

LAMPIRAN – LAMPIRAN

Lampiran 1. Ijin Pra Penelitian



**UNIVERSITAS KRISTEN ARTHA WACANA
FAKULTAS EKONOMI**

Jl. Adisucipto No. 147 Oesapa, Kota Kupang 85228, NTT - Indonesia
Telp. 0380-881584 - WA +6282146935252 - Website: <http://www.ukaw.ac.id/>
e-mail: ukawfe25@gmail.com

Nomor : 232/FE-UKAW/M.7/IV.2026
Lampiran : 1 (satu) Eksp.
Perihal : Ijin Pra Penelitian

Kepada
Yth. Pimpinan Kantor Samsat Kabupaten Rote Ndao
di-
Tempat

Dengan hormat,

Sebagai salah satu persyaratan untuk mencapai gelar Sarjana pada Fakultas Ekonomi Universitas Kristen Artha Wacana, maka Mahasiswa kami akan mengadakan penelitian untuk Penulisan Skripsi dengan diawali menyusun Proposal Penelitian.

Untuk keperluan Penulisan Proposal Penelitian maka kiranya Bapak/Ibu dapat memberikan ijin bagi Mahasiswa yang bersangkutan untuk mengadakan Pra Penelitian:

Nama : Indah Henukh
NIM : 22190008
Program Studi : Akuntansi
Jalur Minat : Pepajakan
Judul : **Pengaruh Kesadaran Wajib Pajak, Kualitas Layanan Samsat, Dan Sanksi Perpajakan Terhadap Tingkat Kepatuhan Wajib Pajak Kendaraan Bermotor (Studi Pada Kantor Bersama Samsat Rote Ndao)**

Demikian surat ini disampaikan, atas perhatian dan kerjasamanya yang baik, kami haturkan timbuh terima kasih.

Kupang, 16 April 2026


Dr. Christian D. Manu, SE., M.Sc., Ak
NUPTK. 5669/63664131352

Tembusan Kepada:

1. Yth. Rektor UKAW
 2. Yth. Ketua Program Studi Akuntansi
 3. Yang Bersangkutan
- Arsip

Lampiran 2. Ijin Penelitian



UNIVERSITAS KRISTEN ARTHA WACANA
FAKULTAS EKONOMI

Jl. Adisucipto No. 147 Oesapa, Kota Kupang 85228, NTT - Indonesia
Telp. 0380-881584 - WA +6282146935252 - Website: <http://www.ukaw.ac.id/>
e-mail: ukawfe25@gmail.com

Nomor : 978/FE-UKAW/E.6/VI.2026
Lampiran : 1 (satu) Ekslembar
Perihal : Ijin Penelitian

Kepada
Yth. Kepala Dinas Penanaman Modal Dan Pelayanan Terpadu Satu Pintu
(DPMPTSP) Provinsi NTT

di -
Tempat

Dengan hormat,

Sebagai salah satu persyaratan untuk mencapai gelar Sarjana, pada Fakultas Ekonomi Universitas Kristen Artha Wacana Kupang, maka Mahasiswa kami akan mengadakan penelitian dalam rangka penulisan Skripsi. Untuk itu kami mohon kiranya Bapak / Ibu memberikan Ijin bagi Mahasiswa yang bersangkutan:

Nama : Indah Henukh
NIM : 22190008
Semester : VIII (Delapan)
Susunan Organisasi Skripsi Sebagai berikut :

Penanggungjawab : Dekan Fakultas Ekonomi
Pembimbing : 1. Dr. Jems Arison Zacharias, SE.,M.Si
2. Herry Aprilia Manubulu, S.Sos,M.Si.,Ak

Lama Penelitian: 2 (dua) Minggu

Pembiayaan : Sendiri
Judul : Pengaruh kesadaran wajib pajak, kualitas layanan Samsat dan sanksi perpajakan terhadap tingkat kepatuhan wajib pajak kendaraan Bermotor (Studi pada Kantor bersama Samsat Rote Ndao)

Sebagai bahan pertimbangan Bapak/Ibu, maka kami lampirkan Proposal Penelitian dari Mahasiswa yang bersangkutan. Demikian surat ini disampaikan, atas perhatian dan kerjasama yang baik, kami haturkan limpah terima kasih.

Kupang, 25 Juni 2026



Dr. Christian D. Magay, SE.,M.Sc.,Ak
NUPTK. 5660763664131352

Tembusan Kepada Yth :
1. Ketua Program Studi Akuntansi
2. Yang Bersangkutan
Arsip

Lampiran 3. Surat Izin Penelitian DPMPTSP Provinsi dan Daerah



PEMERINTAH PROVINSI NUSA TENGGARA TIMUR
DINAS PENANAMAN MODAL DAN PELAYANAN TERPADU SATU PINTU
Jalan Basuki Rahmat Nomor 1 Kelurahan Naikolan
(Gedung B Lantai I dan II Kompleks Kantor Gubernur Lama)
Laman : www.dpmtsp.nttprov.id ; Pos-el : pmptsp.nttprov@gmail.com
KUPANG 85117

SURAT IZIN PENELITIAN

NOMOR : 500.16.7.2-000.9.2/2665/DPMTSP/2026

Yang bertanda tangan di bawah ini :

Nama : Sylvia R. Peku Djawang, S.P., M.M.
Jabatan : Kepala Dinas Penanaman Modal dan Pelayanan Terpadu Satu Pintu Provinsi
Nusa Tenggara Timur

Dengan ini memberikan Izin Penelitian kepada :

Nama : Indah Henukh
NIM : 22190008
Jurusan/Prodi : Akuntansi
Instansi/Lembaga : Universitas Kristen Artha Wacana Kupang

Untuk melaksanakan penelitian, dengan rincian sebagai berikut :

Judul Penelitian : PENGARUH KESADARAN WAJIB PAJAK, KUALITAS LAYANAN SAMSAT DAN
SANKSI PERPAJAKAN TERHADAP TINGKAT KEPATUHAN WAJIB PAJAK
KENDARAAN BERMOTOR (Studi pada Kantor Samsat Rote Ndao)

Lokasi Penelitian : Kantor Samsat Kabupaten Rote Ndao

Waktu Pelaksanaan

- a. Mulai : 01 Juli 2026
- b. Berakhir : 15 Juli 2026

Dengan ketentuan yang harus ditaati, sebagai berikut :

1. Sebelum melakukan kegiatan penelitian, terlebih dahulu melaporkan kedatangannya kepada Bupati/Walikota Cq. Kepala Kesbangpol/DPMTSP setempat yang akan dijadikan obyek penelitian;
2. Mematuhi ketentuan peraturan yang berlaku di daerah/wilayah/lokus penelitian;
3. Tidak dibenarkan melakukan penelitian yang materinya bertentangan dengan topik/judul penelitian sebagaimana dimaksud diatas;
4. Peneliti wajib melaporkan hasil penelitian kepada Gubernur Nusa Tenggara Timur Cq. Kepala Dinas Penanaman Modal dan Pelayanan Terpadu Satu Pintu Provinsi NTT;
5. Surat Izin Penelitian dapat dibatalkan sewaktu-waktu apabila tidak sesuai dengan ketentuan yang berlaku.

Demikian Izin Penelitian ini dibuat untuk dipergunakan sebagaimana mestinya.

Kupang, 25 Juni 2026

a.n. Gubernur Nusa Tenggara Timur
Kepala Dinas Penanaman Modal
dan PTSP Provinsi NTT,



Sylvia R. Peku Djawang, S.P., M.M.
Pembina Utama Madya
NIP. 196805121995032003

Tembusan :

1. Gubernur Nusa Tenggara Timur di Kupang;
2. Wakil Gubernur Nusa Tenggara Timur di Kupang
3. Sekretaris Daerah Provinsi Nusa Tenggara Timur di Kupang;
4. Kepala Badan Kesbangpol Provinsi NTT di Kupang;
5. Pimpinan Instansi/Lembaga yang bersangkutan.

Dokumen ini telah ditandatangani secara elektronik menggunakan sertifikat elektronik yang diterbitkan oleh Balai Besar Sertifikasi Elektronik (BSrE), Badan Siber dan Sandi Negara (BSSN).



**PEMERINTAH KABUPATEN ROTE NDAO
DINAS PENANAMAN MODAL
DAN PELAYANAN TERPADU SATU PINTU**

Kompleks Perkantoran Bumi Ti'i Langga Permai
Jln. Lekunik, Ba'a-Rote Telp/Fax (0380) 8571005

www.facebook.com/DPMTSPRN, e-mail : dpmtsprote@gmail.com

IZIN PENELITIAN

Nomor : 500.16.7.4/92/DPMTSP/2026

Yang bertanda tangan di bawah ini :

Nama : JEMI OKTOVIANUS ADU, S.H.
NIP : 19791008 200604 1 014
Pangkat/Golongan : Pembina Tk.I
Jabatan : Kepala Dinas
Unit Kerja : Dinas Penanaman Modal dan PTSP Kabupaten Rote Ndao

Dengan ini memberikan Izin kepada :

Nama : Indah Henukh
Jenis Kelamin : Perempuan
NIM : 22190008
Jurusan/Prodi : Akuntansi
Fakultas : Ekonomi
Perguruan Tinggi : Universitas Kristen Artha Wacana Kupang
Untuk Maksud : **PENGARUH KESADARAN WAJIB PAJAK, KUALITAS LAYANAN SAMSAT DAN SANKSI PERPAJAKAN TERHADAP TINGKAT KEPATUHAN WAJIB PAJAK KENDARAAN BERMOTOR (Studi pada Kantor Bersama Samsat Rote Ndao)**

Lokasi/Tempat : Kantor Bersama Samsat Rote Ndao
Magang

Waktu Pelaksanaan :

- a. Mulai : 01 Juli 2026
b. Selesai : 15 Juli 2026

Ketentuan :

1. Wajib melaporkan diri sebelum dan sesudah melakukan Praktik Kerja Lapangan (Magang) kepada Pimpinan Organisasi/Perangkat Daerah/Badan/Kantor setempat;
2. Mematuhi peraturan yang berlaku di daerah/wilayah/loka/tempat Praktik Kerja Lapangan (Magang);
3. Melaporkan hasil praktik dimaksud kepada Bupati Rote Ndao Cq. Kepala DPMTSP Kabupaten Rote Ndao;
4. Surat Izin Praktik Kerja Lapangan (Magang) ini dapat dibatalkan sewaktu-waktu apabila tidak sesuai dengan Demikian Surat Izin ini diberikan untuk dapat dipergunakan sebagaimana mestinya.

Ba'a 1 Juli 2026
Kepala Dinas Penanaman Modal dan PTSP
Kabupaten Rote Ndao,
JEMI OKTOVIANUS ADU, S.H.
Pembina Tk.I
NIP. 19791008 200604 1014

Paraf Hierarki	
Penata Perizinan Ahli Madya	
Penata Perizinan Ahli Muda	
Pengadministrasi Perkantoran	

Tembusan:

1. Bupati Rote Ndao di Ba'a (sebagai laporan);
2. Kepala Badan Perencanaan, Pengembangan, Riset dan Inovasi Daerah Kabupaten Rote Ndao di Ba'a;
3. Kepala Badan Kesbang. Pol Kabupaten Rote Ndao di Ba'a;
4. Kepala Kantor Samsat Rote Ndao di Tempat;
5. Pimpinan Perguruan Tinggi Yang Bersangkutan di Tempat.

Lampiran 4. Surat Keterangan Selesai Penelitian



PEMERINTAH PROVINSI NUSA TENGGARA TIMUR
UPTD. PENDAPATAN DAERAH WIL. KABUPATEN ROTE NDAO
PADA BADAN PENDAPATAN DAN ASET DAERAH
Jln. Adhyaksa, Kompleks Perkantoran Bumi Ti'i Langga Permai
Email : dpadprovinsinttuptrote@gmail.com
Ba'a

Kode Pos : 85916

SURAT KETERANGAN SELESAI PENELITIAN

Nomor : UPTD.Penda.RN/000.099/833/2026

Yang bertanda tangan dibawah ini :

Nama : Apris I. Suan, S.Sos
NIP : 19710425 200701 1 020
Pangkat/Gol : Penata (III/c)
Jabatan : Plt. Kepala UPTD. Pendapatan Daerah Wilayah Kabupaten Rote Ndao

Dengan ini menerangkan bahwa Mahasiswi dengan identitas sebagai berikut :

Nama : Indah Henukh
Jenis Kelamin : Perempuan
NIM : 22190008
Jurusan/Prodi : Akuntansi
Fakultas : Ekonomi
Perguruan Tinggi : Universitas Kristen Artha Wacana Kupang

Telah melakukan penelitian pada UPTD. Pendapatan Daerah Wilayah Kabupaten Rote Ndao yang tergabung dalam Sistem Administrasi Manunggal Satu Atap (SAMSAT) sesuai Surat Ijin Penelitian Nomor : 500.16.7.4/92/DPMPSTSP/2026, dari tanggal 01 juli 2026 sampai dengan 15 Juli 2026 untuk memperoleh data dalam rangka penyusunan skripsi dengan judul "**PENGARUH KESADARAN WAJIB PAJAK, KUALITAS LAYANAN SAMSAT DAN SANKSI PERPAJAKAN TERHADAP TINGKAT KEPATUHAN WAJIB PAJAK KENDARAAN BERMOTOR**".

Demikian surat keterangan ini dibuat dan dipergunakan sebagaimana mestinya.

Ba'a, 15 Juli 2026

Plt. Kepala UPTD. Pendapatan Daerah
Wilayah Kabupaten Rote Ndao


Apris I. Suan, S.Sos
Penata (III/c)
NIP 19710425 200701 1 020

Tembusan :

1. Kepala Badan Pendapatan dan Aset Daerah Provinsi Nusa Tenggara Timur di-Kupang;
2. Kepala DPMPSTSP Kabupaten Rote Ndao di-Ba'a;
3. Arsip.



**PEMERINTAH KABUPATEN ROTE NDAO
DINAS PENANAMAN MODAL
DAN PELAYANAN TERPADU SATU PINTU**

Kompleks Perkantoran Bumi Ti'i Langga Permai
Jln. Lekunik, Ba'a-Rote Telp/Fax (0380) 8571005
www.facebook.com/DPMPTSPRN, e-mail : dpmptsrote@gmail.com

SURAT KETERANGAN SELESAI PENELITIAN

Nomor : 500.16.7.4/35/DPMPTSP/2026

Yang bertanda tangan di bawah ini :

Nama : Jemi O Adu, SH
NIP : 197910082006041014
Pangkat/Golongan : Pembina Tk.I/IV.B
Jabatan : Kepala Dinas
Unit Kerja : Dinas Penanaman Modal dan PTSP Kabupaten Rote Ndao

Dengan ini menerangkan bahwa :

Nama : Indah Henukh
Jenis Kelamin : Perempuan
NIM : 22190008
Jurusan/Prodi : Akuntansi
Fakultas : Ekonomi
Perguruan Tinggi : Universitas Kristen Artha Wacana Kupang

Telah melakukan penelitian dengan keterangan sebagai berikut:

Judul Penelitian : **PENGARUH KESADARAN WAJIB PAJAK, KUALITAS LAYANAN SAMSAT DAN SANKSI PERPAJAKAN TERHADAP TINGKAT KEPATUHAN WAJIB PAJAK KENDARAAN BERMOTOR (Studi pada Kantor Bersama Samsat Rote Ndao)**

Lokasi Penelitian : Kantor Bersama Samsat Rote Ndao

Waktu Pelaksanaan :

- a. Mulai : 01 Juli 2026
b. Selesai : 15 Juli 2026

Demikian Keterangan Selesai Penelitian ini dibuat untuk dipergunakan sebagaimana mestinya.

Ba'a

15 Juli

2026



Tembusan:

1. Bupati Rote Ndao di Ba'a (sebagai laporan);
2. Kepala Badan Penelitian dan Pengembangan Daerah Kabupaten Rote Ndao di Ba'a;
3. Kepala Badan Kesbang. Pol Kabupaten Rote Ndao di Ba'a;
4. Pimpinan Perguruan Tinggi Yang Bersangkutan di Tempat.



**Balai Besar
Sertifikasi
Elektronik**

Dokumen ini ditandatangani secara elektronik menggunakan sertifikat elektronik yang diterbitkan oleh Balai Besar Sertifikasi Elektronik (BSrE), Badan Siber dan Sandi Negara (BSSN)



**Bidang
Persandian
DKSP Kab RN**

Lampiran 5. Kuesioner Penelitian

KUESIONER PENELITIAN

**PENGARUH KESADARAN WAJIB PAJAK, KUALITAS LAYANAN
SAMSAT DAN SANKSI PERPAJAKAN TERHADAP TINGKAT
KEPATUHAN WAJIB PAJAK KENDARAAN BERMOTOR (Studi Pada
Kantor bersama Samsat Rote Ndao)**

Shalom, Assalamualaikum Wr. WB, Salve, Om Swastiastu, Namo Buddhaya,
Salam Kebajikan. Salam Sejahtera

Kepada Yth, Para Responden

Dengan Hormat,

Perkenalkan saya Indah Henukh, Mahasiswa Universitas Kristen Artha Wacana
Kupang Fakultas Ekonomi Jurusan Akuntansi. Saat ini saya sedang melakukan
penelitian dengan judul **“Pengaruh Kesadaran Wajib Pajak, Kualitas Layanan
Samsat dan Sanksi Perpajakan terhadap Tingkat Kepatuhan Wajib Pajak
Kendaraan Bermotor (Studi pada kantor bersama Samsat Rote Ndao)”**.

