VOLUME II

APPENDICES

A-1

صناعة التكافل

عزيزي الموظف / الموظفة

أحيطكم علما بأني طالب دكتوراه أبحث في مجال تأثير الثقافة الوطنية على ظروف تقديم الخدمة في قطاع التأمين الإسلامي أو ما يسمى التأمين التكافلي وبما انه وقع الاختيار عليكم كأحد العاملين في هذا المجال فأرجوا أن تخصصوا لنا دقائق قليله من وقتكم الثمين للأجابه على الاستبيان المرفق حتى يتسنى لنا دراسة هذه النظرية ومن ثم الانتهاء من دراسة الدكتوراه بما نتوقعه من فائدة وأضافه للمعرفة بشكل عام والعلوم الاداريه والتسويقية بشكل خاص.

نرجو التعبير عن رأيكم بسهوله بوضع دائرة على الرقم الذي ترونه مناسبا حسب اعتقادكم.

علما بأنه لا داعي لذكر اسمكم الكريم ولا أسم الشركة ونعاهدكم بأن جميع الإجابات ستعامل بسريه حيث أنها ستستخدم لأغراض البحث العلمي فقط.

ولكم جزيل الشكر سلفا

الباحث
سلمان فهاد العجمي
جامعة برونيل
بريطانيا

القسم الاول: المتغيرات الديموغرافية

1 - المنصب الوظيفي	
2 - نطاق العمل	
3 - الخبرة في العمل	
4 - الجنسية	

القسم الثاني: الثغرات الخاصة بجودة الخدمة

رقم العبارة	العبارة	أوافق بشده	أوافق	لا أعلم	لا أوافق	لا أوافق بشده
1	جمع المعلومات الخاصة باحتياجات وتوقعات العميل مفيد في تقديم خدمة عالية الجودة	5	4	3	2	1
2	المعلومات غير متوفرة إذا لم تكن متعلقة بواجبات الموظف	5	4	3	2	1
3	المنهجية المتبعة في جمع المعلومات معروفة لدي	5	4	3	2	1
4	الشخص/القسم المعني معروف لدي	5	4	3	2	1
5	نوع المعلومات المحصلة (رسمية/غير رسمية) واضح	5	4	3	2	1
6	تتم مشاركة المعلومات المحصلة وتعميمها على كل الموظفين في المراتب الدنيا	5	4	3	2	1
7	توجد قناة تواصل ما بين الموظفين الميدانيين والإدارة العليا	5	4	3	2	1
8	الهيكلية التنظيمية للمؤسسة التي تعمل فيها هي منبسطة	5	4	3	2	1
9	مستويات الهيكل الإداري تفصل ما بين مدراء الدرجة العليا والموظفين الميدانيين	5	4	3	2	1

a) الثغرة (1) في جودة الخدمة (الثغرة في المعلومات)

B) الثغرة (2) في جودة الخدمة (الثغرة في المواصفات)

وفقا لسلم مؤلف من خمس درجات، يرجى بيان درجة تطبيق كل من الممارسات والمفاهيم التالية المتعلقة بالجودة في شركتك

رقم العبارة	العبارة	أوافق بشده	أوافق	لا أعلم	لا أوافق	لا أوافق بشده
10	تعتمد شركتك على عملية رسمية لتحديد الأهداف المتعلقة بجودة الخدمة	5	4	3	2	1
11	تحسين الجودة هي مسؤولية الفريق بكامله	5	4	3	2	1
12	برامج تحسين جودة الخدمة متوفرة لكل الموظفين في جميع المستويات	5	4	3	2	1
13	الشركة تشدد على العمل كفريق واحد	5	4	3	2	1
14	تعبر الشركة عن تقديرها لجهود الموظفين وتمنحنهم المكافآت لقاء هذه الجهود	5	4	3	2	1
15	تخضع خدمات الشركة لدرجة عالية من المعايير	5	4	3	2	1
16	تقدم الشركة الحوافز للموظفين وتعمل بقوة على تطوير إمكاناتهم	5	4	3	2	1
17	تقوم الشركة بتصميم منتجاتها وخدماتها اعتمادا على ميول العملاء	5	4	3	2	1
18	تأخذ الشركة المقترحات التي يقدمها العملاء على محمل الجد	5	4	3	2	1
19	تحقيق توقعات العميل هو المعيار الأساسي في وضع الأهداف المحددة لجودة الخدمات	5	4	3	2	1
20	القدرات المتوفرة في الشركة يمكن أن تحقق تطلعات العميل	5	4	3	2	1
21	المعايير المتبعة في جودة الخدمات تحتل جزءا مهما جدا من نظم الشركة	5	4	3	2	1

C) الثغرة (3) في جودة الخدمة (الثغرة في الأداء)

وفقا لسلم مؤلف من خمس درجات، يرجى بيان درجة تطبيق كل من الممارسات والمفاهيم التالية المتعلقة بالجودة في شركتك:

رقم العبارة	العبارة	أوافق بشده	أوافق	لا أعلم	لا أوافق	لا أوافق بشده
22	المعلومات المتوفرة كافية لإنهاء مهام الموظف	5	4	3	2	1
23	لديك الحرية في حل أي شكوى من دون الرجوع لرئيسك	5	4	3	2	1
24	أمضيت وقتا طويلا في عملي محاولا حل مشاكل لا تقع ضمن مسؤوليتي	5	4	3	2	1
25	كل موظف في الشركة يساهم في جهد الفريق الواحد في خدمة العملاء	5	4	3	2	1
26	الأدوات والتجهيزات كافية لتسهيل عمل الموظف	5	4	3	2	1
27	لا توجد أي فروق ما بين سياسة الإدارة ومواصفات الجودة	5	4	3	2	1
28	تملك الشركة نظاما فعالا لاختيار الموظفين أصحاب الخبرات العالية	5	4	3	2	1
29	الإدارة تشجع الموظفين للعمل معا	5	4	3	2	1
30	الشركة تشجع التعاون ما بين الموظفين	5	4	3	2	1

القسم الثالث: قيم الثقافة الوطنية ـ وفقا لسلم مؤلف من خمس درجات، يرجى بيان درجة تطبيق كل من الممارسات والمفاهيم التالية المتعلقة بالجودة في شركتك

a) التباعد بين الرؤساء والمرؤوسين

وفقا لسلم مؤلف من خمس درجات، يرجى بيان درجة تطبيق كل من الممارسات والمفاهيم التالية المتعلقة بالجودة في شركتك

رقم العبارة	العبارة	أوافق بشده	أوافق	لا أعلم	لا أوافق	لا أوافق بشده
31	يجب على المشرفين اتخاذ معظم القرارات من دون التشاور مع مرؤوسيهم	5	4	3	2	1
32	يجب على المشرفين تجنب التواصل الاجتماعي مع مرؤوسيهم	5	4	3	2	1
33	يجب على المشرفين عدم إعطاء الصلاحية لمرؤوسيهم لتنفيذ المهام المهمة	5	4	3	2	1
34	حقوق الرؤساء والمرؤوسين متساوية	5	4	3	2	1
35	عملية اتخاذ القرار يتحكم بها الموظفون الكبار حصريا	5	4	3	2	1
36	يخشى المرؤوسون التعبير عن عدم الاتفاق مع الرئيس	5	4	3	2	1
37	يجب على المشرفين اتخاذ معظم القرارات من دون التشاور مع مرؤوسيهم	5	4	3	2	1

b) قيم تجنب عدم اليقين

رقم العبارة	العبارة	أوافق بشده	أوافق	لا أعلم	لا أوافق	لا أوافق بشده
38	يجب على المشرفين اتخاذ معظم القرارات من دون التشاور مع مرؤوسيهم	5	4	3	2	1
39	يجب على المشرفين تجنب التواصل الاجتماعي مع مرؤوسيهم	5	4	3	2	1
40	يجب على المشرفين عدم إعطاء الصلاحية لمرؤوسيهم لتنفيذ المهام المهمة	5	4	3	2	1
41	حقوق الرؤساء والمرؤوسين متساوية	5	4	3	2	1
42	عملية اتخاذ القرار يتحكم بها الموظفون الكبار حصريا	5	4	3	2	1
43	يخشى المرؤوسون التعبير عن عدم الاتفاق مع الرئيس	5	4	3	2	1
44	يجب على المشرفين اتخاذ معظم القرارات من دون التشاور مع مرؤوسيهم	5	4	3	2	1

القسم الرابع: ظروف تقديم الخدمة

يرجى تحديد أقرب الظروف المطبقة في شركتك عبر الاختيار ما بين أ / ب ، ثم ووفقا لسلم يتضمن خمس درجات، يرجى بيان ترتيب كل من هذه الظروف:

N	العبارة	أختار أ أو ب	أوافق بشده	أوافق	لا أعلم	لا أوافق	لا أوافق بشده
	جمع المعلومات والمشاركة بها يتم على شكل يومي	أ	5	4	3	2	1
	جمع المعلومات والمشاركة بها يتم على أساس سنوي	ب					

N	العبارة	أختار أ أو ب	أوافق بشده	أوافق	لا أعلم	لا أوافق	لا أوافق بشده
45	جمع المعلومات والمشاركة بها يتم على شكل هرمي	أ	5	4	3	2	1
	جمع المعلومات والمشاركة بها يتم على أساس وظيفي	ب					
46	وضع مواصفات لجودة الخدمة استنادا لريادة تعتمد على عدم المشاركة بين الرئيس والمرؤوس	أ	5	4	3	2	1
	وضع مواصفات لجودة الخدمة استنادا لريادة تعتمد على المشاركة	ب					

47	توفير الجودة في الخدمة وفقا لنظم تعتمد على التحكم مركزيا بالأداء	أ	5	4	3	2	1
	إعطاء الصلاحيات في الأداء لتوفير الجودة في الخدمة	ب					
48	التواصل في الشركة مغلق ورسمي	أ	5	4	3	2	1
	التواصل في الشركة مفتوح وغير رسمي	ب					
49	تحديد جودة الخدمة اعتمادا على المردود المالي	أ	5	4	3	2	1
	تحديد جودة الخدمة اعتمادا على رضا العميل	ب					
50	أداء يعتمد على حدود النظام الداخلي للشركة	أ	5	4	3	2	1
	أداء يعتمد على الرضا الآني للعملاء	ب					

Dear Participant,

You are invited to participate in this survey for the fulfillment of my PhD degree. The objective of the research is to find the impact of national culture on service delivery provisions between any two contraries.

I would very much appreciate your co-operation in making my research a success. Please spare some of your valuable time to complete the attached questionnaire. You is assured that all information provided will be treated in total confidence. No names will be published; only aggregate data will be used for the purpose of the research.

If you have questions at any time about the survey or the procedures, you may contact me:

Salman.alajmi@brunel.ac.uk

Yours sincerely,

Salman Alajmi

Brunel University

UK

Dear Participant,

You are invited to participate in this survey for the fulfillment of my PhD degree. The objective of the research is to find the impact of national culture on service delivery provisions between any two contraries.

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If you have questions at any time about the survey or the procedures, you may contact me:

Salman.alajmi@brunel.ac.uk

Yours sincerely,
Salman Alajmi
Brunel University
UK

1- Position	
2- Experience	
3- Nationality	

Part 1: Demographic Variables

PART 1:A) On a scale from 1 to 5, please indicate the level of implementation of each of the following quality practices and concepts in your company:

N	Statement	Strongly Agree	Agree	Neither	Disagree	Strongly Disagree
1	Collecting information regarding customer needs and expectation is useful to deliver high service quality	5	4	3	2	1
2	information is not available if not related to the employees task	5	4	3	2	1
3	The methodology of Gathering information is known to me	5	4	3	2	1
4	The assigned person/department is known to me	5	4	3	2	1
5	The kind of information collected (formal/informal) is clear	5	4	3	2	1
6	The information collected is shared and communicated with all employees at lower level	5	4	3	2	1
7	there is a channel of communication between front line employees and top management	5	4	3	2	1
8	The organizational structure of your organization is flat structure	5	4	3	2	1
9	The managerial structure levels separate senior managers from frontline employees	5	4	3	2	1

B) **On a scale from 1 to 5, please indicate the level of implementation of each of the following quality practices and concepts in your company:**

N	Statement	Strongly Agree	Agree	Neither	Disagree	Strongly Disagree
10	In your company There is a formal process in setting goals related to service quality	5	4	3	2	1
11	Quality improvement is a team's responsibility.	5	4	3	2	1
12	Programs of improving service quality provided to all level of employees.	5	4	3	2	1
13	The company stresses teamwork	5	4	3	2	1
14	The company recognizes employees' efforts and rewards accordingly.	5	4	3	2	1
15	The company's services are subjected to high degree of standardization	5	4	3	2	1
16	The management motivates employees and fully develops their potential.	5	4	3	2	1
17	The company designs products and services using customer-focused approach.	5	4	3	2	1
18	The company takes its customers' suggestions seriously.	5	4	3	2	1
19	Customer expectation is the main criteria for setting service quality goals of the organization	5	4	3	2	1
20	The available capabilities in your company can meet customer expectation	5	4	3	2	1
21	Service quality standards are critical part of the company's systems	5	4	3	2	1

C) On a scale from 1 to 5, please indicate the level of implementation of each of the following quality practices and concepts in your company:

N	Statement	Strongly Agree	Agree	Neither	Disagree	Strongly Disagree
22	The provided information is sufficient to complete the employee's task	5	4	3	2	1
23	There is a freedom to resolve any complain without consulting your boss	5	4	3	2	1
24	I spend a lot of time in my job trying to resolve problems over which I have a little control	5	4	3	2	1
25	Every one in my organization contributes to a team effort in servicing customers	5	4	3	2	1
26	The tools and equipments are sufficient to support the employee's task	5	4	3	2	1
27	There is no differences between management policy and quality specification	5	4	3	2	1
28	The company has an effective system to select high experienced employees	5	4	3	2	1
29	The management encourages employees to work together.	5	4	3	2	1
30	The organization foster cooperation among employees	5	4	3	2	1
31	The management provides employees with different training programs	5	4	3	2	1

Part 2: **The following statements might describe Kuwait National Culture.**

A) On a scale from 1 to 5, please indicate the level of your agreement with each statement.

N	Statement	Strongly Agree	Agree	Neither	Disagree	Strongly Disagree
32	Supervisors should make most decisions without consulting subordinates.	5	4	3	2	1
33	Supervisors should avoid social interaction with subordinates.	5	4	3	2	1
34	Supervisors should not delegate important tasks to subordinates.	5	4	3	2	1
35	The rights of superiors and subordinates are equal	5	4	3	2	1
36	Senior employees exclusively control the decisions making	5	4	3	2	1
37	Subordinates are afraid to express disagreement with boss	5	4	3	2	1

B) On a scale from 1 to 5, please indicate the level of your agreement with each statement.

N	Statement	Strongly Agree	Agree	Neither	Disagree	Strongly Disagree
38	Having detailed instructions helps to know what is expected to do.	5	4	3	2	1
39	Following instructions and procedures closely is important.	5	4	3	2	1
40	Rules and regulations should not be broken	5	4	3	2	1
41	Standardized work procedures are important	5	4	3	2	1
42	you always feel tens and nervous working in this organization	5	4	3	2	1
43	You would accept working in another organization but in different job	5	4	3	2	1
44	You will continue working in this organization	5	4	3	2	1

Part 4:

Please identify the closest prevailing trend which is applicable for your organization by choosing A or B, then on a scale from 1 to 5 indicates the level of your agreement with the chosen trend.

