004	0.0004	0.0001	0.0001
par-45	0.0004	0.0003	0.0003	0.0004	0.0004	0.0001	0.0001
par-46	0.0004	0.0004	0.0004	0.0005	0.0005	0.0002	0.0001
par-47	0.0000	0.0000	0.0000	0.0000	0.0000	-0.0000	0.0000
par-48	0.0000	0.0000	0.0000	0.0000	0.0000	-0.0000	0.0000
par-49	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	-0.0000
par-50	0.0004	0.0003	0.0003	0.0004	0.0004	0.0001	0.0001
par-51	0.0004	0.0003	0.0004	0.0004	0.0005	0.0001	0.0001
par-52	0.0001	0.0001	0.0001	0.0001	0.0001	0.0000	0.0000
par-53	0.0002	0.0002	0.0002	0.0002	0.0003	0.0001	0.0001
par-54	-0.0000	-0.0000	-0.0000	-0.0000	-0.0000	0.0011	0.0009
par-55	-0.0000	-0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
par-56	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
par-57	0.0000	0.0000	0.0000	-0.0000	0.0000	0.0000	0.0000
par-58	-0.0000	-0.0000	-0.0000	-0.0000	-0.0000	-0.0000	0.0000
par-59	-0.0000	-0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
par-60	0.0000	-0.0000	-0.0000	0.0000	0.0000	-0.0000	0.0000
par-61	0.0000	-0.0000	-0.0000	0.0000	0.0000	0.0000	0.0000
par-62	-0.0000	-0.0000	-0.0000	-0.0000	-0.0000	-0.0000	-0.0000
par-63	0.0000	0.0000	-0.0000	-0.0000	-0.0000	0.0000	0.0000
par-64	-0.0000	0.0000	-0.0000	-0.0000	-0.0000	-0.0000	0.0000
par-65	0.0000	-0.0000	0.0000	0.0000	0.0000	-0.0000	-0.0000
par-66	-0.0000	-0.0000	0.0000	-0.0000	0.0000	0.0000	0.0000
par-67	-0.0000	-0.0000	-0.0000	0.0000	-0.0000	-0.0000	-0.0000
par-68	0.0000	-0.0000	-0.0000	0.0000	0.0000	-0.0000	-0.0000
par-69	-0.0000	0.0000	-0.0000	-0.0000	-0.0000	0.0000	0.0000
par-70	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
par-71	0.0000	0.0000	-0.0000	-0.0000	-0.0000	-0.0000	-0.0000
par-72	0.0000	0.0000	0.0000	0.0000	0.0000	-0.0000	-0.0000
par-73	0.0000	-0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
par-74	-0.0000	-0.0000	-0.0000	-0.0000	-0.0000	-0.0000	0.0000

par-75	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	-0.0000
par-76	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	-0.0000
par-77	-0.0000	-0.0000	-0.0000	-0.0000	-0.0000	-0.0000	-0.0000
par-78	-0.0000	-0.0000	-0.0000	-0.0000	-0.0000	-0.0000	-0.0000
par-79	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
par-80	0.0000	-0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
par-81	0.0000	-0.0000	0.0000	0.0000	0.0000	0.0000	-0.0000
par-82	-0.0000	0.0000	-0.0000	-0.0000	-0.0000	-0.0000	0.0000
par-83	0.0000	-0.0000	-0.0000	-0.0000	0.0000	0.0000	-0.0000
par-84	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
par-85	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
par-86	-0.0000	0.0000	-0.0000	-0.0000	-0.0000	0.0000	-0.0000
par-87	-0.0000	-0.0000	-0.0000	-0.0000	-0.0000	-0.0000	-0.0000
par-88	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
par-89	0.0000	0.0000	-0.0000	0.0000	0.0000	-0.0000	-0.0000

	par-36	par-37	par-38	par-39	par-40	par-41	par-42
par-36	0.0058						
par-37	0.0001	0.0021					
par-38	0.0001	0.0004	0.0035				
par-39	0.0001	0.0004	0.0005	0.0032			

par-40	0.0001	0.0004	0.0005	0.0005	0.0022		
par-41	0.0001	0.0004	0.0005	0.0004	0.0008	0.0023	
par-42	0.0001	0.0003	0.0004	0.0003	0.0006	0.0005	0.0019
par-43	0.0001	0.0003	0.0004	0.0003	0.0003	0.0003	0.0002
par-44	0.0001	0.0003	0.0004	0.0004	0.0004	0.0003	0.0002
par-45	0.0001	0.0003	0.0004	0.0004	0.0004	0.0004	0.0003
par-46	0.0001	0.0004	0.0005	0.0005	0.0005	0.0004	0.0003
par-47	0.0000	-0.0000	-0.0000	-0.0000	0.0000	0.0000	0.0000
par-48	-0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
par-49	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
par-50	0.0001	0.0003	0.0004	0.0004	0.0005	0.0005	0.0003
par-51	0.0001	0.0003	0.0004	0.0004	0.0005	0.0005	0.0004
par-52	0.0000	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001
par-53	0.0000	0.0002	0.0003	0.0002	0.0003	0.0003	0.0002
par-54	0.0006	0.0000	0.0001	0.0000	0.0000	0.0000	0.0000
par-55	-0.0000	-0.0000	-0.0000	-0.0000	-0.0000	-0.0000	-0.0000
par-56	-0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
par-57	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
par-58	-0.0000	-0.0000	-0.0000	-0.0000	-0.0000	-0.0000	-0.0000
par-59	0.0000	0.0000	0.0000	-0.0000	0.0000	0.0000	0.0000
par-60	0.0000	0.0000	-0.0000	-0.0000	0.0000	0.0000	0.0000
par-61	-0.0000	-0.0000	-0.0000	-0.0000	0.0000	-0.0000	-0.0000
par-62	-0.0000	-0.0000	-0.0000	-0.0000	-0.0000	-0.0000	-0.0000
par-63	-0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
par-64	0.0000	0.0000	0.0000	0.0000	-0.0000	0.0000	0.0000
par-65	-0.0000	-0.0000	-0.0000	-0.0000	0.0000	-0.0000	-0.0000
par-66	-0.0000	-0.0000	0.0000	-0.0000	-0.0000	-0.0000	0.0000
par-67	0.0000	-0.0000	-0.0000	0.0000	-0.0000	-0.0000	-0.0000
par-68	-0.0000	-0.0000	-0.0000	-0.0000	-0.0000	-0.0000	0.0000
par-69	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
par-70	-0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	-0.0000
par-71	-0.0000	-0.0000	-0.0000	0.0000	0.0000	-0.0000	-0.0000
par-72	-0.0000	-0.0000	-0.0000	0.0000	0.0000	-0.0000	0.0000
par-73	0.0000	0.0000	0.0000	-0.0000	0.0000	0.0000	0.0000
par-74	0.0000	-0.0000	-0.0000	-0.0000	-0.0000	0.0000	0.0000
par-75	-0.0000	0.0000	0.0000	0.0000	0.0000	-0.0000	-0.0000
par-76	-0.0000	0.0000	0.0000	0.0000	0.0000	-0.0000	-0.0000
par-77	-0.0000	-0.0000	-0.0000	-0.0000	-0.0000	-0.0000	-0.0000
par-78	0.0000	0.0000	-0.0000	0.0000	-0.0000	-0.0000	-0.0000

par-79	0.0000	0.0000	0.0000	0.0000	-0.0000	0.0000	0.0000
par-80	0.0000	0.0000	0.0000	-0.0000	-0.0000	0.0000	0.0000
par-81	0.0000	0.0000	0.0000	0.0000	-0.0000	-0.0000	-0.0000
par-82	-0.0000	-0.0000	-0.0000	-0.0000	0.0000	0.0000	0.0000
par-83	0.0000	0.0000	0.0000	0.0000	-0.0000	-0.0000	-0.0000
par-84	0.0000	0.0000	0.0000	-0.0000	0.0000	0.0000	0.0000
par-85	0.0000	-0.0000	0.0000	-0.0000	0.0000	0.0000	0.0000
par-86	0.0000	0.0000	-0.0000	0.0000	-0.0000	-0.0000	-0.0000
par-87	0.0000	-0.0000	-0.0000	-0.0000	-0.0000	-0.0000	-0.0000
par-88	-0.0000	0.0000	0.0000	0.0000	0.0000	-0.0000	-0.0000
par-89	-0.0000	0.0000	-0.0000	0.0000	0.0000	0.0000	0.0000

	par-43	par-44	par-45	par-46	par-47	par-48	par-49
par-43	0.0022						
par-44	0.0007	0.0019					
par-45	0.0007	0.0008	0.0018				
par-46	0.0009	0.0010	0.0011	0.0032			
par-47	0.0000	0.0000	0.0000	0.0000	0.0035		
par-48	0.0000	0.0000	0.0000	0.0000	0.0011	0.0032	
par-49	0.0000	0.0000	0.0000	-0.0000	0.0008	0.0015	0.0033
par-50	0.0006	0.0006	0.0007	0.0008	-0.0001	-0.0002	-0.0001
par-51	0.0006	0.0007	0.0007	0.0008	-0.0001	-0.0002	-0.0001
par-52	0.0002	0.0002	0.0002	0.0002	-0.0000	-0.0000	-0.0000
par-53	0.0003	0.0004	0.0004	0.0005	-0.0001	-0.0001	-0.0001
par-54	0.0000	0.0000	0.0000	0.0000	0.0000	-0.0000	-0.0000
par-55	-0.0000	-0.0000	0.0000	-0.0000	0.0000	0.0000	0.0000
par-56	0.0000	0.0000	-0.0000	0.0000	-0.0000	0.0000	0.0000
par-57	0.0000	0.0000	0.0000	0.0000	-0.0000	-0.0000	0.0000
par-58	-0.0000	-0.0000	0.0000	-0.0000	-0.0000	-0.0000	-0.0000
par-59	0.0000	-0.0000	0.0000	0.0000	-0.0000	0.0000	0.0000
par-60	0.0000	0.0000	-0.0000	0.0000	0.0000	0.0000	0.0000
par-61	-0.0000	-0.0000	-0.0000	0.0000	-0.0000	-0.0000	-0.0000
par-62	-0.0000	-0.0000	-0.0000	-0.0000	-0.0000	-0.0000	-0.0000
par-63	0.0000	0.0000	-0.0000	0.0000	0.0000	-0.0000	-0.0000
par-64	-0.0000	0.0000	-0.0000	0.0000	0.0000	-0.0000	-0.0000
par-65	-0.0000	-0.0000	0.0000	-0.0000	-0.0000	-0.0000	0.0000
par-66	-0.0000	0.0000	-0.0000	-0.0000	-0.0000	-0.0000	0.0000
par-67	-0.0000	-0.0000	0.0000	-0.0000	-0.0000	-0.0000	-0.0000
par-68	-0.0000	-0.0000	-0.0000	-0.0000	0.0000	0.0000	0.0000
par-69	0.0000	0.0000	-0.0000	0.0000	-0.0000	-0.0000	-0.0000
par-70	0.0000	0.0000	0.0000	0.0000	-0.0000	0.0000	-0.0000
par-71	-0.0000	0.0000	0.0000	0.0000	0.0000	-0.0000	0.0000
par-72	-0.0000	-0.0000	-0.0000	-0.0000	0.0000	-0.0000	-0.0000
par-73	0.0000	0.0000	0.0000	-0.0000	0.0000	0.0000	0.0000
par-74	0.0000	-0.0000	0.0000	-0.0000	0.0000	-0.0000	0.0000
par-75	-0.0000	0.0000	-0.0000	0.0000	-0.0000	-0.0000	-0.0000
par-76	-0.0000	0.0000	-0.0000	0.0000	-0.0000	-0.0000	-0.0000
par-77	0.0000	-0.0000	0.0000	0.0000	0.0000	-0.0000	-0.0000
par-78	0.0000	-0.0000	0.0000	0.0000	-0.0000	-0.0000	0.0000
par-79	0.0000	0.0000	0.0000	0.0000	-0.0000	0.0000	0.0000
par-80	0.0000	0.0000	-0.0000	-0.0000	-0.0000	-0.0000	0.0000
par-81	0.0000	0.0000	-0.0000	0.0000	-0.0000	0.0000	0.0000
par-82	-0.0000	-0.0000	0.0000	0.0000	-0.0000	-0.0000	-0.0000
par-83	-0.0000	0.0000	-0.0000	-0.0000	0.0000	0.0000	0.0000
par-84	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
par-85	0.0000	0.0000	-0.0000	0.0000	0.0000	-0.0000	-0.0000
par-86	-0.0000	-0.0000	-0.0000	-0.0000	-0.0000	-0.0000	-0.0000
par-87	-0.0000	-0.0000	-0.0000	-0.0000	-0.0000	-0.0000	-0.0000
par-88	0.0000	0.0000	0.0000	0.0000	-0.0000	0.0000	0.0000
par-89	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000

	par-50	par-51	par-52	par-53	par-54	par-55	par-56
par-50	0.0020						
par-51	0.0011	0.0020					
par-52	0.0003	0.0003	0.0029				
par-53	0.0007	0.0007	0.0002	0.0017			
par-54	0.0000	0.0000	0.0000	0.0000	0.0054		
par-55	-0.0000	-0.0000	0.0000	-0.0000	0.0000	0.0008	
par-56	0.0000	0.0000	0.0000	0.0000	-0.0000	-0.0000	0.0015
par-57	0.0000	0.0000	-0.0000	0.0000	0.0000	-0.0001	0.0000
par-58	0.0000	0.0000	0.0000	0.0000	-0.0000	0.0000	-0.0000
par-59	0.0000	0.0000	-0.0000	0.0000	0.0000	0.0001	0.0000
par-60	0.0000	0.0000	0.0000	0.0000	-0.0000	-0.0000	0.0000
par-61	0.0000	-0.0000	0.0000	0.0000	-0.0000	-0.0000	0.0000
par-62	0.0000	0.0000	-0.0000	-0.0000	-0.0000	-0.0000	0.0000
par-63	0.0000	0.0000	0.0000	0.0000	-0.0000	-0.0003	0.0000
par-64	-0.0000	0.0000	-0.0000	-0.0000	0.0000	-0.0001	-0.0000
par-65	-0.0000	-0.0000	0.0000	0.0000	-0.0000	0.0000	0.0000
par-66	-0.0000	0.0000	0.0000	0.0000	0.0000	-0.0000	0.0001
par-67	-0.0000	-0.0000	-0.0000	-0.0000	-0.0000	-0.0000	0.0001
par-68	-0.0000	-0.0000	0.0000	-0.0000	0.0000	0.0001	-0.0000
par-69	0.0000	0.0000	-0.0000	0.0000	0.0000	-0.0000	0.0000
par-70	0.0000	0.0000	-0.0000	0.0000	-0.0000	-0.0000	-0.0000
par-71	-0.0000	-0.0000	0.0000	-0.0000	-0.0000	-0.0000	0.0000
par-72	-0.0000	-0.0000	0.0000	-0.0000	-0.0000	0.0000	-0.0000
par-73	0.0000	-0.0000	0.0000	0.0000	0.0000	0.0001	-0.0000
par-74	-0.0000	-0.0000	-0.0000	-0.0000	0.0000	0.0000	0.0000
par-75	0.0000	0.0000	0.0000	0.0000	-0.0000	-0.0000	-0.0000
par-76	0.0000	0.0000	0.0000	0.0000	-0.0000	-0.0000	-0.0000
par-77	-0.0000	-0.0000	-0.0000	-0.0000	0.0000	-0.0000	0.0000
par-78	0.0000	0.0000	-0.0000	-0.0000	0.0000	-0.0000	-0.0000
par-79	0.0000	0.0000	0.0000	0.0000	-0.0000	0.0000	-0.0000
par-80	-0.0000	-0.0000	0.0000	0.0000	-0.0000	0.0000	0.0000
par-81	-0.0000	-0.0000	-0.0000	-0.0000	-0.0000	-0.0000	0.0000
par-82	0.0000	0.0000	-0.0000	-0.0000	0.0000	0.0000	-0.0000
par-83	-0.0000	-0.0000	0.0000	0.0000	0.0000	-0.0000	0.0000
par-84	0.0000	-0.0000	0.0000	0.0000	-0.0000	-0.0000	0.0000
par-85	0.0000	-0.0000	0.0000	0.0000	0.0000	0.0000	-0.0000
par-86	-0.0000	0.0000	0.0000	-0.0000	-0.0000	-0.0000	0.0000
par-87	-0.0000	0.0000	-0.0000	-0.0000	-0.0000	-0.0000	0.0000
par-88	0.0000	0.0000	-0.0000	0.0000	-0.0000	-0.0000	-0.0000
par-89	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	-0.0003