Dalam rangka menyusun tugas akhir dan memperoleh data untuk menyelesaikan
skripsi tersebut. Saya mohon bantuan Saudara/i untuk menjadi responden pada
penelitian saya dengan berkenan mengisi kuesioner dibawah ini.

Atas perhatian, partisipasi dan kesediaan Saudara/i dalam mengisi kuesioner ini
saya ucapkan terima kasih.

IDENTITAS RESPONDEN

(Jawaban bersifat sukarela)

1. Nama Responden (opsional) :

2. Umur : tahun

3. Jenis Kelamin:

☐ Laki-laki

☐ Perempuan

4. Pendidikan Terakhir:

☐ SD

☐ SMP

☐ SMA/SMK

☐ Diploma

☐ Sarjana (S1)

☐ Pascasarjana (S2/S3)

5. Pekerjaan:

6. Domisili:

PETUNJUK PENGISIAN KUESIONER :

Mohon mengisi daftar pernyataan dibawah ini dengan memberikan tanda (√) pada alternatif jawaban yang sesuai dengan pendapat anda.

Skala Penilaian :

- 1 = Sangat Tidak Setuju (STS)
- 2 = Tidak Setuju (TS)
- 3 = Netral (N)
- 4 = Setuju (S)
- 5 = Sangat Setuju (SS)

A. KESADARAN WAJIB PAJAK (X₁)

No	Pernyataan	Jawaban				
		1	2	3	4	5
1	Saya memahami bahwa pajak Kendaraan Bermotor digunakan untuk membiayai pembangunan daerah dan layanan publik.	☐	☐	☐	☐	☐
2	Saya menyadari bahwa membayar pajak Kendaraan Bermotor adalah kewajiban saya sebagai warga negara.	☐	☐	☐	☐	☐
3	Saya menganggap membayar pajak sebagai bentuk kontribusi kepada negara/daerah, bukan hanya sekedar kewajiban administratif.	☐	☐	☐	☐	☐
4	Saya mengetahui bahwa keterlambatan membayar pajak Kendaraan Bermotor dapat merugikan pembangunan daerah.	☐	☐	☐	☐	☐

B. KUALITAS LAYANAN SAMSAT (X₂)

No	Pernyataan	Jawaban				
		1	2	3	4	5
5	Pelayanan pembayaran pajak Kendaraan Bermotor di Samsat dilakukan dengan cepat dan tidak terlalu lama menunggu.	☐	☐	☐	☐	☐

6	Petugas Samsat melayani dengan sikap ramah, sopan, dan tidak arogan.	☐	☐	☐	☐	☐
7	Informasi mengenai prosedur, tarif, dan jatuh tempo pajak disampaikan dengan jelas dan mudah dipahami.	☐	☐	☐	☐	☐
8	Proses pembayaran pajak Kendaraan Bermotor di Samsat mudah dipahami dan tidak berbelit-belit.	☐	☐	☐	☐	☐
9	Saya merasa nyaman saat menggunakan layanan Samsat (suasana, perlakuan petugas, dan prosesnya).	☐	☐	☐	☐	☐
10	Fasilitas pelayanan di Samsat (antrian, loket, tempat duduk, dsb.) sudah memadai dan tertata dengan baik.	☐	☐	☐	☐	☐

C. SANKSI PERPAJAKAN (X3)

No	Pernyataan	Jawaban				
		1	2	3	4	5
11	Saya menilai sanksi atas keterlambatan membayar pajak Kendaraan Bermotor cukup tegas dan tidak terasa sepele.	☐	☐	☐	☐	☐
12	Saya merasa sanksi pajak dapat memberikan efek jera sehingga wajib pajak menjadi lebih patuh.	☐	☐	☐	☐	☐
13	Saya mengetahui bahwa keterlambatan membayar pajak Kendaraan Bermotor dikenai denda sesuai ketentuan yang berlaku.	☐	☐	☐	☐	☐
14	Saya menilai sanksi pajak diterapkan secara konsisten kepada semua wajib pajak, tanpa ada pilih kasih.	☐	☐	☐	☐	☐
15	Adanya sanksi membuat saya lebih cenderung membayar pajak tepat waktu dan tidak menunda pembayaran.	☐	☐	☐	☐	☐

D. KEPATUHAN WAJIB PAJAK KENDARAAN BERMOTOR (Y)

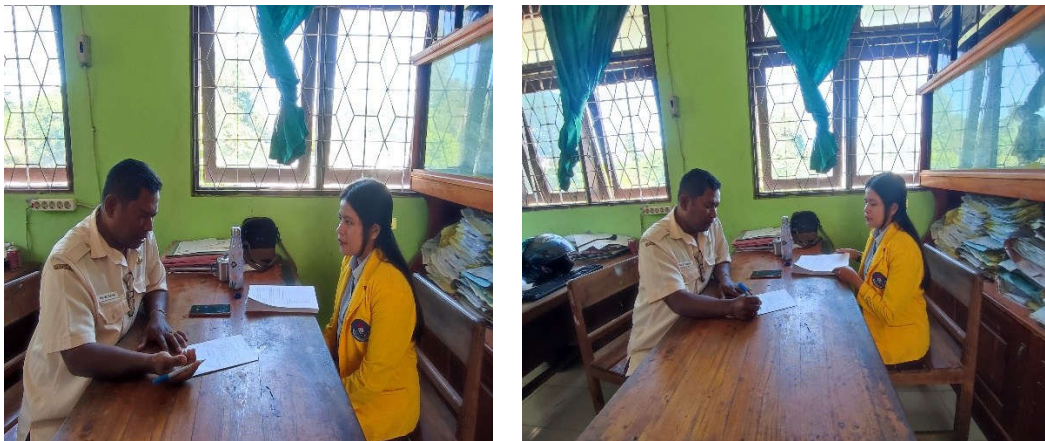
No	Pernyataan	Jawaban				
		1	2	3	4	5
16	Saya menghitung pajak Kendaraan Bermotor saya sendiri sesuai dengan tarif yang berlaku.	☐	☐	☐	☐	☐
17	Saya membayar pajak Kendaraan Bermotor tepat waktu sesuai jatuh tempo yang ditentukan.	☐	☐	☐	☐	☐
18	Saya tidak pernah atau sangat jarang menunggak pembayaran pajak Kendaraan Bermotor.	☐	☐	☐	☐	☐
19	Saya memenuhi kewajiban pembayaran pajak Kendaraan Bermotor atas kesadaran dan kehendak sendiri, bukan hanya karena tekanan atau ancaman.	☐	☐	☐	☐	☐

20	Saya mengetahui seluruh kewajiban administrasi terkait pajak Kendaraan Bermotor (misalnya dokumen, jatuh tempo, dan prosedur).	☐	☐	☐	☐	☐
21	Saya belum atau tidak pernah menerima surat peringatan atau teguran resmi terkait tunggakan atau kelalaian pembayaran pajak Kendaraan Bermotor.	☐	☐	☐	☐	☐

Lampiran 6. Dokumentasi



Dokumentasi 1 : Pembagian & Pengisian Kuesioner



Dokumentasi 2 : Pengambilan Data Dokumen

Lampiran 7. Hasil Tabulasi Responden

Tabulasi Responden (X1)

Variabel X1					
No. Responden	Item Pernyataan				Jumlah
1	4	4	3	3	14
2	5	5	5	5	20
3	4	3	4	3	14
4	5	5	5	5	20
5	3	1	4	5	13
6	4	4	4	4	16
7	4	5	5	5	19
8	2	4	3	3	12
9	3	4	3	3	13
10	1	2	3	4	10
11	3	2	2	2	9
12	1	2	2	3	8
13	3	2	4	3	12
14	2	2	1	1	6
15	3	3	4	5	15
16	4	4	4	3	15
17	1	1	3	5	10
18	3	3	2	2	10
19	1	2	1	2	6
20	4	4	4	5	17
21	1	3	4	4	12
22	3	3	3	3	12
23	5	4	4	4	17
24	3	3	3	3	12
25	2	4	2	3	11
26	4	3	3	2	12
27	3	3	3	3	12
28	5	5	5	5	20
29	4	4	4	4	16
30	5	5	5	5	20
31	4	2	5	5	16
32	4	5	2	4	15

33	4	5	4	4	17
34	4	4	4	4	16
35	2	3	4	5	14
36	1	5	1	1	8
37	1	2	1	2	6
38	1	2	1	2	6
39	3	3	3	4	13
40	4	5	5	4	18
41	5	5	5	5	20
42	3	3	3	3	12
43	1	4	1	3	9
44	4	4	4	4	16
45	2	3	3	3	11
46	2	2	2	3	9
47	3	3	3	4	13
48	3	4	4	4	15
49	3	3	4	4	14
50	3	4	4	5	16
51	3	3	3	4	13
52	5	4	5	4	18
53	5	4	5	4	18
54	5	5	5	5	20
55	5	5	5	5	20
56	5	5	5	5	20
57	5	5	5	5	20
58	3	3	3	3	12
59	1	3	3	3	10
60	4	4	4	2	14
61	4	2	4	1	11
62	2	3	3	4	12
63	2	1	2	1	6
64	4	4	4	3	15
65	4	4	4	4	16
66	5	4	5	4	18
67	5	5	5	4	19
68	4	5	4	4	17
69	4	4	4	4	16
70	4	5	5	4	18
71	5	5	5	5	20

72	4	5	5	4	18
73	4	3	3	5	15
74	2	2	3	3	10
75	2	3	2	5	12
76	5	5	3	4	17
77	1	2	2	1	6
78	3	4	2	4	13
79	1	2	3	4	10
80	3	3	3	3	12
81	2	4	3	3	12
82	4	4	3	3	14
83	2	2	2	2	8
84	2	2	3	2	9
85	4	4	5	5	18
86	4	4	4	4	16
87	2	4	3	3	12
88	3	4	4	3	14
89	2	4	3	3	12
90	1	4	5	5	15
91	4	4	4	3	15
92	3	3	3	3	12
93	2	3	2	3	10
94	4	4	3	2	13
95	4	4	3	2	13
96	3	3	4	3	13
97	3	4	3	3	13
98	3	4	5	5	17
99	2	4	2	4	12
100	5	3	4	4	16

Tabulasi Responden (X2)

Variabel X2							
No. Responden	Item Pernyataan						Jumlah
1	5	5	5	5	5	5	30
2	5	5	5	5	5	5	30
3	4	3	4	3	4	3	21
4	5	5	5	5	4	5	29
5	3	5	4	5	5	5	27
6	4	4	4	4	4	4	24
7	2	1	3	3	3	5	17
8	4	4	4	4	4	4	24
9	4	4	4	4	4	4	24
10	5	4	3	2	1	2	17
11	5	5	4	2	1	1	18
12	3	3	3	2	2	2	15
13	3	2	3	4	3	4	19
14	5	4	3	3	4	3	22
15	1	2	3	4	5	3	18
16	1	5	5	5	5	3	24
17	5	4	5	4	5	5	28
18	3	3	3	3	3	3	18
19	1	2	1	2	1	2	9
20	4	4	4	3	3	3	21
21	3	4	3	3	3	3	19
22	2	3	3	3	3	3	17
23	5	5	5	4	4	4	27
24	3	3	3	3	4	3	19
25	4	5	5	5	5	4	28
26	3	3	3	3	3	3	18
27	3	3	3	3	3	3	18
28	5	5	5	5	5	5	30
29	4	4	4	4	4	4	24
30	5	5	5	5	5	5	30
31	5	4	3	3	1	2	18
32	5	5	5	4	4	4	27
33	4	4	4	4	3	4	23
34	4	5	5	4	4	4	26
35	3	4	2	3	1	1	14

36	1	1	1	1	1	1	6
37	1	2	1	1	1	1	7
38		1	2	1	2	1	7
39	4	4	4	4	4	4	24
40	4	5	5	4	4	5	27
41	5	5	5	5	5	5	30
42	3	3	3	3	3	3	18
43	4	4	4	5	5	5	27
44	3	4	4	4	4	4	23
45	3	3	3	3	3	4	19
46	3	3	3	4	4	4	21
47	4	4	4	4	4	4	24
48	3	4	4	4	4	4	23
49	4	4	4	4	4	3	23
50	5	5	5	5	5	4	29
51	4	4	4	4	3	3	22
52	5	5	5	5	5	5	30
53	5	5	5	5	5	5	30
54	5	5	5	5	5	5	30
55	5	5	5	5	5	5	30
56	5	5	5	5	5	4	29
57	4	5	4	4	4	4	25
58	4	4	4	4	4	4	24
59	1	2	3	3	3	3	15
60	5	5	4	4	5	5	28
61	5	5	4	4	4	3	25
62	2	3	2	1	2	1	11
63	1	2	1	2	1	2	9
64	3	4	4	4	4	4	23
65	4	4	4	4	4	4	24
66	5	4	5	4	5	4	27
67	5	5	5	5	5	5	30
68	4	4	4	4	4	5	25
69	4	4	4	5	5	5	27
70	5	4	4	5	5	4	27
71	5	5	5	5	5	4	29
72	4	5	5	4	4	5	27
73	4	1	5	3	4	3	20
74	3	4	2	1	5	3	18

75	3	5	1	3	2	4	18
76	4	3	2	3	4	3	19
77	1	2	3	2	1	5	14
78	3	4	2	4	5	1	19
79	5	4	5	4	5	2	25
80	3	3	3	4	3	4	20
81	5	4	5	4	5	4	27
82	4	5	5	4	4	4	26
83	3	3	3	3	3	3	18
84	3	3	3	3	3	3	18
85	4	5	5	4	5	5	28
86	4	4	4	3	3	3	21
87	4	4	4	4	4	4	24
88	4	4	4	3	4	4	23
89	5	5	5	4	4	4	27
90	4	4	4	5	5	5	27
91	3	3	3	3	3	3	18
92	3	4	4	4	4	4	23
93	3	4	3	3	3	3	19
94	3	3	3	3	3	3	18
95	4	4	3	3	3	3	20
96	4	4	4	4	4	4	24
97	4	3	4	5	5	3	24
98	3	4	4	4	4	4	23
99	4	4	4	5	5	5	27
100	5	4	5	3	4	5	26

Tabulasi Responden (X3)

Variabel X3						
No. Responden	Item Pernyataan					Jumlah
1	4	5	5	3	3	20
2	5	5	5	5	5	25
3	4	2	4	2	4	16
4	3	4	4	4	4	19
5	4	4	4	5	5	22
6	4	3	4	3	5	19
7	4	3	4	4	3	18
8	3	3	4	4	4	18
9	4	4	3	4	4	19
10	1	2	3	2	1	9
11	1	1	2	2	4	10
12	1	1	1	1	1	5
13	2	2	2	3	3	12
14	1	2	3	4	5	15
15	5	3	2	3	4	17
16	4	2	5	5	3	19
17	1	2	3	4	5	15
18	3	2	2	2	3	12
19	1	2	3	3	5	14
20	4	3	3	4	3	17
21	4	4	5	3	4	20
22	3	3	3	3	3	15
23	4	4	3	3	3	17
24	4	3	4	3	3	17
25	5	4	3	3	3	18
26	3	3	3	3	3	15
27	3	3	3	3	3	15
28	5	5	5	5	5	25
29	4	4	4	4	4	20
30	4	4	4	5	5	22
31	1	2	2	3	4	12
32	4	4	4	4	5	21
33	4	4	4	3	4	19
34	4	4	4	4	4	20
35	1	1	1	1	1	5

36	1	1	1	1	1	5
37	1	1	1	1	1	5
38	1	2	1	1	1	6
39	3	3	3	4	4	17
40	4	4	3	5	4	20
41	5	5	5	5	5	25
42	2	2	2	2	2	10
43	4	4	4	5	5	22
44	2	3	3	3	3	14
45	3	3	3	2	3	14
46	3	3	2	2	2	12
47	4	4	4	4	4	20
48	4	4	4	4	4	20
49	4	5	3	4	3	19
50	4	4	4	4	5	21
51	4	4	3	3	4	18
52	5	5	5	5	5	25
53	4	5	5	5	5	24
54	5	5	5	5	5	25
55	4	5	5	3	5	22
56	3	4	4	4	4	19
57	5	5	5	4	4	23
58	3	3	3	3	3	15
59	1	3	3	3	3	13
60	5	5	4	4	5	23
61	4	1	4	1	5	15
62	2	2	1	2	2	9
63	2	1	2	1	2	8
64	4	3	4	4	3	18
65	4	4	4	4	4	20
66	5	4	5	4	5	23
67	4	5	5	5	4	23
68	5	5	5	5	4	24
69	4	4	5	4	4	21
70	4	4	3	5	5	21
71	5	5	5	5	5	25
72	4	4	3	5	4	20
73	1	3	1	3	2	10
74	5	5	4	4	2	20

75	3	2	3	2	3	13
76	2	2	3	1	3	11
77	1	2	1	2	3	9
78	1	3	1	4	4	13
79	1	2	3	2	3	11
80	4	4	4	4	4	20
81	3	4	3	4	4	18
82	3	4	4	4	5	20
83	2	2	2	3	3	12
84	2	2	2	2	2	10
85	3	5	5	5	3	21
86	4	4	4	4	4	20
87	4	5	4	4	4	21
88	5	5	4	4	3	21
89	3	4	4	5	5	21
90	4	4	4	5	5	22
91	4	4	4	4	4	20
92	3	3	3	3	4	16
93	3	3	2	2	2	12
94	3	2	3	3	3	14
95	2	2	3	3	3	13
96	3	3	4	4	4	18
97	5	5	5	5	5	25
98	4	3	4	4	4	19
99	4	4	5	5	5	23
100	5	3	5	3	5	21

Tabulasi Responden (Y)