Example:

N	Statement	Select A or B By circling	Strongly Agree	Agree	Neither	Disagree	Strongly Disagree
45	A) Hierarchical Driven Information Gathering and sharing	A	5		3	2	1
	B) Functional Driven Information Gathering and sharing	B					

N	Statement	Select A or B By circling	Strongly Agree	Agree	Neither	Disagree	Strongly Disagree
45	A) Hierarchical Driven Information Gathering and sharing	A	5	4	3	2	1
	B) Functional Driven Information Gathering and sharing	B					
46	A) Non-Participative leadership Driven in Setting Service Quality Specification	A	5	4	3	2	1
	B) Participative leadership Driven in Setting Service Quality Specification	B					
47	A) Delivering Services Quality regulated by centralized Performance control	A	5	4	3	2	1
	B) Empowering to Performing Delivering Service Quality	B	5	4	3	2	1
48	A) Close and Formal Driven Communication	A	5	4	3	2	1
	B) Open and informal Driven Communication	B	5	4	3	2	1
49	A) Money Driven Specifying Service Quality	A	5	4	3	2	1
	B) Customer Satisfaction Driven Specifying Service Quality	B	5	4	3	2	1
50	A) System Boarder driven Performing	A	5	4	3	2	1
	B) Customer Satisfaction Driven Performing	B	5	4	3	2	1

A-2

A-2 Exploratory Factor Analysis

Reliability

Scale: ALL VARIABLES

Reliability Statistics

Cronbach's Alpha	N of Items
.957	56

Reliability

Scale: ALL VARIABLES

Reliability Statistics

Cronbach's Alpha	N of Items
.819	9

information gap

Item-Total Statistics

	Scale Mean if Item Deleted	Scale Variance if Item Deleted	Corrected Item-Total Correlation	Cronbach's Alpha if Item Deleted
Q01	24.48	32.017	.552	.797
Q02	24.05	35.133	.367	.817
Q03	25.13	33.101	.487	.804
Q04	24.85	32.299	.483	.806
Q05	24.33	32.802	.511	.801
Q06	24.67	29.921	.688	.778
Q07	24.42	32.044	.511	.802
Q08	24.57	33.640	.477	.805
Q09	24.83	32.311	.583	.793

Reliability

Scale: ALL VARIABLES

Reliability Statistics

Cronbach's Alpha	N of Items
.811	12

specification gap

Item-Total Statistics

	Scale Mean if Item Deleted	Scale Variance if Item Deleted	Corrected Item-Total Correlation	Cronbach's Alpha if Item Deleted
Q10	37.77	39.368	.425	.800
Q11	37.77	39.843	.404	.802
Q12	37.60	41.159	.307	.808
Q13	37.78	38.851	.463	.797
Q14	37.88	39.630	.275	.814
Q15	37.67	38.090	.479	.795
Q16	37.77	36.148	.642	.781
Q17	38.10	36.566	.542	.789
Q18	38.02	36.118	.618	.782
Q19	38.17	36.887	.397	.806
Q20	37.88	35.935	.530	.790
Q21	38.08	36.349	.479	.796

Reliability

Scale: ALL VARIABLES

performance gap

Reliability Statistics

Cronbach's Alpha	N of Items
.895	10

Item-Total Statistics

	Scale Mean if Item Deleted	Scale Variance if Item Deleted	Corrected Item-Total Correlation	Cronbach's Alpha if Item Deleted
Q22	30.25	63.581	.478	.895
Q23	29.90	60.464	.492	.896
Q24	29.63	62.101	.617	.887
Q25	29.55	60.692	.664	.884
Q26	29.58	59.806	.669	.884

Q27	**30.08**	**60.417**	**.576**	**.889**
Q28	**30.05**	**57.031**	**.777**	**.876**
Q29	**30.13**	**56.795**	**.697**	**.881**
Q30	**30.33**	**56.362**	**.713**	**.880**
Q31	**30.33**	**56.192**	**.749**	**.877**

Reliability

Scale: ALL VARIABLES

Reliability Statistics

Cronbach's Alpha	N of Items
.845	6

power distance

Item-Total Statistics

	Scale Mean if Item Deleted	Scale Variance if Item Deleted	Corrected Item-Total Correlation	Cronbach's Alpha if Item Deleted
Q32	**13.65**	**21.181**	**.651**	**.815**
Q33	**13.53**	**20.897**	**.633**	**.820**
Q34	**14.27**	**23.250**	**.566**	**.831**
Q35	**14.17**	**22.514**	**.635**	**.818**
Q36	**13.87**	**23.406**	**.660**	**.816**
Q37	**12.85**	**22.638**	**.636**	**.818**

Reliability

Scale: ALL VARIABLES

Reliability Statistics

Cronbach's Alpha	N of Items
.850	7

uncertainty avoidance

Item-Total Statistics

	Scale Mean if Item Deleted	Scale Variance if Item Deleted	Corrected Item-Total Correlation	Cronbach's Alpha if Item Deleted

Q38	**16.53**	**36.490**	**.508**	**.844**
Q39	**16.28**	**32.918**	**.683**	**.818**
Q40	**15.63**	**34.948**	**.545**	**.839**
Q41	**15.40**	**33.702**	**.575**	**.836**
Q42	**16.45**	**34.692**	**.605**	**.830**
Q43	**15.92**	**35.434**	**.603**	**.831**
Q44	**16.08**	**31.806**	**.761**	**.806**

Reliability

Scale: ALL VARIABLES

Reliability Statistics

Cronbach's Alpha	N of Items
.886	**6**

S.D,P

Item-Total Statistics

	Scale Mean if Item Deleted	Scale Variance if Item Deleted	Corrected Item-Total Correlation	Cronbach's Alpha if Item Deleted
Q45	**17.98**	**21.203**	**.720**	**.863**
Q46	**17.62**	**24.308**	**.582**	**.884**
Q47	**18.17**	**20.921**	**.810**	**.847**
Q48	**17.97**	**20.745**	**.859**	**.839**
Q49	**17.90**	**26.024**	**.432**	**.904**
Q50	**17.95**	**21.947**	**.806**	**.849**

Reliability

Scale: ALL VARIABLES

Reliability Statistics

N	Cronbach's Alpha	N of Items
1	**.966**	**56**
2	**.945**	**56**

all

Reliability

Scale: ALL VARIABLES

Reliability Statistics

N	Cronbach's Alpha	N of Items
1	.850	9
2	.787	9

gap 1

Item-Total Statistics

N		Scale Mean if Item Deleted	Scale Variance if Item Deleted	Corrected Item-Total Correlation	Cronbach's Alpha if Item Deleted
1	Q01	24.87	37.223	.405	.851
	Q02	24.40	37.834	.500	.841
	Q03	25.43	36.599	.473	.844
	Q04	24.93	36.271	.536	.837
	Q05	24.70	35.941	.538	.837
	Q06	24.93	32.754	.723	.817
	Q07	24.83	34.213	.689	.822
	Q08	24.90	34.093	.625	.828
	Q09	25.00	34.828	.637	.827
2	Q01	24.10	27.610	.736	.728
	Q02	23.70	33.390	.256	.795
	Q03	24.83	30.557	.502	.763
	Q04	24.77	29.426	.463	.770
	Q05	23.97	30.516	.491	.764
	Q06	24.40	27.972	.650	.740
	Q07	24.00	30.621	.375	.783
	Q08	24.23	34.116	.289	.788
	Q09	24.67	30.851	.529	.760

Reliability

Scale: ALL VARIABLES

Case Processing Summary

N			N	%
1	Cases	Valid	30	100.0
		Excludeda	0	.0
		Total	30	100.0
2	Cases	Valid	30	100.0
		Excludeda	0	.0
		Total	30	100.0

a. Listwise deletion based on all variables in the procedure.

Reliability Statistics **gap2**

N	Cronbach's Alpha	N of Items
1	.825	12
2	.788	12

Item-Total Statistics

N		Scale Mean if Item Deleted	Scale Variance if Item Deleted	Corrected Item-Total Correlation	Cronbach's Alpha if Item Deleted
1	Q10	38.83	36.282	.681	.802
	Q11	39.10	37.266	.534	.811
	Q12	38.93	39.168	.286	.826
	Q13	38.93	37.306	.436	.816
	Q14	39.03	39.757	.143	.838
	Q15	39.03	34.033	.584	.803
	Q16	38.93	32.409	.749	.787
	Q17	39.33	33.885	.636	.799
	Q18	39.20	35.200	.549	.807
	Q19	39.40	34.248	.434	.821
	Q20	39.13	36.051	.402	.820
	Q21	39.10	36.369	.460	.814
2	Q10	36.70	41.459	.200	.793
	Q11	36.43	40.116	.334	.782
	Q12	36.27	40.892	.352	.781
	Q13	36.63	38.999	.448	.772
	Q14	36.73	38.133	.344	.783
	Q15	36.30	39.597	.426	.774
	Q16	36.60	38.317	.513	.766
	Q17	36.87	37.361	.454	.770
	Q18	36.83	35.385	.664	.748
	Q19	36.93	37.651	.352	.783
	Q20	36.63	33.826	.648	.747
	Q21	37.07	35.444	.469	.770

Reliability

Scale: ALL VARIABLES

Reliability Statistics

N	Cronbach's Alpha	N of Items
1	.910	10
2	.869	10

gap 3

Item-Total Statistics

N		Scale Mean if Item Deleted	Scale Variance if Item Deleted	Corrected Item-Total Correlation	Cronbach's Alpha if Item Deleted
1	Q22	31.90	67.128	.487	.911
	Q23	31.53	63.016	.484	.913
	Q24	31.40	61.628	.705	.899
	Q25	31.30	60.148	.778	.895
	Q26	31.37	59.620	.793	.894
	Q27	31.80	64.028	.521	.909
	Q28	31.80	59.269	.731	.897
	Q29	31.80	55.476	.779	.894
	Q30	31.97	58.240	.749	.896
	Q31	31.93	57.651	.740	.896
2	Q22	28.60	56.593	.448	.867
	Q23	28.27	54.478	.462	.869
	Q24	27.87	58.257	.500	.863
	Q25	27.80	56.993	.525	.861
	Q26	27.80	55.476	.545	.860
	Q27	28.37	52.792	.614	.854
	Q28	28.30	50.424	.828	.837
	Q29	28.47	54.326	.580	.857
	Q30	28.70	50.907	.660	.850
	Q31	28.73	51.375	.734	.844

Reliability

Scale: ALL VARIABLES

Reliability Statistics

N	Cronbach's Alpha	N of Items
1	.886	6
2	.781	6

Power distance

Item-Total Statistics

N		Scale Mean if Item Deleted	Scale Variance if Item Deleted	Corrected Item-Total Correlation	Cronbach's Alpha if Item Deleted
1	Q32	14.27	26.133	.664	.872
	Q33	14.43	23.978	.806	.847
	Q34	15.07	26.064	.713	.864
	Q35	14.80	26.510	.703	.865
	Q36	14.60	27.766	.703	.867
	Q37	13.67	26.644	.624	.879
2	Q32	13.03	16.171	.628	.721
	Q33	12.63	16.861	.477	.769
	Q34	13.47	19.913	.368	.784
	Q35	13.53	18.464	.529	.748
	Q36	13.13	18.740	.588	.738
	Q37	12.03	18.033	.651	.723

Reliability

Scale: ALL VARIABLES

Reliability Statistics

uncertainty avoidance

N	Cronbach's Alpha	N of Items
1	.919	7
2	.743	7

Item-Total Statistics

N		Scale Mean if Item Deleted	Scale Variance if Item Deleted	Corrected Item-Total Correlation	Cronbach's Alpha if Item Deleted
1	Q38	16.77	43.633	.750	.906
	Q39	16.37	41.068	.776	.904
	Q40	15.83	43.799	.711	.910
	Q41	15.53	42.602	.724	.909
	Q42	16.87	43.913	.729	.908
	Q43	16.17	45.937	.687	.913
	Q44	16.47	39.223	.873	.892
2	Q38	16.30	30.493	.213	.760
	Q39	16.20	25.890	.565	.688

Q40	**15.43**	**27.220**	**.372**	**.733**
Q41	**15.27**	**25.926**	**.423**	**.722**
Q42	**16.03**	**26.309**	**.499**	**.703**
Q43	**15.67**	**26.023**	**.537**	**.694**
Q44	**15.70**	**25.183**	**.624**	**.675**

Reliability

Scale: ALL VARIABLES

Reliability Statistics

N	**Cronbach's Alpha**	**N of Items**	**S.D.P**
1	**.895**	**6**	
2	**.879**	**6**	

A-2 Confirmatory Factor Analysis (From PILOT)

Regression Weights: (Group number 1 – Default model)

	Estimate	S.E.	C.R.	P	Label
Q01 ← - IG	1.000				
Q02 ← - IG	.590	.201	2.929	.003	
Q03 ← - IG	.902	.233	3.871	***	
Q05 ← - IG	.853	.231	3.685	***	
Q06 ← - IG	1.210	.268	4.510	***	
Q04 ← - IG	.968	.257	3.762	***	
Q11 ← - SG	.638	.259	2.467	.014	
Q12 ← - SG	.663	.240	2.770	.006	
Q13 ← - SG	.888	.294	3.016	.003	
Q14 ← - SG	.762	.346	2.204	.028	
Q15 ← - SG	1.167	.340	3.431	***	
Q23 ← - PG	1.000				
Q24 ← - PG	.930	.268	3.465	***	
Q25 ← - PG	1.002	.288	3.482	***	
Q26 ← - PG	1.097	.311	3.525	***	
Q33 ← - PD	1.000				
Q34 ← - PD	.595	.172	3.456	***	
Q35 ← - PD	.714	.166	4.301	***	
Q10 ← - SG	1.000				
Q07 ← - IG	.946	.254	3.724	***	
Q08 ← - IG	.784	.217	3.612	***	
Q09 ← - IG	.944	.229	4.129	***	
Q16 ← - SG	1.336	.363	3.678	***	
Q17 ← - SG	1.460	.395	3.696	***	
Q18 ← - SG	1.374	.375	3.662	***	
Q19 ← - SG	1.411	.445	3.173	.002	
Q20 ← - SG	1.503	.424	3.547	***	
Q21 ← - SG	1.521	.433	3.513	***	
Q22 ← - PG	.762	.257	2.968	.003	
Q27 ← - PG	1.112	.325	3.418	***	
Q28 ← - PG	1.476	.378	3.908	***	
Q29 ← - PG	1.576	.410	3.845	***	
Q30 ← - PG	1.529	.405	3.778	***	
Q32 ← - PD	1.214	.208	5.853	***	
Q39 ← - UA	1.483	.348	4.259	***	
Q40 ← - UA	1.286	.329	3.913	***	

	Estimate	S.E.	C.R.	P	Label
Q41 ← - UA	1.421	.356	3.991	***	
Q42 ← - UA	1.170	.308	3.803	***	
Q43 ← - UA	1.130	.291	3.884	***	
Q44 ← - UA	1.579	.359	4.403	***	
Q31 ← - PG	1.661	.419	3.962	***	
Q36 ← - PD	.681	.153	4.437	***	
Q37 ← - PD	.887	.176	5.051	***	
Q38 ← - UA	1.000				
Q45 ← - SDP	1.000				
Q46 ← - SDP	.726	.144	5.054	***	
Q47 ← - SDP	1.108	.161	6.900	***	
Q48 ← - SDP	1.123	.156	7.186	***	
Q49 ← - SDP	.531	.140	3.784	***	
Q50 ← - SDP	.965	.146	6.634	***	

Standardized Regression Weights: (Group number 1 – Default model)

	Estimate
Q01 ← - IG	.627
Q02 ← - IG	.428
Q03 ← - IG	.590
Q05 ← - IG	.557
Q06 ← - IG	.717
Q04 ← - IG	.571
Q11 ← - SG	.368
Q12 ← - SG	.425
Q13 ← - SG	.472
Q14 ← - SG	.322
Q15 ← - SG	.564
Q23 ← - PG	.495
Q24 ← - PG	.634
Q25 ← - PG	.640
Q26 ← - PG	.655
Q33 ← - PD	.678
Q34 ← - PD	.483
Q35 ← - PD	.601
Q10 ← - SG	.546
Q07 ← - IG	.564
Q08 ← - IG	.543
Q09 ← - IG	.640
Q16 ← - SG	.625

	Estimate
Q17 ←- SG	.630
Q18 ←- SG	.621
Q19 ←- SG	.507
Q20 ←- SG	.592
Q21 ←- SG	.583
Q22 ←- PG	.491
Q27 ←- PG	.619
Q28 ←- PG	.816
Q29 ←- PG	.786
Q30 ←- PG	.755
Q32 ←- PD	.863
Q39 ←- UA	.748
Q40 ←- UA	.655
Q41 ←- UA	.675
Q42 ←- UA	.628
Q43 ←- UA	.648
Q44 ←- UA	.792
Q31 ←- PG	.845
Q36 ←- PD	.630
Q37 ←- PD	.726
Q38 ←- UA	.562
Q45 ←- SDP	.744
Q46 ←- SDP	.658
Q47 ←- SDP	.874
Q48 ←- SDP	.910
Q49 ←- SDP	.500
Q50 ←- SDP	.843

Covariances: (Group number 1 – Default model)

	Estimate	S.E.	C.R.	P	Label
IG <-> SG	.266	.091	2.930	.003	
PD <-> UA	.548	.179	3.062	.002	
IG <-> PG	.366	.133	2.745	.006	
SG <-> PG	.255	.095	2.671	.008	
PG <-> PD	.558	.192	2.914	.004	
IG <-> PD	.527	.167	3.148	.002	
SG <-> PD	.351	.117	3.007	.003	
PG <-> UA	.341	.130	2.622	.009	
IG <-> UA	.372	.128	2.896	.004	
SG <-> UA	.232	.085	2.733	.006	

	Estimate	S.E.	C.R.	P	Label
e34 <-> e35	.469	.111	4.237	***	
e45 <-> e48	.402	.121	3.331	***	
e44 <-> e45	.457	.132	3.459	***	
e12 <-> e19	-.321	.096	-3.338	***	

Correlations: (Group number 1 – Default model)

	Estimate
IG <-> SG	.863
PD <-> UA	.836
IG <-> PG	.798
SG <-> PG	.888
PG <-> PD	.892
IG <-> PD	.785
SG <-> PD	.835
PG <-> UA	.762
IG <-> UA	.774
SG <-> UA	.770
e34 <-> e35	.723
e45 <-> e48	.439
e44 <-> e45	.487
e12 <-> e19	-.492