	par-57	par-58	par-59	par-60	par-61	par-62	par-63
par-57	0.0243						
par-58	0.0000	0.0023					
par-59	-0.0000	-0.0000	0.0001				
par-60	0.0000	0.0000	-0.0000	0.0005			
par-61	0.0001	0.0000	-0.0000	0.0000	0.0007		
par-62	0.0000	0.0000	-0.0000	0.0000	-0.0000	0.0007	
par-63	0.0001	-0.0000	-0.0001	0.0000	0.0000	0.0000	0.0033
par-64	0.0001	0.0000	-0.0001	0.0000	-0.0000	0.0000	0.0001
par-65	-0.0001	-0.0000	-0.0000	-0.0000	0.0000	-0.0000	-0.0000
par-66	0.0000	0.0000	0.0000	-0.0000	-0.0000	-0.0000	0.0000
par-67	0.0000	-0.0000	-0.0000	0.0000	0.0000	0.0000	0.0000
par-68	-0.0123	-0.0000	0.0000	-0.0000	-0.0001	-0.0000	-0.0001
par-69	0.0062	0.0000	-0.0000	0.0000	0.0000	0.0000	0.0000
par-70	0.0014	-0.0000	-0.0000	0.0000	0.0000	-0.0000	0.0000
par-71	-0.0000	-0.0000	-0.0001	0.0000	-0.0000	0.0000	0.0000
par-72	-0.0002	-0.0000	-0.0000	-0.0000	-0.0001	0.0000	-0.0000

par-73	0.0000	0.0000	0.0000	-0.0000	-0.0000	-0.0000	-0.0001
par-74	-0.0000	0.0000	0.0000	-0.0000	-0.0003	0.0001	-0.0000
par-75	-0.0000	-0.0000	-0.0000	0.0000	-0.0001	-0.0001	0.0000
par-76	0.0000	-0.0000	0.0000	0.0000	-0.0000	-0.0001	0.0000
par-77	0.0000	-0.0000	-0.0000	-0.0001	0.0000	-0.0000	0.0000
par-78	-0.0000	-0.0000	0.0000	-0.0000	-0.0000	-0.0001	0.0000
par-79	-0.0000	-0.0000	0.0000	-0.0000	0.0000	-0.0000	-0.0000
par-80	0.0000	0.0000	0.0000	0.0001	-0.0000	0.0000	-0.0000
par-81	-0.0000	-0.0009	0.0000	-0.0000	-0.0000	-0.0000	0.0000
par-82	0.0000	0.0013	0.0000	0.0000	-0.0000	-0.0000	-0.0000
par-83	-0.0000	-0.0005	-0.0000	-0.0000	0.0000	0.0000	0.0000
par-84	-0.0000	-0.0000	0.0000	-0.0000	-0.0000	-0.0003	0.0000
par-85	-0.0000	-0.0000	-0.0000	0.0000	0.0000	-0.0001	-0.0000
par-86	0.0000	0.0000	0.0000	0.0000	-0.0000	0.0000	0.0000
par-87	-0.0000	0.0000	-0.0000	0.0000	-0.0000	0.0001	0.0000
par-88	0.0012	0.0000	-0.0000	0.0000	0.0000	-0.0000	0.0000
par-89	-0.0000	0.0000	-0.0000	-0.0000	-0.0000	-0.0000	-0.0000

	par-64	par-65	par-66	par-67	par-68	par-69	par-70
par-64	0.0025						
par-65	-0.0006	0.0012					
par-66	0.0000	-0.0000	0.0007				
par-67	-0.0000	0.0000	-0.0002	0.0011			
par-68	-0.0001	0.0001	-0.0000		0.0135		
par-69	0.0001	-0.0001	0.0000	-0.0000	-0.0062	0.0070	
par-70	0.0000	-0.0000	-0.0000	0.0000	-0.0014	0.0003	0.0093
par-71	0.0000	-0.0000	0.0000	0.0000	0.0000	-0.0000	0.0000
par-72	-0.0000	0.0000	-0.0000	-0.0000	0.0002	-0.0001	-0.0000
par-73	-0.0001	0.0001	0.0000	-0.0000	-0.0000	-0.0000	0.0000
par-74	0.0002	-0.0001	0.0000	-0.0000	0.0000	0.0000	-0.0000
par-75	-0.0002	0.0001	-0.0000	-0.0000	0.0000	-0.0000	0.0000
par-76	-0.0001	0.0001	-0.0000	0.0000	-0.0000	0.0000	0.0000
par-77	0.0000	-0.0000	0.0000	0.0000	-0.0000	0.0000	0.0000
par-78	-0.0000	0.0000	-0.0000	0.0000	0.0000	-0.0000	-0.0000
par-79	-0.0000	0.0000	0.0000	-0.0000	0.0000	-0.0000	-0.0000
par-80	-0.0000	0.0000	0.0000	0.0000	-0.0000	0.0000	-0.0000
par-81	-0.0000	0.0000	-0.0000	0.0000	0.0000	-0.0000	0.0000
par-82	0.0000	0.0000	0.0000	-0.0000	-0.0000	0.0000	-0.0000
par-83	0.0000	-0.0000	-0.0000	0.0000	0.0000	-0.0000	0.0000
par-84	0.0000	-0.0000	0.0000	-0.0000	0.0000	-0.0000	0.0000
par-85	-0.0000	0.0000	-0.0000	-0.0000	0.0000	-0.0000	0.0000
par-86	0.0000	-0.0000	-0.0000	0.0000	-0.0000	0.0000	0.0000
par-87	0.0000	-0.0000	-0.0000	0.0000	0.0000	0.0000	-0.0000
par-88	0.0000	-0.0000	-0.0000	-0.0000	-0.0012	0.0004	0.0004
par-89	0.0000	-0.0000	-0.0001	-0.0001	0.0000	-0.0000	0.0000

	par-71	par-72	par-73	par-74	par-75	par-76	par-77
par-71	0.0013						
par-72	0.0001	0.0037					
par-73	-0.0000	-0.0001	0.0031				
par-74	-0.0000	-0.0001	-0.0001	0.0016			
par-75	0.0000	0.0000	0.0001	-0.0006	0.0019		
par-76	-0.0000	-0.0000	0.0000	-0.0004	0.0005	0.0012	
par-77	0.0000	-0.0000	-0.0000	-0.0000	0.0000	0.0000	0.0012
par-78	-0.0000	0.0000	-0.0000	0.0000	-0.0000	-0.0000	0.0000
par-79	-0.0000	-0.0000	0.0000	0.0000	-0.0000	-0.0000	-0.0001
par-80	-0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	-0.0002
par-81	0.0000	0.0000	-0.0000	-0.0000	0.0000	0.0000	0.0000
par-82	-0.0000	-0.0000	0.0000	0.0000	-0.0000	0.0000	-0.0000
par-83	0.0000	0.0000	-0.0000	-0.0000	0.0000	-0.0000	0.0000

par-84	-0.0000	-0.0000	-0.0000	-0.0000	0.0000	0.0000	-0.0000
par-85	0.0000	0.0000	0.0000	-0.0001	0.0001	0.0000	0.0000
par-86	-0.0000	-0.0000	-0.0000	0.0000	-0.0000	-0.0000	-0.0000
par-87	0.0000	0.0000	-0.0000	0.0001	-0.0001	-0.0000	-0.0000
par-88	-0.0000	-0.0000	-0.0000	-0.0000	0.0000	0.0000	0.0000
par-89	-0.0000	0.0000	0.0000	-0.0000	0.0000	0.0000	-0.0000

	par-78	par-79	par-80	par-81	par-82	par-83	par-84
par-78	0.0007						
par-79	0.0000	0.0006					
par-80	-0.0001	-0.0000	0.0022				
par-81	0.0000	0.0000	-0.0000	0.0038			
par-82	-0.0000	-0.0000	0.0001	-0.0013	0.0086		
par-83	0.0000	0.0000	-0.0000	0.0005	-0.0038	0.0046	
par-84	0.0000	-0.0000	0.0000	0.0000	-0.0000	0.0000	0.0008
par-85	-0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	-0.0000
par-86	0.0000	-0.0000	-0.0000	-0.0000	0.0000	-0.0000	-0.0000
par-87	0.0000	0.0000	-0.0000	-0.0000	0.0000	-0.0000	-0.0001
par-88	-0.0000	-0.0000	0.0000	-0.0000	0.0000	-0.0000	0.0000
par-89	0.0000	0.0000	-0.0000	-0.0000	0.0000	-0.0000	-0.0000

	par-85	par-86	par-87	par-88	par-89
par-85	0.0008				
par-86	-0.0001	0.0030			
par-87	-0.0001	0.0000	0.0008		
par-88	0.0000	0.0000	-0.0000	0.0097	
par-89	0.0000	-0.0000	-0.0000	0.0000	0.0005

Correlations of Estimates

	par-1	par-2	par-3	par-4	par-5	par-6	par-7
par-1	1.000						
par-2	0.765	1.000					
par-3	-0.005	-0.009	1.000				
par-4	-0.011	-0.003	0.520	1.000			
par-5	-0.002	-0.014	-0.001	-0.000	1.000		
par-6	0.021	0.075	-0.000	-0.022	0.002	1.000	
par-7	0.001	0.001	-0.000	-0.001	0.000	0.002	1.000
par-8	-0.000	-0.001	0.000	0.000	-0.000	-0.001	0.465
par-9	0.002	-0.007	-0.002	0.001	0.001	-0.003	0.008
par-10	-0.001	-0.012	0.000	-0.000	0.315	0.002	0.000
par-11	0.053	0.017	0.011	0.002	0.001	0.497	0.002
par-12	0.011	-0.018	-0.002	0.006	-0.004	-0.039	-0.016
par-13	-0.004	0.016	-0.004	-0.009	-0.001	0.028	-0.107
par-14	-0.012	0.015	-0.004	-0.004	0.001	0.025	0.014
par-15	0.006	-0.034	0.002	0.008	0.008	0.454	0.000
par-16	-0.062	-0.012	0.196	0.206	0.003	-0.550	0.000
par-17	-0.074	-0.001	-0.017	-0.009	0.006	0.018	-0.002
par-18	-0.069	0.006	-0.019	-0.004	0.008	0.024	-0.001
par-19	0.754	0.755	0.017	0.005	-0.002	-0.215	-0.000
par-20	0.010	0.103	-0.003	-0.005	-0.010	-0.240	-0.002
par-21	0.010	0.023	-0.003	-0.002	-0.002	0.026	0.007
par-22	-0.000	0.016	-0.007	-0.004	-0.003	0.021	-0.002
par-23	-0.003	-0.025	0.001	0.001	0.437	0.004	0.001
par-24	0.017	0.031	-0.026	-0.019	-0.013	0.484	0.000
par-25	0.008	0.024	-0.005	-0.009	-0.002	0.029	0.001
par-26	-0.005	0.013	-0.006	-0.004	0.000	0.005	-0.000

par-27	0.004	-0.009	-0.003	-0.000	-0.001	-0.011	0.017
par-28	-0.000	-0.000	-0.000	-0.000	-0.000	-0.000	0.000
par-29	0.000	0.000	-0.000	-0.000	-0.000	0.000	0.000
par-30	0.000	0.000	-0.000	-0.000	-0.000	0.000	-0.000
par-31	-0.000	-0.000	-0.000	-0.000	-0.000	-0.000	0.000
par-32	0.000	-0.000	0.000	0.000	0.000	-0.000	0.000
par-33	-0.000	-0.000	0.000	0.000	-0.000	-0.000	0.000

par-34	-0.000	-0.000	-0.000	-0.000	-0.000	-0.000	0.000
par-35	-0.000	-0.000	-0.000	0.000	-0.000	-0.000	-0.000
par-36	-0.000	-0.000	0.000	0.000	0.000	-0.000	0.000
par-37	0.000	0.000	0.000	0.000	-0.000	-0.000	0.000
par-38	0.000	0.000	-0.000	0.000	-0.000	-0.000	0.000
par-39	0.000	0.000	0.000	0.000	-0.000	0.000	-0.000
par-40	0.000	0.000	0.000	0.000	-0.000	-0.000	0.000
par-41	0.000	0.000	0.000	0.000	-0.000	0.000	-0.000
par-42	0.000	0.000	-0.000	0.000	0.000	0.000	-0.000
par-43	0.000	0.000	0.000	0.000	-0.000	-0.000	0.000
par-44	0.000	0.000	-0.000	0.000	-0.000	-0.000	0.000
par-45	0.000	-0.000	0.000	0.000	-0.000	0.000	-0.000
par-46	0.000	0.000	0.000	0.000	-0.000	0.000	0.000
par-47	-0.000	0.000	0.000	0.000	0.000	-0.000	0.000
par-48	-0.000	0.000	-0.000	-0.000	0.000	0.000	0.000
par-49	-0.000	-0.000	0.000	0.000	0.000	-0.000	0.000
par-50	0.000	0.000	0.000	0.000	-0.000	-0.000	-0.000
par-51	0.000	0.000	-0.000	0.000	-0.000	-0.000	-0.000
par-52	0.000	-0.000	-0.000	0.000	0.000	-0.000	-0.000
par-53	0.000	0.000	-0.000	0.000	-0.000	-0.000	-0.000
par-54	-0.000	-0.000	0.000	0.000	0.000	-0.000	0.000
par-55	-0.885	-0.906	0.007	0.006	0.009	-0.049	-0.001
par-56	0.006	0.005	-0.607	-0.610	0.000	0.009	0.000
par-57	0.003	0.020	-0.001	-0.000	-0.459	-0.004	-0.000
par-58	-0.001	0.000	0.000	0.000	-0.000	-0.001	-0.845
par-59	-0.138	-0.147	-0.011	0.013	0.004	-0.410	-0.001
par-60	0.001	0.033	0.001	-0.010	-0.004	0.039	-0.003
par-61	0.024	0.012	-0.003	-0.011	-0.010	0.010	-0.000
par-62	-0.008	0.017	0.004	-0.006	0.002	0.037	0.001
par-63	0.178	0.195	-0.004	-0.003	-0.004	0.025	0.000
par-64	-0.170	0.202	-0.003	0.010	-0.013	0.056	-0.001
par-65	0.139	-0.264	0.006	-0.008	0.016	-0.077	0.001
par-66	-0.000	0.010	-0.357	0.005	0.001	-0.015	-0.000
par-67	0.011	-0.003	0.005	-0.361	-0.000	0.030	0.001
par-68	-0.003	-0.027	0.001	0.000	0.470	0.005	0.001
par-69	0.003	0.023	-0.001	-0.001	-0.271	-0.004	-0.001
par-70	0.001	0.004	0.001	0.000	-0.201	-0.001	0.000
par-71	0.014	0.020	-0.004	-0.007	0.001	0.149	0.001
par-72	-0.002	-0.010	0.023	0.012	0.015	0.074	0.001
par-73	-0.007	-0.056	-0.004	0.016	-0.002	-0.144	-0.001
par-74	-0.069	-0.003	-0.018	-0.004	0.006	0.009	-0.001
par-75	0.057	-0.001	0.011	0.010	-0.004	-0.021	0.002
par-76	0.044	-0.009	0.013	0.002	-0.007	-0.023	0.000
par-77	0.005	0.019	-0.005	-0.005	-0.002	0.022	0.002
par-78	0.009	0.000	0.004	0.001	0.002	-0.003	0.008
par-79	-0.008	-0.016	0.001	0.012	0.001	-0.023	0.003
par-80	-0.011	-0.015	-0.002	-0.003	0.000	-0.016	-0.010
par-81	0.001	-0.000	-0.000	-0.000	0.000	0.001	0.334
par-82	-0.001	-0.001	0.000	0.001	-0.000	-0.003	-0.667
par-83	0.001	0.001	-0.000	-0.001	0.000	0.003	0.394
par-84	-0.001	0.003	-0.006	-0.002	-0.000	-0.003	0.010
par-85	0.008	-0.020	0.004	0.004	-0.001	-0.013	0.012
par-86	-0.000	0.002	0.000	-0.000	-0.000	0.001	-0.002
par-87	-0.005	0.010	0.001	-0.001	0.001	0.010	-0.013

par-88	0.000	0.003	0.000	0.000	-0.083	-0.000	-0.000
par-89	-0.011	-0.008	0.345	0.347	-0.000	-0.015	-0.001