Variabel Y							
No. Responden	Item Pernyataan						Jumlah
1	1	4	4	5	4	5	23
2	5	5	5	5	5	5	30
3	2	4	3	4	3	5	21
4	4	4	4	5	4	4	25
5	2	4	5	5	5	5	26
6	4	3	4	5	4	5	25
7	1	5	5	5	1	1	18
8	4	3	4	3	3	3	20
9	4	4	4	3	3	4	22
10	5	3	4	3	2	3	20
11	1	3	2	2	1	1	10
12	3	3	2	1	1	3	13
13	1	2	3	2	2	3	13
14	1	2	2	1	1	1	8
15	1	2	1	3	4	3	14
16	3	2	1	5	5	1	17
17	5	5	4	5	3	1	23
18	3	3	3	3	3	3	18
19	1	2	2	2	1	1	9
20	3	4	4	4	2	4	21
21	1	3	4	3	3	4	18
22	2	3	4	2	2	3	16
23	2	4	4	4	4	5	23
24	3	3	3	4	3	3	19
25	4	4	4	4	4	4	24
26	3	3	3	3	3	3	18
27	3	3	3	3	3	3	18
28	5	5	5	5	5	5	30
29	4	4	4	4	3	4	23
30	5	5	5	5	4	4	28
31	5	4	1	2	2	3	17
32	2	5	5	4	5	4	25
33	3	5	5	5	4	5	27
34	4	4	4	4	4	4	24
35	1	1	1	1	1	1	6

36	1	1	1	1	1	1	6
37	1	2	1	2	1	2	9
38	1	2	1	2	1	2	9
39	2	4	4	3	3	5	21
40	3	4	3	4	4	5	23
41	5	5	5	5	5	5	30
42	3	3	3	3	3	3	18
43	5	4	5	4	5	4	27
44	4	4	4	4	4	4	24
45	3	3	4	4	4	4	22
46	3	3	3	3	3	3	18
47	3	3	4	4	3	3	20
48	4	4	4	5	5	5	27
49	2	3	4	4	4	5	22
50	3	4	5	5	3	4	24
51	2	3	5	3	4	5	22
52	5	5	5	5	5	5	30
53	4	5	5	5	5	5	29
54	5	5	5	5	5	5	30
55	5	5	5	5	5	5	30
56	4	4	4	3	5	5	25
57	2	4	4	5	4	5	24
58	3	3	3	4	4	4	21
59	1	3	3	5	1	4	17
60	4	4	4	4	4	4	24
61	5	4	4	4	3	3	23
62	3	2	3	2	3	2	15
63	2	1	2	1	2	1	9
64	3	4	4	4	3	4	22
65	4	4	4	4	4	4	24
66	5	4	5	4	5	4	27
67	3	4	4	5	5	5	26
68	4	4	4	5	5	4	26
69	2	4	4	4	4	4	22
70	4	4	3	4	4	5	24
71	5	5	5	5	5	5	30
72	3	4	3	4	3	4	21
73	3	2	3	3	4	3	18
74	1	1	3	4	3	4	16

75	3	4	5	5	2	3	22
76	3	5	3	4	2	5	22
77	2	2	2	1	1	1	9
78	1	2	1	2	3	2	11
79	1	1	3	4	3	3	15
80	3	3	3	3	3	3	18
81	5	5	5	5	5	5	30
82	5	5	4	4	4	4	26
83	4	4	4	4	4	4	24
84	3	3	3	3	3	3	18
85	4	4	4	4	4	4	24
86	3	3	3	3	3	3	18
87	5	5	5	5	5	5	30
88	4	5	5	4	4	4	26
89	4	4	4	5	4	4	25
90	4	4	5	5	4	4	26
91	2	2	2	4	4	4	18
92	3	4	4	4	4	4	23
93	3	3	4	4	4	3	21
94	3	3	4	4	4	4	22
95	3	3	4	3	3	3	19
96	4	4	4	3	4	3	22
97	5	5	4	4	4	4	26
98	4	4	4	5	5	5	27
99	5	5	5	5	5	5	30
100	5	4	3	4	5	3	24

SmartPLS report

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Final results

5. Path coefficients

Matrix

	X1	X2	X3	Y
X1				
X2				0.104
X3				0.498
Y				0.323

List

coefficients	
X1 -> Y	0.104
X2 -> Y	0.498
X3 -> Y	0.323

6. Indirect effects

The model does not contain indirect effects.

7. Total effects

Matrix

	X1	X2	X3	Y
X1				0.104
X2				0.498
X3				0.323
Y				

List

total effects	
X1 -> Y	0.104
X2 -> Y	0.498
X3 -> Y	0.323

8. Outer loadings

Matrix

	X1	X2	X3	Y
X1.1	0.843			
X1.2	0.796			
X1.3	0.885			
X1.4	0.756			
X2.1		0.755		
X2.2		0.791		
X2.3		0.903		
X2.4		0.898		
X2.5		0.851		
X2.6		0.806		
X3.1			0.862	
X3.2			0.891	
X3.4			0.899	
X3.5			0.870	
X3.6			0.789	
Y.1				0.732
Y.2				0.863
Y.3				0.859
Y.4				0.863
Y.5				0.842
Y.6				0.825

List

outer loadings	
X1.1 <- X1	0.843
X1.2 <- X1	0.796
X1.3 <- X1	0.885
X1.4 <- X1	0.756
X2.1 <- X2	0.755
X2.2 <- X2	0.791
X2.3 <- X2	0.903
X2.4 <- X2	0.898
X2.5 <- X2	0.851
X2.6 <- X2	0.806
X3.1 <- X3	0.862
X3.2 <- X3	0.891

X3.4 <- X3	0.899
X3.5 <- X3	0.870
X3.6 <- X3	0.789
Y.1 <- Y	0.732
Y.2 <- Y	0.863
Y.3 <- Y	0.859
Y.4 <- Y	0.863
Y.5 <- Y	0.842
Y.6 <- Y	0.825

9. Outer weights

Matrix

	X1	X2	X3	Y
X1.1	0.296			
X1.2	0.325			
X1.3	0.317			
X1.4	0.280			
X2.1		0.174		
X2.2		0.180		
X2.3		0.208		
X2.4		0.213		
X2.5		0.202		
X2.6		0.217		
X3.1			0.237	
X3.2			0.248	
X3.4			0.248	
X3.5			0.216	
X3.6			0.208	
Y.1				0.160
Y.2				0.206
Y.3				0.197
Y.4				0.215
Y.5				0.222
Y.6				0.197

List

Outer weights	
X1.1 <- X1	0.296
X1.2 <- X1	0.325
X1.3 <- X1	0.317
X1.4 <- X1	0.280
X2.1 <- X2	0.174
X2.2 <- X2	0.180
X2.3 <- X2	0.208
X2.4 <- X2	0.213
X2.5 <- X2	0.202
X2.6 <- X2	0.217
X3.1 <- X3	0.237

X3.2 <- X3	0.248
X3.4 <- X3	0.248
X3.5 <- X3	0.216
X3.6 <- X3	0.208
Y.1 <- Y	0.160
Y.2 <- Y	0.206
Y.3 <- Y	0.197
Y.4 <- Y	0.215
Y.5 <- Y	0.222
Y.6 <- Y	0.197

10. Latent variables

Scores

	X1	X2	X3	Y
0	0.054	1.360	0.595	0.433
1	1.648	1.360	1.509	1.459
2	0.028	-0.288	-0.237	0.014
3	1.648	1.190	0.360	0.633
4	-0.306	0.866	0.909	0.907
5	0.583	0.280	0.337	0.606
6	1.416	-0.909	0.152	-0.399
7	-0.411	0.280	0.152	-0.273
8	-0.179	0.280	0.334	0.080
9	-0.998	-1.060	-1.545	-0.333
10	-1.314	-0.890	-1.412	-1.853
11	-1.527	-1.365	-2.354	-1.473
12	-0.508	-0.575	-1.023	-1.364
13	-2.076	-0.155	-0.448	-2.229
14	0.300	-0.731	-0.082	-1.160
15	0.331	0.370	0.335	-0.690
16	-1.048	0.984	-0.448	0.274
17	-1.011	-0.799	-1.021	-0.566
18	-2.056	-2.390	-0.630	-2.043
19	0.836	-0.286	-0.057	-0.036
20	-0.418	-0.627	0.570	-0.473
21	-0.482	-0.951	-0.422	-0.882
22	0.816	0.794	-0.031	0.368
23	-0.482	-0.630	-0.030	-0.379
24	-0.688	1.016	0.152	0.447
25	-0.501	-0.799	-0.422	-0.566
26	-0.482	-0.799	-0.422	-0.566
27	1.648	1.360	1.509	1.459
28	0.583	0.280	0.543	0.266
29	1.648	1.360	0.909	1.116
30	0.507	-0.856	-1.022	-0.846
31	0.333	0.794	0.727	0.748
32	0.886	0.111	0.361	1.037
33	0.583	0.643	0.543	0.447
34	0.067	-1.542	-2.354	-2.591
35	-1.400	-2.958	-2.354	-2.591
36	-2.056	-2.786	-2.354	-2.052

37	-2.056	-2.186	-2.146	-2.052
38	-0.229	0.280	-0.057	0.000
39	1.163	0.835	0.516	0.316
40	1.648	1.360	1.509	1.459
41	-0.482	-0.799	-1.388	-0.566
42	-1.198	0.846	0.909	0.921
43	0.583	0.129	-0.605	0.447
44	-0.714	-0.607	-0.604	0.137
45	-1.294	-0.234	-0.997	-0.566
46	-0.229	0.280	0.543	-0.207
47	0.351	0.129	0.543	0.977
48	0.048	0.088	0.358	0.178
49	0.603	1.167	0.727	0.504
50	-0.229	-0.082	0.152	0.164
51	1.093	1.360	1.509	1.459
52	1.093	1.360	1.326	1.339
53	1.648	1.360	1.509	1.459
54	1.648	1.360	0.962	1.459
55	1.648	1.167	0.360	0.604
56	1.648	0.452	1.143	0.554
57	-0.482	0.280	-0.422	-0.036
58	-0.947	-1.274	-0.789	-0.634
59	0.078	0.965	1.118	0.447
60	-0.780	0.411	-0.443	0.224
61	-0.462	-2.103	-1.597	-1.104
62	-2.102	-2.390	-1.778	-2.117
63	0.331	0.129	0.152	0.145
64	0.583	0.280	0.543	0.447
65	1.093	0.791	1.119	0.921
66	1.396	1.360	1.142	0.856
67	0.886	0.473	1.325	0.814
68	0.583	0.846	0.752	0.205
69	1.163	0.805	0.699	0.437
70	1.648	1.167	1.509	1.459
71	1.163	0.835	0.516	-0.027
72	0.256	-0.441	-1.390	-0.574
73	-1.017	-0.886	0.567	-0.837
74	-0.486	-0.813	-0.812	0.160
75	0.842	-0.669	-1.177	0.144
76	-2.032	-1.431	-1.597	-2.108
77	-0.203	-0.660	-0.842	-1.690
78	-0.998	0.406	-1.178	-1.000
79	-0.482	-0.403	0.543	-0.566
80	-0.411	0.791	0.151	1.459
81	0.054	0.643	0.543	0.757
82	-1.547	-0.799	-1.023	0.447
83	-1.270	-0.799	-1.388	-0.566
84	1.113	1.005	0.776	0.447
85	0.583	-0.286	0.543	-0.566
86	-0.411	0.280	0.751	1.459
87	0.098	0.076	0.751	0.809
88	-0.411	0.794	0.725	0.633
89	0.415	0.846	0.909	0.805
90	0.331	-0.799	0.543	-0.518

91		-0.482	0.129	-0.239	0.326
92		-0.991	-0.627	-0.997	-0.026
93		-0.198	-0.799	-0.630	0.137
94		-0.198	-0.476	-0.813	-0.393
95		-0.205	0.280	0.152	0.098
96		-0.179	0.289	1.509	0.757
97		0.880	0.129	0.335	0.977
98		-0.436	0.846	1.118	1.459
99		0.513	0.611	0.729	0.414

Correlations

	X1	X2	X3	Y
X1	1.000	0.684	0.690	0.668
X2	0.684	1.000	0.825	0.836
X3	0.690	0.825	1.000	0.805
Y	0.668	0.836	0.805	1.000

Covariances

	X1	X2	X3	Y
X1	1.000	0.684	0.690	0.668
X2	0.684	1.000	0.825	0.836
X3	0.690	0.825	1.000	0.805
Y	0.668	0.836	0.805	1.000

Descriptives

	Mean	Median	Served min	Served max	ations used	d deviation	less kurtosis	Skewness	est statistic	ises p value
X1	0.000	-0.075	-2.102	1.648	100,000	1.000	-0.565	-0.148	0.080	0.202
X2	0.000	0.205	-2.958	1.360	100,000	1.000	0.299	-0.747	0.213	0.004
X3	0.000	0.243	-2.354	1.509	100,000	1.000	-0.372	-0.584	0.272	0.001
Y	0.000	0.162	-2.591	1.459	100,000	1.000	0.087	-0.711	0.222	0.003

11. Residuals

Outer model scores

Case index	X1.1	X1.2	X1.3	X1.4	X2.1	X2.2	X2.3	X2.4	X2.5	X2.6	X3.1	X3.2	X3.4	X3.5	X3.6	Y.1	Y.2	Y.3	Y.4	Y.5	Y.6
0	0.583	0.386	-0.459	-0.547	0.083	0.011	-0.110	0.031	-0.111	0.103	0.029	0.851	0.790	-0.905	-1.052	-1.952	0.030	-0.049	0.711	0.067	0.757
1	0.025	0.050	-0.122	0.054	0.083	0.011	-0.110	0.031	-0.111	0.103	0.015	0.037	-0.032	-0.015	-0.008	0.311	0.062	-0.059	-0.174	0.017	-0.089
2	0.605	-0.526	0.439	-0.527	0.455	-0.592	0.462	-0.401	0.454	-0.345	0.746	-0.919	0.694	-1.024	0.487	-0.892	0.391	-0.562	0.205	-0.395	1.102
3	0.025	0.050	-0.122	0.054	0.211	0.145	0.043	0.183	-0.804	0.240	-0.542	0.223	0.157	0.142	0.016	0.162	-0.143	-0.221	0.539	-0.102	-0.233
4	0.101	-2.127	0.734	1.532	-1.288	0.401	-0.581	0.474	0.309	0.501	-0.241	-0.266	-0.336	0.507	0.466	-1.546	-0.379	0.416	0.302	0.482	0.366
5	0.137	-0.035	-0.053	-0.044	0.026	-0.088	-0.051	0.045	-0.029	0.085	0.252	-0.593	0.178	-0.680	0.917	0.182	-1.038	-0.198	0.562	-0.079	0.614
6	-0.565	0.235	0.084	0.230	-0.819	-2.007	0.107	0.157	0.147	1.932	0.411	-0.428	0.344	0.323	-0.702	-1.343	1.666	1.538	1.429	-1.675	-1.859