Variances: (Group number 1 – Default model)

	Estimate	S.E.	C.R.	P	Label
IG	.492	.193	2.546	.011	
SG	.193	.089	2.175	.030	
PG	.427	.217	1.967	.049	
PD	.918	.321	2.858	.004	
UA	.469	.205	2.287	.022	
SDP	.950	.291	3.269	.001	
e01	.758	.153	4.961	***	
e02	.765	.145	5.271	***	
e03	.748	.148	5.045	***	
e04	.955	.188	5.083	***	
e05	.798	.156	5.108	***	
e06	.680	.146	4.657	***	
e07	.947	.186	5.095	***	
e08	.721	.141	5.129	***	
e09	.634	.129	4.929	***	
e10	.455	.088	5.193	***	
e11	.502	.094	5.345	***	
e12	.385	.073	5.296	***	
e13	.530	.101	5.271	***	
e14	.967	.180	5.367	***	
e15	.565	.109	5.170	***	
e16	.537	.106	5.069	***	
e17	.625	.124	5.060	***	
e18	.579	.114	5.077	***	
e19	1.110	.213	5.221	***	
e20	.810	.158	5.128	***	
e21	.866	.168	5.141	***	
e32	1.316	.248	5.307	***	
e33	.548	.106	5.173	***	
e34	.617	.120	5.162	***	
e35	.682	.133	5.141	***	
e36	.851	.164	5.193	***	
e37	.466	.100	4.657	***	
e38	.657	.137	4.807	***	
e39	.752	.153	4.920	***	
e41	.473	.106	4.462	***	
e42	.463	.123	3.770	***	
e43	1.078	.217	4.978	***	
e44	1.068	.203	5.267	***	

	Estimate	S.E.	C.R.	P	Label
e45	.824	.153	5.389	***	
e31	.781	.147	5.310	***	
e47	.647	.134	4.832	***	
e48	1.018	.198	5.138	***	
e49	.813	.176	4.616	***	
e50	1.033	.209	4.951	***	
e51	1.135	.232	4.897	***	
e52	.986	.197	5.016	***	
e53	.828	.167	4.970	***	
e54	.695	.160	4.345	***	
e46	.648	.127	5.083	***	
e22	.765	.156	4.895	***	
e23	.656	.129	5.105	***	
e24	.360	.091	3.971	***	
e25	.249	.076	3.293	***	
e26	.802	.152	5.289	***	
e27	.360	.083	4.340	***	

Modification Indices (Group number 1 – Default model)

Covariances: (Group number 1 – Default model)

	M.I.	Par Change
e26 <-> PG	5.293	.097
e25 <-> SG	4.022	.043
e25 <-> e26	4.058	.146
e23 <-> e26	10.067	-.312
e46 <-> e26	4.870	-.216
e46 <-> e23	4.201	.184
e54 <-> e25	5.040	-.166
e52 <-> PG	8.057	-.135
e52 <-> SG	4.138	.073
e51 <-> e25	4.014	.180
e51 <-> e22	7.729	-.370
e50 <-> PD	5.204	.177
e49 <-> e46	5.646	.248
e49 <-> e51	4.076	-.282
e48 <-> e27	5.702	-.185
e48 <-> e46	4.018	.195
e47 <-> e50	4.192	.239
e47 <-> e49	7.830	-.299

	M.I.	Par Change
e31 <-> e47	4.243	-.203
e45 <-> e49	4.348	.184
e44 <-> IG	10.072	.174
e44 <-> e46	4.555	.201
e44 <-> e51	4.758	-.276
e43 <-> e47	6.789	.309
e43 <-> e31	6.731	-.326
e42 <-> e50	4.323	.226
e42 <-> e44	5.108	-.202
e41 <-> PD	6.719	.142
e41 <-> e25	4.465	-.128
e41 <-> e31	4.701	-.189
e41 <-> e42	6.261	.193
e39 <-> SG	6.740	-.082
e38 <-> e27	8.501	-.215
e38 <-> e26	5.827	.244
e38 <-> e50	4.230	-.243
e38 <-> e39	5.300	-.232
e37 <-> e26	4.787	.189
e37 <-> e46	5.454	-.184
e37 <-> e53	4.541	.192
e37 <-> e47	4.525	-.172
e37 <-> e39	5.235	.197
e37 <-> e38	6.144	.201
e36 <-> PG	4.182	-.088
e36 <-> e22	8.080	.320
e36 <-> e31	10.875	.361
e35 <-> e37	8.842	.163
e34 <-> e51	7.682	.219
e33 <-> e35	4.465	-.119
e33 <-> e34	8.329	.155
e32 <-> e51	5.980	.412
e32 <-> e43	4.516	-.346
e21 <-> e50	5.041	.295
e21 <-> e31	5.868	.269
e21 <-> e44	6.364	.273
e21 <-> e32	9.121	.435
e20 <-> PD	10.738	-.222
e20 <-> e33	5.229	.208
e19 <-> e52	6.279	.321
e19 <-> e39	4.224	-.233

	M.I.	Par Change
e18 <-> e45	5.540	.168
e17 <-> SDP	9.436	.330
e17 <-> e18	4.984	.186
e16 <-> e25	10.155	.194
e16 <-> e32	5.924	-.278
e15 <-> e49	6.608	-.249
e15 <-> e47	6.840	.221
e15 <-> e31	9.082	-.269
e15 <-> e33	5.698	.181
e14 <-> PD	9.305	.221
e14 <-> e25	4.382	-.166
e14 <-> e43	5.235	.318
e14 <-> e38	6.958	-.291
e14 <-> e33	6.314	-.245
e13 <-> e17	10.474	-.253
e13 <-> e14	5.023	.213
e12 <-> UA	5.897	.083
e12 <-> e54	5.024	.150
e12 <-> e52	4.767	.164
e12 <-> e13	7.007	.142
e11 <-> UA	4.368	-.091
e11 <-> SG	4.444	.052
e11 <-> e31	4.026	-.167
e11 <-> e39	8.147	-.241
e11 <-> e38	6.439	.202
e11 <-> e32	7.744	-.300
e10 <-> e19	8.431	-.249
e08 <-> e50	6.241	-.300
e08 <-> e42	4.418	-.188
e08 <-> e38	6.673	.251
e08 <-> e11	6.703	.210
e07 <-> PD	8.373	-.212
e07 <-> e42	5.180	-.234
e07 <-> e37	10.560	.310
e07 <-> e36	4.714	-.266
e07 <-> e21	5.409	-.289
e07 <-> e20	6.063	.296
e06 <-> e44	6.780	.260
e06 <-> e38	4.366	-.205
e05 <-> e44	5.860	.252
e05 <-> e06	7.628	.289

	M.I.	Par Change
e04 <-> e54	8.383	-.348
e04 <-> e42	4.149	.210
e04 <-> e19	15.599	.495
e04 <-> e07	4.734	-.285
e03 <-> PG	5.591	-.098
e03 <-> e31	4.068	.209
e03 <-> e33	4.610	-.189
e03 <-> e19	6.445	.283
e03 <-> e04	6.672	.302
e02 <-> SDP	5.402	-.271
e02 <-> e49	6.454	-.284
e02 <-> e45	5.807	-.195
e02 <-> e39	6.551	-.268
e02 <-> e33	7.003	.231
e02 <-> e20	4.559	.227
e02 <-> e18	4.195	-.185
e02 <-> e17	5.063	-.212
e02 <-> e11	4.339	.172
e01 <-> PD	4.583	-.142
e01 <-> e46	6.495	-.249
e01 <-> e20	6.353	.274
e01 <-> e08	4.292	-.212
E01 <-> e02	5.133	.236

Model Fit Summary

CMIN

Model	NPAR	CMIN	DF	P	CMIN/DF
Default model	114	2416.806	1161	.000	2.082
Saturated model	1275	.000	0		
Independence model	50	3710.041	1225	.000	3.029

RMR, GFI

Model	RMR	GFI	AGFI	PGFI
Default model	.138	.475	.423	.432
Saturated model	.000	1.000		
Independence model	.429	.166	.132	.160

Baseline Comparisons

Model	NFI Delta1	RFI rho1	IFI Delta2	TLI rho2	CFI
Default model	.349	.313	.507	.467	.495
Saturated model	1.000		1.000		1.000
Independence model	.000	.000	.000	.000	.000

Parsimony-Adjusted Measures

Model	PRATIO	PNFI	PCFI
Default model	.948	.330	.469
Saturated model	.000	.000	.000
Independence model	1.000	.000	.000

NCP

Model	NCP	LO 90	HI 90
Default model	1255.806	1118.656	1400.674
Saturated model	.000	.000	.000
Independence model	2485.041	2305.655	2671.956

FMIN

Model	FMIN	F0	LO 90	HI 90
Default model	40.963	21.285	18.960	23.740
Saturated model	.000	.000	.000	.000
Independence model	62.882	42.119	39.079	45.287

RMSEA

Model	RMSEA	LO 90	HI 90	PCLOSE
Default model	.135	.128	.143	.000
Independence model	.185	.179	.192	.000

AIC

Model	AIC	BCC	BIC	CAIC
Default model	2644.806	4098.306	2883.561	2997.561
Saturated model	2550.000	18806.250	5220.289	6495.289
Independence model	3810.041	4447.541	3914.759	3964.759

ECVI

Model	ECVI	LO 90	HI 90	MECVI
Default model	44.827	42.503	47.283	69.463
Saturated model	43.220	43.220	43.220	318.750
Independence model	64.577	61.537	67.745	75.382

HOELTER

Model	HOELTER .05	HOELTER .01
Default model	31	32
Independence model	21	22

Execution time summary

Minimization:	.062
Miscellaneous:	4.750
Bootstrap:	.000
Total:	4.812

A-3

A-3 Confirmatory model (before modification)

The model is recursive.
Sample size = 463

Variable Summary (Group number 1)

Your model contains the following variables (Group number 1)

Observed, endogenous variables
Q01
Q02
Q03
Q04
Q05
Q06
Q07
Q08
Q09
Q10
Q11
Q12
Q13
Q14
Q15
Q16
Q17
Q18
Q19
Q20
Q21
Q23
Q24
Q25
Q26
Q27
Q28
Q29
Q30
Q31
Q32
Q33
Q34
Q35
Q22
Q37
Q38
Q39
Q40
Q41
Q42
Q43
Q44
Q36

Q45
Q46
Q47
Q48
Q49
Q50
Unobserved, exogenous variables
e01
e02
e03
e04
e05
e06
SG
e07
e08
e09
e10
e11
e12
IG
e13
e14
e15
e16
e17
e18
e19
e20
e21
e32
e33
e34
e35
e36
e37
e38
e39
e41
e42
e43
e44
e45
PG
PD
e31
e47
e48
e49
e50
e51

e52
e53
e54
UAV
e46
e22
e23
e24
e25
e26
SDP
e27

Variable counts (Group number 1)

Number of variables in your model:	106
Number of observed variables:	50
Number of unobserved variables:	56
Number of exogenous variables:	56
Number of endogenous variables:	50

Parameter summary (Group number 1)

	Weights	Covariances	Variances	Means	Intercepts	Total
Fixed	56	0	0	0	0	56
Labeled	0	0	0	0	0	0
Unlabeled	44	15	56	0	0	115
Total	100	15	56	0	0	171

Models

Default model (Default model)

Notes for Model (Default model)

Computation of degrees of freedom (Default model)

Number of distinct sample moments:	1275
Number of distinct parameters to be estimated:	115
Degrees of freedom (1275 - 115):	1160

Result (Default model)

Minimum was achieved
Chi-square = 2815.705
Degrees of freedom = 1160
Probability level = .000

Group number 1 (Group number 1 - Default model)
Estimates (Group number 1 - Default model)
Scalar Estimates (Group number 1 - Default model)
Maximum Likelihood Estimates
Regression Weights: (Group number 1 - Default model)

			Estimate	S.E.	C.R.	P	Label
Q01	<---	SG	1.000				
Q02	<---	SG	-.660	.099	-6.697	***	
Q03	<---	SG	.820	.103	7.945	***	
Q05	<---	SG	.966	.105	9.236	***	
Q06	<---	SG	.944	.109	8.666	***	
Q04	<---	SG	.968	.110	8.828	***	
Q11	<---	IG	.832	.096	8.635	***	
Q12	<---	IG	.956	.099	9.664	***	
Q13	<---	IG	1.153	.112	10.303	***	
Q14	<---	IG	.987	.099	10.002	***	
Q15	<---	IG	.889	.097	9.174	***	
Q23	<---	PG	1.000				
Q24	<---	PG	-.609	.080	-7.590	***	
Q25	<---	PG	.852	.080	10.641	***	
Q26	<---	PG	.874	.077	11.424	***	
Q33	<---	PD	1.000				
Q34	<---	PD	.793	.087	9.154	***	
Q35	<---	PD	-.582	.077	-7.530	***	
Q10	<---	IG	1.000				
Q07	<---	SG	.914	.106	8.600	***	
Q08	<---	SG	1.009	.111	9.104	***	
Q09	<---	SG	-.990	.111	-8.912	***	
Q16	<---	IG	1.010	.103	9.823	***	
Q17	<---	IG	1.181	.109	10.828	***	
Q18	<---	IG	1.260	.115	10.919	***	
Q19	<---	IG	.926	.098	9.438	***	
Q20	<---	IG	.912	.098	9.328	***	
Q21	<---	IG	1.186	.111	10.688	***	
Q22	<---	PG	.701	.070	9.953	***	
Q27	<---	PG	.851	.075	11.355	***	
Q28	<---	PG	.898	.078	11.513	***	
Q29	<---	PG	.953	.082	11.663	***	
Q30	<---	PG	.954	.082	11.661	***	
Q32	<---	PD	1.076	.092	11.638	***	
Q39	<---	UAV	.908	.118	7.674	***	
Q40	<---	UAV	1.269	.135	9.408	***	
Q41	<---	UAV	.892	.114	7.809	***	
Q42	<---	UAV	1.247	.135	9.243	***	
Q43	<---	UAV	-.808	.118	-6.856	***	

			Estimate	S.E.	C.R.	P	Label
Q44	<---	UAV	.920	.116	7.941	***	
Q31	<---	PG	.850	.075	11.315	***	
Q36	<---	PD	1.091	.094	11.556	***	
Q37	<---	PD	.853	.082	10.350	***	
Q38	<---	UAV	1.000				
Q45	<---	SDP	1.000				
Q46	<---	SDP	.361	.097	3.705	***	
Q47	<---	SDP	.369	.099	3.737	***	
Q48	<---	SDP	.605	.106	5.726	***	
Q49	<---	SDP	.462	.103	4.495	***	
Q50	<---	SDP	1.095	.141	7.793	***	

Standardized Regression Weights: (Group number 1 - Default model)

			Estimate
Q01	<---	SG	.522
Q02	<---	SG	-.361
Q03	<---	SG	.448
Q05	<---	SG	.556
Q06	<---	SG	.506
Q04	<---	SG	.520
Q11	<---	IG	.466
Q12	<---	IG	.539
Q13	<---	IG	.588
Q14	<---	IG	.564
Q15	<---	IG	.503
Q23	<---	PG	.630
Q24	<---	PG	-.384
Q25	<---	PG	.561
Q26	<---	PG	.610
Q33	<---	PD	.626
Q34	<---	PD	.494
Q35	<---	PD	-.396
Q10	<---	IG	.568
Q07	<---	SG	.500
Q08	<---	SG	.544
Q09	<---	SG	-.527
Q16	<---	IG	.551
Q17	<---	IG	.631
Q18	<---	IG	.638
Q19	<---	IG	.522
Q20	<---	IG	.514
Q21	<---	IG	.619
Q22	<---	PG	.519
Q27	<---	PG	.605
Q28	<---	PG	.616

			Estimate
Q29	<---	PG	.625
Q30	<---	PG	.625
Q32	<---	PD	.663
Q39	<---	UAV	.444
Q40	<---	UAV	.595
Q41	<---	UAV	.454
Q42	<---	UAV	.579
Q43	<---	UAV	-.384
Q44	<---	UAV	.465
Q31	<---	PG	.603
Q36	<---	PD	.657
Q37	<---	PD	.572
Q38	<---	UAV	.532
Q45	<---	SDP	.602
Q46	<---	SDP	.220
Q47	<---	SDP	.222
Q48	<---	SDP	.363
Q49	<---	SDP	.272
Q50	<---	SDP	.666

Covariances: (Group number 1 - Default model)

			Estimate	S.E.	C.R.	P	Label
SG	<-->	PG	.508	.061	8.254	***	
IG	<-->	PG	.509	.058	8.717	***	
PG	<-->	PD	-.462	.057	-8.101	***	
PG	<-->	SDP	.111	.036	3.048	.002	
PG	<-->	UAV	-.361	.048	-7.529	***	
SG	<-->	PD	-.409	.053	-7.704	***	
IG	<-->	PD	-.401	.050	-8.080	***	
PD	<-->	SDP	.082	.036	2.301	.021	
PD	<-->	UAV	.444	.055	8.046	***	
UAV	<-->	SDP	.087	.029	2.964	.003	
IG	<-->	UAV	-.291	.040	-7.340	***	
SG	<-->	UAV	-.318	.044	-7.199	***	
SG	<-->	IG	.395	.050	7.891	***	
IG	<-->	SDP	.098	.029	3.386	***	
SG	<-->	SDP	.054	.029	1.847	.065	