	par-8	par-9	par-10	par-11	par-12	par-13	par-14
par-8	1.000						
par-9	0.001	1.000					
par-10	-0.000	0.001	1.000				
par-11	-0.000	0.017	0.007	1.000			
par-12	0.001	0.002	-0.003	0.015	1.000		
par-13	-0.188	0.045	-0.001	-0.016	-0.206	1.000	
par-14	-0.005	-0.067	-0.001	-0.115	-0.463	-0.152	1.000
par-15	0.001	0.001	0.009	0.515	-0.111	0.003	-0.246
par-16	0.001	0.006	0.002	-0.561	0.031	-0.027	-0.003
par-17	-0.000	-0.026	0.001	-0.499	-0.087	0.047	0.168
par-18	-0.001	-0.023	0.003	-0.451	-0.138	0.046	0.185
par-19	-0.000	-0.007	-0.004	-0.266	-0.004	0.005	0.005
par-20	0.000	-0.010	-0.009	-0.281	-0.042	0.028	0.031
par-21	-0.004	0.000	-0.001	0.005	0.012	-0.004	0.463
par-22	0.001	0.007	-0.002	0.017	0.094	0.003	0.363
par-23	-0.000	0.003	0.371	0.013	-0.002	-0.004	-0.002
par-24	-0.001	0.003	-0.010	0.492	0.005	0.011	0.011
par-25	-0.002	0.003	-0.002	0.018	0.083	0.012	0.401
par-26	-0.001	0.076	0.000	-0.025	-0.220	0.167	-0.216
par-27	0.002	0.164	-0.000	0.029	-0.027	0.065	-0.159
par-28	0.000	0.000	-0.000	0.000	0.000	-0.000	-0.000
par-29	0.000	0.000	-0.000	0.000	0.000	-0.000	-0.000
par-30	0.000	0.000	-0.000	0.000	0.000	-0.000	-0.000
par-31	0.000	0.000	-0.000	0.000	0.000	-0.000	-0.000
par-32	0.000	0.000	-0.000	0.000	0.000	-0.000	-0.000
par-33	0.000	0.000	-0.000	0.000	0.000	-0.000	-0.000
par-34	-0.000	-0.000	-0.000	-0.000	0.000	-0.000	-0.000
par-35	0.000	0.000	-0.000	-0.000	0.000	0.000	-0.000
par-36	-0.000	0.000	-0.000	-0.000	-0.000	0.000	-0.000
par-37	0.000	-0.000	-0.000	-0.000	0.000	0.000	-0.000
par-38	-0.000	0.000	-0.000	-0.000	0.000	-0.000	0.000
par-39	0.000	-0.000	-0.000	0.000	0.000	0.000	-0.000
par-40	0.000	0.000	-0.000	0.000	0.000	-0.000	-0.000
par-41	0.000	0.000	-0.000	0.000	0.000	-0.000	-0.000
par-42	0.000	0.000	0.000	0.000	0.000	0.000	-0.000
par-43	0.000	0.000	-0.000	0.000	-0.000	-0.000	-0.000
par-44	0.000	0.000	-0.000	0.000	-0.000	-0.000	0.000
par-45	-0.000	0.001	-0.000	0.000	-0.002	-0.000	0.003
par-46	0.000	0.000	-0.000	0.000	-0.000	-0.000	0.000
par-47	0.000	0.000	0.000	0.000	0.000	0.000	-0.000
par-48	0.000	0.000	-0.000	-0.000	-0.000	0.000	-0.000
par-49	0.000	0.000	-0.000	-0.000	-0.000	0.000	-0.000
par-50	-0.000	-0.000	-0.000	0.000	0.000	-0.000	0.000
par-51	-0.000	-0.000	-0.000	0.000	-0.000	-0.000	0.000
par-52	-0.000	0.000	0.000	0.000	0.000	-0.000	0.000
par-53	-0.000	0.000	-0.000	0.000	0.000	-0.000	0.000
par-54	0.000	0.000	0.000	-0.000	-0.000	0.000	-0.000
par-55	0.001	0.003	0.007	-0.034	0.004	-0.006	-0.002
par-56	-0.000	0.000	-0.000	-0.005	-0.002	0.005	0.003
par-57	0.000	-0.002	-0.372	-0.009	0.002	0.003	0.001
par-58	-0.717	-0.005	-0.000	-0.001	0.009	0.179	-0.006
par-59	0.002	-0.006	0.003	-0.333	0.027	-0.029	-0.036
par-60	0.000	-0.002	-0.004	0.011	0.063	0.012	-0.494
par-61	-0.003	0.004	-0.012	0.000	-0.147	0.013	0.063
par-62	-0.003	-0.166	0.001	-0.029	0.025	0.053	0.017
par-63	-0.000	-0.002	-0.003	0.017	-0.002	0.003	0.001

par-64	-0.001	-0.010	-0.011	-0.048	-0.034	0.022	0.032
par-65	0.001	0.011	0.014	0.038	0.038	-0.025	-0.034
par-66	0.000	0.003	-0.000	-0.014	0.008	-0.002	0.004
par-67	-0.000	-0.002	0.000	0.005	-0.010	0.010	0.002
par-68	-0.000	0.003	0.417	0.012	-0.003	-0.004	-0.001
par-69	0.000	-0.003	-0.252	-0.013	0.001	0.004	0.002
par-70	-0.000	-0.000	-0.116	0.003	0.003	0.000	-0.001
par-71	-0.001	0.003	0.003	0.168	-0.016	0.015	0.007
par-72	-0.001	-0.000	0.014	0.083	-0.024	0.006	-0.004

par-73	0.000	0.006	0.001	0.035	0.023	-0.013	-0.019
par-74	0.001	-0.022	0.002	-0.326	-0.092	0.034	0.124
par-75	0.001	0.023	0.000	0.300	0.175	-0.044	-0.156
par-76	0.001	0.015	-0.003	0.219	0.193	-0.036	-0.152
par-77	-0.002	0.003	-0.002	0.006	0.030	0.002	0.129
par-78	-0.004	-0.008	0.001	-0.024	-0.129	-0.003	0.139
par-79	0.001	-0.001	0.001	-0.030	-0.127	-0.023	0.082
par-80	0.006	0.004	-0.000	-0.001	0.023	0.010	-0.107
par-81	0.183	0.004	0.000	0.001	-0.007	-0.040	0.005
par-82	0.151	-0.009	-0.000	-0.002	0.019	-0.057	-0.020
par-83	-0.300	0.005	0.000	0.002	-0.013	0.049	0.016
par-84	0.000	0.095	0.000	0.001	-0.075	0.111	-0.072
par-85	0.003	0.119	-0.000	0.047	0.165	-0.106	0.016
par-86	-0.000	-0.067	-0.000	-0.005	-0.010	-0.005	0.004
par-87	-0.002	-0.075	0.000	-0.029	-0.059	0.006	0.025
par-88	0.000	-0.000	-0.121	-0.002	0.001	0.000	0.000
par-89	0.000	-0.001	0.000	0.008	0.003	-0.009	-0.005

	par-15	par-16	par-17	par-18	par-19	par-20	par-21
par-15	1.000						
par-16	-0.538	1.000					
par-17	0.004	-0.016	1.000				
par-18	0.007	0.004	0.673	1.000			
par-19	-0.302	0.158	-0.019	-0.024	1.000		
par-20	-0.227	0.186	0.096	0.091	0.131	1.000	
par-21	-0.427	-0.010	-0.007	-0.007	0.015	0.002	1.000
par-22	-0.431	-0.004	-0.023	-0.023	0.006	0.012	0.619
par-23	0.015	0.003	-0.001	0.003	-0.010	-0.024	-0.002
par-24	0.458	-0.523	0.001	0.002	-0.279	-0.056	0.015
par-25	-0.471	-0.012	-0.022	-0.021	0.016	0.001	0.671
par-26	0.002	-0.003	0.030	0.034	0.008	0.010	0.000
par-27	-0.005	0.011	-0.057	-0.051	-0.005	-0.003	-0.002
par-28	0.000	-0.000	0.000	-0.000	-0.000	-0.000	-0.000
par-29	0.000	-0.000	-0.000	-0.000	0.000	-0.000	-0.000
par-30	0.000	-0.000	-0.000	-0.000	0.000	-0.000	0.000
par-31	0.000	0.000	-0.000	-0.000	-0.000	-0.000	-0.000
par-32	0.000	0.000	-0.000	-0.000	-0.000	-0.000	-0.000
par-33	0.000	0.000	-0.000	-0.000	-0.000	-0.000	-0.000
par-34	0.000	0.000	-0.000	-0.000	-0.000	0.000	-0.000
par-35	0.000	-0.000	0.000	0.000	-0.000	0.000	-0.000
par-36	-0.000	0.000	0.000	0.000	-0.000	0.000	-0.000
par-37	-0.000	0.000	-0.000	-0.000	0.000	0.000	-0.000
par-38	0.000	0.000	-0.000	-0.000	0.000	0.000	-0.000
par-39	0.000	-0.000	-0.000	-0.000	0.000	-0.000	0.000
par-40	0.000	-0.000	-0.000	-0.000	0.000	-0.000	-0.000
par-41	0.000	-0.000	0.000	0.000	0.000	0.000	-0.000
par-42	0.000	-0.000	0.000	0.000	0.000	0.000	-0.000
par-43	0.000	0.000	0.000	-0.000	0.000	0.000	-0.000
par-44	0.000	0.000	-0.000	-0.000	0.000	0.000	-0.000
par-45	-0.001	-0.000	0.000	0.000	-0.000	0.000	0.003
par-46	0.000	-0.000	-0.000	-0.000	0.000	0.000	0.000

par-47	0.000	-0.000	0.000	0.000	-0.000	0.000	-0.000
par-48	0.000	0.000	-0.000	-0.000	0.000	0.000	-0.000
par-49	0.000	0.000	0.000	0.000	0.000	0.000	-0.000
par-50	0.000	0.000	-0.000	-0.000	0.000	0.000	-0.000
par-51	0.000	0.000	-0.000	-0.000	0.000	0.000	-0.000
par-52	0.000	0.000	-0.000	-0.000	-0.000	-0.000	-0.000
par-53	0.000	0.000	-0.000	-0.000	0.000	0.000	-0.000
par-54	-0.000	-0.000	0.000	0.000	-0.000	0.000	0.000
par-55	0.015	0.035	0.035	0.029	-0.841	-0.058	-0.017
par-56	-0.004	-0.227	0.010	0.009	-0.009	0.003	0.002

par-57	-0.012	-0.003	-0.001	-0.004	0.007	-0.003	0.002
par-58	-0.001	-0.000	0.001	0.001	0.000	0.001	-0.002
par-59	-0.192	0.315	0.056	0.011	-0.187	0.083	-0.037
par-60	0.292	0.018	-0.014	-0.004	0.025	0.035	-0.670
par-61	-0.080	0.080	-0.288	-0.253	0.046	0.069	0.027
par-62	0.014	-0.026	0.092	0.098	0.006	0.032	-0.029
par-63	-0.007	-0.018	-0.018	-0.015	0.199	0.030	0.008
par-64	-0.045	0.063	0.090	0.092	0.090	0.101	0.013
par-65	0.052	-0.053	-0.082	-0.086	0.058	-0.128	-0.020
par-66	0.002	-0.002	0.017	0.024	-0.021	0.001	0.003
par-67	-0.009	-0.022	-0.000	-0.008	0.006	0.005	0.000
par-68	0.017	0.004	0.001	0.005	-0.010	-0.035	-0.003
par-69	-0.014	-0.002	0.003	-0.001	0.010	0.052	0.002
par-70	-0.002	-0.001	-0.004	-0.005	-0.001	0.010	0.001
par-71	0.113	-0.144	-0.020	-0.007	-0.038	-0.066	0.012
par-72	0.061	-0.049	-0.024	-0.011	-0.006	-0.159	-0.002
par-73	0.028	0.021	-0.040	-0.032	-0.052	0.050	-0.014
par-74	-0.004	-0.002	0.533	0.500	-0.023	0.080	-0.008
par-75	-0.009	0.024	-0.549	-0.413	0.011	-0.082	0.005
par-76	-0.011	-0.006	-0.340	-0.445	0.015	-0.064	0.003
par-77	-0.144	-0.007	-0.009	-0.008	0.011	0.003	0.241
par-78	0.020	-0.005	0.030	0.031	0.007	-0.017	0.067
par-79	0.108	0.013	0.031	0.031	-0.014	0.005	-0.033
par-80	0.064	0.009	0.000	-0.000	-0.012	0.002	-0.277
par-81	0.000	0.000	-0.001	-0.001	-0.000	-0.001	0.002
par-82	0.000	0.000	0.002	0.001	-0.000	0.002	-0.011
par-83	-0.001	-0.001	-0.001	-0.000	0.000	-0.002	0.009
par-84	-0.001	0.005	-0.015	-0.009	0.002	0.004	-0.001
par-85	-0.005	0.010	-0.071	-0.071	-0.013	-0.014	-0.001
par-86	-0.000	-0.001	0.007	0.006	0.002	0.003	-0.000
par-87	0.004	-0.009	0.053	0.049	0.006	0.005	0.001
par-88	-0.002	-0.001	-0.000	-0.001	0.001	0.004	0.000
par-89	0.007	0.107	-0.017	-0.015	0.015	-0.006	-0.004

	par-22	par-23	par-24	par-25	par-26	par-27	par-28
par-22	1.000						
par-23	-0.005	1.000					
par-24	0.019	-0.020	1.000				
par-25	0.672	-0.004	0.015	1.000			
par-26	-0.030	0.000	-0.009	-0.000	1.000		
par-27	0.013	0.000	-0.000	0.008	0.319	1.000	
par-28	-0.000	-0.000	-0.000	-0.000	-0.000	0.000	1.000
par-29	-0.000	0.000	0.000	-0.000	-0.000	0.000	0.155
par-30	-0.000	-0.000	0.000	-0.000	0.000	0.000	0.171
par-31	-0.000	-0.000	0.000	-0.000	-0.000	0.000	0.000
par-32	-0.000	0.000	-0.000	-0.000	-0.000	0.000	0.000
par-33	-0.000	0.000	-0.000	-0.000	-0.000	0.000	0.000
par-34	0.000	-0.000	0.000	-0.000	-0.000	0.000	0.000
par-35	0.000	-0.000	0.000	-0.000	0.000	0.000	0.000
par-36	-0.000	-0.000	0.000	-0.000	0.000	0.000	-0.000

par-37	-0.000	-0.000	-0.000	-0.000	0.000	0.000	0.075
par-38	-0.000	-0.000	0.000	-0.000	0.000	0.000	0.080
par-39	-0.000	-0.000	-0.000	-0.000	0.000	0.000	0.076
par-40	-0.000	-0.000	-0.000	-0.000	-0.000	0.000	0.089
par-41	-0.000	-0.000	0.000	-0.000	-0.000	0.000	0.082
par-42	-0.000	0.000	-0.000	-0.000	-0.000	0.000	0.067
par-43	-0.000	-0.000	-0.000	-0.000	0.000	0.000	0.061
par-44	0.000	-0.000	0.000	-0.000	-0.000	0.000	0.075
par-45	-0.000	0.000	0.000	-0.001	0.000	0.000	0.081
par-46	-0.000	-0.000	0.000	0.000	-0.000	0.000	0.073
par-47	0.000	0.000	-0.000	-0.000	0.000	0.000	0.000