7	-0.596	0.757	-0.047	-0.195	0.026	-0.088	-0.051	0.045	-0.029	0.085	-0.363	-0.429	0.344	0.323	0.180	0.825	-0.279	0.557	-0.416	-0.153	-0.312
8	-0.007	0.571	-0.253	-0.371	0.026	-0.088	-0.051	0.045	-0.029	0.085	0.254	0.246	-0.663	0.164	0.036	0.567	0.335	0.255	-0.720	-0.450	0.223
9	-0.888	-0.643	0.473	1.151	1.910	0.972	0.243	-0.663	-1.399	-0.611	-0.448	0.247	1.026	0.114	-1.128	1.622	-0.227	0.609	-0.364	-0.917	-0.262
10	0.951	-0.391	-0.121	-0.416	1.781	1.791	1.005	-0.816	-1.544	-1.637	-0.563	-0.709	0.063	-0.002	1.414	-0.279	1.086	0.171	0.080	-0.450	-0.659
11	-0.441	-0.221	0.067	0.648	0.397	0.260	0.518	-0.389	-0.303	-0.366	0.249	0.130	0.065	-0.026	-0.490	0.949	0.757	-0.157	-1.116	-0.771	0.678
12	0.271	-1.033	0.913	-0.122	-0.200	-1.318	-0.195	0.813	-0.138	0.774	-0.125	-0.219	-0.287	0.502	0.224	-0.637	-0.255	0.623	-0.342	-0.048	0.588
13	0.807	0.216	-0.321	-0.743	1.227	0.256	-0.574	-0.520	0.342	-0.452	-1.394	-0.731	0.040	0.844	1.536	-0.004	0.492	0.494	-0.464	-0.134	-0.349
14	-0.410	-0.743	0.198	1.073	-1.825	-1.195	-0.054	0.953	1.669	0.012	1.386	-0.220	-1.133	-0.316	0.365	-0.786	-0.431	-1.298	0.350	1.408	0.420
15	0.350	0.166	0.170	-0.756	-2.656	0.794	0.784	0.920	0.732	-0.875	0.253	-1.429	1.023	1.006	-0.847	0.377	-0.836	-1.702	1.680	1.827	-1.618
16	-0.845	-1.536	0.517	2.093	0.367	-0.645	0.229	-0.588	0.209	0.406	-1.394	-0.731	0.040	0.844	1.536	1.178	1.085	0.087	0.848	-0.614	-2.414
17	0.695	0.301	-0.390	-0.645	-0.030	-0.187	0.007	0.058	0.053	0.067	0.648	-0.220	-0.288	-0.342	0.224	0.286	-0.026	-0.064	-0.163	0.094	-0.070
18	-0.076	-0.236	-0.277	0.669	0.453	0.359	0.459	-0.403	-0.385	-0.347	0.591	-0.242	-0.311	0.505	-0.537	-0.102	0.435	0.354	0.248	-1.166	0.319
19	-1.376	-0.171	0.833	0.713	-0.160	0.630	-0.148	-0.096	-0.094	-0.072	0.050	0.036	0.812	-0.884	-0.150	-1.289	-0.106	0.729	-0.243	0.015	0.679
20	0.249	-0.120	0.016	-0.142	-0.788	-0.068	0.144	0.194	0.182	0.189	0.132	0.083	0.017	-0.020	-0.249	-0.237	0.247	1.081	-0.758	-0.454	0.190
21	0.726	-0.221	-0.259	-0.219	0.510	0.459	0.401	-0.417	-0.467	-0.329	0.569	0.572	-0.334	-0.360	-0.558	-1.151	0.086	0.007	-0.100	0.122	0.811
22	0.249	-0.016	0.016	-0.322	-0.158	-0.322	-0.146	-0.094	0.745	-0.070	0.568	-0.266	0.508	-0.361	-0.559	0.149	-0.187	-0.224	0.544	-0.063	-0.224
24	-0.363	0.977	-0.676	0.014	-0.529	0.283	0.200	0.340	0.181	-0.508	1.185	0.409	-0.499	-0.520	-0.702	0.298	0.018	-0.061	-0.168	0.055	-0.080
25	1.051	-0.105	0.033	-1.030	-0.030	-0.187	0.007	0.058	0.053	0.067	0.132	0.083	0.017	-0.020	-0.249	0.286	-0.026	-0.064	-0.163	0.094	-0.070
26	0.249	-0.120	0.016	-0.142	-0.030	-0.187	0.007	0.058	0.053	0.067	0.132	0.083	0.017	-0.020	-0.249	0.286	-0.026	-0.064	-0.163	0.094	-0.070
27	0.025	0.050	-0.122	0.054	0.083	0.011	-0.110	0.031	-0.111	0.103	0.015	0.037	-0.032	-0.015	-0.008	0.311	0.062	-0.059	-0.174	0.017	-0.089
28	0.137	-0.035	-0.053	-0.044	0.026	-0.088	-0.051	0.045	-0.029	0.085	0.074	0.060	-0.007	-0.017	-0.129	0.431	0.174	0.094	-0.012	-0.606	0.070
29	0.025	0.050	-0.122	0.054	0.083	0.011	-0.110	0.031	-0.111	0.103	-0.241	-0.266	-0.336	0.507	0.466	0.563	0.359	0.237	-0.508	-0.631	0.319
30	0.202	-1.840	0.889	0.917	1.756	0.811	0.059	0.110	-1.573	-0.776	-0.899	-0.219	-0.288	0.502	1.107	1.998	1.135	-1.568	-0.789	-0.484	0.161
31	0.348	1.097	-1.579	0.146	0.510	0.459	0.401	-0.417	-0.467	-0.329	-0.084	-0.103	-0.172	-0.177	0.609	-1.429	0.677	0.553	-0.428	0.616	-0.328
32	-0.119	0.657	-0.322	-0.273	0.154	0.046	0.102	0.197	-0.722	0.222	0.230	0.222	0.156	-0.702	0.015	-0.887	0.427	0.305	0.191	-0.441	0.260
33	0.137	-0.035	-0.053	-0.044	-0.247	0.578	0.537	-0.281	-0.338	-0.207	0.074	0.060	-0.007	-0.017	-0.129	0.298	0.018	-0.061	-0.168	0.055	-0.080
34	-1.000	-0.558	0.404	1.249	0.530	1.353	-0.238	0.726	-0.989	-1.111	0.249	0.130	0.065	-0.026	-0.490	0.260	-0.114	-0.068	-0.152	0.170	-0.051
35	-0.549	2.477	-0.920	-1.254	-0.144	-0.386	0.124	0.086	0.217	0.030	0.249	0.130	0.065	-0.026	-0.490	0.260	-0.114	-0.068	-0.152	0.170	-0.051
36	0.005	0.200	-0.338	0.145	-0.274	0.431	-0.031	-0.069	0.070	-0.108	0.249	0.130	0.065	-0.026	-0.490	-0.134	0.340	-0.531	0.252	-0.283	0.330
37	0.005	0.200	-0.338	0.145	1.650	-0.997	0.343	-0.608	0.396	-0.592	0.069	0.782	-0.121	-0.206	-0.654	-0.134	0.340	-0.531	0.252	-0.283	0.330
38	0.036	-0.321	-0.208	0.571	0.026	-0.088	-0.051	0.045	-0.029	0.085	-0.183	-0.242	-0.312	0.505	0.345	-0.882	0.404	0.323	-0.651	-0.383	1.114
39	-0.352	0.436	0.307	-0.482	-0.393	0.426	0.364	-0.454	-0.502	0.526	0.097	0.084	-0.827	0.849	-0.107	-0.360	0.131	-0.822	-0.056	0.165	0.854
40	0.025	0.050	-0.122	0.054	0.083	0.011	-0.110	0.031	-0.111	0.103	0.015	0.037	-0.032	-0.015	-0.008	0.311	0.062	-0.059	-0.174	0.017	-0.089
41	0.249	-0.120	0.016	-0.142	-0.030	-0.187	0.007	0.058	0.053	0.067	0.130	0.107	0.041	-0.023	-0.370	0.286	-0.026	-0.064	-0.163	0.094	-0.070
42	-0.719	1.383	-1.098	0.399	-0.401	-0.536	-0.562	0.493	0.326	0.517	-0.241	-0.266	-0.336	0.507	0.466	0.705	-0.391	0.404	-0.578	0.470	-0.471
43	0.137	-0.035	-0.053	-0.044	-0.731	0.031	0.085	0.181	0.100	0.207	-0.484	0.247	0.181	0.139	-0.105	0.298	0.018	-0.061	-0.168	0.055	-0.080
44	-0.341	0.065	0.222	0.034	-0.176	-0.340	-0.167	-0.115	-0.111	0.800	0.289	0.246	0.181	-0.704	-0.105	-0.228	-0.632	0.205	0.099	0.316	0.176
45	0.148	-0.407	-0.139	0.473	-0.458	-0.635	-0.504	0.506	0.408	0.499	0.627	0.595	-0.310	-0.363	-0.678	0.286	-0.026	-0.064	-0.163	0.094	-0.070
46	0.036	-0.321	-0.208	0.571	0.026	-0.088	-0.051	0.045	-0.029	0.085	0.074	0.060	-0.007	-0.017	-0.129	0.023	-0.335	0.501	0.396	-0.208	-0.366
47	-0.453	0.150	0.132	0.132	-0.731	0.031	0.085	0.181	0.100	0.207	0.074	0.060	-0.007	-0.017	-0.129	-0.089	-0.439	-0.517	0.242	0.423	0.309
48	-0.197	-0.542	0.421	0.361	0.172	0.064	0.122	0.218	0.135	-0.648	0.233	1.062	-0.685	0.143	-0.865	-1.012	-0.668	0.170	0.063	0.281	0.967
49	-0.666	-0.051	-0.071	0.844	0.228	0.163	0.064	0.204	0.053	-0.630	-0.084	-0.103	-0.172	-0.177	0.609	-0.497	-0.031	0.763	0.651	-0.806	-0.126
50	0.036	-0.321	-0.208	0.571	0.299	0.198	0.275	0.370	-0.558	-0.511	0.411	0.409	-0.499	-0.520	-0.180	-1.002	-0.656	1.054	-0.793	0.293	0.979
51	0.493	-0.441	0.370	-0.429	0.083	0.011	-0.110	0.031	-0.111	0.103	0.015	0.037	-0.032	-0.015	-0.008	0.311	0.062	-0.059	-0.174	0.017	-0.089
52	0.493	-0.441	0.370	-0.429	0.083	0.011	-0.110	0.031	-0.111	0.103	-0.601	0.200	0.133	0.144	0.136	-0.354	0.167	0.045	-0.070	0.119	0.011
53	0.025	0.050	-0.122	0.054	0.083	0.011	-0.110	0.031	-0.111	0.103	0.015	0.037	-0.032	-0.015	-0.008	0.311	0.062	-0.059	-0.174	0.017	-0.089
54	0.025	0.050	-0.122	0.054	0.083	0.011	-0.110	0.031	-0.111	0.103	-0.287	0.524	0.460	-1.224	0.424	0.216	0.183	-0.118	-0.174	0.017	-0.089
55	0.025	0.050	-0.122	0.054	0.083	0.011	-0.110	0.031	-0.111	0.103	-0.542	0.223	0.157	0.142	0.016	0.183	-0.118	-0.196	-1.172	0.737	0.616
56	0.025	0.050	-0.122	0.054	-0.104	0.729	-0.207	-0.110	-0.176	-0.053	0.330	0.362	0.297	-0.540	-0.602	-1.287	-0.074	-0.153	0.607	-0.035	0.658
57	0.249	-0.120	0.016	-0.142	0.026	-0.088	-0.051	0.045	-0.029	0.085	0.132	0.083	0.017	-0.020	-0.249	-0.102	-0.483	-0.519	0.248	0.461	0.318
58	-0.930	0.250	0.428	0.210	-1.415	-0.765	0.436	0.485	0.457	0.449	-1.100	0.440	0.346	0.298	0.040	-0.005	0.033	-0.005	1.632	-1.477	0.812
59	0.562	0.367	0.394	-1.468	0.381	0.323	-0.670	-0.571	0.224	0.421	0.352	0.385	-0.524	-0.517	0.301	0.298	0.018	-0.061	-0.168	0.055	-0.080
60	1.286	-0.816	1.154	-1.722	0.799	0.762	-0.169	-0.073	-0.141	-0.908	0.924	-1.572	0.879	-1.687	1.532	1.215	0.211	0.130	0.024	-0.571	-0.721

61	-0.553	-0.136	-0.002	0.746	0.082	0.844	0.268	-0.683	0.326	-0.659	0.371	0.293	-0.614	0.159	-0.205	0.680	-0.479	0.399	-0.566	0.547	-0.452
62	0.829	-0.696	0.577	-0.723	-0.573	0.118	-0.389	0.531	-0.267	0.460	0.526	-0.383	0.392	-0.526	-0.062	0.667	-0.523	0.397	-0.561	0.585	-0.442
63	0.350	0.166	0.170	-0.756	-0.731	0.031	0.085	0.181	0.100	0.207	0.411	-0.428	0.344	0.323	-0.702	-0.234	0.279	0.198	0.092	-0.505	0.169
64	0.137	-0.035	-0.053	-0.044	0.026	-0.088	-0.051	0.045	-0.029	0.085	0.074	0.060	-0.007	-0.017	-0.129	0.298	0.018	-0.061	-0.168	0.055	-0.080
65	0.493	-0.441	0.370	-0.429	0.512	-0.493	0.403	-0.415	0.372	-0.327	0.351	0.050	0.319	-0.518	0.300	0.705	-0.391	0.404	-0.578	0.470	-0.471
66	0.238	0.251	0.101	-0.658	0.083	0.011	-0.110	0.031	-0.111	0.103	-0.443	0.363	0.298	0.304	-0.601	-0.754	-0.335	-0.413	0.347	0.525	0.409
67	-0.119	0.657	-0.322	-0.273	-0.119	-0.240	-0.225	-0.128	-0.193	0.818	0.173	0.200	0.133	0.145	-0.746	0.030	-0.299	-0.377	0.383	0.560	-0.382
68	0.137	-0.035	-0.053	-0.044	-0.401	-0.536	-0.562	0.493	0.326	0.517	-0.107	-0.126	0.648	-0.199	-0.294	-1.032	0.227	0.147	0.040	0.259	0.120
69	-0.352	0.436	0.307	-0.482	0.502	-0.503	-0.525	0.430	0.361	-0.338	-0.061	-0.079	-0.991	0.689	0.631	0.306	0.027	-0.926	-0.160	0.063	0.754
70	0.025	0.050	-0.122	0.054	0.228	0.163	0.064	0.204	0.053	-0.630	0.015	0.037	-0.032	-0.015	-0.008	0.311	0.062	-0.059	-0.174	0.017	-0.089
71	-0.352	0.436	0.307	-0.482	-0.393	0.426	0.364	-0.454	-0.502	0.526	0.097	0.084	-0.827	0.849	-0.107	-0.108	0.428	-0.526	0.241	-0.360	0.311
72	0.413	-0.708	-0.637	1.107	0.571	-2.377	1.516	-0.263	0.585	-0.222	-0.582	0.946	-0.800	0.822	-0.368	0.292	-0.937	-0.056	-0.156	0.915	-0.063
73	-0.085	-0.627	0.490	0.263	0.035	0.835	-0.830	-1.776	1.801	0.137	0.827	0.875	-0.029	-0.038	-1.912	-1.023	-1.628	0.170	0.939	0.322	0.979
74	-0.533	-0.117	-0.854	1.668	-0.020	1.730	-1.812	0.071	-0.772	0.966	0.468	-0.406	0.367	-0.524	0.059	-0.245	0.266	1.058	0.947	-1.331	-0.668
75	0.704	0.692	-1.157	-0.239	0.743	-0.290	-1.026	-0.059	0.779	-0.038	0.009	-0.091	0.696	-1.049	0.347	-0.233	1.198	-0.673	0.093	-1.318	0.996
76	-0.016	0.181	0.473	1.151	0.802	-0.188	0.751	-0.069	0.700	-1.793	-0.764	-0.080	0.697	-0.205	0.347	-0.904	-1.487	0.310	1.080	0.459	0.288
77	0.249	-0.120	0.016	-0.142	-0.330	-0.501	-0.351	0.659	-0.285	0.636	0.074	0.060	-0.007	-0.017	-0.129	0.286	-0.026	-0.064	-0.163	0.094	-0.070
78	-0.596	0.757	-0.047	-0.195	0.512	-0.493	0.403	-0.415	0.372	-0.327	-0.362	0.410	-0.498	0.324	0.181	0.311	0.062	-0.059	-0.174	0.017	-0.089
79	0.583	0.386	-0.459	-0.547	-0.247	0.578	0.537	-0.281	-0.338	-0.207	-0.701	0.060	-0.018	-0.018	0.754	0.825	0.668	-0.328	-0.436	-0.206	-0.335
80	0.361	-0.205	0.085	-0.240	-0.030	-0.187	0.007	0.058	0.053	0.067	-0.125	-0.219	-0.287	0.502	0.224	0.298	0.018	-0.061	-0.168	0.055	-0.080
81	0.128	-0.426	0.714	-0.449	-0.030	-0.187	0.007	0.058	0.053	0.067	0.190	0.107	0.041	-0.023	-0.370	0.286	-0.026	-0.064	-0.163	0.094	-0.070
82	-0.309	-0.457	0.352	0.459	-0.521	0.292	0.211	-0.606	0.191	0.390	-0.901	0.690	0.627	0.623	-1.194	0.298	0.018	-0.061	-0.168	0.055	-0.080
83	0.137	-0.035	-0.053	-0.044	0.453	0.359	0.459	-0.403	-0.385	-0.347	0.074	0.060	-0.007	-0.017	-0.129	0.286	-0.026	-0.064	-0.163	0.094	-0.070
84	-0.596	0.757	-0.047	-0.195	0.026	-0.088	-0.051	0.045	-0.029	0.085	-0.106	0.712	-0.194	-0.198	-0.293	0.311	0.062	-0.059	-0.174	0.017	-0.089
85	-0.240	0.351	0.376	-0.580	0.180	0.073	0.133	-0.728	0.144	0.249	0.668	0.712	-0.194	-0.198	-1.175	0.034	0.624	0.501	-0.480	-0.249	-0.378
86	-0.596	0.757	-0.047	-0.195	0.510	0.459	0.401	-0.417	-0.467	-0.329	-0.857	-0.102	-0.171	0.667	0.610	0.162	-0.143	-0.221	0.539	-0.102	-0.233
87	-2.078	0.099	0.970	0.987	-0.401	-0.536	-0.562	0.493	0.326	0.517	-0.241	-0.266	-0.336	0.507	0.466	0.036	-0.291	0.503	0.390	-0.247	-0.375
88	0.350	0.166	0.170	-0.756	-0.030	-0.187	0.007	0.058	0.053	0.067	0.074	0.060	-0.007	-0.017	-0.129	-0.502	-0.985	-0.977	0.664	0.868	0.716
89	-0.249	-0.120	0.016	-0.142	-0.731	0.031	0.085	0.181	0.100	0.207	-0.026	-0.080	-0.148	-0.180	0.489	-0.367	0.123	0.043	-0.064	0.157	0.020
90	-0.107	0.285	-0.407	0.243	-0.160	0.630	-0.148	-0.096	-0.094	-0.072	0.627	0.595	-0.310	-0.363	-0.678	-0.109	-0.492	0.345	0.239	0.453	-0.515
91	0.796	0.587	-0.235	-1.259	0.597	0.510	-0.285	-0.232	-0.222	-0.194	0.311	-0.568	0.204	0.161	-0.085	0.059	-0.175	0.661	-0.312	-0.051	-0.212
92	0.016	-0.341	0.645	-0.351	0.026	-0.088	-0.051	0.045	-0.029	0.085	-0.363	-0.429	0.344	0.323	0.180	0.554	0.319	0.239	-0.735	0.349	-0.617
93	-0.007	-0.271	-0.253	-0.371	0.020	-1.048	-0.059	0.993	0.800	-0.810	0.015	0.037	-0.032	-0.015	-0.008	0.825	0.668	-0.328	-0.436	-0.206	-0.335
94	-0.899	-0.271	0.558	0.635	-0.731	0.031	0.085	0.181	0.100	0.207	0.253	-0.592	0.179	0.163	0.035	-0.089	-0.439	-0.517	0.242	0.423	0.309
95	-0.576	0.776	-0.899	0.727	-0.401	-0.536	-0.562	0.493	0.326	0.517	-0.422	-0.452	0.320	0.325	0.300	0.311	0.062	-0.059	-0.174	0.017	-0.089
96	0.982	-0.912	0.009	0.010	0.648	-0.350	0.566	-1.208	-0.311	0.707	0.687	-0.942	0.669	-1.022	0.607	1.076	0.047	-0.905	-0.140	0.897	-0.878