Correlations: (Group number 1 - Default model)

			Estimate
SG	<-->	PG	.955
IG	<-->	PG	.960
PG	<-->	PD	-.711
PG	<-->	SDP	.206
PG	<-->	UAV	-.731
SG	<-->	PD	-.801
IG	<-->	PD	-.787
PD	<-->	SDP	.159
PD	<-->	UAV	.936
UAV	<-->	SDP	.220
IG	<-->	UAV	-.751
SG	<-->	UAV	-.819
SG	<-->	IG	.947
IG	<-->	SDP	.233
SG	<-->	SDP	.128

Variances: (Group number 1 - Default model)

	Estimate	S.E.	C.R.	P	Label
SG	.418	.073	5.768	***	
IG	.417	.065	6.436	***	
PG	.675	.093	7.284	***	
PD	.625	.089	6.994	***	
UAV	.361	.063	5.705	***	
SDP	.428	.079	5.421	***	
e01	1.116	.076	14.591	***	
e02	1.221	.082	14.971	***	
e03	1.118	.075	14.804	***	
e04	1.059	.073	14.599	***	
e05	.873	.060	14.459	***	
e06	1.084	.074	14.645	***	
e07	1.047	.071	14.663	***	
e08	1.014	.070	14.509	***	
e09	1.067	.073	14.573	***	
e10	.875	.060	14.590	***	
e11	1.038	.070	14.848	***	
e12	.931	.063	14.678	***	
e13	1.050	.072	14.522	***	
e14	.869	.060	14.602	***	
e15	.971	.066	14.768	***	
e16	.977	.067	14.644	***	
e17	.881	.061	14.345	***	
e18	.961	.067	14.308	***	
e19	.954	.065	14.722	***	
e20	.963	.065	14.742	***	

	Estimate	S.E.	C.R.	P	Label
e21	.944	.066	14.398	***	
e32	1.024	.072	14.240	***	
e33	1.452	.097	14.954	***	
e34	1.071	.074	14.540	***	
e35	.872	.061	14.341	***	
e36	.844	.059	14.361	***	
e37	.892	.062	14.314	***	
e38	.955	.067	14.266	***	
e39	.958	.067	14.266	***	
e41	.854	.059	14.373	***	
e42	.922	.070	13.155	***	
e43	.967	.071	13.537	***	
e44	1.216	.084	14.389	***	
e45	1.135	.077	14.737	***	
e31	.903	.062	14.672	***	
e47	.936	.067	13.965	***	
e48	.914	.065	14.114	***	
e49	1.211	.083	14.543	***	
e50	1.056	.077	13.639	***	
e51	1.103	.076	14.502	***	
e52	1.112	.081	13.780	***	
e53	1.360	.092	14.742	***	
e54	1.108	.077	14.458	***	
e46	.980	.074	13.225	***	
e22	.751	.071	10.522	***	
e23	1.100	.074	14.814	***	
e24	1.126	.076	14.806	***	
e25	1.028	.073	14.028	***	
e26	1.139	.078	14.588	***	
e27	.643	.073	8.803	***	

Squared Multiple Correlations: (Group number 1 - Default model)

	Estimate
Q50	.444
Q49	.074
Q48	.132
Q47	.049
Q46	.048
Q45	.363
Q36	.432
Q44	.216
Q43	.148
Q42	.335
Q41	.206
Q40	.355
Q39	.197
Q38	.283
Q37	.327
Q22	.269
Q35	.157
Q34	.244
Q33	.392
Q32	.440
Q31	.363
Q30	.391
Q29	.391
Q28	.379
Q27	.367
Q26	.372
Q25	.314
Q24	.147
Q23	.397
Q21	.383
Q20	.265
Q19	.273
Q18	.407
Q17	.398
Q16	.303
Q15	.253
Q14	.318
Q13	.345
Q12	.290
Q11	.217
Q10	.323
Q09	.278
Q08	.296

	Estimate
Q07	.250
Q06	.256
Q05	.309
Q04	.270
Q03	.201
Q02	.130
Q01	.273

Model Fit Summary

CMIN

Model	NPAR	CMIN	DF	P	CMIN/DF
Default model	115	2815.705	1160	.000	2.427
Saturated model	1275	.000	0		
Independence model	50	8395.139	1225	.000	6.853

RMR, GFI

Model	RMR	GFI	AGFI	PGFI
Default model	.089	.807	.788	.734
Saturated model	.000	1.000		
Independence model	.350	.254	.224	.244

Baseline Comparisons

Model	NFI Delta1	RFI rho1	IFI Delta2	TLI rho2	CFI
Default model	.665	.646	.771	.756	.769
Saturated model	1.000		1.000		1.000
Independence model	.000	.000	.000	.000	.000

Parsimony-Adjusted Measures

Model	PRATIO	PNFI	PCFI
Default model	.947	.629	.728
Saturated model	.000	.000	.000
Independence model	1.000	.000	.000

NCP

Model	NCP	LO 90	HI 90
Default model	1655.705	1503.931	1815.115
Saturated model	.000	.000	.000
Independence model	7170.139	6883.236	7463.647

FMIN

Model	FMIN	F0	LO 90	HI 90
Default model	6.095	3.584	3.255	3.929
Saturated model	.000	.000	.000	.000
Independence model	18.171	15.520	14.899	16.155

RMSEA

Model	RMSEA	LO 90	HI 90	PCLOSE
Default model	.056	.053	.058	.000
Independence model	.113	.110	.115	.000

AIC

Model	AIC	BCC	BIC	CAIC
Default model	3045.705	3074.245	3521.543	3636.543
Saturated model	2550.000	2866.423	7825.602	9100.602
Independence model	8495.139	8507.548	8702.025	8752.025

ECVI

Model	ECVI	LO 90	HI 90	MECVI
Default model	6.592	6.264	6.937	6.654
Saturated model	5.519	5.519	5.519	6.204
Independence model	18.388	17.767	19.023	18.415

HOELTER

Model	HOELTER .05	HOELTER .01
Default model	204	210
Independence model	72	74

Execution time summary

Minimization:	.124
Miscellaneous:	3.667
Bootstrap:	.000
Total:	3.791

A-3 Modified Confirmatory Model (After Deletion)

Confirmatory
The model is recursive.
Sample size = 463

Variable Summary (Group number 1)

Your model contains the following variables (Group number 1)

Observed, endogenous variables
Q01
Q04
Q05
Q08
Q13
Q17
Q18
Q21
Q23
Q28
Q29
Q30
Q32
Q33
Q37
Q38
Q40
Q42
Q44
Q36
Q45
Q46
Q47
Q48
Q49
Q50
Unobserved, exogenous variables
e01
e04
e05
GAP1
e08
e13
GAP2
e17

e18
e21
e32
e37
e38
e39
e42
e43
GAP3
PD
e47
e48
e50
e52
e54
UA
e46
e22
e23
e24
e25
e26
SDP
e27

Variable counts (Group number 1)

Number of variables in your model:	58
Number of observed variables:	26
Number of unobserved variables:	32
Number of exogenous variables:	32
Number of endogenous variables:	26

Parameter summary (Group number 1)

	Weights	Covariances	Variances	Means	Intercepts	Total
Fixed	32	0	0	0	0	32
Labeled	0	0	0	0	0	0
Unlabeled	20	22	32	0	0	74
Total	52	22	32	0	0	106

Models

Default model (Default model)

Notes for Model (Default model)

Computation of degrees of freedom (Default model)

Number of distinct sample moments: 351
Number of distinct parameters to be estimated: 74
Degrees of freedom (351 - 74): 277

Result (Default model)

Minimum was achieved
Chi-square = 446.592
Degrees of freedom = 277
Probability level = .000

Group number 1 (Group number 1 - Default model)

Estimates (Group number 1 - Default model)

Scalar Estimates (Group number 1 - Default model)

Maximum Likelihood Estimates

Regression Weights: (Group number 1 - Default model)

			Estimate	S.E.	C.R.	P	Label
Q01	<---	GAP1	1.000				
Q05	<---	GAP1	.982	.107	9.203	***	
Q04	<---	GAP1	1.023	.113	9.033	***	
Q13	<---	GAP2	1.000				
Q23	<---	GAP3	1.000				
Q33	<---	PD	1.000				
Q08	<---	GAP1	.954	.110	8.642	***	
Q17	<---	GAP2	.990	.090	10.980	***	
Q18	<---	GAP2	1.042	.095	10.973	***	
Q21	<---	GAP2	.988	.092	10.774	***	
Q28	<---	GAP3	.893	.079	11.272	***	
Q29	<---	GAP3	.921	.081	11.424	***	
Q30	<---	GAP3	.953	.083	11.478	***	
Q32	<---	PD	1.046	.091	11.524	***	
Q40	<---	UA	1.331	.152	8.761	***	
Q42	<---	UA	1.337	.153	8.734	***	
Q44	<---	UA	.971	.129	7.532	***	
Q36	<---	PD	1.057	.092	11.435	***	
Q37	<---	PD	.835	.081	10.307	***	
Q38	<---	UA	1.000				
Q45	<---	SDP	1.000				

			Estimate	S.E.	C.R.	P	Label
Q46	<---	SDP	.242	.082	2.940	.003	
Q47	<---	SDP	.227	.085	2.656	.008	
Q48	<---	SDP	.353	.087	4.057	***	
Q49	<---	SDP	.197	.088	2.253	.024	
Q50	<---	SDP	1.139	.159	7.160	***	

Standardized Regression Weights: (Group number 1 - Default model)

			Estimate
Q01	<---	GAP1	.534
Q05	<---	GAP1	.578
Q04	<---	GAP1	.561
Q13	<---	GAP2	.603
Q23	<---	GAP3	.637
Q33	<---	PD	.651
Q08	<---	GAP1	.526
Q17	<---	GAP2	.625
Q18	<---	GAP2	.625
Q21	<---	GAP2	.610
Q28	<---	GAP3	.619
Q29	<---	GAP3	.612
Q30	<---	GAP3	.628
Q32	<---	PD	.668
Q40	<---	UA	.598
Q42	<---	UA	.594
Q44	<---	UA	.469
Q36	<---	PD	.662
Q37	<---	PD	.579
Q38	<---	UA	.509
Q45	<---	SDP	.656
Q46	<---	SDP	.161
Q47	<---	SDP	.148
Q48	<---	SDP	.233
Q49	<---	SDP	.127
Q50	<---	SDP	.754

Covariances: (Group number 1 - Default model)

			Estimate	S.E.	C.R.	P	Label
GAP1	<-->	GAP2	.466	.059	7.854	***	
PD	<-->	UA	.419	.055	7.619	***	
GAP1	<-->	GAP3	.533	.065	8.166	***	

			Estimate	S.E.	C.R.	P	Label
GAP2	<-->	GAP3	.619	.070	8.864	***	
GAP3	<-->	PD	-.453	.059	-7.665	***	
GAP1	<-->	PD	-.352	.051	-6.888	***	
GAP2	<-->	PD	-.473	.059	-7.986	***	
GAP3	<-->	UA	-.352	.050	-7.082	***	
GAP1	<-->	UA	-.297	.044	-6.689	***	
GAP2	<-->	UA	-.335	.047	-7.049	***	
GAP1	<-->	SDP	.083	.035	2.383	.017	
GAP2	<-->	SDP	.126	.039	3.219	.001	
UA	<-->	SDP	.069	.030	2.276	.023	
PD	<-->	SDP	.106	.040	2.653	.008	
GAP3	<-->	SDP	.092	.041	2.268	.023	
e24	<-->	e25	.116	.045	2.610	.009	
e25	<-->	e26	.614	.061	10.013	***	
e38	<-->	e23	.316	.053	5.959	***	
e42	<-->	e25	.065	.043	1.499	.134	
e39	<-->	e24	.171	.052	3.314	***	
e47	<-->	e50	.174	.053	3.266	.001	
e47	<-->	e25	.109	.042	2.615	.009	

Correlations: (Group number 1 - Default model)

			Estimate
GAP1	<-->	GAP2	.924
PD	<-->	UA	.888
GAP1	<-->	GAP3	.970
GAP2	<-->	GAP3	.975
GAP3	<-->	PD	-.663
GAP1	<-->	PD	-.648
GAP2	<-->	PD	-.754
GAP3	<-->	UA	-.737
GAP1	<-->	UA	-.781
GAP2	<-->	UA	-.762
GAP1	<-->	SDP	.176
GAP2	<-->	SDP	.231
UA	<-->	SDP	.168
PD	<-->	SDP	.182
GAP3	<-->	SDP	.155
e24	<-->	e25	.103
e25	<-->	e26	.530
e38	<-->	e23	.302

			Estimate
e42	<-->	e25	.064
e39	<-->	e24	.162
e47	<-->	e50	.176
e47	<-->	e25	.107

Variances: (Group number 1 - Default model)

	Estimate	S.E.	C.R.	P	Label
GAP1	.437	.077	5.645	***	
GAP2	.583	.087	6.704	***	
GAP3	.690	.097	7.146	***	
PD	.675	.095	7.124	***	
UA	.330	.063	5.242	***	
SDP	.507	.092	5.496	***	
e01	1.097	.079	13.902	***	
e04	.994	.073	13.659	***	
e05	.842	.062	13.492	***	
e08	1.042	.075	13.966	***	
e13	1.020	.074	13.821	***	
e17	.890	.065	13.617	***	
e18	.989	.073	13.622	***	
e21	.961	.070	13.761	***	
e32	1.009	.075	13.430	***	
e37	.885	.065	13.609	***	
e38	.976	.071	13.670	***	
e39	.961	.071	13.521	***	
e42	.917	.074	12.338	***	
e43	.917	.073	12.602	***	
e47	.935	.070	13.423	***	
e48	.944	.068	13.839	***	
e50	1.052	.082	12.905	***	
e52	1.082	.084	12.952	***	
e54	1.102	.078	14.122	***	
e46	.969	.078	12.449	***	
e22	.673	.080	8.407	***	
e23	1.124	.075	15.030	***	
e24	1.158	.077	15.058	***	
e25	1.105	.074	14.949	***	
e26	1.211	.080	15.092	***	
e27	.499	.092	5.437	***	

Notes for Model (Group number 1 - Default model)

The following covariance matrix is not positive definite (Group number 1 - Default model)

	SDP	UA	PD	GAP3	GAP2	GAP1
SDP	.507					
UA	.069	.330				
PD	.106	.419	.675			
GAP3	.092	-.352	-.453	.690		
GAP2	.126	-.335	-.473	.619	.583	
GAP1	.083	-.297	-.352	.533	.466	.437

Notes for Group/Model (Group number 1 - Default model)

This solution is not admissible.