par-48	0.000	0.000	-0.000	-0.000	0.000	0.000	0.000
par-49	0.000	-0.000	-0.000	-0.000	0.000	0.000	0.000
par-50	-0.000	-0.000	0.000	-0.000	-0.000	-0.000	0.077
par-51	-0.000	-0.000	-0.000	-0.000	0.000	-0.000	0.080
par-52	-0.000	0.000	0.000	-0.000	-0.000	0.000	0.019
par-53	0.000	-0.000	0.000	-0.000	-0.000	0.000	0.052
par-54	0.000	-0.000	0.000	0.000	0.000	0.000	0.000
par-55	-0.008	0.015	-0.024	-0.016	-0.004	0.003	0.000
par-56	0.004	-0.001	0.018	0.006	0.004	0.001	0.000
par-57	0.004	-0.722	0.017	0.003	-0.000	0.000	0.000
par-58	0.001	-0.000	0.000	0.000	0.001	-0.011	-0.000
par-59	-0.052	0.010	-0.311	-0.055	0.028	0.009	-0.000
par-60	-0.635	-0.007	0.030	-0.654	-0.005	-0.009	0.000
par-61	0.026	-0.019	0.010	0.022	-0.025	0.003	-0.000
par-62	0.033	-0.001	0.005	0.009	-0.410	-0.493	-0.000
par-63	0.004	-0.007	0.012	0.008	0.002	-0.001	-0.000
par-64	0.018	-0.024	0.012	0.016	0.020	-0.015	-0.000
par-65	-0.022	0.030	-0.022	-0.023	-0.023	0.017	0.000
par-66	0.006	-0.001	0.023	0.001	0.005	0.004	0.000
par-67	0.001	0.000	0.008	0.009	0.001	-0.002	-0.000
par-68	-0.005	0.770	-0.022	-0.004	0.000	-0.000	-0.000
par-69	0.004	-0.686	0.018	0.003	0.000	-0.000	0.000
par-70	0.001	-0.078	0.004	0.001	-0.000	0.001	0.000
par-71	0.015	0.004	0.110	0.016	-0.010	-0.004	0.000
par-72	-0.003	0.026	-0.107	0.002	-0.002	-0.004	0.000
par-73	-0.006	-0.000	0.020	-0.014	-0.016	0.007	0.000
par-74	-0.020	0.001	0.001	-0.017	0.036	-0.046	-0.000
par-75	0.019	0.002	-0.001	0.019	-0.017	0.050	0.000
par-76	0.017	-0.003	-0.002	0.016	-0.020	0.035	0.000
par-77	0.188	-0.003	0.015	0.226	-0.006	0.006	-0.000
par-78	-0.195	0.004	-0.011	0.007	0.048	-0.014	-0.000
par-79	-0.065	0.002	-0.005	-0.274	-0.012	-0.006	0.000
par-80	-0.041	-0.000	-0.005	-0.077	-0.009	0.013	0.000
par-81	-0.001	0.000	-0.000	-0.000	-0.001	0.008	0.000
par-82	0.003	-0.001	-0.001	-0.002	-0.000	-0.018	-0.000
par-83	-0.003	0.001	0.001	0.002	0.001	0.011	0.000
par-84	-0.013	0.000	-0.006	0.005	0.331	0.333	0.000
par-85	0.042	0.000	0.010	0.005	-0.360	0.169	0.000
par-86	-0.003	-0.001	-0.001	-0.001	0.017	-0.017	-0.000
par-87	-0.018	0.000	-0.002	-0.006	0.023	-0.262	-0.000
par-88	0.001	-0.077	0.002	0.001	-0.000	0.000	0.000
par-89	-0.008	0.001	-0.030	-0.010	-0.006	-0.002	0.000

	par-29	par-30	par-31	par-32	par-33	par-34	par-35
par-29	1.000						
par-30	0.353	1.000					
par-31	0.000	0.000	1.000				
par-32	0.000	0.000	0.606	1.000			
par-33	0.000	0.000	0.610	0.623	1.000		

par-34	0.000	-0.000	0.000	0.000	0.000	1.000	
par-35	0.000	-0.000	0.000	-0.000	0.000	0.622	1.000
par-36	-0.000	-0.000	-0.000	0.000	-0.000	0.357	0.317
par-37	0.154	0.170	0.169	0.173	0.174	0.040	0.035
par-38	0.165	0.182	0.181	0.185	0.186	0.042	0.038
par-39	0.158	0.174	0.173	0.177	0.178	0.040	0.036
par-40	0.183	0.202	0.201	0.206	0.207	0.047	0.042
par-41	0.170	0.187	0.186	0.190	0.191	0.044	0.039
par-42	0.139	0.153	0.152	0.155	0.156	0.036	0.032
par-43	0.127	0.139	0.139	0.142	0.143	0.032	0.029
par-44	0.155	0.171	0.170	0.174	0.175	0.040	0.035
par-45	0.167	0.184	0.183	0.187	0.188	0.043	0.038

par-46	0.151	0.166	0.166	0.169	0.170	0.039	0.034
par-47	0.000	0.000	0.000	0.000	0.000	-0.000	0.000
par-48	0.000	0.000	0.000	0.000	0.000	-0.000	0.000
par-49	0.000	0.000	0.000	0.000	0.000	0.000	-0.000
par-50	0.158	0.174	0.174	0.177	0.178	0.041	0.036
par-51	0.165	0.182	0.181	0.185	0.186	0.042	0.038
par-52	0.039	0.042	0.042	0.043	0.043	0.010	0.009
par-53	0.108	0.119	0.118	0.121	0.121	0.028	0.025
par-54	-0.000	-0.000	-0.000	-0.000	-0.000	0.200	0.178
par-55	-0.000	-0.000	0.000	0.000	0.000	0.000	0.000
par-56	0.000	0.000	0.000	0.000	0.000	0.000	0.000
par-57	0.000	0.000	0.000	-0.000	0.000	0.000	0.000
par-58	-0.000	-0.000	-0.000	-0.000	-0.000	-0.000	0.000
par-59	-0.000	-0.000	0.000	0.000	0.000	0.000	0.000
par-60	0.000	-0.000	-0.000	0.000	0.000	-0.000	0.000
par-61	0.000	-0.000	-0.000	0.000	0.000	0.000	0.000
par-62	-0.000	-0.000	-0.000	-0.000	-0.000	-0.000	-0.000
par-63	0.000	0.000	-0.000	-0.000	-0.000	0.000	0.000
par-64	-0.000	0.000	-0.000	-0.000	-0.000	-0.000	0.000
par-65	0.000	-0.000	0.000	0.000	0.000	-0.000	-0.000
par-66	-0.000	-0.000	0.000	-0.000	0.000	0.000	0.000
par-67	-0.000	-0.000	-0.000	0.000	-0.000	-0.000	-0.000
par-68	0.000	-0.000	-0.000	0.000	0.000	-0.000	-0.000
par-69	-0.000	0.000	-0.000	-0.000	-0.000	0.000	0.000
par-70	0.000	0.000	0.000	0.000	0.000	0.000	0.000
par-71	0.000	0.000	-0.000	-0.000	-0.000	-0.000	-0.000
par-72	0.000	0.000	0.000	0.000	0.000	-0.000	-0.000
par-73	0.000	-0.000	0.000	0.000	0.000	0.000	0.000
par-74	-0.000	-0.000	-0.000	-0.000	-0.000	-0.000	0.000
par-75	0.000	0.000	0.000	0.000	0.000	0.000	-0.000
par-76	0.000	0.000	0.000	0.000	0.000	0.000	-0.000
par-77	-0.000	-0.000	-0.000	-0.000	-0.000	-0.000	-0.000
par-78	-0.000	-0.000	-0.000	-0.000	-0.000	-0.000	-0.000
par-79	0.000	0.000	0.000	0.000	0.000	0.000	0.000
par-80	0.000	-0.000	0.000	0.000	0.000	0.000	0.000
par-81	0.000	-0.000	0.000	0.000	0.000	0.000	-0.000
par-82	-0.000	0.000	-0.000	-0.000	-0.000	-0.000	0.000
par-83	0.000	-0.000	-0.000	-0.000	0.000	0.000	-0.000
par-84	0.000	0.000	0.000	0.000	0.000	0.000	0.000
par-85	0.000	0.000	0.000	0.000	0.000	0.000	0.000
par-86	-0.000	0.000	-0.000	-0.000	-0.000	0.000	-0.000
par-87	-0.000	-0.000	-0.000	-0.000	-0.000	-0.000	-0.000
par-88	0.000	0.000	0.000	0.000	0.000	0.000	0.000
par-89	0.000	0.000	-0.000	0.000	0.000	-0.000	-0.000

	par-36	par-37	par-38	par-39	par-40	par-41	par-42
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par-36	1.000	
par-37	0.020	1.000

par-38	0.022	0.157	1.000				
par-39	0.021	0.150	0.161	1.000			
par-40	0.024	0.175	0.187	0.178	1.000		
par-41	0.022	0.162	0.173	0.165	0.354	1.000	
par-42	0.018	0.132	0.141	0.135	0.288	0.267	1.000
par-43	0.017	0.120	0.129	0.123	0.143	0.133	0.108
par-44	0.020	0.147	0.158	0.151	0.175	0.162	0.132
par-45	0.022	0.159	0.170	0.162	0.188	0.174	0.142
par-46	0.020	0.144	0.154	0.147	0.171	0.158	0.129
par-47	0.000	-0.000	-0.000	-0.000	0.000	0.000	0.000
par-48	-0.000	0.000	0.000	0.000	0.000	0.000	0.000
par-49	0.000	0.000	0.000	0.000	0.000	0.000	0.000
par-50	0.021	0.151	0.161	0.154	0.234	0.216	0.177

par-51	0.022	0.157	0.168	0.161	0.244	0.226	0.184
par-52	0.005	0.037	0.039	0.037	0.057	0.053	0.043
par-53	0.014	0.102	0.109	0.105	0.159	0.147	0.120
par-54	0.102	0.011	0.012	0.012	0.013	0.012	0.010
par-55	-0.000	-0.000	-0.000	-0.000	-0.000	-0.000	-0.000
par-56	-0.000	0.000	0.000	0.000	0.000	0.000	0.000
par-57	0.000	0.000	0.000	0.000	0.000	0.000	0.000
par-58	-0.000	-0.000	-0.000	-0.000	-0.000	-0.000	-0.000
par-59	0.000	0.000	0.000	-0.000	0.000	0.000	0.000
par-60	0.000	0.000	-0.000	-0.000	0.000	0.000	0.000
par-61	-0.000	-0.000	-0.000	-0.000	0.000	-0.000	-0.000
par-62	-0.000	-0.000	-0.000	-0.000	-0.000	-0.000	-0.000
par-63	-0.000	0.000	0.000	0.000	0.000	0.000	0.000
par-64	0.000	0.000	0.000	0.000	-0.000	0.000	0.000
par-65	-0.000	-0.000	-0.000	-0.000	0.000	-0.000	-0.000
par-66	-0.000	-0.000	0.000	-0.000	-0.000	-0.000	0.000
par-67	0.000	-0.000	-0.000	0.000	-0.000	-0.000	-0.000
par-68	-0.000	-0.000	-0.000	-0.000	-0.000	-0.000	0.000
par-69	0.000	0.000	0.000	0.000	0.000	0.000	0.000
par-70	-0.000	0.000	0.000	0.000	0.000	0.000	-0.000
par-71	-0.000	-0.000	-0.000	0.000	0.000	-0.000	-0.000
par-72	-0.000	-0.000	-0.000	0.000	0.000	-0.000	0.000
par-73	0.000	0.000	0.000	-0.000	0.000	0.000	0.000
par-74	0.000	-0.000	-0.000	-0.000	-0.000	0.000	0.000
par-75	-0.000	0.000	0.000	0.000	0.000	-0.000	-0.000
par-76	-0.000	0.000	0.000	0.000	0.000	-0.000	-0.000
par-77	-0.000	-0.000	-0.000	-0.000	-0.000	-0.000	-0.000
par-78	0.000	0.000	-0.000	0.000	-0.000	-0.000	-0.000
par-79	0.000	0.000	0.000	0.000	-0.000	0.000	0.000
par-80	0.000	0.000	0.000	-0.000	-0.000	0.000	0.000
par-81	0.000	0.000	0.000	0.000	-0.000	-0.000	-0.000
par-82	-0.000	-0.000	-0.000	-0.000	0.000	0.000	0.000
par-83	0.000	0.000	0.000	0.000	-0.000	-0.000	-0.000
par-84	0.000	0.000	0.000	-0.000	0.000	0.000	0.000
par-85	0.000	-0.000	0.000	-0.000	0.000	0.000	0.000
par-86	0.000	0.000	-0.000	0.000	-0.000	-0.000	-0.000
par-87	0.000	-0.000	-0.000	-0.000	-0.000	-0.000	-0.000
par-88	-0.000	0.000	0.000	0.000	0.000	-0.000	-0.000
par-89	-0.000	0.000	-0.000	0.000	0.000	0.000	0.000

	par-43	par-44	par-45	par-46	par-47	par-48	par-49
par-43	1.000						
par-44	0.340	1.000					
par-45	0.366	0.448	1.000				
par-46	0.332	0.406	0.437	1.000			
par-47	0.000	0.000	0.000	0.000	1.000		

par-48	0.000	0.000	0.000	0.000	0.329	1.000	
par-49	0.000	0.000	0.000	-0.000	0.249	0.452	1.000
par-50	0.266	0.326	0.350	0.318	-0.033	-0.060	-0.045
par-51	0.278	0.341	0.366	0.332	-0.034	-0.063	-0.047
par-52	0.065	0.079	0.085	0.077	-0.008	-0.015	-0.011
par-53	0.181	0.221	0.238	0.216	-0.022	-0.041	-0.031
par-54	0.009	0.011	0.012	0.011	0.000	-0.000	-0.000
par-55	-0.000	-0.000	0.000	-0.000	0.000	0.000	0.000
par-56	0.000	0.000	-0.000	0.000	-0.000	0.000	0.000
par-57	0.000	0.000	0.000	0.000	-0.000	-0.000	0.000
par-58	-0.000	-0.000	0.000	-0.000	-0.000	-0.000	-0.000
par-59	0.000	-0.000	0.000	0.000	-0.000	0.000	0.000
par-60	0.000	0.000	-0.002	0.000	0.000	0.000	0.000
par-61	-0.000	-0.000	-0.000	0.000	-0.000	-0.000	-0.000
par-62	-0.000	-0.000	-0.002	-0.000	-0.000	-0.000	-0.000
par-63	0.000	0.000	-0.000	0.000	0.000	-0.000	-0.000
par-64	-0.000	0.000	-0.001	0.000	0.000	-0.000	-0.000
par-65	-0.000	-0.000	0.001	-0.000	-0.000	-0.000	0.000
par-66	-0.000	0.000	-0.000	-0.000	-0.000	-0.000	0.000
par-67	-0.000	-0.000	0.000	-0.000	-0.000	-0.000	-0.000
par-68	-0.000	-0.000	-0.000	-0.000	0.000	0.000	0.000
par-69	0.000	0.000	-0.000	0.000	-0.000	-0.000	-0.000
par-70	0.000	0.000	0.000	0.000	-0.000	0.000	-0.000
par-71	-0.000	0.000	0.000	0.000	0.000	-0.000	0.000
par-72	-0.000	-0.000	-0.000	-0.000	0.000	-0.000	-0.000
par-73	0.000	0.000	0.000	-0.000	0.000	0.000	0.000
par-74	0.000	-0.000	0.000	-0.000	0.000	-0.000	0.000
par-75	-0.000	0.000	-0.000	0.000	-0.000	-0.000	-0.000
par-76	-0.000	0.000	-0.000	0.000	-0.000	-0.000	-0.000
par-77	0.000	-0.000	0.002	0.000	0.000	-0.000	-0.000
par-78	0.000	-0.000	0.003	0.000	-0.000	-0.000	0.000
par-79	0.000	0.000	0.002	0.000	-0.000	0.000	0.000
par-80	0.000	0.000	-0.003	-0.000	-0.000	-0.000	0.000
par-81	0.000	0.000	-0.000	0.000	-0.000	0.000	0.000
par-82	-0.000	-0.000	0.000	0.000	-0.000	-0.000	-0.000
par-83	-0.000	0.000	-0.000	-0.000	0.000	0.000	0.000
par-84	0.000	0.000	0.000	0.000	0.000	0.000	0.000
par-85	0.000	0.000	-0.000	0.000	0.000	-0.000	-0.000
par-86	-0.000	-0.000	-0.000	-0.000	-0.000	-0.000	-0.000
par-87	-0.000	-0.000	-0.000	-0.000	-0.000	-0.000	-0.000
par-88	0.000	0.000	0.000	0.000	-0.000	0.000	0.000
par-89	0.000	0.000	0.000	0.000	0.000	0.000	0.000

	par-50	par-51	par-52	par-53	par-54	par-55	par-56
par-50	1.000						
par-51	0.544	1.000					
par-52	0.127	0.132	1.000				
par-53	0.354	0.370	0.086	1.000			
par-54	0.012	0.012	0.003	0.008	1.000		
par-55	-0.000	-0.000	0.000	-0.000	0.000	1.000	
par-56	0.000	0.000	0.000	0.000	-0.000	-0.005	1.000
par-57	0.000	0.000	-0.000	0.000	0.000	-0.012	0.000
par-58	0.000	0.000	0.000	0.000	-0.000	0.000	-0.000
par-59	0.000	0.000	-0.000	0.000	0.000	0.199	0.007
par-60	0.000	0.000	0.000	0.000	-0.000	-0.018	0.004
par-61	0.000	-0.000	0.000	0.000	-0.000	-0.017	0.005
par-62	0.000	0.000	-0.000	-0.000	-0.000	-0.005	0.001
par-63	0.000	0.000	0.000	0.000	-0.000	-0.209	0.003
par-64	-0.000	0.000	-0.000	-0.000	0.000	-0.084	-0.003
par-65	-0.000	-0.000	0.000	0.000	-0.000	0.009	0.001
par-66	-0.000	0.000	0.000	0.000	0.000	-0.005	0.097