Outer model correlations

	X1.1	X1.2	X1.3	X1.4	X2.1	X2.2	X2.3	X2.4	X2.5	X2.6	X3.1	X3.2	X3.4	X3.5	X3.6	Y.1	Y.2	Y.3	Y.4	Y.5	Y.6
X1.1	1.000	-0.143	-0.140	-0.604	0.170	0.047	0.067	-0.143	-0.062	-0.081	0.154	-0.198	0.125	-0.257	0.138	0.045	0.109	-0.165	-0.192	0.155	0.024
X1.2	-0.143	1.000	-0.633	-0.440	-0.107	-0.054	-0.085	0.077	0.096	0.065	0.025	0.163	-0.086	0.032	-0.121	-0.050	0.072	0.018	-0.029	-0.020	0.016
X1.3	-0.140	-0.633	1.000	-0.003	-0.067	0.001	0.120	-0.055	-0.097	0.095	0.029	-0.163	0.136	0.005	-0.003	0.108	-0.150	-0.022	0.062	-0.021	0.017
X1.4	-0.604	-0.440	-0.003	1.000	0.021	0.017	-0.064	0.085	0.029	-0.075	-0.185	0.129	-0.126	0.185	0.013	-0.073	-0.051	0.142	0.149	-0.096	-0.052
X2.1	0.170	-0.107	-0.067	0.001	1.000	0.209	0.090	0.090	-0.369	-0.465	-0.180	0.072	0.067	-0.162	0.084	0.076	-0.298	0.079	-0.267	0.075	0.075
X2.2	0.047	-0.054	0.001	0.017	0.209	1.000	-0.162	-0.249	-0.421	-0.402	0.005	-0.079	0.137	-0.086	0.020	0.055	-0.001	-0.004	-0.049	-0.030	0.030
X2.3	0.067	-0.085	0.120	-0.064	0.090	-0.162	1.000	-0.299	-0.230	-0.228	-0.062	0.029	-0.011	0.110	-0.049	0.101	0.003	-0.129	-0.040	0.116	-0.071
X2.4	-0.143	0.077	-0.055	0.085	-0.493	-0.249	-0.299	1.000	0.162	-0.004	-0.030	-0.130	-0.107	0.122	0.131	-0.095	-0.061	-0.097	0.043	0.155	0.029
X2.5	-0.062	0.096	-0.097	0.029	-0.369	-0.421	-0.230	0.162	1.000	-0.097	0.151	0.073	-0.132	0.068	-0.150	-0.232	-0.323	-0.181	0.246	0.323	0.106

X2.6	-0.081	0.065	0.095	-0.075	-0.465	-0.402	-0.228	-0.004	-0.097	1.000	0.096	0.017	0.018	-0.004	-0.117	-0.075	0.130	0.244	0.099	-0.198	-0.152
X3.1	0.154	0.025	0.029	-0.185	-0.180	0.005	-0.062	-0.030	0.151	0.096	1.000	-0.002	-0.046	-0.542	-0.447	-0.123	-0.186	-0.022	0.018	0.117	0.172
X3.2	-0.198	0.163	-0.163	0.129	0.072	-0.079	0.029	-0.130	0.073	0.017	-0.002	1.000	-0.372	0.000	-0.564	-0.227	-0.171	0.049	-0.132	0.055	0.407
X3.4	0.125	-0.086	0.136	-0.126	0.067	0.137	-0.011	-0.107	-0.132	0.018	-0.046	-0.372	1.000	-0.420	-0.129	0.007	0.007	0.110	0.253	-0.172	-0.175
X3.5	-0.257	0.032	0.005	0.185	-0.162	-0.086	0.110	0.122	0.068	-0.004	-0.542	0.000	-0.420	1.000	0.033	0.119	0.031	-0.103	0.022	0.092	-0.174
X3.6	0.138	-0.121	-0.003	0.013	0.184	0.020	-0.049	0.131	-0.150	-0.117	-0.447	-0.564	-0.129	0.033	1.000	0.211	0.294	-0.031	-0.135	-0.089	-0.227
Y.1	0.045	-0.050	0.108	-0.073	0.246	0.055	0.101	-0.095	-0.232	-0.075	-0.123	-0.227	0.007	0.119	0.211	1.000	0.145	-0.214	-0.422	-0.040	-0.468
Y.2	0.109	0.072	-0.150	-0.051	0.204	-0.001	0.003	-0.061	-0.323	0.130	-0.186	-0.171	0.007	0.031	0.294	0.145	1.000	0.066	-0.201	-0.618	-0.274
Y.3	-0.165	0.018	-0.022	0.142	0.079	-0.004	-0.129	-0.097	-0.181	0.244	-0.022	0.049	0.110	-0.103	-0.031	-0.214	0.066	1.000	-0.121	-0.424	-0.183
Y.4	-0.192	-0.029	0.062	0.149	-0.298	-0.049	-0.040	0.043	0.246	0.099	0.018	-0.132	0.253	0.022	-0.135	-0.422	-0.201	-0.121	1.000	-0.104	-0.151
Y.5	0.155	-0.020	-0.021	-0.096	-0.267	-0.030	0.116	0.155	0.323	-0.198	0.117	0.055	-0.172	0.092	-0.089	-0.040	-0.618	-0.424	-0.104	1.000	0.025
Y.6	0.024	0.016	0.017	-0.052	0.075	0.030	-0.071	0.029	0.106	-0.152	0.172	0.407	-0.175	-0.174	-0.227	-0.468	-0.274	-0.183	-0.151	0.025	1.000

Outer model descriptives

	Mean	Median	served min	served max	ations used	d deviation	less kurtosis	Skewness	est statistic	ises p value
X1.1	0.000	0.025	-2.078	1.286	100,000	0.538	1.550	-0.595	0.224	0.003
X1.2	0.000	0.007	-2.127	2.477	100,000	0.605	3.844	-0.010	0.214	0.003
X1.3	0.000	-0.047	-1.579	1.154	100,000	0.465	1.289	-0.436	0.239	0.002
X1.4	0.000	-0.044	-1.722	2.093	100,000	0.655	0.937	0.373	0.204	0.005
X2.1	0.000	0.026	-2.656	1.910	100,000	0.656	3.623	-0.298	0.482	0.000
X2.2	0.000	0.011	-2.377	1.791	100,000	0.612	3.231	-0.488	0.299	0.000
X2.3	0.000	0.007	-1.812	1.516	100,000	0.430	3.811	-0.445	0.381	0.000
X2.4	0.000	0.045	-1.776	0.993	100,000	0.439	2.253	-0.576	0.393	0.000
X2.5	0.000	-0.029	-1.573	1.801	100,000	0.525	3.363	0.195	0.497	0.000
X2.6	0.000	0.085	-1.822	2.353	100,000	0.592	3.876	0.120	0.473	0.000
X3.1	0.000	0.074	-1.394	1.386	100,000	0.507	0.811	-0.418	0.220	0.003
X3.2	0.000	0.060	-1.572	1.062	100,000	0.454	1.461	-0.532	0.197	0.006
X3.4	0.000	-0.007	-1.294	1.026	100,000	0.438	0.613	-0.219	0.188	0.007
X3.5	0.000	-0.017	-1.687	1.187	100,000	0.493	1.021	-0.480	0.308	0.000
X3.6	0.000	-0.008	-1.912	1.679	100,000	0.614	1.119	0.267	0.145	0.027
Y.1	0.000	0.172	-1.952	1.998	100,000	0.682	0.653	-0.325	0.440	0.000
Y.2	0.000	0.018	-1.628	1.666	100,000	0.505	2.100	-0.036	0.333	0.000
Y.3	0.000	-0.059	-1.702	1.538	100,000	0.511	1.933	-0.441	0.403	0.000
Y.4	0.000	-0.154	-1.172	1.680	100,000	0.506	1.738	0.831	0.409	0.000
Y.5	0.000	0.036	-1.675	1.827	100,000	0.540	2.152	-0.202	0.348	0.000
Y.6	0.000	-0.070	-2.414	1.114	100,000	0.566	3.583	-0.929	0.353	0.000

Inner model scores

	Y
0	-0.442
1	0.124
2	0.231
3	-0.247
4	0.214
5	0.298
6	-0.141
7	-0.419
8	-0.149
9	0.798
10	-0.818

11		0.125
12		-0.695
13		-1.792
14		-0.801
15		-1.017
16		0.037
17		0.267
18		-0.435
19		0.038
20		-0.300
21		-0.222
22		-0.102
23		-0.006
24		-0.037
25		0.021
26		0.019
27		0.124
28		-0.110
29		-0.026
30		-0.142
31		0.083
32		0.773
33		-0.109
34		-1.070
35		-0.212
36		0.309
37		-0.057
38		-0.097
39		-0.387
40		0.124
41		0.330
42		0.331
43		0.517
44		0.708
45		0.007
46		-0.498
47		0.701
48		0.014
49		-0.375
50		0.180
51		0.182
52		0.120
53		0.124
54		0.301
55		-0.265
56		-0.211
57		0.011
58		0.353
59		-0.403
60		0.243
61		0.507
62		-0.134
63		-0.003
64		0.071

65		0.052
66		-0.335
67		0.059
68		-0.520
69		-0.310
70		0.220
71		-0.731
72		0.068
73		-0.473
74		0.878
75		0.770
76		-0.669
77		-1.069
78		-0.719
79		-0.490
80		1.059
81		0.256
82		1.336
83		0.412
84		-0.420
85		-0.659
86		1.120
87		0.518
88		0.046
89		0.048
90		-0.329
91		0.389
92		0.711
93		0.759
94		0.127
95		-0.070
96		0.145
97		0.713
98		0.722
99		-0.179

Inner model correlation

γ	1.000
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Inner model descriptives

γ	Mean	Median	served min	served max	ations used	d deviation	less kurtosis	Skewness	est statistic	ses p value
γ	0.000	0.020	-1.792	1.336	100.000	0.504	1.170	-0.240	0.117	0.064

12. R-square

Overview

	R-square	re adjusted
Y	0.746	0.738

13. f-square

Matrix

	X1	X2	X3	Y
X1				0.020
X2				0.288
X3				0.119
Y				

List

	f-square
X1 -> Y	0.020
X2 -> Y	0.288
X3 -> Y	0.119

14. Construct reliability and validity

Overview

	ach's alpha	lity (rho_a)	lity (rho_c)	acted (AVE)
X1	0.838	0.841	0.892	0.675
X2	0.913	0.918	0.933	0.699
X3	0.914	0.918	0.936	0.745
Y	0.910	0.916	0.931	0.692

15. Discriminant validity

Heterotrait-monotrait ratio (HTMT) - Matrix

	X1	X2	X3	Y
X1				
X2	0.781			
X3	0.783	0.899		
Y	0.758	0.910	0.874	

Heterotrait-monotrait ratio (HTMT) - List

tio (HTMT)	
X2 <=> X1	0.781
X3 <-> X1	0.783
X3 <=> X2	0.899
Y <-> X1	0.758
Y <=> X2	0.910
Y <-> X3	0.874

Fornell-Larcker criterion

	X1	X2	X3	Y
X1	0.822			
X2	0.684	0.836		
X3	0.690	0.825	0.863	
Y	0.668	0.836	0.805	0.832

Cross loadings

	X1	X2	X3	Y
X1.1	0.843	0.579	0.567	0.532
X1.2	0.796	0.541	0.610	0.583
X1.3	0.885	0.610	0.615	0.569
X1.4	0.756	0.515	0.463	0.502
X2.1	0.496	0.755	0.516	0.606
X2.2	0.538	0.791	0.625	0.630
X2.3	0.632	0.903	0.690	0.726
X2.4	0.637	0.898	0.757	0.744
X2.5	0.549	0.851	0.759	0.707
X2.6	0.567	0.806	0.758	0.757
X3.1	0.622	0.645	0.862	0.708
X3.2	0.643	0.733	0.891	0.744
X3.4	0.621	0.737	0.899	0.742
X3.5	0.605	0.738	0.870	0.647
X3.6	0.476	0.712	0.789	0.622
Y.1	0.419	0.584	0.497	0.732
Y.2	0.602	0.719	0.669	0.863
Y.3	0.479	0.686	0.675	0.859
Y.4	0.611	0.728	0.732	0.863
Y.5	0.589	0.767	0.752	0.842
Y.6	0.606	0.667	0.659	0.825

16. Collinearity statistics (VIF)

Outer model - List

	VIF
X1.1	2.521
X1.2	1.732
X1.3	3.031
X1.4	1.884
X2.1	2.426
X2.2	2.392
X2.3	3.803
X2.4	4.200
X2.5	3.115
X2.6	2.321
X3.1	3.166
X3.2	3.971
X3.4	3.401
X3.5	3.476
X3.6	2.327
Y.1	2.395
Y.2	3.746
Y.3	2.961
Y.4	2.981
Y.5	3.106
Y.6	2.683

Inner model - Matrix

	X1	X2	X3	Y
X1				2.074
X2				3.397
X3				3.450
Y				

Inner model - List

	VIF
X1 -> Y	2.074
X2 -> Y	3.397
X3 -> Y	3.450

17. Model fit

Fit summary

	Model	Standardized model
SRMR	0.069	0.069
d_ULS	1.087	1.087
d_G	0.958	0.958
Chi-square	488.447	488.447
NFI	0.756	0.756

18. Model selection criteria

Matrix

	n criterion
Y	-119.481

19. Setting

Data file

	Setting
Data file	DATA BARU
Missing value replacement	
Weighting v	-

PLS-SEM algorithm

	Setting
Max. number	3000
Stop criterion	10 ⁻⁷
Use Lohmode	No
Initial weight	1.0
Weighting s	Path
Type of residuals	standardized
Vary copula	yes

Construct outer weighting mode

	Setting
X1	UTOMATIC
X2	UTOMATIC
X3	UTOMATIC
Y	UTOMATIC

Algorithm

20. Stop criterion changes

Matrix

	X1.1	X1.2	X1.3	X1.4	X2.1	X2.2	X2.3	X2.4	X2.5	X2.6	X3.1	X3.2	X3.4	X3.5	X3.6	Y.1	Y.2	Y.3	Y.4	Y.5	Y.6
Iteration 1	0.305	0.305	0.305	0.305	0.200	0.200	0.200	0.200	0.200	0.200	0.232	0.232	0.232	0.232	0.232	0.201	0.201	0.201	0.201	0.201	0.201
Iteration 2	0.296	0.325	0.317	0.279	0.176	0.181	0.208	0.212	0.201	0.217	0.236	0.248	0.248	0.216	0.209	0.162	0.207	0.197	0.214	0.222	0.197
Iteration 3	0.296	0.325	0.317	0.280	0.174	0.180	0.208	0.213	0.202	0.217	0.237	0.248	0.248	0.216	0.208	0.161	0.206	0.197	0.215	0.222	0.197
Iteration 4	0.296	0.325	0.317	0.280	0.174	0.180	0.208	0.213	0.202	0.217	0.237	0.248	0.248	0.216	0.208	0.160	0.206	0.197	0.215	0.222	0.197
Iteration 5	0.296	0.325	0.317	0.280	0.174	0.180	0.208	0.213	0.202	0.217	0.237	0.248	0.248	0.216	0.208	0.160	0.206	0.197	0.215	0.222	0.197
Iteration 6	0.296	0.325	0.317	0.280	0.174	0.180	0.208	0.213	0.202	0.217	0.237	0.248	0.248	0.216	0.208	0.160	0.206	0.197	0.215	0.222	0.197
Iteration 7	0.296	0.325	0.317	0.280	0.174	0.180	0.208	0.213	0.202	0.217	0.237	0.248	0.248	0.216	0.208	0.160	0.206	0.197	0.215	0.222	0.197

21. Post-hoc power analysis

Achieved power

	coefficients	Alpha 1%	Alpha 5%
X1 -> Y	0.104	0.099	0.272
X2 -> Y	0.498	0.996	1.000
X3 -> Y	0.323	0.816	0.943

Required minimum sample size

	coefficients	power 80%	power 80%	power 90%	power 90%
X1 -> Y	0.104	933,000	575,000	1210,000	796,000
X2 -> Y	0.498	41,000	25,000	53,000	35,000
X3 -> Y	0.323	97,000	60,000	126,000	83,000

Required minimum effect size

	power	80%	power	80%

22. Execution log

Reading score matrix of complete data set

Processing missing values for scores of complete data set

Calculating full data set.

Running PLS-SEM iterations, at most 3000.

All calculations done.