Modification Indices (Group number 1 - Default model)

Model Fit Summary

CMIN

Model	NPAR	CMIN	DF	P	CMIN/DF
Default model	74	446.592	277	.000	1.612
Saturated model	351	.000	0		
Independence model	26	3375.344	325	.000	10.386

RMR, GFI

Model	RMR	GFI	AGFI	PGFI
Default model	.065	.932	.914	.736
Saturated model	.000	1.000		
Independence model	.354	.406	.359	.376

Baseline Comparisons

Model	NFI Delta1	RFI rho1	IFI Delta2	TLI rho2	CFI
Default model	.868	.845	.945	.935	.944
Saturated model	1.000		1.000		1.000
Independence model	.000	.000	.000	.000	.000

Parsimony-Adjusted Measures

Model	PRATIO	PNFI	PCFI
Default model	.852	.740	.805
Saturated model	.000	.000	.000

Model	PRATIO	PNFI	PCFI
Independence model	1.000	.000	.000

NCP

Model	NCP	LO 90	HI 90
Default model	169.592	115.771	231.329
Saturated model	.000	.000	.000
Independence model	3050.344	2867.483	3240.552

FMIN

Model	FMIN	F0	LO 90	HI 90
Default model	.967	.367	.251	.501
Saturated model	.000	.000	.000	.000
Independence model	7.306	6.602	6.207	7.014

RMSEA

Model	RMSEA	LO 90	HI 90	PCLOSE
Default model	.036	.030	.043	1.000
Independence model	.143	.138	.147	.000

AIC

Model	AIC	BCC	BIC	CAIC
Default model	594.592	603.778	900.784	974.784
Saturated model	702.000	745.572	2154.342	2505.342
Independence model	3427.344	3430.571	3534.925	3560.925

ECVI

Model	ECVI	LO 90	HI 90	MECVI
Default model	1.287	1.170	1.421	1.307
Saturated model	1.519	1.519	1.519	1.614
Independence model	7.418	7.023	7.830	7.425

HOELTER

Model	HOELTER .05	HOELTER .01
Default model	328	347
Independence model	51	54

A-4

Appendix – A4

Confirmatory After control of Common Method Bias

Estimates (Group number 1 - Default model)

Scalar Estimates (Group number 1 - Default model)

Maximum Likelihood Estimates

Regression Weights: (Group number 1 - Default model)

			Estimate	S.E.	C.R.	P	Label
Q01	<---	GAP1	1.000				
Q05	<---	GAP1	.849	.086	9.850	***	
Q04	<---	GAP1	.696	.083	8.395	***	
Q13	<---	GAP2	1.000				
Q33	<---	PD	1.000				
Q17	<---	GAP2	1.121	.071	15.900	***	
Q18	<---	GAP2	1.292	.080	16.228	***	
Q21	<---	GAP2	1.013	.073	13.889	***	
Q28	<---	GAP3	.749	.053	14.160	***	
Q29	<---	GAP3	.937	.062	15.195	***	
Q30	<---	GAP3	.831	.059	14.146	***	
Q32	<---	PD	1.063	.023	46.910	***	
Q40	<---	UA	1.260	.043	29.466	***	
Q42	<---	UA	1.196	.035	33.701	***	
Q44	<---	UA	.970	.029	33.940	***	
Q36	<---	PD	1.048	.026	40.825	***	
Q37	<---	PD	.925	.024	38.478	***	
Q38	<---	UA	1.000				
Q45	<---	SDP	1.000				
Q46	<---	SDP	-.340	.188	-1.812	.070	
Q47	<---	SDP	-.456	.191	-2.384	.017	
Q48	<---	SDP	-.597	.208	-2.866	.004	
Q49	<---	SDP	-.296	.173	-1.705	.088	
Q50	<---	SDP	.912	.065	14.040	***	
Q08	<---	GAP1	1.209	.106	11.444	***	
Q23	<---	GAP3	1.000				
Q01	<---	C-F	1.064	.035	30.339	***	a
Q04	<---	C-F	1.064	.035	30.339	***	a
Q05	<---	C-F	1.064	.035	30.339	***	a
Q08	<---	C-F	1.064	.035	30.339	***	a

			Estimate	S.E.	C.R.	P	Label
Q13	<---	C-F	1.064	.035	30.339	***	a
Q17	<---	C-F	1.064	.035	30.339	***	a
Q18	<---	C-F	1.064	.035	30.339	***	a
Q21	<---	C-F	1.064	.035	30.339	***	a
Q30	<---	C-F	1.064	.035	30.339	***	a
Q29	<---	C-F	1.064	.035	30.339	***	a
Q28	<---	C-F	1.064	.035	30.339	***	a
Q23	<---	C-F	1.064	.035	30.339	***	a
Q37	<---	C-F	1.064	.035	30.339	***	a
Q36	<---	C-F	1.064	.035	30.339	***	a
Q33	<---	C-F	1.064	.035	30.339	***	a
Q32	<---	C-F	1.064	.035	30.339	***	a
Q44	<---	C-F	1.064	.035	30.339	***	a
Q42	<---	C-F	1.064	.035	30.339	***	a
Q40	<---	C-F	1.064	.035	30.339	***	a
Q38	<---	C-F	1.064	.035	30.339	***	a
Q45	<---	C-F	1.064	.035	30.339	***	a
Q46	<---	C-F	1.064	.035	30.339	***	a
Q47	<---	C-F	1.064	.035	30.339	***	a
Q48	<---	C-F	1.064	.035	30.339	***	a
Q49	<---	C-F	1.064	.035	30.339	***	a
Q50	<---	C-F	1.064	.035	30.339	***	a

Standardized Regression Weights: (Group number 1 - Default model)

			Estimate
Q01	<---	GAP1	.210
Q05	<---	GAP1	.193
Q04	<---	GAP1	.147
Q13	<---	GAP2	.334
Q33	<---	PD	.716
Q17	<---	GAP2	.376
Q18	<---	GAP2	.421
Q21	<---	GAP2	.336
Q28	<---	GAP3	.306
Q29	<---	GAP3	.369
Q30	<---	GAP3	.330
Q32	<---	PD	.750
Q40	<---	UA	.727
Q42	<---	UA	.686
Q44	<---	UA	.613

			Estimate
Q36	<---	PD	.732
Q37	<---	PD	.688
Q38	<---	UA	.612
Q45	<---	SDP	.242
Q46	<---	SDP	-.077
Q47	<---	SDP	-.111
Q48	<---	SDP	-.146
Q49	<---	SDP	-.072
Q50	<---	SDP	.221
Q08	<---	GAP1	.251
Q23	<---	GAP3	.382
Q01	<---	C-F	.912
Q04	<---	C-F	.916
Q05	<---	C-F	.989
Q08	<---	C-F	.902
Q13	<---	C-F	.878
Q17	<---	C-F	.882
Q18	<---	C-F	.857
Q21	<---	C-F	.873
Q30	<---	C-F	.879
Q29	<---	C-F	.870
Q28	<---	C-F	.902
Q23	<---	C-F	.843
Q37	<---	C-F	.670
Q36	<---	C-F	.629
Q33	<---	C-F	.645
Q32	<---	C-F	.635
Q44	<---	C-F	.710
Q42	<---	C-F	.644
Q40	<---	C-F	.647
Q38	<---	C-F	.687
Q45	<---	C-F	.958
Q46	<---	C-F	.897
Q47	<---	C-F	.968
Q48	<---	C-F	.972
Q49	<---	C-F	.963
Q50	<---	C-F	.962

Covariances: (Group number 1 - Default model)

			Estimate	S.E.	C.R.	P	Label

			Estimate	S.E.	C.R.	P	Label
GAP1	<-->	GAP2	.114	.015	7.688	***	
GAP1	<-->	GAP3	.125	.017	7.473	***	
GAP1	<-->	PD	-.277	.031	-8.964	***	
GAP1	<-->	UA	-.226	.025	-8.925	***	
GAP1	<-->	SDP	-.031	.007	-4.352	***	
GAP2	<-->	GAP3	.192	.021	9.032	***	
GAP2	<-->	PD	-.296	.034	-8.736	***	
GAP2	<-->	UA	-.249	.028	-8.806	***	
GAP2	<-->	SDP	-.032	.008	-4.191	***	
PD	<-->	GAP3	-.349	.040	-8.705	***	
GAP3	<-->	UA	-.296	.033	-8.880	***	
GAP3	<-->	SDP	-.041	.009	-4.316	***	
PD	<-->	UA	1.112	.089	12.473	***	
PD	<-->	SDP	.135	.032	4.273	***	
UA	<-->	SDP	.110	.026	4.188	***	
e37	<-->	e38	.055	.008	7.258	***	
e21	<-->	e32	.066	.011	6.000	***	
e18	<-->	e27	.030	.004	6.803	***	
e08	<-->	e38	.061	.007	8.152	***	
e52	<-->	e54	.118	.018	6.491	***	
e48	<-->	e54	.147	.018	8.223	***	
e48	<-->	e46	.104	.015	6.734	***	
e54	<-->	e46	.064	.013	4.916	***	
e24	<-->	e26	.036	.004	8.122	***	
e50	<-->	e52	-.040	.012	-3.317	***	
e42	<-->	e50	-.016	.009	-1.845	.065	
e48	<-->	e52	.137	.020	6.683	***	
e23	<-->	C-F	.089	.012	7.250	***	
e52	<-->	e46	.109	.015	7.059	***	
e23	<-->	e24	.019	.004	5.344	***	
e37	<-->	e39	.036	.007	5.229	***	
e05	<-->	e18	-.055	.008	-7.237	***	
e08	<-->	e46	.028	.007	4.042	***	
e05	<-->	e38	-.038	.007	-5.715	***	
e39	<-->	e52	-.056	.010	-5.834	***	
e04	<-->	e48	.048	.010	4.708	***	
e47	<-->	e52	-.031	.010	-3.028	.002	
e21	<-->	e50	.051	.009	5.561	***	
e04	<-->	e42	.033	.007	4.363	***	
e05	<-->	C-F	-.094	.018	-5.302	***	
e42	<-->	GAP3	.027	.006	4.606	***	

Correlations: (Group number 1 - Default model)

			Estimate
GAP1	<-->	GAP2	1.154
GAP1	<-->	GAP3	1.063
GAP1	<-->	PD	-.958
GAP1	<-->	UA	-.975
GAP1	<-->	SDP	-.479
GAP2	<-->	GAP3	.983
GAP2	<-->	PD	-.620
GAP2	<-->	UA	-.651
GAP2	<-->	SDP	-.299
PD	<-->	GAP3	-.614
GAP3	<-->	UA	-.649
GAP3	<-->	SDP	-.315
PD	<-->	UA	.994
PD	<-->	SDP	.427
UA	<-->	SDP	.433
e37	<-->	e38	.385
e21	<-->	e32	.321
e18	<-->	e27	.465
e08	<-->	e38	.370
e52	<-->	e54	.406
e48	<-->	e54	.464
e48	<-->	e46	.382
e54	<-->	e46	.277
e24	<-->	e26	.500
e50	<-->	e52	-.188
e42	<-->	e50	-.141
e48	<-->	e52	.403
e23	<-->	C-F	.320
e52	<-->	e46	.437
e23	<-->	e24	.273
e37	<-->	e39	.239
e05	<-->	e18	-.355
e08	<-->	e46	.152
e05	<-->	e38	-.224
e39	<-->	e52	-.241
e04	<-->	e48	.184
e47	<-->	e52	-.126
e21	<-->	e50	.315
e04	<-->	e42	.244

			Estimate
e05	<-->	C-F	-.220
e42	<-->	GAP3	.185

Variances: (Group number 1 - Default model)

	Estimate	S.E.	C.R.	P	Label
C-F	1.000				
GAP1	.060	.013	4.546	***	
GAP2	.164	.022	7.479	***	
PD	1.395	.110	12.656	***	
GAP3	.232	.030	7.821	***	
UA	.898	.085	10.543	***	
SDP	.072	.020	3.647	***	
e01	.169	.011	15.036	***	
e04	.188	.012	15.079	***	
e05	.181	.012	15.276	***	
e08	.170	.011	14.848	***	
e13	.173	.012	14.198	***	
e17	.117	.009	13.178	***	
e18	.134	.011	12.071	***	
e21	.186	.013	14.327	***	
e32	.227	.017	13.453	***	
e37	.129	.010	13.593	***	
e38	.159	.012	13.119	***	
e39	.174	.013	13.704	***	
e42	.095	.011	8.675	***	
e43	.196	.015	13.006	***	
e47	.195	.015	13.279	***	
e48	.370	.026	14.271	***	
e50	.143	.017	8.401	***	
e52	.312	.026	12.096	***	
e54	.269	.019	13.818	***	
e46	.199	.016	12.726	***	
e22	.029	.006	5.149	***	
e23	.078	.006	12.759	***	
e24	.061	.005	11.912	***	
e25	.040	.005	8.319	***	
e26	.083	.006	13.019	***	
e27	.031	.005	5.992	***	

Squared Multiple Correlations: (Group number 1 - Default model)

	Estimate
Q50	.975
Q49	.932
Q48	.966
Q47	.950
Q46	.945
Q45	.976
Q36	.930
Q44	.880
Q42	.885
Q40	.947
Q38	.846
Q37	.923
Q33	.928
Q32	.966
Q30	.882
Q29	.893
Q28	.907
Q23	.857
Q21	.875
Q18	.913
Q17	.919
Q13	.882
Q08	.877
Q05	.844
Q04	.861
Q01	.876

Model Fit Summary

CMIN

Model	NPAR	CMIN	DF	P	CMIN/DF
Default model	94	1229.743	257	.000	4.785
Saturated model	351	.000	0		
Independence model	26	25540.388	325	.000	78.586

RMR, GFI

Model	RMR	GFI	AGFI	PGFI
Default model	.482	.842	.784	.616
Saturated model	.000	1.000		

Model	RMR	GFI	AGFI	PGFI
Independence model	.969	.078	.004	.072

Baseline Comparisons

Model	NFI Delta1	RFI rho1	IFI Delta2	TLI rho2	CFI
Default model	.952	.939	.962	.951	.961
Saturated model	1.000		1.000		1.000
Independence model	.000	.000	.000	.000	.000

Parsimony-Adjusted Measures

Model	PRATIO	PNFI	PCFI
Default model	.791	.753	.760
Saturated model	.000	.000	.000
Independence model	1.000	.000	.000

NCP

Model	NCP	LO 90	HI 90
Default model	972.743	867.292	1085.704
Saturated model	.000	.000	.000
Independence model	25215.388	24694.480	25742.599

FMIN

Model	FMIN	F0	LO 90	HI 90
Default model	2.662	2.106	1.877	2.350
Saturated model	.000	.000	.000	.000
Independence model	55.282	54.579	53.451	55.720

RMSEA

Model	RMSEA	LO 90	HI 90	PCLOSE
Default model	.091	.085	.096	.000
Independence model	.410	.406	.414	.000

AIC

Model	AIC	BCC	BIC	CAIC
Default model	1417.743	1429.412	1806.689	1900.689
Saturated model	702.000	745.572	2154.342	2505.342
Independence model	25592.388	25595.616	25699.969	25725.969

ECVI

Model	ECVI	LO 90	HI 90	MECVI
Default model	3.069	2.840	3.313	3.094
Saturated model	1.519	1.519	1.519	1.614
Independence model	55.395	54.267	56.536	55.402

HOELTER

Model	HOELTER .05	HOELTER .01
Default model	111	118
Independence model	7	8

A-5

Hypothesis # 2 Initial Model (Before introducing the direct path)

Analysis Summary
Groups
Group number 1 (Group number 1)
Notes for Group (Group number 1)
The model is recursive.
Sample size = 231
Variable Summary (KW)
Your model contains the following variables (KW)
Observed, endogenous variables
Q32
Q33
Q36
Q37
Q01
Q04
Q05
Q08
WH
Unobserved, endogenous variables
IG
Unobserved, exogenous variables
PD
e1
e2
e3
e4
e5
e6
e7
e8
e9
e10
Variable counts (KW)

Number of variables in your model:	21
Number of observed variables:	9
Number of unobserved variables:	12
Number of exogenous variables:	11
Number of endogenous variables:	10

Parameter summary (KW)

	Weights	Covariances	Variances	Means	Intercepts	Total
Fixed	12	0	0	0	0	12
Labeled	8	0	11	0	0	19
Unlabeled	0	0	0	0	0	0
Total	20	0	11	0	0	31

Group number 2 (Group number 2)
Notes for Group (Group number 2)
The model is recursive.
Sample size = 232
Variable Summary (EG)
Your model contains the following variables (EG)
Observed, endogenous variables
Q32
Q33
Q36
Q37
Q01
Q04
Q05
Q08
WH
Unobserved, endogenous variables
IG
Unobserved, exogenous variables

PD
e1
e2
e3
e4
e5
e6
e7
e8
e9
e10

Variable counts (EG)

Number of variables in your model:	21
Number of observed variables:	9
Number of unobserved variables:	12
Number of exogenous variables:	11
Number of endogenous variables:	10

Parameter summary (EG)

	Weights	Covariances	Variances	Means	Intercepts	Total
Fixed	11	0	0	0	0	11
Labeled	9	0	11	0	0	20
Unlabeled	0	0	0	0	0	0
Total	20	0	11	0	0	31

Models

Unconstrained (Unconstrained)

Notes for Model (Unconstrained)

Computation of degrees of freedom (Unconstrained)

Number of distinct sample moments:	90
Number of distinct parameters to be estimated:	37
Degrees of freedom (90 - 37):	53

Result (Unconstrained)

Minimum was achieved
Chi-square = 303.261
Degrees of freedom = 53
Probability level = .000

KW (KW - Unconstrained)

Estimates (KW - Unconstrained)

Scalar Estimates (KW - Unconstrained)

Maximum Likelihood Estimates

Regression Weights: (KW - Unconstrained)

			Estimate	S.E.	C.R.	P	Label
IG	<---	PD	.611	.041	14.807	***	b1_1
Q32	<---	PD	1.000				
Q33	<---	PD	1.163	.032	36.257	***	a1_1
Q36	<---	PD	1.038	.040	25.878	***	a2_1
Q37	<---	PD	.890	.032	27.596	***	a3_1
Q01	<---	IG	1.163	.032	36.257	***	a1_1
Q04	<---	IG	.969	.048	20.282	***	a4_1
Q05	<---	IG	1.083	.042	25.688	***	a5_1
Q08	<---	IG	1.000				
WH	<---	IG	.197	.248	.797	.426	a8_1

Standardized Regression Weights: (KW - Unconstrained)

			Estimate
IG	<---	PD	.743
Q32	<---	PD	.929
Q33	<---	PD	.948
Q36	<---	PD	.912
Q37	<---	PD	.928
Q01	<---	IG	.941
Q04	<---	IG	.856
Q05	<---	IG	.929
Q08	<---	IG	.889
WH	<---	IG	.054

Variances: (KW - Unconstrained)