par-67	-0.000	-0.000	-0.000	-0.000	-0.000	-0.004	0.098
par-68	-0.000	-0.000	0.000	-0.000	0.000	0.016	-0.000
par-69	0.000	0.000	-0.000	0.000	0.000	-0.013	0.001
par-70	0.000	0.000	-0.000	0.000	-0.000	-0.002	-0.000
par-71	-0.000	-0.000	0.000	-0.000	-0.000	-0.017	0.004
par-72	-0.000	-0.000	0.000	-0.000	-0.000	0.006	-0.014
par-73	0.000	-0.000	0.000	0.000	0.000	0.033	-0.005
par-74	-0.000	-0.000	-0.000	-0.000	0.000	0.034	0.009
par-75	0.000	0.000	0.000	0.000	-0.000	-0.026	-0.008
par-76	0.000	0.000	0.000	0.000	-0.000	-0.016	-0.006
par-77	-0.000	-0.000	-0.000	-0.000	0.000	-0.012	0.004
par-78	0.000	0.000	-0.000	-0.000	0.000	-0.004	-0.002
par-79	0.000	0.000	0.000	0.000	-0.000	0.012	-0.005
par-80	-0.000	-0.000	0.000	0.000	-0.000	0.013	0.002
par-81	-0.000	-0.000	-0.000	-0.000	-0.000	-0.000	0.000
par-82	0.000	0.000	-0.000	-0.000	0.000	0.001	-0.001
par-83	-0.000	-0.000	0.000	0.000	0.000	-0.001	0.000
par-84	0.000	-0.000	0.000	0.000	-0.000	-0.001	0.003
par-85	0.000	-0.000	0.000	0.000	0.000	0.007	-0.003
par-86	-0.000	0.000	0.000	-0.000	-0.000	-0.001	0.000
par-87	-0.000	0.000	-0.000	-0.000	-0.000	-0.003	0.000
par-88	0.000	0.000	-0.000	0.000	-0.000	-0.002	-0.000
par-89	0.000	0.000	0.000	0.000	0.000	0.009	-0.311

	par-57	par-58	par-59	par-60	par-61	par-62	par-63
par-57	1.000						
par-58	0.000	1.000					
par-59	-0.007	-0.000	1.000				
par-60	0.006	0.002	-0.133	1.000			
par-61	0.016	0.001	-0.130	0.024	1.000		
par-62	0.000	0.002	-0.056	0.032	-0.008	1.000	
par-63	0.006	-0.000	-0.101	0.009	0.009	0.003	1.000
par-64	0.019	0.001	-0.110	0.034	-0.017	0.029	0.043
par-65	-0.024	-0.001	-0.096	-0.043	0.011	-0.033	-0.004
par-66	0.001	0.000	0.011	-0.008	-0.004	-0.010	0.003
par-67	0.000	-0.000	0.041	0.014	0.014	0.011	0.002
par-68	-0.680	-0.000	0.009	-0.008	-0.021	-0.000	-0.008
par-69	0.477	0.000	-0.010	0.007	0.018	0.002	0.007
par-70	0.091	-0.000	-0.001	0.001	0.002	-0.002	0.001
par-71	-0.003	-0.000	-0.190	0.019	-0.022	0.021	0.009
par-72	-0.021	-0.000	-0.081	-0.010	-0.037	0.019	-0.003
par-73	0.000	0.001	0.052	-0.020	-0.034	-0.015	-0.017
par-74	-0.002	0.000	0.053	-0.004	-0.264	0.074	-0.017
par-75	-0.001	-0.002	-0.043	0.018	-0.065	-0.081	0.013
par-76	0.004	-0.001	0.016	0.002	-0.044	-0.075	0.008
par-77	0.003	-0.001	-0.040	-0.174	0.027	-0.015	0.006
par-78	-0.003	-0.003	0.032	-0.060	-0.006	-0.087	0.002
par-79	-0.001	-0.002	0.045	-0.036	0.003	-0.047	-0.006
par-80	0.000	0.003	0.009	0.092	-0.010	0.033	-0.007
par-81	-0.000	-0.298	0.000	-0.001	-0.001	-0.001	0.000
par-82	0.001	0.296	0.002	0.004	-0.002	-0.004	-0.001
par-83	-0.000	-0.141	-0.002	-0.003	0.002	0.002	0.001
par-84	-0.000	-0.006	0.023	-0.009	-0.015	-0.430	0.001
par-85	-0.000	-0.008	-0.026	0.000	0.030	-0.192	-0.003
par-86	0.001	0.001	0.003	0.000	-0.002	0.011	0.000
par-87	-0.000	0.009	-0.000	0.006	-0.009	0.165	0.002
par-88	0.076	0.000	-0.000	0.001	0.003	-0.000	0.001
par-89	-0.001	0.000	-0.012	-0.006	-0.009	-0.001	-0.005

par-64	par-65	par-66	par-67	par-68	par-69	par-70
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par-64	1.000						
par-65	-0.325	1.000					
par-66	0.012	-0.014	1.000				
par-67	-0.017	0.016	-0.188	1.000			
par-68	-0.025	0.033	-0.001	-0.000	1.000		
par-69	0.022	-0.028	0.001	-0.000	-0.640	1.000	
par-70	0.003	-0.004	-0.001	0.000	-0.122	0.036	1.000
par-71	0.004	-0.011	0.001	0.006	0.004	-0.004	0.001
par-72	-0.008	0.010	-0.023	-0.001	0.029	-0.024	-0.004
par-73	-0.053	0.068	0.017	-0.025	-0.000	-0.000	0.001
par-74	0.082	-0.073	0.022	-0.007	0.003	0.001	-0.004
par-75	-0.072	0.066	-0.008	-0.006	0.001	-0.004	0.003
par-76	-0.065	0.062	-0.016	0.006	-0.005	0.001	0.004
par-77	0.014	-0.020	0.004	0.003	-0.004	0.003	0.001
par-78	-0.010	0.009	-0.005	0.002	0.004	-0.003	-0.000
par-79	-0.008	0.013	0.007	-0.016	0.002	-0.002	-0.000
par-80	-0.004	0.008	0.000	0.003	-0.000	0.001	-0.000
par-81	-0.001	0.001	-0.000	0.000	0.000	-0.000	0.000
par-82	0.000	0.000	0.000	-0.001	-0.001	0.001	-0.000
par-83	0.000	-0.001	-0.000	0.001	0.001	-0.001	0.000
par-84	0.004	-0.005	0.006	-0.001	0.000	-0.000	0.000
par-85	-0.033	0.037	-0.003	-0.003	0.000	-0.001	0.001
par-86	0.003	-0.004	-0.001	0.001	-0.001	0.001	0.000
par-87	0.017	-0.019	-0.001	0.002	0.000	0.000	-0.001
par-88	0.003	-0.003	-0.000	-0.000	-0.102	0.054	0.039
par-89	0.005	-0.002	-0.166	-0.168	0.001	-0.001	0.001

par-71 par-72 par-73 par-74 par-75 par-76 par-77

par-71	1.000						
par-72	0.048	1.000					
par-73	-0.004	-0.026	1.000				
par-74	-0.019	-0.023	-0.030	1.000			
par-75	0.015	0.018	0.037	-0.344	1.000		
par-76	-0.002	-0.000	0.022	-0.271	0.301	1.000	
par-77	0.012	-0.003	-0.011	-0.009	0.006	0.005	1.000
par-78	-0.009	0.001	-0.006	0.023	-0.027	-0.024	0.017
par-79	-0.013	-0.010	0.010	0.021	-0.031	-0.026	-0.067
par-80	-0.005	0.000	0.012	0.002	0.001	0.001	-0.110
par-81	0.000	0.000	-0.000	-0.000	0.002	0.001	0.001
par-82	-0.002	-0.001	0.002	0.002	-0.002	0.000	-0.004
par-83	0.002	0.001	-0.001	-0.002	0.001	-0.001	0.003
par-84	-0.009	-0.004	-0.007	-0.004	0.020	0.008	-0.000
par-85	0.009	0.000	0.023	-0.070	0.052	0.046	0.011
par-86	-0.001	-0.000	-0.002	0.006	-0.006	-0.004	-0.001
par-87	0.001	0.003	-0.010	0.046	-0.044	-0.033	-0.006
par-88	-0.001	-0.004	-0.000	-0.000	0.000	0.001	0.000
par-89	-0.007	0.024	0.008	-0.015	0.014	0.010	-0.007

par-78 par-79 par-80 par-81 par-82 par-83 par-84

par-78	1.000						
par-79	0.014	1.000					
par-80	-0.102	-0.039	1.000				
par-81	0.002	0.002	-0.003	1.000			
par-82	-0.012	-0.002	0.015	-0.231	1.000		
par-83	0.010	0.001	-0.013	0.110	-0.603	1.000	
par-84	0.024	-0.012	0.001	0.005	-0.012	0.008	1.000
par-85	-0.062	0.009	0.019	0.006	-0.012	0.007	-0.004
par-86	0.003	-0.000	-0.001	-0.001	0.002	-0.001	-0.003
par-87	0.024	0.002	-0.013	-0.007	0.014	-0.009	-0.124

par-88	-0.000	-0.000	0.000	-0.000	0.000	-0.000	0.000
par-89	0.004	0.009	-0.003	-0.000	0.001	-0.001	-0.006

	par-85	par-86	par-87	par-88	par-89
par-85	1.000				
par-86	-0.035	1.000			
par-87	-0.175	0.017	1.000		
par-88	0.000	0.000	-0.000	1.000	
par-89	0.006	-0.000	-0.000	0.000	1.000

Critical Ratios for Differences between Parameters

	par-1	par-2	par-3	par-4	par-5	par-6	par-7
par-1	0.000						
par-2	-0.384	0.000					
par-3	-1.088	-0.900	0.000				
par-4	-0.901	-0.701	1.060	0.000			
par-5	-1.974	-1.852	-3.914	-4.454	0.000		
par-6	-0.817	-0.637	0.387	0.029	2.128	0.000	
par-7	-0.185	0.026	1.214	0.951	2.462	0.790	0.000
par-8	-0.720	-0.519	0.617	0.243	2.429	0.158	-0.892
par-9	-2.247	-2.145	-4.488	-4.966	-1.154	-2.609	-2.828
par-10	-2.303	-2.206	-5.447	-5.899	-1.867	-2.779	-2.925
par-11	-0.876	-0.671	0.297	-0.066	2.062	-0.101	-0.852
par-12	-2.250	-2.138	-4.515	-5.009	-1.150	-2.577	-2.810
par-13	-2.864	-2.823	-7.262	-7.590	-3.830	-3.870	-3.605
par-14	-1.560	-1.420	-1.617	-2.131	1.214	-1.293	-1.860
par-15	-1.442	-1.268	-1.119	-1.591	1.353	-1.357	-1.662
par-16	-2.268	-2.186	-6.561	-7.031	-1.589	-2.496	-2.910
par-17	-1.292	-1.151	-0.784	-1.286	1.835	-0.829	-1.503
par-18	-1.645	-1.532	-2.016	-2.548	0.921	-1.500	-2.004
par-19	-2.201	-2.022	-0.807	-1.135	0.854	-0.811	-1.507
par-20	-2.667	-2.613	-9.029	-9.142	-4.217	-3.517	-3.466
par-21	-0.587	-0.373	1.160	0.697	3.378	0.454	-0.503
par-22	-1.045	-0.861	0.063	-0.497	2.907	-0.324	-1.135
par-23	-1.515	-1.355	-1.743	-2.361	2.503	-1.217	-1.809
par-24	-0.655	-0.454	0.706	0.354	2.412	0.348	-0.581
par-25	-0.950	-0.759	0.350	-0.198	3.089	-0.149	-1.001
par-26	-1.190	-1.015	-0.429	-1.114	3.281	-0.589	-1.356
par-27	-1.794	-1.657	-2.978	-3.558	0.784	-1.754	-2.209
par-28	3.198	3.726	23.099	20.271	30.062	8.258	4.850
par-29	2.915	3.421	21.891	19.103	28.905	7.700	4.451
par-30	2.831	3.330	21.983	19.080	29.277	7.551	4.335
par-31	2.680	3.167	20.979	18.196	28.106	7.239	4.120
par-32	2.686	3.174	20.753	18.041	27.731	7.243	4.128
par-33	2.653	3.138	20.238	17.633	27.010	7.162	4.078
par-34	2.337	2.795	17.070	14.992	22.885	6.458	3.618
par-35	2.071	2.508	16.120	14.042	22.060	5.946	3.246
par-36	1.621	2.022	13.592	11.748	19.227	5.031	2.606
par-37	2.988	3.500	22.623	19.709	29.857	7.860	4.557
par-38	2.857	3.357	21.011	18.403	27.693	7.560	4.365
par-39	2.360	2.821	18.536	16.097	25.113	6.566	3.662
par-40	2.798	3.294	21.475	18.680	28.567	7.472	4.286
par-41	3.161	3.687	23.459	20.495	30.704	8.206	4.802
par-42	3.004	3.518	22.874	19.907	30.204	7.900	4.581
par-43	2.932	3.439	22.252	19.382	29.424	7.745	4.477
par-44	2.807	3.304	21.759	18.893	28.988	7.499	4.301

par-45	2.906	3.412	22.354	19.427	29.650	7.702	4.442
par-46	2.708	3.196	20.365	17.781	27.067	7.265	4.154
par-47	2.691	3.178	20.133	17.595	26.750	7.226	4.130
par-48	2.494	2.966	19.251	16.754	25.882	6.837	3.852
par-49	2.494	2.966	19.182	16.704	25.774	6.833	3.851
par-50	2.972	3.483	22.597	19.673	29.857	7.831	4.535
par-51	2.814	3.312	21.711	18.867	28.892	7.511	4.311
par-52	2.163	2.609	17.608	15.221	24.180	6.175	3.384
par-53	3.155	3.681	23.838	20.762	31.308	8.210	4.796
par-54	1.132	1.495	11.270	9.570	16.829	4.062	1.917
par-55	-2.562	-2.490	-8.940	-9.067	-4.138	-3.540	-3.449
par-56	-2.408	-2.323	-6.322	-6.634	-2.527	-3.052	-3.097
par-57	-1.585	-1.442	-1.851	-2.414	1.156	-1.332	-1.893
par-58	-2.546	-2.472	-7.931	-8.177	-3.281	-3.322	-3.049
par-59	-2.699	-2.637	-9.434	-9.513	-4.571	-3.622	-3.522
par-60	-2.614	-2.549	-8.799	-8.917	-3.926	-3.485	-3.393
par-61	-2.616	-2.547	-8.730	-8.861	-3.888	-3.477	-3.392
par-62	-2.595	-2.528	-8.645	-8.781	-3.788	-3.447	-3.367
par-63	-2.004	-1.889	-4.671	-5.195	0.094	-2.174	-2.480
par-64	-2.230	-2.195	-6.314	-6.729	-1.552	-2.760	-2.880
par-65	-2.455	-2.322	-7.595	-7.827	-2.744	-3.088	-3.140
par-66	-2.478	-2.400	-7.396	-8.172	-3.038	-3.195	-3.199
par-67	-2.429	-2.344	-7.577	-7.237	-2.686	-3.102	-3.127
par-68	-2.214	-2.104	-4.809	-5.290	-1.494	-2.590	-2.794
par-69	-2.110	-2.007	-4.925	-5.421	-0.576	-2.412	-2.660
par-70	-1.477	-1.320	-1.772	-2.457	2.235	-1.151	-1.765
par-71	-2.255	-2.159	-6.512	-6.867	-1.590	-2.783	-2.879
par-72	-1.957	-1.835	-4.573	-5.089	0.193	-2.154	-2.453
par-73	-2.012	-1.888	-4.900	-5.443	-0.123	-2.194	-2.534
par-74	-2.346	-2.267	-6.990	-7.337	-2.202	-2.947	-3.023
par-75	-2.327	-2.227	-6.797	-7.135	-1.957	-2.860	-2.971
par-76	-2.343	-2.246	-7.042	-7.335	-2.111	-2.903	-2.999
par-77	-2.308	-2.217	-6.851	-7.179	-1.929	-2.855	-2.956
par-78	-2.432	-2.349	-7.681	-7.921	-2.744	-3.103	-3.134
par-79	-2.471	-2.391	-7.934	-8.169	-3.009	-3.182	-3.191
par-80	-2.204	-2.102	-6.088	-6.488	-1.263	-2.630	-2.806
par-81	-1.970	-1.851	-4.579	-5.108	0.116	-2.152	-2.580
par-82	-2.363	-2.274	-5.955	-6.381	-1.897	-2.907	-2.703
par-83	-2.143	-2.038	-5.386	-5.850	-0.850	-2.496	-2.871
par-84	-2.467	-2.387	-7.859	-8.092	-2.962	-3.175	-3.185
par-85	-2.491	-2.410	-8.002	-8.217	-3.104	-3.219	-3.218
par-86	-1.976	-1.857	-4.718	-5.238	0.095	-2.168	-2.481
par-87	-2.381	-2.296	-7.378	-7.650	-2.427	-3.006	-3.060
par-88	-1.393	-1.229	-1.377	-2.084	2.723	-0.985	-1.646
par-89	-2.505	-2.429	-8.733	-8.885	-3.237	-3.254	-3.239