Model and data

23. Inner model

	X1	X2	X3	Y
X1				1,000
X2				1,000
X3				1,000
Y				

24. Outer model

	X1	X2	X3	Y
X1.1	-1,000			
X1.2	-1,000			
X1.3	-1,000			
X1.4	-1,000			
X2.1		-1,000		
X2.2		-1,000		
X2.3		-1,000		
X2.4		-1,000		
X2.5		-1,000		
X2.6		-1,000		
X3.1			-1,000	
X3.2			-1,000	
X3.4			-1,000	
X3.5			-1,000	
X3.6			-1,000	
Y.1				-1,000
Y.2				-1,000
Y.3				-1,000
Y.4				-1,000
Y.5				-1,000
Y.6				-1,000

25. Indicator data (original)

Scores

Case index	X1.1	X1.2	X1.3	X1.4	X2.1	X2.2	X2.3	X2.4	X2.5	X2.6	X3.1	X3.2	X3.4	X3.5	X3.6	Y.1	Y.2	Y.3	Y.4	Y.5	Y.6
0	4000	4000	3000	3000	5000	5000	5000	5000	5000	5000	4000	5000	5000	3000	3000	3000	4000	4000	5000	4000	5000
1	5000	5000	5000	5000	5000	5000	5000	5000	5000	5000	5000	5000	5000	5000	5000	5000	5000	5000	5000	5000	5000
2	4000	3000	4000	3000	4000	3000	4000	3000	4000	3000	4000	2000	4000	2000	4000	2000	4000	3000	4000	3000	5000
3	5000	5000	5000	5000	5000	5000	5000	5000	4000	5000	3000	4000	4000	4000	4000	4000	4000	4000	5000	4000	4000
4	3000	1000	4000	5000	3000	5000	4000	5000	5000	5000	4000	4000	4000	5000	5000	2000	4000	4000	5000	5000	5000
5	4000	4000	4000	4000	4000	4000	4000	4000	4000	4000	4000	3000	4000	3000	3000	4000	3000	5000	5000	4000	5000
6	4000	5000	5000	5000	2000	1000	3000	3000	3000	5000	4000	3000	4000	4000	3000	1000	5000	5000	5000	1000	1000
7	2000	4000	3000	3000	4000	4000	4000	4000	4000	4000	3000	3000	4000	4000	4000	4000	3000	4000	3000	3000	3000
8	3000	4000	3000	3000	4000	4000	4000	4000	4000	4000	4000	4000	3000	4000	4000	4000	4000	4000	3000	3000	4000
9	1000	2000	3000	4000	5000	4000	3000	2000	1000	2000	1000	2000	3000	2000	1000	5000	3000	4000	3000	2000	3000
10	3000	2000	2000	2000	5000	5000	4000	2000	1000	1000	1000	1000	2000	2000	4000	1000	3000	2000	2000	1000	1000
11	1000	2000	2000	3000	3000	3000	3000	2000	2000	2000	1000	1000	1000	1000	1000	3000	3000	2000	1000	1000	3000
12	3000	2000	4000	3000	2000	2000	3000	4000	3000	4000	2000	2000	2000	3000	3000	1000	2000	3000	2000	2000	3000
13	2000	2000	1000	1000	5000	4000	3000	3000	4000	3000	1000	2000	3000	4000	4000	1000	2000	2000	1000	1000	1000
14	3000	3000	4000	5000	1000	2000	3000	4000	5000	3000	5000	3000	2000	3000	5000	1000	2000	1000	3000	4000	3000
15	4000	4000	4000	3000	1000	5000	5000	5000	5000	3000	4000	2000	5000	5000	3000	3000	2000	1000	5000	5000	1000
16	1000	1000	3000	5000	5000	4000	5000	4000	5000	5000	1000	2000	3000	4000	5000	5000	5000	4000	5000	3000	1000
17	3000	3000	2000	2000	3000	3000	3000	3000	3000	3000	3000	2000	2000	2000	3000	3000	3000	3000	3000	3000	3000
18	1000	2000	1000	2000	1000	2000	1000	2000	1000	2000	1000	2000	3000	3000	5000	1000	2000	2000	2000	1000	1000
19	4000	4000	4000	5000	4000	4000	4000	3000	3000	3000	4000	3000	3000	4000	3000	3000	4000	4000	4000	2000	4000
20	1000	3000	4000	4000	3000	4000	3000	3000	3000	3000	4000	4000	3000	3000	4000	1000	3000	4000	3000	4000	4000
21	3000	3000	3000	3000	2000	3000	3000	3000	3000	3000	3000	3000	3000	3000	3000	2000	3000	4000	2000	2000	3000
22	5000	4000	4000	4000	5000	5000	5000	4000	4000	4000	4000	4000	3000	3000	3000	2000	4000	4000	4000	4000	5000
23	3000	3000	3000	3000	3000	3000	3000	3000	4000	3000	4000	3000	4000	3000	3000	3000	3000	3000	4000	3000	3000
24	2000	4000	2000	3000	4000	5000	5000	5000	5000	4000	5000	4000	3000	3000	3000	4000	4000	4000	4000	4000	4000
25	4000	3000	3000	2000	3000	3000	3000	3000	3000	3000	3000	3000	3000	3000	3000	3000	3000	3000	3000	3000	3000
26	3000	3000	3000	3000	3000	3000	3000	3000	3000	3000	3000	3000	3000	3000	3000	3000	3000	3000	3000	3000	3000
27	5000	5000	5000	5000	5000	5000	5000	5000	5000	5000	5000	5000	5000	5000	5000	5000	5000	5000	5000	5000	5000
28	4000	4000	4000	4000	4000	4000	4000	4000	4000	4000	4000	4000	4000	4000	4000	4000	4000	4000	4000	4000	4000
29	5000	5000	5000	5000	5000	5000	5000	5000	5000	5000	4000	4000	4000	5000	5000	5000	5000	5000	5000	5000	4000
30	4000	2000	5000	5000	5000	4000	3000	3000	1000	2000	1000	2000	2000	3000	4000	5000	4000	4000	2000	3000	4000
31	4000	5000	2000	4000	5000	5000	5000	4000	4000	4000	4000	4000	4000	4000	5000	2000	5000	5000	4000	5000	4000
32	4000	5000	4000	4000	4000	4000	4000	4000	3000	4000	4000	4000	4000	3000	4000	4000	5000	5000	4000	5000	5000
33	4000	4000	4000	4000	4000	5000	5000	4000	4000	4000	4000	4000	4000	4000	4000	4000	4000	4000	4000	4000	4000
34	2000	3000	4000	5000	3000	4000	2000	3000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000
35	1000	5000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000
36	1000	2000	1000	2000	1000	2000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000
37	1000	2000	1000	2000	3727	1000	2000	1000	2000	1000	1000	2000	1000	1000	1000	1000	2000	1000	2000	1000	2000
38	3000	3000	3000	4000	4000	4000	4000	4000	4000	4000	3000	3000	3000	4000	4000	2000	4000	4000	3000	3000	5000
39	4000	5000	5000	4000	4000	5000	5000	4000	4000	5000	4000	4000	3000	5000	4000	4000	4000	3000	4000	5000	5000
40	5000	5000	5000	5000	5000	5000	5000	5000	5000	5000	5000	5000	5000	5000	5000	5000	5000	5000	5000	5000	5000
41	3000	3000	3000	3000	3000	3000	3000	3000	3000	3000	2000	2000	2000	2000	2000	3000	3000	3000	3000	3000	3000
42	1000	4000	1000	3000	4000	4000	4000	5000	5000	5000	4000	4000	4000	5000	5000	5000	4000	5000	4000	5000	4000
43	4000	4000	4000	4000	3000	4000	4000	4000	4000	4000	2000	3000	3000	3000	3000	3000	4000	4000	4000	4000	4000
44	2000	3000	3000	3000	3000	3000	3000	3000	3000	4000	3000	3000	3000	2000	3000	3000	3000	4000	4000	4000	4000
45	2000	2000	2000	3000	3000	3000	3000	4000	4000	4000	3000	3000	2000	2000	2000	3000	3000	3000	3000	3000	3000
46	3000	3000	3000	4000	4000	4000	4000	4000	4000	4000	4000	4000	4000	4000	4000	4000	3000	3000	4000	3000	3000
47	3000	4000	4000	4000	3000	4000	4000	4000	4000	4000	4000	4000	4000	4000	4000	4000	4000	5000	5000	5000	5000

Descriptives

	Mean	Median	served min	served max	ations used	d deviation	ess kurtosis	Skewness	est statistic	ises p value
X1.1	3,200	3,000	1,000	5,000	100,000	1,273	-0,968	-0,266	0,537	0,000
X1.2	3,540	4,000	1,000	5,000	100,000	1,072	-0,625	-0,378	0,721	0,000
X1.3	3,470	3,500	1,000	5,000	100,000	1,144	-0,587	-0,352	0,600	0,000
X1.4	3,560	4,000	1,000	5,000	100,000	1,107	-0,415	-0,446	0,651	0,000
X2.1	3,727	4,000	1,000	5,000	100,000	1,147	0,263	-0,856	0,776	0,000
X2.2	3,860	4,000	1,000	5,000	100,000	1,049	0,485	-0,928	1,005	0,000
X2.3	3,780	4,000	1,000	5,000	100,000	1,092	0,127	-0,767	0,787	0,000
X2.4	3,690	4,000	1,000	5,000	100,000	1,046	0,291	-0,730	0,841	0,000
X2.5	3,750	4,000	1,000	5,000	100,000	1,195	0,183	-0,931	0,888	0,000
X2.6	3,650	4,000	1,000	5,000	100,000	1,126	0,037	-0,723	0,753	0,000
X3.1	3,300	4,000	1,000	5,000	100,000	1,292	-0,767	-0,579	0,901	0,000
X3.2	3,350	3,500	1,000	5,000	100,000	1,195	-0,891	-0,281	0,596	0,000
X3.4	3,430	4,000	1,000	5,000	100,000	1,185	-0,506	-0,489	0,631	0,000
X3.5	3,460	4,000	1,000	5,000	100,000	1,187	-0,579	-0,487	0,640	0,000
X3.6	3,660	4,000	1,000	5,000	100,000	1,133	-0,200	-0,635	0,698	0,000
Y.1	3,170	3,000	1,000	5,000	100,000	1,327	-1,011	-0,214	0,495	0,000
Y.2	3,560	4,000	1,000	5,000	100,000	1,089	-0,286	-0,557	0,771	0,000
Y.3	3,630	4,000	1,000	5,000	100,000	1,146	0,063	-0,811	0,897	0,000
Y.4	3,750	4,000	1,000	5,000	100,000	1,152	-0,067	-0,809	0,859	0,000
Y.5	3,470	4,000	1,000	5,000	100,000	1,228	-0,455	-0,603	0,686	0,000
Y.6	3,650	4,000	1,000	5,000	100,000	1,211	-0,061	-0,803	0,778	0,000

26. Indicator data (standardized)

Matrix

Case index	X1.1	X1.2	X1.3	X1.4	X2.1	X2.2	X2.3	X2.4	X2.5	X2.6	X3.1	X3.2	X3.4	X3.5	X3.6	Y.1	Y.2	Y.3	Y.4	Y.5	Y.6
0	0.629	0.429	-0.411	-0.506	1.109	1.087	1.118	1.253	1.046	1.199	0.542	1.381	1.324	-0.388	-0.582	-1.635	0.404	0.323	1.085	0.431	1.114
1	1.414	1.362	1.337	1.300	1.109	1.087	1.118	1.253	1.046	1.199	1.315	1.381	1.324	1.298	1.182	1.379	1.322	1.196	1.085	1.245	1.114
2	0.629	-0.504	0.463	-0.506	0.238	-0.820	0.202	-0.660	0.209	-0.577	0.542	-1.130	0.481	-1.230	0.300	-0.882	0.404	-0.550	0.217	-0.383	1.114
3	1.414	1.362	1.337	1.300	1.109	1.087	1.118	1.253	0.209	1.199	-0.232	0.544	0.481	0.455	0.300	0.625	0.404	0.323	1.085	0.431	0.289
4	-0.157	-2.370	0.463	1.300	-0.634	1.087	0.202	1.253	1.046	1.199	0.542	0.544	0.481	1.298	1.182	-0.882	0.404	1.196	1.085	1.245	1.114
5	0.629	0.429	0.463	0.397	0.238	0.133	0.202	0.296	0.209	0.311	0.542	-0.293	0.481	-0.388	1.182	0.625	-0.514	0.323	1.085	0.431	1.114
6	-0.943	0.429	-0.411	-0.506	1.505	-2.726	-0.715	-0.660	-0.628	0.199	-0.232	-0.293	0.481	0.455	-0.582	-1.635	1.322	1.196	1.085	-2.011	-2.188
8	-0.157	0.429	-0.411	-0.506	0.238	0.133	0.202	0.296	0.209	0.311	0.542	0.544	-0.363	0.455	0.300	0.625	0.404	0.323	-0.651	-0.383	0.289
9	-1.728	-1.437	-0.411	0.397	1.109	0.133	-0.715	-1.616	-2.302	-1.466	-1.780	-1.130	-0.363	-1.230	-2.347	1.379	-0.514	0.323	-0.651	-1.197	-0.537
10	-0.157	-1.437	-1.285	-1.409	1.109	1.087	0.202	-1.616	-2.302	-2.354	-1.780	-1.967	-1.206	-1.230	0.300	-1.635	-0.514	-1.422	-1.519	-2.011	-2.188
11	-1.728	-1.437	-1.285	-0.506	-0.634	-0.820	-0.715	-1.616	-1.465	-1.466	-1.780	-1.967	-2.050	-2.073	-2.347	-0.128	-0.514	-1.422	-2.387	-2.011	-0.537