	Estimate	S.E.	C.R.	P	Label
PD	1.047	.109	9.565	***	vvv1_1
e9	.316	.037	8.534	***	vv1_1
e1	.167	.020	8.196	***	v1_1
e2	.159	.022	7.126	***	v2_1
e3	.228	.026	8.715	***	v3_1
e4	.133	.016	8.184	***	v4_1
e5	.123	.018	6.726	***	v5_1
e6	.241	.026	9.328	***	v6_1
e7	.131	.018	7.379	***	v7_1
e8	.188	.021	8.838	***	v8_1
e10	9.525	.888	10.722	***	v9_1

Squared Multiple Correlations: (KW - Unconstrained)

	Estimate
IG	.552
WH	.003
Q08	.790
Q05	.864
Q04	.733
Q01	.886
Q37	.861
Q36	.832
Q33	.899
Q32	.862

Matrices (KW - Unconstrained)

Total Effects (KW - Unconstrained)

	PD	IG
IG	.611	.000
WH	.121	.197
Q08	.611	1.000
Q05	.661	1.083
Q04	.592	.969
Q01	.710	1.163
Q37	.890	.000
Q36	1.038	.000
Q33	1.163	.000
Q32	1.000	.000

Standardized Total Effects (KW - Unconstrained)

	PD	IG
IG	.743	.000
WH	.040	.054
Q08	.661	.889
Q05	.691	.929
Q04	.636	.856
Q01	.699	.941
Q37	.928	.000
Q36	.912	.000
Q33	.948	.000
Q32	.929	.000

Direct Effects (KW - Unconstrained)

	PD	IG
IG	.611	.000
WH	.000	.197
Q08	.000	1.000
Q05	.000	1.083
Q04	.000	.969
Q01	.000	1.163
Q37	.890	.000
Q36	1.038	.000
Q33	1.163	.000
Q32	1.000	.000

Standardized Direct Effects (KW - Unconstrained)

	PD	IG
IG	.743	.000
WH	.000	.054
Q08	.000	.889
Q05	.000	.929
Q04	.000	.856
Q01	.000	.941
Q37	.928	.000
Q36	.912	.000
Q33	.948	.000
Q32	.929	.000

Indirect Effects (KW - Unconstrained)

	PD	IG
IG	.000	.000
WH	.121	.000
Q08	.611	.000
Q05	.661	.000
Q04	.592	.000
Q01	.710	.000
Q37	.000	.000
Q36	.000	.000
Q33	.000	.000
Q32	.000	.000

Standardized Indirect Effects (KW - Unconstrained)

	PD	IG
IG	.000	.000
WH	.040	.000
Q08	.661	.000
Q05	.691	.000
Q04	.636	.000
Q01	.699	.000
Q37	.000	.000
Q36	.000	.000
Q33	.000	.000
Q32	.000	.000

Modification Indices (KW - Unconstrained)

Covariances: (KW - Unconstrained)

			M.I.	Par Change
e8	<-->	PD	10.521	-.106
e8	<-->	e9	4.516	-.040
e8	<-->	e10	4.675	-.209
e7	<-->	PD	4.236	-.060
e7	<-->	e9	5.592	.039
e6	<-->	PD	9.920	.113
e6	<-->	e9	13.427	-.076
e6	<-->	e7	5.291	-.033
e5	<-->	PD	5.412	.069
e5	<-->	e7	6.505	.028
e4	<-->	e9	30.284	.090
e4	<-->	e7	4.464	.025
e4	<-->	e6	12.245	-.050
e4	<-->	e5	10.334	.038
e3	<-->	e9	8.045	-.059
e3	<-->	e6	6.718	.047
e3	<-->	e5	13.207	-.054
e2	<-->	PD	7.202	-.088
e2	<-->	e6	9.692	-.052
e2	<-->	e5	5.518	.032
e2	<-->	e3	6.880	-.042
e1	<-->	PD	9.056	.095

			M.I.	Par Change
e1	<-->	e9	9.097	-.055
e1	<-->	e7	17.539	-.054
e1	<-->	e6	59.643	.123
e1	<-->	e5	5.650	-.031
e1	<-->	e4	6.439	-.031
e1	<-->	e3	36.797	.094

Variances: (KW - Unconstrained)

M.I.	Par Change

Regression Weights: (KW - Unconstrained)

			M.I.	Par Change
Q08	<---	PD	10.521	-.101
Q08	<---	IG	14.230	-.143
Q08	<---	WH	5.559	-.024
Q08	<---	Q05	11.037	-.106
Q08	<---	Q04	9.547	-.102
Q08	<---	Q01	15.746	-.120
Q08	<---	Q37	7.296	-.086
Q08	<---	Q36	5.785	-.065
Q08	<---	Q33	11.238	-.084
Q08	<---	Q32	10.885	-.094
Q05	<---	PD	4.236	-.058
Q05	<---	Q36	4.941	-.054
Q05	<---	Q32	10.559	-.083
Q04	<---	PD	9.920	.108
Q04	<---	Q36	14.341	.112
Q04	<---	Q33	4.457	.058
Q04	<---	Q32	29.191	.169
Q01	<---	PD	5.412	.066
Q01	<---	IG	8.621	.101
Q01	<---	Q05	12.785	.104
Q01	<---	Q04	5.796	.072
Q01	<---	Q37	10.107	.092
Q01	<---	Q33	7.765	.063
Q37	<---	IG	12.434	.117
Q37	<---	Q08	11.493	.098
Q37	<---	Q05	14.954	.108
Q37	<---	Q01	17.035	.108
Q36	<---	Q01	7.116	-.089
Q36	<---	Q32	4.184	.064
Q33	<---	PD	7.202	-.084
Q33	<---	Q08	4.931	-.075
Q33	<---	Q04	9.862	-.105
Q33	<---	Q36	11.879	-.094
Q33	<---	Q32	6.570	-.074
Q32	<---	PD	9.056	.091
Q32	<---	Q04	16.106	.129
Q32	<---	Q36	25.348	.132
Q32	<---	Q33	7.507	.067

EG (EG - Unconstrained)

Estimates (EG - Unconstrained)

Scalar Estimates (EG - Unconstrained)

Maximum Likelihood Estimates

Regression Weights: (EG - Unconstrained)

			Estimate	S.E.	C.R.	P	Label
IG	<---	PD	.812	.061	13.341	***	b1_2
Q32	<---	PD	1.000				
Q33	<---	PD	.915	.034	27.298	***	a1_2
Q36	<---	PD	.994	.040	24.574	***	a2_2
Q37	<---	PD	1.003	.041	24.434	***	a3_2
Q01	<---	IG	.915	.034	27.298	***	a1_2

			Estimate	S.E.	C.R.	P	Label
Q04	<---	IG	1.051	.055	18.943	***	a4_2
Q05	<---	IG	.842	.049	17.058	***	a5_2
Q08	<---	IG	1.065	.058	18.488	***	a6_2
WH	<---	IG	1.531	.183	8.362	***	a8_2

Standardized Regression Weights: (EG - Unconstrained)

			Estimate
IG	<---	PD	.745
Q32	<---	PD	.942
Q33	<---	PD	.930
Q36	<---	PD	.903
Q37	<---	PD	.901
Q01	<---	IG	.892
Q04	<---	IG	.971
Q05	<---	IG	.909
Q08	<---	IG	.956
WH	<---	IG	.523

Variances: (EG - Unconstrained)

	Estimate	S.E.	C.R.	P	Label
PD	.938	.098	9.525	***	vvv1_2
e9	.497	.071	7.019	***	vv1_2
e1	.118	.017	7.053	***	v1_2
e2	.122	.016	7.745	***	v2_2
e3	.211	.024	8.727	***	v3_2
e4	.219	.025	8.765	***	v4_2
e5	.240	.025	9.580	***	v5_2
e6	.075	.013	5.635	***	v6_2
e7	.167	.018	9.310	***	v7_2
e8	.120	.016	7.290	***	v8_2
e10	6.945	.653	10.638	***	v9_2

Squared Multiple Correlations: (EG - Unconstrained)

	Estimate
IG	.555
WH	.274
Q08	.914
Q05	.826
Q04	.943
Q01	.796
Q37	.812
Q36	.815
Q33	.865
Q32	.888

Matrices (EG - Unconstrained)

Total Effects (EG - Unconstrained)

	PD	IG
IG	.812	.000
WH	1.244	1.531
Q08	.865	1.065
Q05	.684	.842
Q04	.854	1.051
Q01	.743	.915
Q37	1.003	.000
Q36	.994	.000
Q33	.915	.000
Q32	1.000	.000

Standardized Total Effects (EG - Unconstrained)

	PD	IG
IG	.745	.000
WH	.390	.523
Q08	.712	.956
Q05	.677	.909

	PD	IG
Q04	.723	.971
Q01	.664	.892
Q37	.901	.000
Q36	.903	.000
Q33	.930	.000
Q32	.942	.000

Direct Effects (EG - Unconstrained)

	PD	IG
IG	.812	.000
WH	.000	1.531
Q08	.000	1.065
Q05	.000	.842
Q04	.000	1.051
Q01	.000	.915
Q37	1.003	.000
Q36	.994	.000
Q33	.915	.000
Q32	1.000	.000

Standardized Direct Effects (EG - Unconstrained)

	PD	IG
IG	.745	.000
WH	.000	.523
Q08	.000	.956
Q05	.000	.909
Q04	.000	.971
Q01	.000	.892
Q37	.901	.000
Q36	.903	.000
Q33	.930	.000
Q32	.942	.000

Indirect Effects (EG - Unconstrained)

	PD	IG
IG	.000	.000
WH	1.244	.000
Q08	.865	.000
Q05	.684	.000
Q04	.854	.000
Q01	.743	.000
Q37	.000	.000
Q36	.000	.000
Q33	.000	.000
Q32	.000	.000

Standardized Indirect Effects (EG - Unconstrained)

	PD	IG
IG	.000	.000
WH	.390	.000
Q08	.712	.000
Q05	.677	.000
Q04	.723	.000
Q01	.664	.000
Q37	.000	.000
Q36	.000	.000
Q33	.000	.000
Q32	.000	.000

Modification Indices (EG - Unconstrained)

Covariances: (EG - Unconstrained)

			M.I.	Par Change
e5	<-->	e10	9.491	.277
e3	<-->	e9	14.800	.095
e3	<-->	e8	7.140	.036

			M.I.	Par Change
e3	<-->	e7	10.482	.047
e3	<-->	e6	4.123	-.024
e1	<-->	e9	6.919	-.053
e1	<-->	e8	10.712	-.036
e1	<-->	e5	15.858	.056

Hypothesis # 2 After introducing the direct attribute

Group number 1 (Group number 1)
Notes for Group (Group number 1)
The model is recursive.
Sample size = 231
Variable Summary (KW)
Your model contains the following variables (KW)
Observed, endogenous variables
Q32
Q33
Q36
Q37
Q01
Q04
Q05
Q08
WH
Unobserved, endogenous variables
IG
Unobserved, exogenous variables
PD
e1
e2
e3
e4
e5
e6
e7
e8
e9
e10
Variable counts (KW)
Number of variables in your model: 21
Number of observed variables: 9
Number of unobserved variables: 12
Number of exogenous variables: 11
Number of endogenous variables: 10
Parameter summary (KW)

	Weights	Covariances	Variances	Means	Intercepts	Total
Fixed	12	0	0	0	0	12
Labeled	9	0	11	0	0	20
Unlabeled	0	0	0	0	0	0
Total	21	0	11	0	0	32

Group number 2 (Group number 2)
Notes for Group (Group number 2)
The model is recursive.
Sample size = 232
Variable Summary (EG)
Your model contains the following variables (EG)
Observed, endogenous variables
Q32
Q33
Q36
Q37
Q01
Q04
Q05
Q08
WH
Unobserved, endogenous variables
IG
Unobserved, exogenous variables
PD
e1
e2
e3
e4

e5
e6
e7
e8
e9
e10
Variable counts (EG)
Number of variables in your model: 21
Number of observed variables: 9
Number of unobserved variables: 12
Number of exogenous variables: 11
Number of endogenous variables: 10
Parameter summary (EG)

	Weights	Covariances	Variances	Means	Intercepts	Total
Fixed	11	0	0	0	0	11
Labeled	10	0	11	0	0	21
Unlabeled	0	0	0	0	0	0
Total	21	0	11	0	0	32

Models
Unconstrained (Unconstrained)
Notes for Model (Unconstrained)
Computation of degrees of freedom (Unconstrained)
Number of distinct sample moments: 90
Number of distinct parameters to be estimated: 37
Degrees of freedom (90 - 37): 53
Result (Unconstrained)
Minimum was achieved
Chi-square = 336.801
Degrees of freedom = 53
Probability level = .000
KW (KW - Unconstrained)
Estimates (KW - Unconstrained)
Scalar Estimates (KW - Unconstrained)
Maximum Likelihood Estimates
Regression Weights: (KW - Unconstrained)

			Estimate	S.E.	C.R.	P	Label
IG	<---	PD	.617	.041	14.990	***	b1_1
Q32	<---	PD	1.000				
Q33	<---	PD	1.159	.032	36.087	***	a1_1
Q36	<---	PD	1.041	.041	25.688	***	a2_1
Q37	<---	PD	.893	.032	27.542	***	a3_1
Q01	<---	IG	1.159	.032	36.087	***	a1_1
Q04	<---	IG	.970	.048	20.342	***	a4_1
Q05	<---	IG	1.082	.042	25.575	***	a5_1
Q08	<---	IG	1.000				
WH	<---	IG	-.900	.258	-3.492	***	a8_1
WH	<---	PD	1.159	.032	36.087	***	a1_1

Standardized Regression Weights: (KW - Unconstrained)

			Estimate
IG	<---	PD	.748
Q32	<---	PD	.927
Q33	<---	PD	.948
Q36	<---	PD	.911
Q37	<---	PD	.929
Q01	<---	IG	.939
Q04	<---	IG	.857
Q05	<---	IG	.928
Q08	<---	IG	.890
WH	<---	IG	-.231
WH	<---	PD	.362

Variances: (KW - Unconstrained)

	Estimate	S.E.	C.R.	P	Label
PD	1.040	.109	9.544	***	vvv1_1

	Estimate	S.E.	C.R.	P	Label
e9	.311	.037	8.504	***	vv1_1
e1	.171	.021	8.267	***	v1_1
e2	.158	.022	7.130	***	v2_1
e3	.230	.026	8.738	***	v3_1
e4	.132	.016	8.158	***	v4_1
e5	.127	.019	6.830	***	v5_1
e6	.240	.026	9.301	***	v6_1
e7	.133	.018	7.413	***	v7_1
e8	.186	.021	8.801	***	v8_1
e10	10.044	.943	10.648	***	v9_1

Squared Multiple Correlations: (KW - Unconstrained)

	Estimate
IG	.560
WH	.059
Q08	.792
Q05	.862
Q04	.735
Q01	.882
Q37	.863
Q36	.831
Q33	.899
Q32	.859

Matrices (KW - Unconstrained)

Total Effects (KW - Unconstrained)

	PD	IG
IG	.617	.000
WH	.604	-.900
Q08	.617	1.000
Q05	.667	1.082
Q04	.598	.970
Q01	.715	1.159
Q37	.893	.000
Q36	1.041	.000
Q33	1.159	.000
Q32	1.000	.000

Standardized Total Effects (KW - Unconstrained)

	PD	IG
IG	.748	.000
WH	.189	-.231
Q08	.666	.890
Q05	.695	.928
Q04	.642	.857
Q01	.703	.939
Q37	.929	.000
Q36	.911	.000
Q33	.948	.000
Q32	.927	.000

Direct Effects (KW - Unconstrained)

	PD	IG
IG	.617	.000
WH	1.159	-.900
Q08	.000	1.000
Q05	.000	1.082
Q04	.000	.970
Q01	.000	1.159
Q37	.893	.000
Q36	1.041	.000
Q33	1.159	.000
Q32	1.000	.000

Standardized Direct Effects (KW - Unconstrained)

	PD	IG
IG	.748	.000
WH	.362	-.231
Q08	.000	.890
Q05	.000	.928
Q04	.000	.857
Q01	.000	.939
Q37	.929	.000
Q36	.911	.000
Q33	.948	.000
Q32	.927	.000

Indirect Effects (KW - Unconstrained)

	PD	IG
IG	.000	.000
WH	-.555	.000
Q08	.617	.000
Q05	.667	.000
Q04	.598	.000
Q01	.715	.000
Q37	.000	.000
Q36	.000	.000
Q33	.000	.000
Q32	.000	.000

Standardized Indirect Effects (KW - Unconstrained)

	PD	IG
IG	.000	.000
WH	-.173	.000
Q08	.666	.000
Q05	.695	.000
Q04	.642	.000
Q01	.703	.000
Q37	.000	.000
Q36	.000	.000
Q33	.000	.000
Q32	.000	.000

Modification Indices (KW - Unconstrained)

Covariances: (KW - Unconstrained)