	par-8	par-9	par-10	par-11	par-12	par-13	par-14
par-8	0.000						
par-9	-2.921	0.000					
par-10	-3.107	-0.144	0.000				
par-11	-0.232	2.570	2.727	0.000			
par-12	-2.921	0.010	0.156	-2.568	0.000		
par-13	-3.953	-2.320	-2.481	-3.773	-2.093	0.000	
par-14	-1.517	1.924	2.295	-1.151	1.654	3.708	0.000
par-15	-1.256	2.033	2.291	-1.331	1.939	3.762	0.228
par-16	-3.109	-0.017	0.177	-2.438	-0.030	2.874	-2.318
par-17	-1.040	2.481	2.827	-0.619	2.420	4.443	0.657
par-18	-1.737	1.721	2.051	-1.208	1.634	3.877	-0.312
par-19	-1.066	1.358	1.473	-0.738	1.357	2.520	0.141
par-20	-3.966	-1.808	-2.208	-3.462	-1.837	1.322	-3.852

par-21	0.282	3.900	4.213	0.535	3.925	5.466	2.870
par-22	-0.529	3.552	3.991	-0.238	3.720	5.563	1.748
par-23	-1.474	2.725	4.138	-1.142	2.730	5.252	0.240
par-24	0.099	2.893	3.051	0.452	2.895	4.107	1.574
par-25	-0.346	3.701	4.131	-0.061	3.858	5.670	2.069
par-26	-0.823	4.095	4.725	-0.497	3.585	7.194	1.141
par-27	-2.046	1.951	2.261	-1.705	1.768	4.539	-0.579
par-28	8.388	25.150	32.864	8.489	25.458	30.741	17.127
par-29	7.807	24.101	31.741	7.923	24.403	29.689	16.218
par-30	7.653	24.146	32.245	7.773	24.461	29.920	16.084
par-31	7.327	23.307	31.001	7.456	23.606	28.939	15.490
par-32	7.330	23.129	30.556	7.459	23.420	28.656	15.433
par-33	7.245	22.705	29.741	7.376	22.983	28.078	15.209
par-34	6.506	19.991	25.191	6.657	20.205	24.605	13.575
par-35	5.974	19.174	24.428	6.138	19.386	23.850	12.798
par-36	5.020	16.967	21.470	5.208	17.148	21.354	11.143
par-37	7.975	24.703	32.791	8.086	25.019	30.459	16.581
par-38	7.659	23.379	30.376	7.779	23.659	28.714	15.831
par-39	6.623	21.256	27.763	6.771	21.513	26.444	14.125
par-40	7.569	23.736	31.441	7.692	24.038	29.361	15.867
par-41	8.336	25.419	33.638	8.438	25.742	31.210	17.169
par-42	8.017	24.904	33.183	8.127	25.226	30.731	16.689
par-43	7.855	24.392	32.332	7.969	24.703	30.096	16.362
par-44	7.598	23.962	31.927	7.720	24.272	29.687	15.970
par-45	7.011	24.466	32.617	7.927	24.765	30.247	16.354
par-46	7.352	22.819	29.764	7.480	23.096	28.149	15.350
par-47	7.311	22.626	29.408	7.440	22.897	27.891	15.244
par-48	6.905	21.867	28.552	7.045	22.132	27.114	14.601
par-49	6.902	21.810	28.427	7.042	22.073	27.028	14.578
par-50	7.945	24.676	32.804	8.057	24.994	30.449	16.543
par-51	7.610	23.927	31.808	7.731	24.234	29.619	15.970
par-52	6.215	20.462	26.835	6.373	20.712	25.618	13.467
par-53	8.340	25.708	34.347	8.442	26.044	31.659	17.270
par-54	4.010	14.963	19.049	4.224	15.124	19.229	9.506
par-55	-3.939	-1.749	-2.126	-3.500	-1.789	1.371	-3.783
par-56	-3.409	-0.560	-0.518	-2.995	-0.582	2.639	-2.866
par-57	-1.588	2.210	2.267	-1.255	2.220	4.472	-0.007
par-58	-3.361	-1.203	-1.361	-3.274	-1.238	1.969	-3.331
par-59	-4.054	-2.014	-2.516	-3.587	-2.062	1.139	-3.993
par-60	-3.858	-1.564	-1.884	-3.433	-1.617	1.612	-3.462
par-61	-3.854	-1.559	-1.965	-3.429	-1.554	1.601	-3.675
par-62	-3.816	-1.430	-1.754	-3.384	-1.513	1.714	-3.586
par-63	-2.483	1.415	2.044	-2.105	1.419	4.661	-1.279
par-64	-3.082	0.139	0.401	-2.662	0.126	3.345	-2.314
par-65	-3.476	-0.706	-0.714	-3.072	-0.734	2.480	-2.962
par-66	-3.567	-0.903	-0.984	-3.145	-0.931	2.323	-3.147
par-67	-3.456	-0.658	-0.651	-3.043	-0.680	2.569	-2.950
par-68	-2.904	0.179	0.487	-2.537	0.169	2.694	-1.965
par-69	-2.737	0.711	0.960	-2.345	0.707	3.618	-1.705
par-70	-1.418	3.252	3.904	-1.072	3.277	6.203	0.426
par-71	-3.085	0.172	0.459	-2.731	0.159	3.471	-2.312
par-72	-2.442	1.482	2.131	-2.090	1.474	4.703	-1.209
par-73	-2.565	1.251	1.837	-2.190	1.261	4.467	-1.408
par-74	-3.299	-0.315	-0.194	-2.784	-0.327	2.916	-2.743
par-75	-3.219	-0.146	0.032	-2.926	-0.170	3.015	-2.450
par-76	-3.265	-0.229	-0.074	-2.922	-0.257	2.997	-2.549
par-77	-3.200	-0.082	0.122	-2.794	-0.098	3.195	-2.566
par-78	-3.467	-0.677	-0.680	-3.047	-0.685	2.572	-3.033
par-79	-3.555	-0.874	-0.946	-3.130	-0.882	2.353	-3.160
par-80	-2.978	0.386	0.730	-2.576	0.380	3.630	-2.065
par-81	-2.555	1.419	2.029	-2.086	1.417	4.537	-1.257

par-82	-3.385	-0.375	-0.278	-2.853	-0.396	2.280	-2.514
par-83	-2.671	0.621	0.992	-2.435	0.611	3.755	-1.862
par-84	-3.543	-0.863	-0.909	-3.125	-0.862	2.437	-3.071
par-85	-3.592	-0.982	-1.059	-3.185	-1.020	2.205	-3.194
par-86	-2.487	1.394	2.068	-2.100	1.424	4.682	-1.285
par-87	-3.362	-0.433	-0.357	-2.943	-0.454	2.837	-2.802
par-88	-1.245	3.574	4.252	-0.902	3.599	6.530	0.700
par-89	-3.628	-1.039	-1.172	-3.209	-1.069	2.188	-3.252

	par-15	par-16	par-17	par-18	par-19	par-20	par-21
par-15	0.000						
par-16	-1.990	0.000					
par-17	0.307	2.850	0.000				
par-18	-0.516	2.069	-1.517	0.000			
par-19	-0.038	1.488	-0.269	0.321	0.000		
par-20	-3.442	-3.455	-4.289	-3.712	-2.209	0.000	
par-21	1.498	4.261	1.553	2.415	1.444	5.407	0.000
par-22	0.847	4.113	0.712	1.696	0.783	5.736	-1.537
par-23	-0.077	3.514	-0.463	0.583	-0.005	5.903	-2.182
par-24	1.722	2.773	1.110	1.775	0.998	3.840	-0.164
par-25	1.000	4.234	0.925	1.899	0.942	5.775	-1.285
par-26	0.809	5.080	0.475	1.662	0.601	7.767	-1.400
par-27	-0.831	2.387	-1.242	-0.297	-0.515	4.876	-2.890
par-28	14.116	41.053	14.673	18.493	9.114	66.654	9.978
par-29	13.323	40.068	13.831	17.548	8.582	68.000	9.267
par-30	13.163	41.566	13.673	17.434	8.441	77.549	9.093
par-31	12.678	39.695	13.149	16.797	8.143	71.915	8.682
par-32	12.653	38.724	13.116	16.724	8.145	67.051	8.677
par-33	12.493	37.219	12.938	16.469	8.067	61.396	8.561
par-34	11.251	29.933	11.574	14.664	7.387	42.566	7.593
par-35	10.552	29.389	10.838	13.867	6.899	43.382	6.949
par-36	9.170	25.563	9.358	12.109	6.022	37.148	5.762
par-37	13.600	41.900	14.136	17.949	8.736	74.763	9.487
par-38	13.045	37.608	13.521	17.110	8.446	59.532	9.064
par-39	11.591	34.565	11.969	15.317	7.497	56.298	7.784
par-40	13.008	40.020	13.499	17.188	8.364	70.441	8.979
par-41	14.103	42.804	14.672	18.565	9.066	74.768	9.932
par-42	13.677	42.653	14.222	18.070	8.774	78.213	9.544
par-43	13.421	41.214	13.942	17.713	8.626	72.825	9.335
par-44	13.075	41.008	13.576	17.309	8.391	75.208	9.022
par-45	13.382	41.955	13.908	17.705	8.585	77.395	9.292
par-46	12.626	37.030	13.076	16.610	8.165	59.758	8.688
par-47	12.550	36.405	12.991	16.491	8.127	57.776	8.632
par-48	11.992	35.549	12.399	15.820	7.755	57.749	8.135
par-49	11.979	35.305	12.383	15.792	7.752	56.859	8.128
par-50	13.563	42.008	14.097	17.912	8.708	75.732	9.451
par-51	13.082	40.713	13.582	17.305	8.402	73.440	9.034
par-52	11.024	33.577	11.365	14.629	7.123	55.923	7.282
par-53	14.154	44.356	14.736	18.692	9.070	83.021	9.951
par-54	7.765	22.787	7.861	10.394	5.096	34.027	4.519
par-55	-3.496	-3.147	-4.212	-3.625	-2.031	0.205	-5.360
par-56	-2.723	-0.869	-3.371	-2.637	-1.683	3.867	-4.702
par-57	-0.277	2.707	-0.653	0.301	-0.150	4.600	-2.283
par-58	-3.127	-1.991	-3.790	-3.133	-1.950	1.466	-5.038
par-59	-3.633	-3.904	-4.397	-3.840	-2.251	-0.915	-5.519
par-60	-3.474	-2.848	-4.068	-3.467	-2.090	1.096	-5.005
par-61	-3.340	-2.862	-3.929	-3.338	-2.093	1.019	-5.282
par-62	-3.321	-2.616	-4.052	-3.437	-2.051	1.359	-5.206
par-63	-1.396	2.304	-1.922	-0.955	-0.877	7.694	-3.532
par-64	-2.233	0.270	-2.910	-2.083	-1.410	5.246	-4.290

par-65	-2.843	-1.184	-3.424	-2.711	-1.753	3.401	-4.773
par-66	-2.955	-1.599	-3.627	-2.940	-1.820	3.494	-4.909
par-67	-2.790	-1.127	-3.443	-2.719	-1.725	3.951	-4.765
par-68	-2.019	0.257	-2.516	-1.713	-1.302	2.450	-3.935
par-69	-1.757	1.066	-2.300	-1.418	-1.110	4.391	-3.802
par-70	0.063	4.580	-0.342	0.806	0.090	8.207	-2.161
par-71	-2.300	0.315	-2.857	-2.041	-1.382	6.174	-4.305
par-72	-1.363	2.341	-1.855	-0.886	-0.814	7.021	-3.469
par-73	-1.524	2.088	-2.036	-1.094	-0.916	7.518	-3.618
par-74	-2.563	-0.516	-3.565	-2.746	-1.580	4.604	-4.554
par-75	-2.446	-0.220	-2.779	-2.091	-1.515	4.546	-4.460
par-76	-2.513	-0.369	-2.984	-2.193	-1.552	5.048	-4.525
par-77	-2.375	-0.112	-3.042	-2.251	-1.492	5.810	-4.587
par-78	-2.818	-1.191	-3.479	-2.761	-1.733	4.312	-4.817
par-79	-2.973	-1.562	-3.615	-2.922	-1.809	3.734	-4.879
par-80	-2.128	0.685	-2.691	-1.841	-1.291	5.974	-3.966
par-81	-1.379	2.281	-1.906	-0.936	-0.840	7.144	-3.503
par-82	-2.481	-0.513	-3.052	-2.294	-1.590	2.051	-4.396
par-83	-1.887	0.990	-2.443	-1.569	-1.172	4.945	-3.944
par-84	-2.919	-1.500	-3.574	-2.881	-1.801	3.654	-4.876
par-85	-2.988	-1.702	-3.622	-2.942	-1.844	3.161	-4.937
par-86	-1.402	2.360	-1.940	-0.965	-0.851	7.908	-3.533
par-87	-2.661	-0.756	-3.325	-2.574	-1.637	5.191	-4.653
par-88	0.300	5.006	-0.089	1.093	0.247	8.642	-1.947
par-89	-3.046	-1.926	-3.710	-3.040	-1.879	3.229	-4.986

	par-22	par-23	par-24	par-25	par-26	par-27	par-28
par-22	0.000						
par-23	-1.380	0.000					
par-24	0.628	1.511	0.000				
par-25	0.425	1.613	-0.451	0.000			
par-26	-0.382	1.262	-0.903	-0.657	0.000		
par-27	-2.292	-1.098	-2.059	-2.491	-2.934	0.000	
par-28	15.038	23.472	7.746	14.008	22.047	26.790	0.000
par-29	14.126	22.339	7.198	13.129	20.888	25.640	-2.877
par-30	13.969	22.391	7.049	12.963	20.912	25.827	-4.093
par-31	13.389	21.479	6.745	12.416	19.999	24.799	-5.126
par-32	13.346	21.286	6.749	12.382	19.819	24.528	-4.854
par-33	13.140	20.828	6.672	12.197	19.375	23.955	-4.910
par-34	11.608	17.942	5.989	10.785	16.556	20.510	-6.248
par-35	10.816	17.051	5.485	10.015	15.630	19.645	-8.669
par-36	9.197	14.698	4.590	8.477	13.277	17.068	-11.675
par-37	14.470	22.993	7.353	13.447	21.532	26.424	-2.158
par-38	13.770	21.558	7.063	12.807	20.129	24.669	-3.056
par-39	12.076	19.264	6.088	11.187	17.803	22.238	-7.706
par-40	13.769	21.944	6.973	12.782	20.477	25.266	-4.052
par-41	15.055	23.768	7.693	14.007	22.320	27.236	-0.395
par-42	14.569	23.212	7.391	13.536	21.746	26.700	-2.035
par-43	14.256	22.656	7.241	13.245	21.194	26.045	-2.675
par-44	13.860	22.190	6.999	12.862	20.714	25.588	-4.079
par-45	14.225	22.732	7.198	13.206	21.262	26.187	-3.076
par-46	13.287	20.954	6.773	12.342	19.510	24.051	-4.478
par-47	13.190	20.746	6.735	12.255	19.309	23.795	-4.365
par-48	12.547	19.925	6.354	11.635	18.470	22.949	-6.214
par-49	12.527	19.864	6.350	11.619	18.413	22.867	-6.154
par-50	14.430	22.965	7.324	13.407	21.500	26.408	-2.340
par-51	13.864	22.152	7.011	12.869	20.680	25.525	-3.956
par-52	11.419	18.403	5.704	10.556	16.926	21.341	-9.430
par-53	15.138	24.088	7.694	14.074	22.625	27.677	-0.493
par-54	7.569	12.538	3.639	6.916	11.086	14.794	-15.692