12	-0.157	-1.437	0.463	-0.506	-0.634	-1.773	-0.715	0.296	-0.628	0.311	-1.006	-1.130	-1.206	-0.388	-0.582	-1.635	-1.432	-0.550	-1.519	-1.197	-0.537
13	-0.943	-1.437	-2.159	-2.312	1.109	0.133	-0.715	-0.660	0.209	-0.577	-1.780	-1.130	-0.363	0.455	1.182	-1.635	-1.432	-1.422	-2.387	-2.011	-2.188
14	-0.157	-0.504	0.463	1.300	-2.377	-1.773	-0.715	0.296	1.046	-0.577	1.315	-0.293	-1.206	-0.388	0.300	-1.635	-1.432	-2.295	-0.651	0.431	-0.537
15	0.629	0.429	0.463	-0.506	-2.377	1.087	1.118	1.253	1.046	-0.577	0.542	-1.130	1.324	1.298	-0.582	-0.128	-1.432	-2.295	1.085	1.245	-2.188
16	-1.728	-2.370	-0.411	1.300	1.109	0.133	1.118	0.296	1.046	1.199	-1.780	-1.130	-0.363	0.455	1.182	1.379	1.322	0.323	1.085	-0.383	-2.188
17	-0.157	-0.504	-1.285	-1.409	-0.634	-0.820	-0.715	-0.660	-0.628	-0.577	-0.232	-1.130	-1.206	-1.230	-0.582	-0.128	-0.514	-0.550	-0.651	-0.383	-0.537
18	-1.728	-1.437	-2.159	-1.409	-2.377	-1.773	-2.547	-1.616	-2.302	-1.466	-1.780	-1.130	-0.363	-0.388	1.182	-1.635	-1.432	-1.422	-1.519	-2.011	-2.188
19	0.629	0.429	0.463	1.300	0.238	0.133	0.202	-0.660	-0.628	-0.577	0.542	-0.293	-0.363	0.455	-0.582	-0.128	0.404	0.323	0.217	-1.197	0.289
20	-1.728	-0.504	0.463	0.397	-0.634	0.133	-0.715	-0.660	-0.628	-0.577	0.542	0.544	1.324	-0.388	0.300	-1.635	-0.514	0.323	-0.651	-0.383	0.289
21	-0.157	-0.504	-0.411	-0.506	-1.505	-0.820	-0.715	-0.660	-0.628	-0.577	-0.232	-0.293	-0.363	-0.388	-0.582	-0.882	-0.514	0.323	-1.519	-1.197	-0.537
22	1.414	0.429	0.463	0.397	1.109	1.087	1.118	0.296	0.209	0.311	0.542	0.544	-0.363	-0.388	-0.582	-0.882	0.404	0.323	0.217	0.431	1.114
23	-0.157	-0.504	-0.411	-0.506	-0.634	-0.820	-0.715	-0.660	0.209	-0.577	0.542	-0.293	0.481	-0.388	-0.582	-0.128	-0.514	-0.550	0.217	-0.383	-0.537
24	-0.943	0.429	-1.285	-0.506	0.238	1.087	1.118	1.253	1.046	0.311	1.315	0.544	-0.363	-0.388	-0.582	0.625	0.404	0.323	0.217	0.431	0.289
25	0.629	-0.504	-0.411	-1.409	-0.634	-0.820	-0.715	-0.660	-0.628	-0.577	-0.232	-0.293	-0.363	-0.388	-0.582	-0.128	-0.514	-0.550	-0.651	-0.383	-0.537
26	-0.157	-0.504	-0.411	-0.506	-0.634	-0.820	-0.715	-0.660	-0.628	-0.577	-0.232	-0.293	-0.363	-0.388	-0.582	-0.128	-0.514	-0.550	-0.651	-0.383	-0.537
27	1.414	1.362	1.337	1.300	1.109	1.087	1.118	1.253	1.046	1.199	1.315	1.381	1.324	1.298	1.182	1.379	1.322	1.196	1.085	1.245	1.114
28	0.629	0.429	0.463	0.397	0.238	0.133	0.202	0.296	0.209	0.311	0.542	0.544	0.481	0.455	0.300	0.625	0.404	0.323	0.217	-0.383	0.289
29	1.414	1.362	1.337	1.300	1.109	1.087	1.118	1.253	1.046	1.199	0.542	0.544	0.481	1.298	1.182	1.379	1.322	1.196	1.085	0.431	0.289
30	0.629	-1.437	1.337	1.300	1.109	0.133	-0.715	-0.660	-2.302	-1.466	-1.780	-1.130	-1.206	-0.388	0.300	1.379	0.404	-2.295	-1.519	-1.197	-0.537
31	0.629	1.362	-1.285	0.397	1.109	1.087	1.118	0.296	0.209	0.311	0.542	0.544	0.481	0.455	1.182	-0.882	1.322	1.196	0.217	1.245	0.289
32	0.629	1.362	0.463	0.397	0.238	0.133	0.202	0.296	-0.628	0.311	0.542	0.544	0.481	-0.388	0.300	-0.128	1.322	1.196	1.085	0.431	1.114
33	0.629	0.429	0.463	0.397	0.238	1.087	1.118	0.296	0.209	0.311	0.542	0.544	0.481	0.455	0.300	0.625	0.404	0.323	0.217	0.431	0.289
34	-0.943	-0.504	0.463	1.300	-0.634	0.133	-1.631	-0.660	-2.302	-2.354	-1.780	-1.967	-2.050	-2.073	-2.347	-1.635	-2.350	-2.295	-2.387	-2.011	-2.188
35	-1.728	1.362	-2.159	-2.312	-2.377	-2.726	-2.547	-2.572	-2.302	-2.354	-1.780	-1.967	-2.050	-2.073	-2.347	-1.635	-2.350	-2.295	-2.387	-2.011	-2.188
36	-1.728	-1.437	-2.159	-1.409	-2.377	-1.773	-2.547	-2.572	-2.302	-2.354	-1.780	-1.967	-2.050	-2.073	-2.347	-1.635	-1.432	-2.295	-1.519	-2.011	-1.362
37	-1.728	-1.437	-2.159	-1.409	0.000	-2.726	-1.631	-2.572	-1.465	-2.354	-1.780	-1.130	-2.050	-2.073	-2.347	-1.635	-1.432	-2.295	-1.519	-2.011	-1.362
38	-0.157	-0.504	-0.411	0.397	0.238	0.133	0.202	0.296	0.209	0.311	-0.232	-0.293	-0.363	0.455	0.300	-0.882	0.404	0.323	-0.651	-0.383	1.114
39	0.629	1.362	1.337	0.397	0.238	1.087	1.118	0.296	0.209	1.199	0.542	0.544	-0.363	1.298	0.300	-0.128	0.404	-0.550	0.217	0.431	1.114
40	1.414	1.362	1.337	1.300	1.109	1.087	1.118	1.253	1.046	1.199	1.315	1.381	1.324	1.298	1.182	1.379	1.322	1.196	1.085	1.245	1.114
41	-0.157	-0.504	-0.411	-0.506	-0.634	-0.820	-0.715	-0.660	-0.628	-0.577	-1.006	-1.130	-1.206	-1.230	-1.465	-0.128	-0.514	-0.550	-0.651	-0.383	-0.537
42	-1.728	0.429	-2.159	-0.506	0.238	0.133	0.202	1.253	1.046	1.199	0.542	0.544	0.481	1.298	1.182	1.379	0.404	1.196	0.217	1.245	0.289
43	0.629	0.429	0.463	0.397	-0.634	0.133	0.202	0.296	0.209	0.311	-1.006	-0.293	-0.363	-0.388	-0.582	0.625	0.404	0.323	0.217	0.431	0.289
44	-0.943	-0.504	-0.411	-0.506	-0.634	-0.820	-0.715	-0.660	-0.628	-0.577	-0.232	-0.293	-0.363	-1.230	-0.582	-0.128	-0.514	-0.550	-0.651	-0.383	0.289
45	-0.943	-1.437	-1.285	-0.506	-0.634	-0.820	-0.715	0.296	0.209	0.311	-0.232	-0.293	-1.206	-1.230	-1.465	-0.128	-0.514	-0.550	-0.651	-0.383	-0.537
46	-0.157	-0.504	-0.411	0.397	0.238	0.133	0.202	0.296	0.209	0.311	0.542	0.544	0.481	0.455	0.300	-0.128	-0.514	0.323	0.217	-0.383	-0.537
47	-0.157	0.429	0.463	0.397	-0.634	0.133	0.202	0.296	0.209	0.311	0.542	0.544	0.481	0.455	0.300	0.625	0.404	0.323	1.085	1.245	1.114
48	-0.157	-0.504	0.463	0.397	0.238	0.133	0.202	0.296	0.209	-0.577	0.542	1.381	-0.363	0.455	-0.582	-0.882	-0.514	0.323	0.217	0.431	1.114
49	-0.157	0.429	0.463	1.300	1.109	1.087	1.118	1.253	1.046	0.311	0.542	0.544	0.481	0.455	1.182	-0.128	0.404	1.196	1.085	-0.383	0.289
50	-0.157	-0.504	-0.411	0.397	0.238	0.133	0.202	0.296	-0.628	-0.577	0.542	0.544	-0.363	-0.388	0.300	-0.882	-0.514	1.196	-0.651	0.431	1.114
51	1.414	0.429	1.337	0.397	1.109	1.087	1.118	1.253	1.046	1.199	1.315	1.381	1.324	1.298	1.182	1.379	1.322	1.196	1.085	1.245	1.114
52	1.414	0.429	1.337	0.397	1.109	1.087	1.118	1.253	1.046	1.199	0.542	1.381	1.324	1.298	1.182	0.625	1.322	1.196	1.085	1.245	1.114
53	1.414	1.362	1.337	1.300	1.109	1.087	1.118	1.253	1.046	1.199	1.315	1.381	1.324	1.298	1.182	1.379	1.322	1.196	1.085	1.245	1.114
54	1.414	1.362	1.337	1.300	1.109	1.087	1.118	1.253	1.046	1.199	0.542	1.381	1.324	-0.388	1.182	1.379	1.322	1.196	1.085	1.245	1.114
55	1.414	1.362	1.337	1.300	1.109	1.087	1.118	1.253	1.046	0.311	-0.232	0.544	0.481	0.455	0.300	0.625	0.404	0.323	-0.651	1.245	1.114

56	1.414	1.362	1.337	1.300	0.238	1.087	0.202	0.296	0.209	0.311	1.315	1.381	1.324	0.455	0.300	-0.882	0.404	0.323	1.085	0.431	1.114
57	-0.157	-0.504	-0.411	-0.506	0.238	0.133	0.202	0.296	0.209	0.311	-0.232	-0.293	-0.363	-0.388	-0.582	-0.128	-0.514	-0.550	0.217	0.431	0.289
58	-1.728	-0.504	-0.411	-0.506	-2.377	-1.773	-0.715	-0.660	-0.628	-0.577	-1.780	-0.293	-0.363	-0.388	-0.582	-1.635	-0.514	-0.550	1.085	-2.011	0.289
59	0.629	0.429	0.463	-1.409	1.109	1.087	0.202	0.296	1.046	1.199	1.315	1.381	1.324	0.455	1.182	0.625	0.404	0.323	0.217	0.431	0.289
60	0.629	-1.437	0.463	-2.312	1.109	1.087	0.202	0.296	0.209	-0.577	0.542	-1.967	0.481	-2.073	1.182	1.379	0.404	0.323	0.217	-0.383	-0.537
61	-0.943	-0.504	-0.411	0.397	-1.505	-0.820	-1.631	-2.572	-1.465	-2.354	-1.006	-1.130	-2.050	-1.230	-1.465	-0.128	-1.432	-0.550	-1.519	-0.383	-1.362
62	-0.943	-2.370	-1.285	-2.312	-2.377	-1.773	-2.547	-1.616	-2.302	-1.466	-1.006	-1.967	-1.206	-2.073	-1.465	-0.882	-2.350	-1.422	-2.387	-1.197	-2.188
63	0.629	0.429	0.463	-0.506	-0.634	0.133	0.202	0.296	0.209	0.311	0.542	-0.293	0.481	0.455	-0.582	-0.128	0.404	0.323	0.217	-0.383	0.289
64	0.629	0.429	0.463	0.397	0.238	0.133	0.202	0.296	0.209	0.311	0.542	0.544	0.481	0.455	0.300	0.625	0.404	0.323	0.217	0.431	0.289
65	1.414	0.429	1.337	0.397	1.109	0.133	1.118	0.296	1.046	0.311	1.315	0.544	1.324	0.455	1.182	1.379	0.404	1.196	0.217	1.245	0.289
66	1.414	1.362	1.337	0.397	1.109	1.087	1.118	1.253	1.046	1.199	0.542	1.381	1.324	1.298	0.300	-0.128	0.404	0.323	1.085	1.245	1.114
67	0.629	1.362	0.463	0.397	0.238	0.133	0.202	0.296	0.209	1.199	1.315	1.381	1.324	1.298	0.300	0.625	0.404	0.323	1.085	1.245	0.289
68	0.629	0.429	0.463	0.397	0.238	0.133	0.202	1.253	1.046	1.199	0.542	0.544	1.324	0.455	0.300	-0.882	0.404	0.323	0.217	0.431	0.289
69	0.629	1.362	1.337	0.397	1.109	0.133	0.202	1.253	1.046	0.311	0.542	0.544	-0.363	1.298	1.182	0.625	0.404	-0.550	0.217	0.431	1.114
70	1.414	1.362	1.337	1.300	1.109	1.087	1.118	1.253	1.046	0.311	1.315	1.381	1.324	1.298	1.182	1.379	1.322	1.196	1.085	1.245	1.114
71	0.629	1.362	1.337	0.397	0.238	1.087	1.118	0.296	0.209	1.199	0.542	0.544	-0.363	1.298	0.300	-0.128	0.404	-0.550	0.217	-0.383	0.289
72	0.629	-0.504	-0.411	1.300	0.238	-2.726	1.118	-0.660	0.209	-0.577	-1.780	-0.293	-2.050	-0.388	-1.465	-0.128	-1.432	-0.550	-0.651	0.431	-0.537
73	-0.943	-1.437	-0.411	-0.506	-0.634	0.133	-1.631	-2.572	1.046	-0.577	1.315	1.381	0.481	0.455	-1.465	-1.635	-2.350	-0.550	0.217	-0.383	0.289
74	-0.943	-0.504	-1.285	1.300	-0.634	1.087	-2.547	-0.660	-1.465	0.311	-0.232	-1.130	-0.363	-1.230	-0.582	-0.128	0.404	1.196	1.085	-1.197	-0.537
75	1.414	1.362	-0.411	0.397	0.238	-0.820	-1.631	-0.660	0.209	0.577	-1.006	-1.130	-0.363	-2.073	-0.582	-0.128	1.322	-0.550	0.217	-1.197	1.114
76	-1.728	-1.437	-1.285	-2.312	-2.377	-1.773	-0.715	-1.616	-2.302	1.199	-1.780	-1.130	-2.050	-1.230	-0.582	-0.882	-1.432	-1.422	-2.387	-2.011	-2.188
77	-0.157	0.429	-1.285	0.397	-0.634	0.133	-1.631	0.296	1.046	-2.354	-1.780	-0.293	-2.050	0.455	0.300	-1.635	-1.432	-2.295	-1.519	-0.383	-1.362
78	-1.728	-1.437	-0.411	0.397	1.109	0.133	1.118	0.296	1.046	-1.466	-1.780	-1.130	-0.363	-1.230	-0.582	-1.635	-2.350	-0.550	0.217	-0.383	-0.537
79	-0.157	-0.504	-0.411	-0.506	-0.634	-0.820	-0.715	0.296	-0.628	0.311	0.542	0.544	0.481	0.455	0.300	-0.128	-0.514	-0.550	-0.651	-0.383	-0.537
80	-0.943	0.429	-0.411	-0.506	1.109	0.133	1.118	0.296	1.046	0.311	-0.232	0.544	-0.363	0.455	0.300	1.379	1.322	1.196	1.085	1.245	1.114
81	0.629	0.429	-0.411	-0.506	0.238	1.087	1.118	0.296	0.209	0.311	-0.232	0.544	0.481	0.455	1.182	1.379	1.322	0.323	0.217	0.431	0.289
82	-0.943	-1.437	-1.285	-1.409	-0.634	-0.820	-0.715	-0.660	-0.628	-0.577	-1.006	-1.130	-1.206	-0.388	-0.582	0.625	0.404	0.323	0.217	0.431	0.289
83	-0.943	-1.437	-0.411	-1.409	-0.634	-0.820	-0.715	-0.660	-0.628	-0.577	-1.006	-1.130	-1.206	-1.230	-1.465	-0.128	-0.514	-0.550	-0.651	-0.383	-0.537
84	0.629	0.429	1.337	1.300	0.238	1.087	1.118	0.296	1.046	1.199	-0.232	1.381	1.324	1.298	-0.582	0.625	0.404	0.323	0.217	0.431	0.289
85	0.629	0.429	0.463	0.397	0.238	0.133	0.202	-0.660	-0.628	-0.577	0.542	0.544	0.481	0.455	0.300	-0.128	-0.514	-0.550	-0.651	-0.383	-0.537
86	-0.943	0.429	-0.411	-0.506	0.238	0.133	0.202	0.296	0.209	0.311	0.542	1.381	0.481	0.455	0.300	1.379	1.322	1.196	1.085	1.245	1.114
87	-0.157	0.429	0.463	-0.506	0.238	0.133	0.202	-0.660	0.209	0.311	1.315	1.381	0.481	0.455	-0.582	0.625	1.322	1.196	0.217	0.431	0.289
88	-0.943	0.429	-0.411	-0.506	1.109	1.087	1.118	0.296	0.209	0.311	-0.232	0.544	0.481	1.298	1.182	0.625	0.404	0.323	1.085	0.431	0.289
89	-1.728	0.429	1.337	1.300	0.238	0.133	0.202	1.253	1.046	1.199	0.542	0.544	0.481	1.298	1.182	0.625	0.404	1.196	1.085	0.431	0.289
90	0.629	0.429	0.463	-0.506	-0.634	-0.820	-0.715	-0.660	-0.628	-0.577	0.542	0.544	0.481	0.455	0.300	-0.882	-1.432	-1.422	0.217	0.431	0.289
91	-0.157	-0.504	-0.411	-0.506	-0.634	0.133	0.202	0.296	0.209	0.311	-0.232	-0.293	-0.363	-0.388	0.300	-0.128	0.404	0.323	0.217	0.431	0.289
92	-0.943	-0.504	-1.285	-0.506	-0.634	0.133	-0.715	-0.660	-0.628	-0.577	-1.006	-1.130	-0.363	-0.388	-0.582	-0.128	-0.514	0.323	0.217	0.431	-0.537
93	0.629	0.429	-0.411	-1.409	-0.634	-0.820	-0.715	-0.660	-0.628	-0.577	-0.232	-1.130	-0.363	-0.388	-0.582	-0.128	-0.514	0.323	0.217	0.431	0.289
94	0.629	0.429	-0.411	-1.409	0.238	0.133	0.202	0.296	-0.628	-0.577	-1.006	-1.130	-0.363	-0.388	-0.582	-0.128	-0.514	0.323	0.217	0.431	0.289
95	-0.157	-0.504	0.463	-0.506	0.238	0.133	0.202	0.296	0.209	0.311	-0.232	-0.293	0.481	0.455	0.300	0.625	0.404	0.323	0.217	0.431	-0.537
96	-0.157	0.429	-0.411	-0.506	0.238	-0.820	0.202	1.253	1.046	-0.577	1.315	1.381	1.324	1.298	1.182	1.379	1.322	0.323	0.217	0.431	0.289
97	-0.157	0.429	1.337	1.300	-0.634	0.133	0.202	0.296	0.209	0.311	0.542	-0.293	0.481	0.455	0.300	0.625	0.404	0.323	1.085	1.245	1.114
98	-0.943	0.429	-1.285	0.397	0.238	0.133	0.202	1.253	1.046	1.199	0.542	0.544	1.324	1.298	1.182	1.379	1.322	1.196	1.085	1.245	1.114
99	1.414	-0.504	0.463	0.397	1.109	0.133	1.118	-0.660	0.209	1.199	1.315	-0.293	1.324	-0.388	1.182	1.379	0.404	-0.550	0.217	1.245	-0.537