			M.I.	Par Change
e10	<-->	PD	5.384	-.505
e10	<-->	e9	7.645	.348
e8	<-->	PD	11.417	-.109
e7	<-->	PD	4.389	-.061
e7	<-->	e9	5.995	.041
e6	<-->	PD	9.218	.109
e6	<-->	e9	12.907	-.074
e6	<-->	e7	5.362	-.033
e5	<-->	PD	5.337	.069
e5	<-->	e10	4.553	.195
e5	<-->	e7	8.210	.032
e4	<-->	e9	28.805	.087
e4	<-->	e7	4.284	.024
e4	<-->	e6	11.917	-.049
e4	<-->	e5	9.715	.037
e3	<-->	e9	8.522	-.061
e3	<-->	e6	6.924	.048
e3	<-->	e5	13.940	-.056
e2	<-->	PD	5.444	-.076
e2	<-->	e6	8.625	-.048
e2	<-->	e5	5.121	.031
e2	<-->	e3	6.534	-.041
e1	<-->	PD	9.209	.096

			M.I.	Par Change
e1	<-->	e9	9.273	-.056
e1	<-->	e10	6.032	-.240
e1	<-->	e7	18.758	-.057
e1	<-->	e6	58.859	.123
e1	<-->	e5	6.508	-.034
e1	<-->	e4	5.870	-.030
e1	<-->	e3	38.526	.098

Variances: (KW - Unconstrained)

M.I.	Par Change

Regression Weights: (KW - Unconstrained)

			M.I.	Par Change
WH	<---	PD	5.384	-.486
WH	<---	Q37	4.480	-.452
WH	<---	Q36	5.518	-.423
WH	<---	Q32	8.586	-.558
Q08	<---	PD	11.417	-.105
Q08	<---	IG	14.092	-.142
Q08	<---	Q05	10.966	-.105
Q08	<---	Q04	9.916	-.103
Q08	<---	Q01	15.614	-.119
Q08	<---	Q37	7.793	-.089
Q08	<---	Q36	6.337	-.067
Q08	<---	Q33	12.017	-.087
Q08	<---	Q32	11.826	-.097
Q05	<---	PD	4.389	-.059
Q05	<---	Q36	5.318	-.056
Q05	<---	Q32	11.215	-.086
Q04	<---	PD	9.218	.104
Q04	<---	Q36	13.713	.110
Q04	<---	Q33	4.209	.057
Q04	<---	Q32	28.270	.167
Q01	<---	PD	5.337	.066
Q01	<---	IG	8.781	.102
Q01	<---	WH	4.868	.019
Q01	<---	Q05	13.754	.109
Q01	<---	Q04	5.951	.074
Q01	<---	Q37	9.784	.092
Q01	<---	Q33	7.556	.063
Q37	<---	IG	11.592	.113
Q37	<---	Q08	11.097	.096
Q37	<---	Q05	14.021	.104
Q37	<---	Q01	16.001	.105
Q36	<---	Q05	4.168	-.072
Q36	<---	Q01	7.531	-.092
Q36	<---	Q32	4.508	.067
Q33	<---	PD	5.444	-.073
Q33	<---	Q08	4.506	-.071
Q33	<---	Q04	8.848	-.099
Q33	<---	Q36	9.655	-.084
Q33	<---	Q32	4.687	-.062
Q32	<---	PD	9.209	.093
Q32	<---	Q04	16.001	.129
Q32	<---	Q36	26.207	.135
Q32	<---	Q33	7.959	.070

EG (EG - Unconstrained)

Estimates (EG - Unconstrained)

Scalar Estimates (EG - Unconstrained)

Maximum Likelihood Estimates

Regression Weights: (EG - Unconstrained)

			Estimate	S.E.	C.R.	P	Label

			Estimate	S.E.	C.R.	P	Label
IG	<---	PD	.822	.062	13.343	***	b1_2
Q32	<---	PD	1.000				
Q33	<---	PD	.905	.034	26.997	***	a1_2
Q36	<---	PD	.995	.041	24.557	***	a2_2
Q37	<---	PD	1.005	.041	24.400	***	a3_2
Q01	<---	IG	.905	.034	26.997	***	a1_2
Q04	<---	IG	1.042	.055	18.812	***	a4_2
Q05	<---	IG	.835	.049	16.962	***	a5_2
Q08	<---	IG	1.056	.057	18.364	***	a6_2
WH	<---	IG	.887	.176	5.025	***	a8_2
WH	<---	PD	.905	.034	26.997	***	a1_2

Standardized Regression Weights: (EG - Unconstrained)

			Estimate
IG	<---	PD	.747
Q32	<---	PD	.942
Q33	<---	PD	.928
Q36	<---	PD	.903
Q37	<---	PD	.901
Q01	<---	IG	.891
Q04	<---	IG	.971
Q05	<---	IG	.909
Q08	<---	IG	.956
WH	<---	IG	.292
WH	<---	PD	.271

Variances: (EG - Unconstrained)

	Estimate	S.E.	C.R.	P	Label
PD	.937	.098	9.511	***	vvv1_2
e9	.503	.072	6.985	***	vv1_2
e1	.120	.017	7.083	***	v1_2
e2	.124	.016	7.846	***	v2_2
e3	.210	.024	8.698	***	v3_2
e4	.218	.025	8.743	***	v4_2
e5	.242	.025	9.588	***	v5_2
e6	.074	.013	5.560	***	v6_2
e7	.166	.018	9.302	***	v7_2
e8	.119	.016	7.255	***	v8_2
e10	7.575	.710	10.665	***	v9_2

Squared Multiple Correlations: (EG - Unconstrained)

	Estimate
IG	.557
WH	.277
Q08	.914
Q05	.826
Q04	.943
Q01	.794
Q37	.812
Q36	.816
Q33	.861
Q32	.887

Matrices (EG - Unconstrained)

Total Effects (EG - Unconstrained)

	PD	IG
IG	.822	.000
WH	1.634	.887
Q08	.868	1.056
Q05	.686	.835
Q04	.857	1.042
Q01	.744	.905
Q37	1.005	.000
Q36	.995	.000

	PD	IG
Q33	.905	.000
Q32	1.000	.000

Standardized Total Effects (EG - Unconstrained)

	PD	IG
IG	.747	.000
WH	.489	.292
Q08	.714	.956
Q05	.679	.909
Q04	.725	.971
Q01	.665	.891
Q37	.901	.000
Q36	.903	.000
Q33	.928	.000
Q32	.942	.000

Direct Effects (EG - Unconstrained)

	PD	IG
IG	.822	.000
WH	.905	.887
Q08	.000	1.056
Q05	.000	.835
Q04	.000	1.042
Q01	.000	.905
Q37	1.005	.000
Q36	.995	.000
Q33	.905	.000
Q32	1.000	.000

Standardized Direct Effects (EG - Unconstrained)

	PD	IG
IG	.747	.000
WH	.271	.292
Q08	.000	.956
Q05	.000	.909
Q04	.000	.971
Q01	.000	.891
Q37	.901	.000
Q36	.903	.000
Q33	.928	.000
Q32	.942	.000

Indirect Effects (EG - Unconstrained)

	PD	IG
IG	.000	.000
WH	.729	.000
Q08	.868	.000
Q05	.686	.000
Q04	.857	.000
Q01	.744	.000
Q37	.000	.000
Q36	.000	.000
Q33	.000	.000
Q32	.000	.000

Standardized Indirect Effects (EG - Unconstrained)

	PD	IG
IG	.000	.000
WH	.218	.000
Q08	.714	.000
Q05	.679	.000
Q04	.725	.000
Q01	.665	.000
Q37	.000	.000
Q36	.000	.000

	PD	IG
Q33	.000	.000
Q32	.000	.000

Modification Indices (EG - Unconstrained)

Covariances: (EG - Unconstrained)

			M.I.	Par Change
e10	<-->	PD	8.664	-.528
e10	<-->	e9	11.691	.466
e5	<-->	e10	9.266	.287
e3	<-->	e9	13.866	.092
e3	<-->	e8	7.169	.036
e3	<-->	e7	10.767	.048
e3	<-->	e6	4.342	-.025
e1	<-->	e9	7.652	-.056
e1	<-->	e10	4.009	-.152
e1	<-->	e8	10.570	-.036
e1	<-->	e5	14.633	.054

Variances: (EG - Unconstrained)

M.I.	Par Change

Regression Weights: (EG - Unconstrained)

			M.I.	Par Change
WH	<---	PD	8.664	-.564
WH	<---	Q37	5.727	-.403
WH	<---	Q36	6.232	-.426
WH	<---	Q33	10.143	-.613
WH	<---	Q32	10.729	-.579
Q05	<---	Q36	7.506	.074
Q01	<---	WH	7.177	.028
Q36	<---	IG	5.709	.075
Q36	<---	Q08	8.533	.082
Q36	<---	Q05	11.716	.116
Q32	<---	WH	4.897	-.019
Q32	<---	Q08	6.222	-.058

Hypothesis 3 – indirect path

Groups

Group number 1 (Group number 1)

Notes for Group (Group number 1)

The model is recursive.

Sample size = 231

Variable Summary (KW)

Your model contains the following variables (KW)

Observed, endogenous variables

Q32
Q33
Q36
Q37
Q01
Q04
Q05
Q08
WF

Unobserved, endogenous variables

IG

Unobserved, exogenous variables

PD
e1
e2
e3
e4
e5
e6
e7
e8
e9
e10

Variable counts (KW)

Number of variables in your model:	21
Number of observed variables:	9
Number of unobserved variables:	12
Number of exogenous variables:	11
Number of endogenous variables:	10

Parameter summary (KW)

	Weights	Covariances	Variances	Means	Intercepts	Total
Fixed	12	0	0	0	0	12
Labeled	8	0	11	0	0	19
Unlabeled	0	0	0	0	0	0
Total	20	0	11	0	0	31

Group number 2 (Group number 2)

Notes for Group (Group number 2)

The model is recursive.

Sample size = 232

Variable Summary (EG)

Your model contains the following variables (EG)

Observed, endogenous variables

Q32
Q33
Q36
Q37
Q01
Q04
Q05
Q08
WF

Unobserved, endogenous variables

IG

Unobserved, exogenous variables

PD
e1
e2

e3
e4
e5
e6
e7
e8
e9
e10

Variable counts (EG)

Number of variables in your model: 21
Number of observed variables: 9
Number of unobserved variables: 12
Number of exogenous variables: 11
Number of endogenous variables: 10

Parameter summary (EG)

	Weights	Covariances	Variances	Means	Intercepts	Total
Fixed	11	0	0	0	0	11
Labeled	9	0	11	0	0	20
Unlabeled	0	0	0	0	0	0
Total	20	0	11	0	0	31

Models

Unconstrained (Unconstrained)

Notes for Model (Unconstrained)

Computation of degrees of freedom (Unconstrained)

Number of distinct sample moments: 90
Number of distinct parameters to be estimated: 37
Degrees of freedom (90 - 37): 53

Result (Unconstrained)

Minimum was achieved
Chi-square = 390.250
Degrees of freedom = 53
Probability level = .000

KW (KW - Unconstrained)

Estimates (KW - Unconstrained)

Scalar Estimates (KW - Unconstrained)

Maximum Likelihood Estimates

Regression Weights: (KW - Unconstrained)

			Estimate	S.E.	C.R.	P	Label
IG	<---	PD	.846	.056	15.108	***	b1_1
Q32	<---	PD	1.000				
Q33	<---	PD	.887	.024	36.919	***	a1_1
Q36	<---	PD	.981	.038	25.599	***	a2_1
Q37	<---	PD	.991	.039	25.480	***	a3_1
Q01	<---	IG	.887	.024	36.919	***	a1_1
Q04	<---	IG	.996	.026	38.033	***	a4_1
Q05	<---	IG	.798	.029	27.485	***	a5_1
Q08	<---	IG	1.000				
WF	<---	IG	.667	.096	6.955	***	a8_1

Standardized Regression Weights: (KW - Unconstrained)

			Estimate
IG	<---	PD	.747
Q32	<---	PD	.945
Q33	<---	PD	.926
Q36	<---	PD	.902
Q37	<---	PD	.901
Q01	<---	IG	.894
Q04	<---	IG	.970
Q05	<---	IG	.910
Q08	<---	IG	.954
WF	<---	IG	.425

Variances: (KW - Unconstrained)

	Estimate	S.E.	C.R.	P	Label
PD	.964	.099	9.753	***	vvv1_1
e9	.547	.060	9.159	***	vv1_1

	Estimate	S.E.	C.R.	P	Label
e1	.116	.017	6.931	***	v1_1
e2	.125	.016	7.953	***	v2_1
e3	.212	.024	8.708	***	v3_1
e4	.219	.025	8.737	***	v4_1
e5	.245	.026	9.523	***	v5_1
e6	.076	.013	5.630	***	v6_1
e7	.165	.018	9.248	***	v7_1
e8	.121	.016	7.361	***	v8_1
e10	2.503	.235	10.659	***	v9_1

Squared Multiple Correlations: (KW - Unconstrained)

	Estimate
IG	.558
WF	.180
Q08	.911
Q05	.827
Q04	.942
Q01	.799
Q37	.812
Q36	.814
Q33	.858
Q32	.892

Matrices (KW - Unconstrained)

Total Effects (KW - Unconstrained)

	PD	IG
IG	.846	.000
WF	.565	.667
Q08	.846	1.000
Q05	.675	.798
Q04	.843	.996
Q01	.750	.887
Q37	.991	.000
Q36	.981	.000
Q33	.887	.000
Q32	1.000	.000

Standardized Total Effects (KW - Unconstrained)

	PD	IG
IG	.747	.000
WF	.317	.425
Q08	.713	.954
Q05	.679	.910
Q04	.725	.970
Q01	.668	.894
Q37	.901	.000
Q36	.902	.000
Q33	.926	.000
Q32	.945	.000

Direct Effects (KW - Unconstrained)

	PD	IG
IG	.846	.000
WF	.000	.667
Q08	.000	1.000
Q05	.000	.798
Q04	.000	.996
Q01	.000	.887
Q37	.991	.000
Q36	.981	.000
Q33	.887	.000
Q32	1.000	.000

Standardized Direct Effects (KW - Unconstrained)

	PD	IG

	PD	IG
IG	.747	.000
WF	.000	.425
Q08	.000	.954
Q05	.000	.910
Q04	.000	.970
Q01	.000	.894
Q37	.901	.000
Q36	.902	.000
Q33	.926	.000
Q32	.945	.000

Indirect Effects (KW - Unconstrained)

	PD	IG
IG	.000	.000
WF	.565	.000
Q08	.846	.000
Q05	.675	.000
Q04	.843	.000
Q01	.750	.000
Q37	.000	.000
Q36	.000	.000
Q33	.000	.000
Q32	.000	.000

Standardized Indirect Effects (KW - Unconstrained)

	PD	IG
IG	.000	.000
WF	.317	.000
Q08	.713	.000
Q05	.679	.000
Q04	.725	.000
Q01	.668	.000
Q37	.000	.000
Q36	.000	.000
Q33	.000	.000
Q32	.000	.000

Modification Indices (KW - Unconstrained)

Covariances: (KW - Unconstrained)

			M.I.	Par Change
e4	<-->	e10	9.759	.168
e3	<-->	e9	14.881	.100
e3	<-->	e8	7.899	.038
e3	<-->	e7	10.735	.047
e1	<-->	e9	7.364	-.058
e1	<-->	e8	11.718	-.038
e1	<-->	e5	16.160	.058

Variances: (KW - Unconstrained)

Maximum Likelihood Estimates

Regression Weights: (EG - Unconstrained)

			Estimate	S.E.	C.R.	P	Label
IG	<---	PD	.684	.049	13.951	***	b1_2
Q32	<---	PD	1.000				
Q33	<---	PD	1.020	.035	29.313	***	a1_2
Q36	<---	PD	.969	.036	26.730	***	a2_2
Q37	<---	PD	.821	.030	27.280	***	a3_2
Q01	<---	IG	1.020	.035	29.313	***	a1_2
Q04	<---	IG	.806	.046	17.634	***	a4_2
Q05	<---	IG	.890	.044	20.304	***	a5_2
Q08	<---	IG	.730	.041	17.695	***	a6_2
WF	<---	IG	1.437	.172	8.374	***	a8_2

Standardized Regression Weights: (EG - Unconstrained)

			Estimate

			Estimate
IG	<---	PD	.731
Q32	<---	PD	.947
Q33	<---	PD	.940
Q36	<---	PD	.918
Q37	<---	PD	.923
Q01	<---	IG	.958
Q04	<---	IG	.862
Q05	<---	IG	.926
Q08	<---	IG	.863
WF	<---	IG	.513

Variances: (EG - Unconstrained)

	Estimate	S.E.	C.R.	P	Label
PD	1.213	.126	9.626	***	vvv1_2
e9	.495	.064	7.690	***	vv1_2
e1	.140	.019	7.301	***	v1_2
e2	.168	.022	7.750	***	v2_2
e3	.213	.025	8.643	***	v3_2
e4	.142	.017	8.484	***	v4_2
e5	.100	.018	5.573	***	v5_2
e6	.239	.025	9.409	***	v6_2
e7	.140	.018	7.773	***	v7_2
e8	.193	.021	9.389	***	v8_2
e10	6.143	.580	10.588	***	v9_2

Squared Multiple Correlations: (EG - Unconstrained)

	Estimate
IG	.534
WF	.263
Q08	.745
Q05	.857
Q04	.743
Q01	.917
Q37	.852
Q36	.842
Q33	.883
Q32	.896

Matrices (EG - Unconstrained)

Total Effects (EG - Unconstrained)

	PD	IG
IG	.684	.000
WF	.983	1.437
Q08	.499	.730
Q05	.609	.890
Q04	.551	.806
Q01	.698	1.020
Q37	.821	.000
Q36	.969	.000
Q33	1.020	.000
Q32	1.000	.000

Standardized Total Effects (EG - Unconstrained)

	PD	IG
IG	.731	.000
WF	.375	.513
Q08	.631	.863
Q05	.677	.926
Q04	.630	.862
Q01	.700	.958
Q37	.923	.000
Q36	.918	.000
Q33	.940	.000
Q32	.947	.000

Direct Effects (EG - Unconstrained)

	PD	IG
IG	.684	.000
WF	.000	1.437
Q08	.000	.730
Q05	.000	.890
Q04	.000	.806
Q01	.000	1.020
Q37	.821	.000
Q36	.969	.000
Q33	1.020	.000
Q32	1.000	.000

Standardized Direct Effects (EG - Unconstrained)

	PD	IG
IG	.731	.000
WF	.000	.513
Q08	.000	.863
Q05	.000	.926
Q04	.000	.862
Q01	.000	.958
Q37	.923	.000
Q36	.918	.000
Q33	.940	.000
Q32	.947	.000

Indirect Effects (EG - Unconstrained)

	PD	IG
IG	.000	.000
WF	.983	.000
Q08	.499	.000
Q05	.609	.000
Q04	.551	.000
Q01	.698	.000
Q37	.000	.000
Q36	.000	.000
Q33	.000	.000
Q32	.000	.000

Standardized Indirect Effects (EG - Unconstrained)

	PD	IG
IG	.000	.000
WF	.375	.000
Q08	.631	.000
Q05	.677	.000
Q04	.630	.000
Q01	.700	.000
Q37	.000	.000
Q36	.000	.000
Q33	.000	.000
Q32	.000	.000

Output for Hypothesis 3 after adding the direct path

Groups

Group number 1 (Group number 1)

Notes for Group (Group number 1)

The model is recursive.