par-55	-5.666	-5.864	-3.822	-5.711	-7.651	-4.792	-65.356
par-56	-4.753	-4.481	-3.341	-4.852	-6.254	-3.319	-58.193
par-57	-1.528	-0.214	-1.640	-1.745	-1.421	0.695	-20.340
par-58	-5.195	-5.087	-3.601	-5.272	-6.818	-3.982	-54.558
par-59	-5.890	-6.234	-3.904	-5.926	-8.105	-5.198	-73.212
par-60	-5.192	-5.682	-3.761	-5.252	-7.513	-4.603	-68.114
par-61	-5.557	-5.635	-3.754	-5.610	-7.438	-4.582	-66.170
par-62	-5.497	-5.564	-3.717	-5.540	-6.862	-4.081	-66.199
par-63	-3.144	-2.159	-2.472	-3.323	-3.828	-0.866	-45.475
par-64	-4.182	-3.590	-3.034	-4.307	-5.363	-2.398	-51.233
par-65	-4.850	-4.698	-3.389	-4.941	-6.404	-3.525	-59.956
par-66	-5.049	-4.937	-3.487	-5.127	-6.755	-3.800	-64.437
par-67	-4.844	-4.631	-3.381	-4.943	-6.420	-3.469	-61.065
par-68	-3.612	-5.821	-2.851	-3.768	-4.162	-1.793	-29.493
par-69	-3.485	-2.066	-2.718	-3.644	-4.158	-1.471	-37.080
par-70	-1.327	0.210	-1.468	-1.575	-1.213	1.493	-29.396
par-71	-4.216	-3.703	-3.066	-4.340	-5.448	-2.462	-57.403
par-72	-3.061	-2.079	-2.386	-3.245	-3.696	-0.763	-43.902
par-73	-3.275	-2.363	-2.551	-3.438	-4.009	-1.076	-46.523
par-74	-4.536	-4.197	-3.231	-4.647	-6.012	-2.972	-56.468
par-75	-4.430	-3.987	-3.156	-4.544	-5.694	-2.837	-54.678
par-76	-4.524	-4.142	-3.197	-4.632	-5.889	-2.975	-58.977
par-77	-4.555	-3.990	-3.143	-4.697	-5.761	-2.784	-59.159
par-78	-4.751	-4.695	-3.386	-4.971	-6.562	-3.518	-63.861
par-79	-4.987	-4.919	-3.469	-4.947	-6.716	-3.767	-65.109
par-80	-3.956	-3.381	-2.926	-4.061	-5.086	-2.154	-52.195
par-81	-3.103	-2.115	-2.453	-3.281	-3.749	-0.834	-43.494
par-82	-4.274	-3.682	-3.190	-4.392	-5.163	-2.599	-36.060
par-83	-3.675	-2.914	-2.789	-3.832	-4.528	-1.718	-42.753
par-84	-4.993	-4.874	-3.457	-5.089	-7.184	-4.034	-63.960
par-85	-5.115	-4.992	-3.507	-5.167	-6.338	-4.011	-63.936
par-86	-3.150	-2.181	-2.469	-3.327	-3.877	-0.868	-46.545
par-87	-4.683	-4.426	-3.290	-4.790	-6.257	-3.067	-62.915
par-88	-1.049	0.557	-1.304	-1.308	-0.843	1.863	-28.499
par-89	-5.154	-5.113	-3.532	-5.228	-6.928	-3.980	-66.619

	par-29	par-30	par-31	par-32	par-33	par-34	par-35
par-29	0.000						
par-30	-1.143	0.000					
par-31	-2.452	-1.718	0.000				
par-32	-2.270	-1.544	0.132	0.000			
par-33	-2.450	-1.773	-0.372	-0.489	0.000		
par-34	-4.282	-3.818	-2.588	-2.584	-2.271	0.000	
par-35	-6.674	-6.336	-4.981	-4.906	-4.488	-2.882	0.000
par-36	-9.839	-9.671	-8.328	-8.176	-7.677	-5.760	-3.647
par-37	0.791	1.960	3.705	3.446	3.591	5.051	7.609
par-38	-0.542	0.335	1.888	1.750	1.981	3.753	6.005
par-39	-5.548	-5.086	-3.370	-3.337	-2.877	0.117	2.222
par-40	-1.322	-0.392	1.428	1.275	1.549	3.536	5.982
par-41	2.702	4.065	5.733	5.397	5.441	6.369	8.975
par-42	0.982	2.200	3.967	3.682	3.805	5.237	7.850
par-43	0.171	1.236	2.952	2.732	2.912	4.574	7.080
par-44	-1.259	-0.303	1.561	1.393	1.658	3.662	6.175
par-45	-0.128	0.983	2.831	2.599	2.793	4.478	7.056
par-46	-2.042	-1.280	0.334	0.242	0.539	2.687	4.918
par-47	-1.985	-1.298	0.149	0.072	0.344	2.489	4.645
par-48	-3.855	-3.303	-1.766	-1.773	-1.409	1.092	3.212
par-49	-3.814	-3.263	-1.745	-1.754	-1.396	1.085	3.189
par-50	0.623	1.789	3.562	3.305	3.457	4.953	7.524
par-51	-1.160	-0.199	1.642	1.474	1.735	3.700	6.192

par-52	-7.210	-6.931	-5.230	-5.104	-4.565	-1.347	0.680
par-53	2.681	4.116	5.817	5.427	5.432	6.479	9.203
par-54	-13.939	-14.015	-12.557	-12.281	-11.623	-8.841	-7.079
par-55	-66.496	-75.323	-70.013	-65.488	-60.155	-42.046	-42.778
par-56	-58.504	-64.637	-60.509	-57.262	-53.210	-38.305	-38.611
par-57	-19.312	-19.243	-18.506	-18.396	-18.074	-15.892	-15.047
par-58	-54.383	-58.743	-55.463	-53.070	-49.912	-37.302	-37.386
par-59	-75.811	-90.034	-82.281	-75.267	-67.685	-44.941	-46.186
par-60	-69.789	-80.598	-74.380	-68.933	-62.745	-42.837	-43.751
par-61	-67.492	-77.011	-71.379	-66.531	-60.897	-42.161	-42.949
par-62	-67.547	-77.178	-71.491	-66.591	-60.910	-42.090	-42.881
par-63	-44.748	-47.490	-44.918	-43.318	-41.058	-31.307	-30.949
par-64	-50.871	-54.762	-51.663	-49.498	-46.598	-34.844	-34.763
par-65	-60.480	-67.329	-62.878	-59.289	-54.890	-39.114	-39.524
par-66	-65.614	-74.751	-69.262	-64.597	-59.149	-40.941	-41.628
par-67	-61.756	-69.201	-64.474	-60.603	-55.925	-39.494	-39.973
par-68	-28.372	-28.647	-27.578	-27.261	-26.627	-22.892	-22.081
par-69	-35.987	-37.024	-35.406	-34.673	-33.469	-27.334	-26.658
par-70	-28.174	-28.640	-27.343	-26.908	-26.095	-21.586	-20.708
par-71	-57.724	-64.015	-59.786	-56.465	-52.348	-37.381	-37.649
par-72	-43.079	-45.464	-43.074	-41.651	-39.599	-30.507	-30.078
par-73	-45.860	-48.817	-46.142	-44.435	-42.052	-31.914	-31.604
par-74	-56.600	-62.152	-58.285	-55.316	-51.554	-37.415	-37.621
par-75	-54.628	-59.572	-55.983	-53.306	-49.853	-36.542	-36.647
par-76	-59.445	-66.186	-61.765	-58.229	-53.891	-38.329	-38.687
par-77	-59.678	-66.623	-62.102	-58.470	-54.037	-38.272	-38.642
par-78	-64.992	-74.009	-68.565	-63.956	-58.568	-40.529	-41.182
par-79	-66.411	-76.004	-70.306	-65.427	-59.782	-41.150	-41.880
par-80	-51.945	-56.269	-52.955	-50.579	-47.451	-35.079	-35.053
par-81	-42.647	-44.921	-42.590	-41.223	-39.235	-30.349	-29.902
par-82	-34.963	-35.752	-34.317	-33.718	-32.695	-27.259	-26.564
par-83	-41.846	-43.770	-41.647	-40.458	-38.683	-30.468	-29.989
par-84	-65.069	-73.970	-68.587	-64.031	-58.689	-40.721	-41.379
par-85	-65.016	-73.789	-68.469	-63.973	-58.685	-40.815	-41.470
par-86	-45.893	-48.918	-46.203	-44.463	-42.043	-31.803	-31.494
par-87	-63.942	-72.630	-67.325	-62.871	-57.635	-39.973	-40.570
par-88	-27.268	-27.681	-26.416	-26.009	-25.235	-20.895	-19.997
par-89	-68.152	-78.565	-72.501	-67.242	-61.240	-41.826	-42.651

	par-36	par-37	par-38	par-39	par-40	par-41	par-42
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par-36	0.000						
par-37	10.802	0.000					
par-38	9.036	-1.285	0.000				
par-39	5.477	-6.512	-4.648	0.000			
par-40	9.228	-2.222	-0.646	4.549	0.000		
par-41	12.064	2.015	3.036	8.269	4.720	0.000	
par-42	11.075	0.189	1.461	6.758	2.662	-2.011	0.000
par-43	10.286	-0.632	0.706	5.795	1.529	-2.584	-0.829
par-44	9.481	-2.187	-0.572	4.706	0.095	-4.224	-2.427
par-45	10.325	-1.002	0.463	5.831	1.310	-3.083	-1.220
par-46	8.039	-2.858	-1.390	3.284	-0.901	-4.622	-3.059
par-47	7.740	-2.738	-1.388	2.841	-0.950	-4.300	-2.946
par-48	6.411	-4.717	-3.108	1.177	-2.852	-6.288	-4.977
par-49	6.367	-4.663	-3.080	1.165	-2.820	-6.218	-4.918
par-50	10.736	-0.188	1.135	6.410	2.135	-2.296	-0.392

par-51	9.470	-2.070	-0.488	4.759	0.195	-4.230	-2.361
par-52	4.031	-8.265	-6.187	-1.800	-6.334	-9.927	-8.646
par-53	12.395	1.992	2.996	8.339	4.325	-0.095	1.878
par-54	-3.420	-15.049	-12.866	-9.311	-13.390	-16.285	-15.403
par-55	-36.665	-72.855	-58.468	-55.210	-68.717	-72.964	-76.062

par-56	-33.062	-63.316	-52.269	-48.892	-59.872	-63.811	-65.632
par-57	-13.061	-19.799	-18.759	-16.767	-18.931	-20.480	-19.952
par-58	-32.302	-58.106	-49.430	-46.126	-55.215	-58.790	-59.820
par-59	-39.342	-85.087	-64.790	-61.731	-79.638	-84.388	-90.129
par-60	-37.342	-77.248	-60.608	-57.391	-72.601	-77.077	-81.131
par-61	-36.730	-74.240	-59.057	-55.802	-69.917	-74.256	-77.685
par-62	-36.648	-74.358	-59.049	-55.791	-70.003	-74.360	-77.842
par-63	-26.455	-47.467	-41.131	-37.780	-45.044	-48.350	-48.661
par-64	-29.840	-54.317	-46.300	-42.933	-51.536	-55.077	-55.888
par-65	-33.814	-65.713	-53.755	-50.389	-62.072	-66.114	-68.269
par-66	-35.494	-72.154	-57.442	-54.126	-67.906	-72.240	-75.479
par-67	-34.145	-67.336	-54.642	-51.278	-63.529	-67.660	-70.093
par-68	-19.424	-29.218	-27.302	-24.864	-28.027	-30.025	-29.521
par-69	-23.153	-37.485	-33.999	-31.064	-35.806	-38.396	-38.079
par-70	-17.678	-29.246	-26.809	-24.030	-27.829	-30.155	-29.644
par-71	-32.081	-62.639	-51.403	-47.972	-59.126	-63.132	-65.019
par-72	-25.743	-45.559	-39.776	-36.468	-43.268	-46.465	-46.630
par-73	-27.022	-48.719	-42.059	-38.694	-46.223	-49.583	-49.984
par-74	-32.216	-61.067	-50.779	-47.389	-57.785	-61.638	-63.191
par-75	-31.404	-58.727	-49.250	-45.860	-55.622	-59.372	-60.649
par-76	-33.012	-64.620	-52.810	-49.408	-60.993	-65.046	-67.146
par-77	-32.929	-64.974	-52.912	-49.501	-61.285	-65.378	-67.571
par-78	-35.076	-71.466	-56.902	-53.566	-67.242	-71.575	-74.755
par-79	-35.676	-73.205	-57.969	-54.662	-68.839	-73.227	-76.687
par-80	-29.994	-55.668	-47.042	-43.637	-52.739	-56.391	-57.387
par-81	-25.619	-45.050	-39.441	-36.155	-42.804	-45.960	-46.083
par-82	-23.307	-36.248	-33.263	-30.496	-34.731	-37.124	-36.746
par-83	-25.896	-43.993	-38.966	-35.790	-41.912	-44.901	-44.898
par-84	-35.285	-71.477	-57.041	-53.716	-67.289	-71.598	-74.724
par-85	-35.393	-71.351	-57.060	-53.741	-67.200	-71.487	-74.553
par-86	-26.886	-48.800	-42.037	-38.653	-46.274	-49.664	-50.090
par-87	-34.527	-70.233	-56.062	-52.701	-66.086	-70.394	-73.415
par-88	-17.020	-28.298	-25.965	-23.207	-26.908	-29.204	-28.677
par-89	-36.320	-75.398	-59.230	-55.958	-70.831	-75.298	-79.155

	par-43	par-44	par-45	par-46	par-47	par-48	par-49
par-43	0.000						
par-44	-1.709	0.000					
par-45	-0.373	1.541	0.000				
par-46	-2.559	-1.188	-2.506	0.000			
par-47	-2.202	-1.056	-2.016	-0.135	0.000		
par-48	-4.148	-3.027	-4.027	-1.860	-2.063	0.000	
par-49	-4.101	-2.991	-3.978	-1.843	-1.933	-0.000	0.000
par-50	0.499	2.270	0.932	3.030	2.570	4.474	4.452
par-51	-1.507	0.109	-1.300	1.204	1.099	2.975	2.962
par-52	-7.751	-6.720	-7.832	-5.052	-4.601	-2.945	-2.921
par-53	2.746	4.611	3.352	4.941	4.405	6.440	6.390
par-54	-14.496	-13.761	-14.642	-11.911	-11.561	-10.269	-10.196
par-55	-71.018	-73.147	-75.236	-58.627	-56.739	-56.639	-55.795
par-56	-61.858	-63.054	-64.782	-52.139	-50.646	-50.230	-49.579
par-57	-19.526	-19.092	-19.542	-18.214	-18.065	-17.331	-17.292
par-58	-56.929	-57.560	-59.010	-49.143	-47.932	-47.358	-46.841
par-59	-82.515	-86.588	-89.390	-65.407	-62.898	-63.300	-62.148
par-60	-75.132	-77.959	-80.257	-60.933	-58.805	-58.884	-57.922
par-61	-72.303	-74.673	-76.849	-59.271	-57.298	-57.256	-56.371
par-62	-72.404	-74.812	-76.945	-59.270	-57.285	-57.250	-56.359
par-63	-46.534	-46.643	-47.866	-40.629	-39.734	-38.928	-38.562
par-64	-53.203	-53.670	-55.053	-45.935	-44.816	-44.154	-43.682
par-65	-64.150	-65.587	-67.441	-53.698	-52.097	-51.758	-51.055
par-66	-70.263	-72.490	-74.629	-57.598	-55.687	-55.578	-54.723
par-67	-65.685	-67.324	-69.246	-54.639	-52.954	-52.673	-51.929

par-68	-28.823	-28.390	-29.002	-26.699	-26.417	-25.585	-25.491
par-69	-36.889	-36.570	-37.424	-33.383	-32.873	-31.985	-31.793
par-70	-28.767	-28.315	-29.042	-26.143	-25.789	-24.862	-24.741
par-71	-61.149	-62.388	-64.164	-51.266	-49.758	-49.330	-48.673
par-72	-44.689	-44.696	-45.849	-39.241	-38.419	-37.583	-37.251
par-73	-47.750	-47.923	-49.186	-41.580	-40.642	-39.859	-39.473
par-74	-59.695	-60.696	-62.350	-50.587	-49.186	-48.703	-48.096
par-75	-57.447	-58.250	-59.808	-48.994	-47.693	-47.143	-46.584
par-76	-63.068	-64.462	-66.285	-52.727	-51.149	-50.780	-50.088
par-77	-63.390	-64.851	-66.772	-52.844	-51.238	-50.883	-50.179
par-78	-69.590	-71.772	-74.018	-57.041	-55.148	-55.018	-54.173
par-79	-71.249	-73.637	-75.910	-58.165	-56.197	-56.129	-55.247
par-80	-54.481	-55.079	-56.466	-46.712	-45.519	-44.891	-44.384
par-81	-44.201	-44.178	-45.314	-38.899	-38.099	-37.257	-36.935
par-82	-35.719	-35.364	-36.137	-32.655	-32.215	-31.351	-31.189
par-83	-43.217	-43.111	-44.163	-38.410	-37.686	-36.840	-36.551
par-84	-69.619	-71.763	-73.897	-57.175	-55.294	-55.161	-54.321
par-85	-69.512	-71.613	-73.706	-57.186	-55.320	-55.179	-54.347
par-86	-47.818	-48.008	-49.278	-41.560	-40.609	-39.827	-39.435
par-87	-68.400	-70.465	-72.562	-56.163	-54.317	-54.145	-53.323
par-88	-27.831	-27.367	-28.081	-25.296	-24.958	-24.029	-23.915
par-89	-73.330	-76.009	-78.335	-59.501	-57.431	-57.448	-56.515