27. Indicator data (correlations)

Empirical correlation matrix

	X1.1	X1.2	X1.3	X1.4	X2.1	X2.2	X2.3	X2.4	X2.5	X2.6	X3.1	X3.2	X3.4	X3.5	X3.6	Y.1	Y.2	Y.3	Y.4	Y.5	Y.6
X1.1	1.000	0.625	0.711	0.424	0.479	0.470	0.550	0.505	0.447	0.454	0.553	0.480	0.540	0.429	0.435	0.347	0.511	0.332	0.436	0.515	0.493
X1.2	0.625	1.000	0.527	0.428	0.350	0.405	0.478	0.524	0.465	0.472	0.555	0.610	0.526	0.544	0.382	0.350	0.546	0.431	0.522	0.506	0.531
X1.3	0.711	0.527	1.000	0.668	0.422	0.480	0.587	0.556	0.466	0.531	0.561	0.538	0.581	0.540	0.424	0.389	0.479	0.400	0.537	0.497	0.523
X1.4	0.424	0.428	0.668	1.000	0.382	0.412	0.458	0.504	0.423	0.398	0.358	0.472	0.380	0.466	0.319	0.282	0.436	0.408	0.509	0.409	0.437
X2.1	0.479	0.350	0.422	0.382	1.000	0.681	0.707	0.536	0.516	0.428	0.335	0.480	0.480	0.412	0.527	0.533	0.589	0.523	0.429	0.464	0.511
X2.2	0.470	0.405	0.480	0.412	0.681	1.000	0.672	0.644	0.539	0.492	0.488	0.534	0.595	0.534	0.549	0.462	0.541	0.514	0.534	0.571	0.512
X2.3	0.550	0.478	0.587	0.458	0.707	0.672	1.000	0.755	0.717	0.670	0.522	0.619	0.614	0.642	0.586	0.537	0.625	0.566	0.624	0.696	0.562
X2.4	0.505	0.524	0.556	0.504	0.536	0.644	0.755	1.000	0.802	0.723	0.587	0.647	0.656	0.703	0.687	0.492	0.626	0.588	0.658	0.720	0.601
X2.5	0.447	0.465	0.466	0.423	0.516	0.539	0.717	0.802	1.000	0.656	0.638	0.692	0.648	0.695	0.602	0.412	0.523	0.531	0.681	0.741	0.596
X2.6	0.454	0.472	0.531	0.398	0.428	0.492	0.670	0.723	0.656	1.000	0.629	0.678	0.682	0.674	0.604	0.502	0.690	0.698	0.688	0.625	0.555
X3.1	0.553	0.555	0.561	0.358	0.335	0.488	0.522	0.587	0.638	0.629	1.000	0.767	0.764	0.614	0.541	0.396	0.541	0.588	0.648	0.692	0.629
X3.2	0.480	0.610	0.538	0.472	0.480	0.534	0.619	0.647	0.692	0.678	0.767	1.000	0.727	0.691	0.675	0.391	0.579	0.635	0.645	0.706	0.713
X3.4	0.540	0.526	0.581	0.380	0.480	0.595	0.614	0.656	0.648	0.682	0.764	0.727	1.000	0.691	0.675	0.462	0.619	0.647	0.730	0.651	0.564
X3.5	0.429	0.544	0.540	0.466	0.412	0.534	0.642	0.703	0.695	0.674	0.541	0.546	0.691	1.000	0.696	0.433	0.543	0.515	0.596	0.634	0.481
X3.6	0.435	0.382	0.424	0.319	0.527	0.549	0.586	0.687	0.602	0.604	0.541	0.546	0.675	0.696	1.000	0.471	0.608	0.511	0.525	0.553	0.430
Y.1	0.347	0.350	0.389	0.282	0.533	0.462	0.537	0.492	0.412	0.502	0.396	0.391	0.462	0.433	0.471	1.000	0.681	0.554	0.486	0.601	0.423
Y.2	0.511	0.546	0.479	0.436	0.589	0.541	0.625	0.626	0.523	0.690	0.541	0.579	0.619	0.543	0.608	0.681	1.000	0.759	0.693	0.558	0.634
Y.3	0.332	0.431	0.400	0.408	0.523	0.514	0.566	0.588	0.531	0.698	0.588	0.635	0.647	0.515	0.511	0.554	0.759	1.000	0.710	0.607	0.656
Y.4	0.436	0.522	0.537	0.509	0.429	0.534	0.624	0.658	0.681	0.688	0.648	0.645	0.730	0.596	0.525	0.486	0.693	0.710	1.000	0.698	0.668
Y.5	0.515	0.506	0.497	0.409	0.464	0.571	0.696	0.720	0.741	0.625	0.692	0.706	0.651	0.634	0.553	0.601	0.558	0.607	0.698	1.000	0.702
Y.6	0.493	0.531	0.523	0.437	0.511	0.512	0.562	0.601	0.596	0.555	0.629	0.713	0.564	0.481	0.430	0.423	0.634	0.656	0.668	0.702	1.000

Model implied saturated correlation matrix

	X1.1	X1.2	X1.3	X1.4	X2.1	X2.2	X2.3	X2.4	X2.5	X2.6	X3.1	X3.2	X3.4	X3.5	X3.6	Y.1	Y.2	Y.3	Y.4	Y.5	Y.6
X1.1	1.000	0.671	0.746	0.637	0.436	0.456	0.521	0.518	0.491	0.465	0.502	0.519	0.523	0.506	0.459	0.412	0.486	0.484	0.485	0.474	0.464
X1.2	0.671	1.000	0.705	0.602	0.411	0.431	0.492	0.490	0.464	0.439	0.474	0.490	0.494	0.478	0.434	0.389	0.459	0.457	0.459	0.447	0.438
X1.3	0.746	0.705	1.000	0.669	0.457	0.479	0.547	0.544	0.516	0.488	0.527	0.545	0.549	0.532	0.482	0.432	0.510	0.508	0.510	0.498	0.487
X1.4	0.637	0.602	0.669	1.000	0.390	0.409	0.467	0.465	0.440	0.417	0.450	0.465	0.469	0.454	0.412	0.369	0.436	0.434	0.435	0.425	0.416
X2.1	0.436	0.411	0.457	0.390	1.000	0.597	0.682	0.678	0.643	0.608	0.537	0.555	0.560	0.542	0.491	0.462	0.545	0.542	0.544	0.531	0.520
X2.2	0.456	0.431	0.479	0.409	0.597	1.000	0.714	0.711	0.674	0.638	0.562	0.582	0.587	0.568	0.515	0.484	0.571	0.568	0.570	0.557	0.545
X2.3	0.521	0.492	0.544	0.467	0.682	0.714	1.000	0.811	0.769	0.728	0.642	0.664	0.669	0.648	0.588	0.552	0.651	0.648	0.651	0.635	0.622
X2.4	0.518	0.490	0.544	0.465	0.678	0.711	0.811	1.000	0.765	0.724	0.639	0.660	0.666	0.645	0.585	0.549	0.648	0.645	0.648	0.632	0.619
X2.5	0.491	0.464	0.516	0.440	0.643	0.674	0.769	0.765	1.000	0.686	0.605	0.626	0.631	0.611	0.554	0.520	0.614	0.611	0.614	0.599	0.587
X2.6	0.465	0.439	0.488	0.417	0.608	0.638	0.728	0.724	0.686	1.000	0.573	0.592	0.598	0.578	0.524	0.493	0.581	0.579	0.581	0.567	0.555

X3.1	0.502	0.474	0.527	0.450	0.537	0.562	0.642	0.639	0.605	0.573	1.000	0.768	0.775	0.750	0.680	0.508	0.599	0.597	0.599	0.584	0.572
X3.2	0.519	0.490	0.545	0.465	0.555	0.582	0.664	0.660	0.626	0.592	0.768	1.000	0.801	0.775	0.703	0.525	0.619	0.617	0.619	0.604	0.592
X3.4	0.523	0.494	0.549	0.469	0.560	0.587	0.669	0.666	0.631	0.598	0.775	0.801	1.000	0.782	0.709	0.530	0.625	0.622	0.624	0.609	0.597
X3.5	0.506	0.478	0.532	0.454	0.542	0.568	0.648	0.645	0.611	0.578	0.750	0.775	0.782	1.000	0.686	0.513	0.605	0.602	0.604	0.590	0.578
X3.6	0.459	0.434	0.482	0.412	0.491	0.515	0.588	0.585	0.554	0.524	0.680	0.703	0.709	0.686	1.000	0.465	0.549	0.546	0.548	0.535	0.524
Y.1	0.412	0.389	0.432	0.369	0.462	0.484	0.552	0.549	0.520	0.493	0.508	0.525	0.530	0.513	0.465	1.000	0.632	0.629	0.631	0.616	0.603
Y.2	0.486	0.459	0.510	0.436	0.545	0.571	0.651	0.648	0.614	0.581	0.599	0.619	0.625	0.605	0.549	0.632	1.000	0.742	0.745	0.727	0.712
Y.3	0.484	0.457	0.508	0.434	0.542	0.568	0.648	0.645	0.614	0.579	0.597	0.617	0.622	0.602	0.546	0.629	0.742	1.000	0.741	0.724	0.709
Y.4	0.485	0.459	0.510	0.435	0.544	0.570	0.651	0.648	0.614	0.581	0.599	0.619	0.624	0.604	0.548	0.631	0.745	0.741	1.000	0.726	0.711
Y.5	0.474	0.447	0.498	0.425	0.531	0.557	0.635	0.632	0.599	0.567	0.584	0.604	0.609	0.590	0.535	0.616	0.727	0.724	0.726	1.000	0.694
Y.6	0.464	0.438	0.487	0.416	0.520	0.545	0.622	0.619	0.587	0.555	0.572	0.592	0.597	0.578	0.524	0.603	0.712	0.709	0.711	0.694	1.000

Model implied estimated correlation matrix

X1.1	X1.1	X1.2	X1.3	X1.4	X2.1	X2.2	X2.3	X2.4	X2.5	X2.6	X3.1	X3.2	X3.4	X3.5	X3.6	Y.1	Y.2	Y.3	Y.4	Y.5	Y.6
X1.2	1.000	0.671	0.746	0.637	0.436	0.456	0.521	0.518	0.491	0.465	0.502	0.519	0.523	0.506	0.459	0.412	0.486	0.484	0.485	0.474	0.464
X1.3	0.671	1.000	0.705	0.602	0.411	0.431	0.492	0.490	0.464	0.439	0.474	0.490	0.494	0.478	0.434	0.389	0.459	0.457	0.459	0.447	0.438
X1.4	0.746	0.705	1.000	0.669	0.457	0.479	0.547	0.544	0.516	0.488	0.527	0.545	0.549	0.532	0.482	0.432	0.510	0.508	0.510	0.498	0.487
X2.1	0.637	0.602	0.669	1.000	0.390	0.409	0.467	0.465	0.440	0.417	0.450	0.465	0.469	0.454	0.412	0.369	0.436	0.434	0.435	0.425	0.416
X2.2	0.456	0.431	0.457	0.390	1.000	0.597	0.682	0.714	0.674	0.638	0.562	0.582	0.587	0.568	0.491	0.462	0.545	0.542	0.544	0.531	0.520
X2.3	0.521	0.492	0.547	0.467	0.682	0.714	1.000	0.811	0.769	0.728	0.642	0.664	0.669	0.648	0.588	0.552	0.651	0.648	0.651	0.635	0.622
X2.4	0.518	0.490	0.544	0.465	0.678	0.711	0.811	1.000	0.765	0.724	0.639	0.660	0.666	0.645	0.585	0.549	0.648	0.645	0.648	0.632	0.619
X2.5	0.491	0.464	0.516	0.440	0.643	0.674	0.769	0.765	1.000	0.686	0.605	0.626	0.631	0.611	0.554	0.520	0.614	0.611	0.614	0.599	0.587
X2.6	0.465	0.439	0.488	0.417	0.608	0.638	0.728	0.724	0.686	1.000	0.573	0.592	0.598	0.578	0.524	0.493	0.581	0.579	0.581	0.567	0.555
X3.1	0.502	0.474	0.527	0.450	0.537	0.562	0.642	0.639	0.605	0.573	1.000	0.768	0.775	0.750	0.680	0.508	0.599	0.597	0.599	0.584	0.572
X3.2	0.519	0.490	0.545	0.465	0.555	0.582	0.664	0.660	0.626	0.592	0.768	1.000	0.801	0.775	0.703	0.525	0.619	0.617	0.619	0.604	0.592
X3.4	0.523	0.494	0.549	0.469	0.560	0.587	0.669	0.666	0.631	0.598	0.775	0.801	1.000	0.782	0.709	0.530	0.625	0.622	0.624	0.609	0.597
X3.5	0.506	0.478	0.532	0.454	0.542	0.568	0.648	0.645	0.611	0.578	0.750	0.775	0.782	1.000	0.686	0.513	0.605	0.602	0.604	0.590	0.578
X3.6	0.459	0.434	0.482	0.412	0.491	0.515	0.588	0.585	0.554	0.524	0.680	0.703	0.709	0.686	1.000	0.465	0.549	0.546	0.548	0.535	0.524
Y.1	0.412	0.389	0.432	0.369	0.462	0.484	0.552	0.549	0.520	0.493	0.508	0.525	0.530	0.513	0.465	1.000	0.632	0.629	0.631	0.616	0.603
Y.2	0.486	0.459	0.510	0.436	0.545	0.571	0.651	0.648	0.614	0.581	0.599	0.619	0.625	0.605	0.549	0.632	1.000	0.742	0.745	0.727	0.712
Y.3	0.484	0.457	0.508	0.434	0.542	0.568	0.648	0.645	0.614	0.579	0.597	0.617	0.622	0.602	0.546	0.629	0.742	1.000	0.741	0.724	0.709
Y.4	0.485	0.459	0.510	0.435	0.544	0.570	0.651	0.648	0.614	0.581	0.599	0.619	0.624	0.604	0.548	0.631	0.745	0.741	1.000	0.726	0.711
Y.5	0.474	0.447	0.498	0.425	0.531	0.557	0.635	0.632	0.599	0.567	0.584	0.604	0.609	0.590	0.535	0.616	0.727	0.724	0.726	1.000	0.694
Y.6	0.464	0.438	0.487	0.416	0.520	0.545	0.622	0.619	0.587	0.555	0.572	0.592	0.597	0.578	0.524	0.603	0.712	0.709	0.711	0.694	1.000

Empirical covariance matrix

	X1.1	X1.2	X1.3	X1.4	X2.1	X2.2	X2.3	X2.4	X2.5	X2.6	X3.1	X3.2	X3.4	X3.5	X3.6	Y.1	Y.2	Y.3	Y.4	Y.5	Y.6
X1.1	1.000	0.625	0.711	0.424	0.479	0.470	0.550	0.505	0.447	0.454	0.553	0.480	0.540	0.429	0.435	0.347	0.511	0.332	0.436	0.515	0.493
X1.2	0.625	1.000	0.527	0.428	0.350	0.405	0.478	0.524	0.465	0.472	0.555	0.610	0.526	0.544	0.382	0.350	0.546	0.431	0.522	0.506	0.531
X1.3	0.711	0.527	1.000	0.668	0.422	0.480	0.587	0.556	0.466	0.531	0.561	0.538	0.581	0.540	0.424	0.389	0.479	0.400	0.537	0.497	0.523
X1.4	0.424	0.428	0.668	1.000	0.382	0.412	0.458	0.504	0.423	0.398	0.358	0.472	0.380	0.466	0.319	0.282	0.436	0.408	0.509	0.409	0.437
X2.1	0.479	0.350	0.422	0.382	1.000	0.681	0.707	0.536	0.516	0.428	0.335	0.480	0.480	0.412	0.527	0.533	0.589	0.523	0.429	0.464	0.511
X2.2	0.470	0.405	0.480	0.412	0.681	1.000	0.672	0.644	0.539	0.492	0.488	0.534	0.595	0.534	0.549	0.462	0.541	0.514	0.534	0.571	0.512
X2.3	0.550	0.478	0.587	0.458	0.707	0.672	1.000	0.755	0.717	0.670	0.522	0.619	0.614	0.642	0.586	0.537	0.625	0.566	0.624	0.696	0.562
X2.4	0.505	0.524	0.556	0.504	0.536	0.644	0.755	1.000	0.802	0.723	0.587	0.647	0.656	0.703	0.687	0.492	0.626	0.588	0.658	0.720	0.601
X2.5	0.447	0.465	0.466	0.423	0.516	0.539	0.717	0.802	1.000	0.656	0.638	0.692	0.648	0.695	0.602	0.412	0.523	0.531	0.681	0.741	0.596
X2.6	0.454	0.472	0.531	0.398	0.428	0.492	0.670	0.723	0.656	1.000	0.629	0.678	0.682	0.674	0.604	0.502	0.690	0.698	0.688	0.625	0.555
X3.1	0.553	0.555	0.561	0.358	0.488	0.488	0.522	0.587	0.638	0.629	1.000	0.767	0.764	0.614	0.541	0.396	0.541	0.588	0.648	0.692	0.629
X3.2	0.480	0.610	0.538	0.472	0.480	0.534	0.619	0.647	0.692	0.678	0.767	1.000	0.727	0.775	0.546	0.391	0.579	0.635	0.645	0.706	0.713
X3.4	0.540	0.526	0.581	0.380	0.480	0.595	0.614	0.656	0.648	0.682	0.764	0.727	1.000	0.691	0.675	0.462	0.619	0.647	0.730	0.651	0.564
X3.5	0.429	0.544	0.540	0.466	0.412	0.534	0.642	0.703	0.695	0.674	0.614	0.775	0.691	1.000	0.696	0.433	0.543	0.515	0.596	0.634	0.481
X3.6	0.435	0.382	0.424	0.319	0.527	0.549	0.586	0.687	0.602	0.604	0.541	0.546	0.675	0.696	1.000	0.471	0.608	0.511	0.525	0.553	0.430
Y.1	0.347	0.350	0.389	0.282	0.533	0.462	0.537	0.492	0.412	0.502	0.396	0.391	0.462	0.433	0.471	1.000	0.681	0.554	0.486	0.601	0.423
Y.2	0.511	0.546	0.479	0.436	0.589	0.541	0.625	0.626	0.523	0.690	0.541	0.579	0.619	0.543	0.608	0.681	1.000	0.759	0.693	0.558	0.634
Y.3	0.332	0.431	0.400	0.408	0.523	0.514	0.566	0.588	0.531	0.698	0.588	0.635	0.647	0.515	0.511	0.554	0.759	1.000	0.710	0.607	0.656
Y.4	0.436	0.522	0.537	0.509	0.429	0.534	0.624	0.658	0.681	0.688	0.648	0.645	0.730	0.525	0.525	0.486	0.693	0.710	1.000	0.698	0.668
Y.5	0.515	0.506	0.497	0.409	0.464	0.571	0.696	0.720	0.741	0.625	0.692	0.706	0.651	0.634	0.553	0.601	0.558	0.607	0.698	1.000	0.702
Y.6	0.493	0.531	0.523	0.437	0.511	0.512	0.562	0.601	0.596	0.555	0.629	0.713	0.564	0.481	0.430	0.423	0.634	0.656	0.668	0.702	1.000