	par-50	par-51	par-52	par-53	par-54	par-55	par-56
par-50	0.000						
par-51	-2.586	0.000					
par-52	-8.579	-6.911	0.000				
par-53	2.600	4.913	10.607	0.000			
par-54	-15.008	-13.706	-7.892	-16.818	0.000		
par-55	-73.744	-71.516	-54.773	-80.601	-33.549	0.000	
par-56	-63.911	-61.922	-48.188	-69.209	-29.927	3.563	0.000
par-57	-19.763	-19.077	-16.007	-20.667	-11.166	4.529	3.419
par-58	-58.511	-56.754	-45.312	-62.690	-29.278	1.287	-1.598
par-59	-86.576	-83.918	-61.735	-96.701	-36.206	-1.166	-5.202
par-60	-78.357	-75.950	-57.106	-86.427	-34.192	0.784	-3.244
par-61	-75.206	-72.910	-55.413	-82.494	-33.593	0.721	-3.088
par-62	-75.336	-73.027	-55.406	-82.698	-33.504	1.058	-2.825
par-63	-47.702	-46.124	-36.784	-50.962	-23.409	6.799	4.364
par-64	-54.673	-52.946	-42.042	-58.619	-26.767	4.608	1.648
par-65	-66.386	-64.323	-49.748	-72.112	-30.668	3.316	-0.397
par-66	-73.077	-70.796	-53.675	-80.179	-32.318	3.118	-1.082
par-67	-68.074	-65.948	-50.682	-74.165	-30.982	3.602	-0.283
par-68	-29.210	-28.313	-23.977	-30.532	-17.149	2.396	0.941
par-69	-37.547	-36.356	-30.068	-39.570	-20.463	4.177	2.175
par-70	-29.253	-28.200	-23.028	-30.866	-15.106	8.044	6.169
par-71	-63.252	-61.224	-47.252	-68.688	-28.895	5.936	2.042
par-72	-45.756	-44.241	-35.456	-48.779	-22.736	7.200	4.320
par-73	-48.976	-47.366	-37.713	-52.372	-23.962	7.206	4.050
par-74	-61.599	-59.671	-46.632	-66.555	-29.087	4.210	0.641
par-75	-59.195	-57.335	-45.052	-63.785	-28.289	4.379	1.045
par-76	-65.281	-63.216	-48.739	-70.969	-29.839	4.807	0.944
par-77	-65.658	-63.567	-48.841	-71.480	-29.742	5.381	1.382
par-78	-72.377	-70.100	-53.096	-79.423	-31.887	3.937	-0.333
par-79	-74.179	-71.856	-54.246	-81.562	-32.493	3.352	-0.954
par-80	-56.069	-54.276	-42.766	-60.299	-26.880	5.713	2.330
par-81	-45.236	-43.743	-35.141	-48.182	-22.632	6.920	4.152
par-82	-36.288	-35.194	-29.540	-38.075	-20.760	1.950	0.184
par-83	-44.144	-42.740	-34.790	-46.817	-23.006	4.771	2.318
par-84	-72.375	-70.114	-53.244	-79.338	-32.109	3.278	-0.857
par-85	-72.235	-69.989	-53.263	-79.112	-32.227	2.852	-1.191
par-86	-49.064	-47.438	-37.670	-52.512	-23.809	7.619	4.497

par-87	-71.108	-68.854	-52.193	-77.969	-31.327	4.740	0.401
par-88	-28.299	-27.262	-22.207	-29.871	-14.464	8.492	6.635
par-89	-76.462	-74.073	-55.615	-84.332	-33.138	2.855	-1.344

	par-57	par-58	par-59	par-60	par-61	par-62	par-63
par-57	0.000						
par-58	-3.964	0.000					
par-59	-4.818	-2.147	0.000				
par-60	-4.393	-0.828	2.480	0.000			
par-61	-4.383	-0.803	2.121	-0.008	0.000		
par-62	-4.295	-0.575	2.660	0.373	0.343	0.000	
par-63	-1.508	5.314	8.561	7.249	7.058	6.863	0.000
par-64	-2.738	2.912	5.962	4.588	4.350	4.222	-2.645
par-65	-3.544	1.300	4.918	2.886	2.795	2.471	-4.761
par-66	-3.773	0.913	5.534	2.728	2.524	2.201	-5.518
par-67	-3.530	1.454	5.541	3.300	3.101	2.815	-4.759
par-68	-1.734	1.695	2.739	2.173	2.152	2.057	-1.414
par-69	-2.544	3.089	4.800	3.969	3.930	3.774	-0.986
par-70	0.523	6.842	8.704	7.909	7.829	7.706	3.049
par-71	-2.754	3.400	7.907	5.932	5.511	5.377	-2.841
par-72	-1.411	5.283	8.301	7.021	6.784	6.749	0.145
par-73	-1.670	5.052	8.572	6.932	6.695	6.561	-0.329
par-74	-3.184	2.122	5.818	3.852	3.309	3.565	-3.733
par-75	-3.014	2.443	5.887	4.198	3.889	3.643	-3.342
par-76	-3.130	2.468	7.005	4.643	4.290	3.979	-3.750
par-77	-3.000	2.857	7.706	4.899	5.032	4.671	-3.454
par-78	-3.565	1.498	6.705	3.569	3.381	2.957	-4.997
par-79	-3.750	1.006	6.092	2.923	2.735	2.352	-5.490
par-80	-2.513	3.560	7.266	5.703	5.272	5.153	-2.155
par-81	-1.473	4.488	8.080	6.765	6.609	6.439	0.034
par-82	-2.924	1.284	2.389	1.689	1.670	1.540	-2.575
par-83	-2.172	3.145	5.627	4.533	4.452	4.288	-1.349
par-84	-3.720	1.044	5.686	2.901	2.677	1.996	-5.362
par-85	-3.820	0.748	4.947	2.417	2.277	1.769	-5.586
par-86	-1.513	5.460	9.105	7.523	7.300	7.151	-0.001
par-87	-3.346	2.114	7.627	4.592	4.221	4.314	-4.423
par-88	0.847	7.284	9.151	8.363	8.285	8.163	3.526
par-89	-3.909	0.590	5.610	2.402	2.182	1.844	-5.965

	par-64	par-65	par-66	par-67	par-68	par-69	par-70
par-64	0.000						
par-65	-1.782	0.000					
par-66	-2.699	-0.616	0.000				
par-67	-1.951	0.149	0.752	0.000			
par-68	0.093	1.128	1.367	1.065	0.000		
par-69	1.001	2.407	2.826	2.377	0.465	0.000	
par-70	4.955	6.425	6.872	6.417	3.285	3.519	0.000
par-71	0.068	2.516	3.446	2.481	-0.063	-1.010	-5.167
par-72	2.644	4.758	5.381	4.716	1.512	1.069	-2.887
par-73	2.221	4.619	5.257	4.407	1.222	0.729	-3.310
par-74	-1.101	1.010	1.739	0.939	-0.647	-1.767	-5.767
par-75	-0.623	1.502	2.122	1.360	-0.439	-1.472	-5.481
par-76	-0.868	1.449	2.188	1.310	-0.544	-1.664	-5.767
par-77	-0.550	1.845	2.750	1.785	-0.369	-1.435	-5.572
par-78	-2.098	0.116	0.858	-0.047	-1.096	-2.451	-6.547
par-79	-2.635	-0.537	0.120	-0.726	-1.335	-2.790	-6.858
par-80	0.538	2.767	3.509	2.706	0.198	-0.624	-4.672
par-81	2.501	4.531	5.191	4.507	1.416	0.983	-2.955
par-82	-0.806	0.394	0.689	0.325	-0.650	-1.452	-4.647

par-83	0.912	2.630	3.136	2.577	0.480	-0.185	-3.912
par-84	-2.535	-0.439	0.204	-0.626	-1.301	-2.729	-6.782
par-85	-2.764	-0.812	-0.218	-0.996	-1.435	-2.907	-6.932
par-86	2.660	4.922	5.722	4.923	1.430	0.997	-3.083
par-87	-1.497	0.875	1.741	0.758	-0.806	-2.055	-6.189
par-88	5.420	6.891	7.340	6.884	3.658	3.984	0.434
par-89	-3.133	-1.112	-0.506	-1.256	-1.538	-3.083	-7.139

	par-71	par-72	par-73	par-74	par-75	par-76	par-77
par-71	0.000						
par-72	2.944	0.000					
par-73	2.489	-0.463	0.000				
par-74	-1.306	-3.739	-3.407	0.000			
par-75	-0.829	-3.386	-3.065	0.365	0.000		
par-76	-1.156	-3.747	-3.451	0.223	-0.250	0.000	
par-77	-0.749	-3.463	-3.102	0.656	0.176	0.441	0.000
par-78	-2.709	-4.935	-4.679	-1.062	-1.474	-1.448	-2.005
par-79	-3.399	-5.396	-5.232	-1.676	-2.051	-2.128	-2.624
par-80	0.549	-2.242	-1.847	1.693	1.244	1.564	1.150
par-81	2.706	-0.107	0.351	3.597	3.188	3.557	3.279
par-82	-0.893	-2.640	-2.355	-0.169	-0.412	-0.308	-0.525
par-83	0.942	-1.449	-1.063	1.828	1.481	1.718	1.448
par-84	-3.225	-5.276	-5.055	-1.544	-1.979	-2.014	-2.536
par-85	-3.582	-5.508	-5.358	-1.807	-2.318	-2.406	-2.898
par-86	2.921	-0.149	0.339	3.890	3.407	3.854	3.561
par-87	-1.938	-4.395	-4.089	-0.347	-0.796	-0.665	-1.174
par-88	5.646	3.359	3.784	6.242	5.942	6.237	6.051
par-89	-4.067	-5.902	-5.709	-2.198	-2.624	-2.805	-3.371

	par-78	par-79	par-80	par-81	par-82	par-83	par-84
par-78	0.000						
par-79	-0.773	0.000					
par-80	2.779	3.424	0.000				
par-81	4.710	5.178	2.089	0.000			
par-82	0.351	0.646	-1.178	-2.306	0.000		
par-83	2.697	3.102	0.482	-1.412	1.120	0.000	
par-84	-0.653	0.091	-3.341	-5.062	-0.605	-3.025	0.000
par-85	-1.025	-0.343	-3.649	-5.285	-0.771	-3.237	-0.413
par-86	5.190	5.718	2.220	-0.035	2.610	1.373	5.556
par-87	0.905	1.679	-2.228	-4.164	0.004	-2.198	1.432
par-88	7.019	7.327	5.147	3.424	5.039	4.358	7.249
par-89	-1.478	-0.700	-4.008	-5.604	-0.896	-3.467	-0.755

	par-85	par-86	par-87	par-88	par-89
par-85	0.000				
par-86	5.722	0.000			
par-87	1.766	-4.618	0.000		
par-88	7.396	3.565	6.666	0.000	
par-89	-0.295	-6.217	-2.416	-7.604	0.000

Summary of models

	Model	NPAR	CMIN	DF	P	CMIN/DF
Default model		89	582.068	316	0.000	1.842
Saturated model		405	0.000	0		
Independence model		27	17873.063	378	0.000	47.283

Model	DELTA1 NFI	RHO1 RFI	DELTA2 IFI	RHO2 TLI
Default model	0.967	0.961	0.985	0.982
Saturated model	1.000		1.000	
Independence model	0.000	0.000	0.000	0.000

Model	PRATIO	PNFI	PCFI
Default model	0.836	0.809	0.823
Saturated model	0.000	0.000	0.000
Independence model	1.000	0.000	0.000

Model	NCF	LO 90	HI 90
Default model	266.068	202.202	337.760
Saturated model	0.000	0.000	0.000
Independence model	17495.063	17060.760	17935.687

Model	FMIN	F0	LO 90	HI 90
Default model	3.234	1.478	1.123	1.876
Saturated model	0.000	0.000	0.000	0.000
Independence model	99.295	97.195	94.782	99.643

Model	RMSEA	LO 90	HI 90	PCLOSE
Default model	0.068	0.060	0.077	0.000
Independence model	0.507	0.501	0.513	0.000

Model	AIC	BCC	BIC	CAIC
Default model	760.068	792.858		
Saturated model	810.000	959.211		
Independence model	17927.063	17937.010		

Model	ECVI	LO 90	HI 90	MECVI
Default model	4.223	3.868	4.621	4.405
Saturated model	4.500	4.500	4.500	5.329
Independence model	99.595	97.182	102.043	99.650

	HOELTER	HOELTER
Model	.05	.01
-----	-----	-----
Default model	111	117
Independence model	5	5

Execution time summary:

Minimization: 0.330
 Miscellaneous: 0.600
 Bootstrap: 0.000
 Total: 0.930

Tabel t

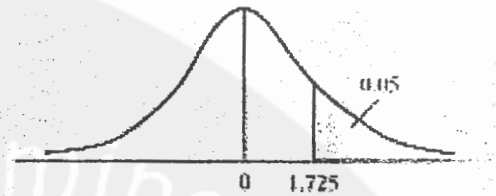
TABLE D.2
Percentage points of the *t* distribution

Example

$$Pr(t > 2.086) = 0.025$$

$$Pr(t < 1.725) = 0.05 \quad \text{for } df = 20$$

$$Pr(|t| > 1.725) = 0.10$$



Pr	0.25	0.10	0.05	0.025	0.01	0.005	0.001
df	0.50	0.20	0.10	0.05	0.02	0.010	0.002
1	1.000	3.078	6.314	12.706	31.821	63.657	118.31
2	0.816	1.886	2.920	4.303	6.965	9.925	22.327
3	0.765	1.638	2.353	3.182	4.541	5.841	10.214
4	0.741	1.533	2.132	2.776	3.747	4.604	7.173
5	0.727	1.476	2.015	2.571	3.365	4.032	5.893
6	0.718	1.440	1.943	2.447	3.143	3.707	5.208
7	0.711	1.415	1.895	2.365	2.998	3.499	4.785
8	0.706	1.397	1.860	2.306	2.896	3.355	4.501
9	0.703	1.383	1.833	2.262	2.821	3.250	4.297
10	0.700	1.372	1.812	2.228	2.764	3.169	4.144
11	0.697	1.363	1.796	2.201	2.718	3.106	4.025
12	0.695	1.356	1.782	2.179	2.681	3.055	3.930
13	0.694	1.350	1.771	2.160	2.650	3.012	3.852
14	0.692	1.345	1.761	2.145	2.624	2.977	3.787
15	0.691	1.341	1.753	2.131	2.602	2.947	3.733
16	0.690	1.337	1.746	2.120	2.583	2.921	3.686
17	0.689	1.333	1.740	2.110	2.567	2.898	3.646
18	0.688	1.330	1.734	2.101	2.552	2.878	3.610
19	0.688	1.328	1.729	2.093	2.539	2.861	3.579
20	0.687	1.325	1.725	2.086	2.528	2.845	3.552
21	0.686	1.323	1.721	2.080	2.518	2.831	3.527
22	0.686	1.321	1.717	2.074	2.508	2.819	3.505
23	0.685	1.319	1.714	2.069	2.500	2.807	3.485
24	0.685	1.318	1.711	2.064	2.492	2.797	3.467
25	0.684	1.316	1.708	2.060	2.485	2.787	3.450
26	0.684	1.315	1.706	2.056	2.479	2.779	3.435
27	0.684	1.314	1.703	2.052	2.473	2.771	3.421
28	0.683	1.313	1.701	2.048	2.467	2.763	3.408
29	0.683	1.311	1.699	2.045	2.462	2.756	3.396
30	0.683	1.310	1.697	2.042	2.457	2.750	3.385
40	0.681	1.303	1.684	2.021	2.423	2.704	3.307
60	0.679	1.296	1.671	2.000	2.390	2.660	3.232
120	0.677	1.289	1.658	1.980	2.358	2.617	3.160
∞	0.674	1.282	1.645	1.960	2.326	2.576	3.090

Note: The smaller probability shown at the head of each column is the area in one tail; the larger probability is the area in both tails.

Source: From E. S. Pearson and H. O. Hartley, eds., *Biometrika Tables for Statisticians*, vol. 1, 3d ed., table 12, Cambridge University Press, New York, 1966. Reproduced by permission of the editors and trustees of *Biometrika*.