Sample size = 231

Variable Summary (KW)

Your model contains the following variables (KW)

Observed, endogenous variables

Q32
Q33
Q36
Q37
Q01
Q04
Q05
Q08
WF

Unobserved, endogenous variables

IG

Unobserved, exogenous variables

PD
e1
e2
e3
e4
e5
e6
e7
e8
e9
e10

Variable counts (KW)

Number of variables in your model:	21
Number of observed variables:	9
Number of unobserved variables:	12
Number of exogenous variables:	11
Number of endogenous variables:	10

Parameter summary (KW)

	Weights	Covariances	Variances	Means	Intercepts	Total
Fixed	12	0	0	0	0	12
Labeled	9	0	11	0	0	20
Unlabeled	0	0	0	0	0	0
Total	21	0	11	0	0	32

Group number 2 (Group number 2)

Notes for Group (Group number 2)

The model is recursive.

Sample size = 232

Variable Summary (EG)

Your model contains the following variables (EG)

Observed, endogenous variables

Q32
Q33
Q36
Q37
Q01
Q04
Q05
Q08
WF

Unobserved, endogenous variables

IG

Unobserved, exogenous variables

PD
e1
e2
e3
e4

e5
e6
e7
e8
e9
e10

Variable counts (EG)

Number of variables in your model:	21
Number of observed variables:	9
Number of unobserved variables:	12
Number of exogenous variables:	11
Number of endogenous variables:	10

Parameter summary (EG)

	Weights	Covariances	Variances	Means	Intercepts	Total
Fixed	11	0	0	0	0	11
Labeled	10	0	11	0	0	21
Unlabeled	0	0	0	0	0	0
Total	21	0	11	0	0	32

Models

Unconstrained (Unconstrained)

Notes for Model (Unconstrained)

Computation of degrees of freedom (Unconstrained)

Number of distinct sample moments:	90
Number of distinct parameters to be estimated:	39
Degrees of freedom (90 - 39):	51

Result (Unconstrained)

Minimum was achieved
Chi-square = 266.626
Degrees of freedom = 51
Probability level = .000

KW (KW - Unconstrained)

Estimates (KW - Unconstrained)

Scalar Estimates (KW - Unconstrained)

Maximum Likelihood Estimates

Regression Weights: (KW - Unconstrained)

			Estimate	S.E.	C.R.	P	Label
IG	<---	PD	.844	.056	15.033	***	b1_1
Q32	<---	PD	1.000				
Q33	<---	PD	.887	.024	36.883	***	a1_1
Q36	<---	PD	.981	.038	25.558	***	a2_1
Q37	<---	PD	.993	.039	25.592	***	a3_1
Q01	<---	IG	.887	.024	36.883	***	a1_1
Q04	<---	IG	.996	.026	38.116	***	a4_1
Q05	<---	IG	.798	.029	27.445	***	a5_1
Q08	<---	IG	1.000				
WF	<---	PD	.447	.168	2.668	.008	a7_1
WF	<---	IG	.366	.147	2.490	.013	a8_1

Standardized Regression Weights: (KW - Unconstrained)

			Estimate
IG	<---	PD	.745
Q32	<---	PD	.944
Q33	<---	PD	.926
Q36	<---	PD	.902
Q37	<---	PD	.902
Q01	<---	IG	.894
Q04	<---	IG	.971
Q05	<---	IG	.909
Q08	<---	IG	.954
WF	<---	PD	.251
WF	<---	IG	.233

Variances: (KW - Unconstrained)

	Estimate	S.E.	C.R.	P	Label
PD	.964	.099	9.751	***	vvv1_1

	Estimate	S.E.	C.R.	P	Label
e9	.551	.060	9.166	***	vv1_1
e1	.117	.017	6.957	***	v1_1
e2	.126	.016	7.979	***	v2_1
e3	.212	.024	8.720	***	v3_1
e4	.217	.025	8.712	***	v4_1
e5	.244	.026	9.522	***	v5_1
e6	.075	.013	5.562	***	v6_1
e7	.165	.018	9.255	***	v7_1
e8	.121	.016	7.347	***	v8_1
e10	2.430	.228	10.666	***	v9_1

Squared Multiple Correlations: (KW - Unconstrained)

	Estimate
IG	.555
WF	.205
Q08	.911
Q05	.827
Q04	.943
Q01	.799
Q37	.814
Q36	.814
Q33	.857
Q32	.892

Matrices (KW - Unconstrained)

Total Effects (KW - Unconstrained)

	PD	IG
IG	.844	.000
WF	.756	.366
Q08	.844	1.000
Q05	.674	.798
Q04	.841	.996
Q01	.749	.887
Q37	.993	.000
Q36	.981	.000
Q33	.887	.000
Q32	1.000	.000

Standardized Total Effects (KW - Unconstrained)

	PD	IG
IG	.745	.000
WF	.425	.233
Q08	.711	.954
Q05	.677	.909
Q04	.723	.971
Q01	.666	.894
Q37	.902	.000
Q36	.902	.000
Q33	.926	.000
Q32	.944	.000

Direct Effects (KW - Unconstrained)

	PD	IG
IG	.844	.000
WF	.447	.366
Q08	.000	1.000
Q05	.000	.798
Q04	.000	.996
Q01	.000	.887
Q37	.993	.000
Q36	.981	.000
Q33	.887	.000
Q32	1.000	.000

Standardized Direct Effects (KW - Unconstrained)

	PD	IG
IG	.745	.000
WF	.251	.233
Q08	.000	.954
Q05	.000	.909
Q04	.000	.971
Q01	.000	.894
Q37	.902	.000
Q36	.902	.000
Q33	.926	.000
Q32	.944	.000

Indirect Effects (KW - Unconstrained)

	PD	IG
IG	.000	.000
WF	.309	.000
Q08	.844	.000
Q05	.674	.000
Q04	.841	.000
Q01	.749	.000
Q37	.000	.000
Q36	.000	.000
Q33	.000	.000
Q32	.000	.000

Standardized Indirect Effects (KW - Unconstrained)

	PD	IG
IG	.000	.000
WF	.173	.000
Q08	.711	.000
Q05	.677	.000
Q04	.723	.000
Q01	.666	.000
Q37	.000	.000
Q36	.000	.000
Q33	.000	.000
Q32	.000	.000

EG (EG - Unconstrained)
Estimates (EG - Unconstrained)
Scalar Estimates (EG - Unconstrained)
Maximum Likelihood Estimates
Regression Weights: (EG - Unconstrained)

			Estimate	S.E.	C.R.	P	Label
IG	<---	PD	.669	.050	13.335	***	b1_2
Q32	<---	PD	1.000				
Q33	<---	PD	1.012	.034	29.535	***	a1_2
Q36	<---	PD	.969	.035	27.827	***	a2_2
Q37	<---	PD	.812	.030	27.187	***	a3_2
Q01	<---	IG	1.012	.034	29.535	***	a1_2
Q04	<---	IG	.796	.045	17.494	***	a4_2
Q05	<---	IG	.888	.043	20.574	***	a5_2
Q08	<---	IG	.727	.041	17.857	***	a6_2
WF	<---	PD	2.156	.179	12.028	***	a7_2
WF	<---	IG	-.285	.187	-1.526	.127	a8_2

Standardized Regression Weights: (EG - Unconstrained)

			Estimate
IG	<---	PD	.713
Q32	<---	PD	.951
Q33	<---	PD	.936
Q36	<---	PD	.923
Q37	<---	PD	.917
Q01	<---	IG	.957

			Estimate
Q04	<---	IG	.857
Q05	<---	IG	.931
Q08	<---	IG	.867
WF	<---	PD	.826
WF	<---	IG	-.103

Variances: (EG - Unconstrained)

	Estimate	S.E.	C.R.	P	Label
PD	1.225	.126	9.716	***	vvv1_2
e9	.531	.069	7.743	***	vv1_2
e1	.129	.018	7.207	***	v1_2
e2	.178	.022	8.120	***	v2_2
e3	.201	.023	8.634	***	v3_2
e4	.152	.017	8.795	***	v4_2
e5	.102	.018	5.583	***	v5_2
e6	.246	.026	9.457	***	v6_2
e7	.130	.017	7.470	***	v7_2
e8	.189	.020	9.336	***	v8_2
e10	3.567	.352	10.144	***	v9_2

Squared Multiple Correlations: (EG - Unconstrained)

	Estimate
IG	.508
WF	.572
Q08	.751
Q05	.867
Q04	.735
Q01	.916
Q37	.841
Q36	.851
Q33	.876
Q32	.905

Matrices (EG - Unconstrained)

Total Effects (EG - Unconstrained)

	PD	IG
IG	.669	.000
WF	1.965	-.285
Q08	.486	.727
Q05	.595	.888
Q04	.533	.796
Q01	.677	1.012
Q37	.812	.000
Q36	.969	.000
Q33	1.012	.000
Q32	1.000	.000

Standardized Total Effects (EG - Unconstrained)

	PD	IG
IG	.713	.000
WF	.753	-.103
Q08	.618	.867
Q05	.664	.931
Q04	.611	.857
Q01	.682	.957
Q37	.917	.000
Q36	.923	.000
Q33	.936	.000
Q32	.951	.000

Direct Effects (EG - Unconstrained)

	PD	IG
IG	.669	.000
WF	2.156	-.285
Q08	.000	.727

	PD	IG
Q05	.000	.888
Q04	.000	.796
Q01	.000	1.012
Q37	.812	.000
Q36	.969	.000
Q33	1.012	.000
Q32	1.000	.000

Standardized Direct Effects (EG - Unconstrained)

	PD	IG
IG	.713	.000
WF	.826	-.103
Q08	.000	.867
Q05	.000	.931
Q04	.000	.857
Q01	.000	.957
Q37	.917	.000
Q36	.923	.000
Q33	.936	.000
Q32	.951	.000

Indirect Effects (EG - Unconstrained)

	PD	IG
IG	.000	.000
WF	-.191	.000
Q08	.486	.000
Q05	.595	.000
Q04	.533	.000
Q01	.677	.000
Q37	.000	.000
Q36	.000	.000
Q33	.000	.000
Q32	.000	.000

Standardized Indirect Effects (EG - Unconstrained)

	PD	IG
IG	.000	.000
WF	-.073	.000
Q08	.618	.000
Q05	.664	.000
Q04	.611	.000
Q01	.682	.000
Q37	.000	.000
Q36	.000	.000
Q33	.000	.000
Q32	.000	.000

Hypothesis # 4 indirect path only

Groups

Group number 1 (Group number 1)

Notes for Group (Group number 1)

The model is recursive.

Sample size = 231

Variable Summary (KW)

Your model contains the following variables (KW)

Observed, endogenous variables

Q32
Q33
Q36
Q37
Q13
Q17
Q18
Q21
WNP

Unobserved, endogenous variables

SG

Unobserved, exogenous variables

PD
e1
e2
e3
e4
e5
e6
e7
e8
e9
e10

Variable counts (KW)

Number of variables in your model:	21
Number of observed variables:	9
Number of unobserved variables:	12
Number of exogenous variables:	11
Number of endogenous variables:	10

Parameter summary (KW)

	Weights	Covariances	Variances	Means	Intercepts	Total
Fixed	12	0	0	0	0	12
Labeled	8	0	11	0	0	19
Unlabeled	0	0	0	0	0	0
Total	20	0	11	0	0	31

Group number 2 (Group number 2)

Notes for Group (Group number 2)

The model is recursive.

Sample size = 232

Variable Summary (EG)

Your model contains the following variables (EG)

Observed, endogenous variables

Q32
Q33
Q36
Q37
Q13
Q17
Q18
Q21
WNP

Unobserved, endogenous variables

SG

Unobserved, exogenous variables

PD
e1
e2
e3
e4

e5
e6
e7
e8
e9
e10

Variable counts (EG)

Number of variables in your model: 21
Number of observed variables: 9
Number of unobserved variables: 12
Number of exogenous variables: 11
Number of endogenous variables: 10

Parameter summary (EG)

	Weights	Covariances	Variances	Means	Intercepts	Total
Fixed	11	0	0	0	0	11
Labeled	9	0	11	0	0	20
Unlabeled	0	0	0	0	0	0
Total	20	0	11	0	0	31

Models

Unconstrained (Unconstrained)

Notes for Model (Unconstrained)

Computation of degrees of freedom (Unconstrained)

Number of distinct sample moments: 90
Number of distinct parameters to be estimated: 37
Degrees of freedom (90 - 37): 53

Result (Unconstrained)

Minimum was achieved
Chi-square = 299.711
Degrees of freedom = 53
Probability level = .000

KW (KW - Unconstrained)

Estimates (KW - Unconstrained)

Scalar Estimates (KW - Unconstrained)

Maximum Likelihood Estimates

Regression Weights: (KW - Unconstrained)

			Estimate	S.E.	C.R.	P	Label
SG	<---	PD	.505	.041	12.333	***	b1_1
Q32	<---	PD	1.000				
Q33	<---	PD	1.036	.030	34.701	***	a1_1
Q36	<---	PD	.976	.036	27.472	***	a2_1
Q37	<---	PD	.825	.030	27.837	***	a3_1
Q13	<---	SG	1.036	.030	34.701	***	a1_1
Q17	<---	SG	1.119	.046	24.525	***	a4_1
Q18	<---	SG	1.103	.041	27.001	***	a5_1
Q21	<---	SG	1.000				
WNP	<---	SG	1.311	.109	12.023	***	a8_1

Standardized Regression Weights: (KW - Unconstrained)

			Estimate
SG	<---	PD	.675
Q32	<---	PD	.947
Q33	<---	PD	.940
Q36	<---	PD	.919
Q37	<---	PD	.922
Q13	<---	SG	.897
Q17	<---	SG	.935
Q18	<---	SG	.965
Q21	<---	SG	.848
WNP	<---	SG	.657

Variances: (KW - Unconstrained)

	Estimate	S.E.	C.R.	P	Label
PD	1.201	.123	9.736	***	vvv1_1
e9	.365	.043	8.514	***	vv1_1
e1	.139	.019	7.283	***	v1_1

	Estimate	S.E.	C.R.	P	Label
e2	.170	.022	7.704	***	v2_1
e3	.212	.025	8.579	***	v3_1
e4	.145	.017	8.481	***	v4_1
e5	.175	.019	9.106	***	v5_1
e6	.121	.016	7.800	***	v6_1
e7	.060	.011	5.326	***	v7_1
e8	.263	.027	9.752	***	v8_1
e10	1.517	.145	10.438	***	v9_1

Squared Multiple Correlations: (KW - Unconstrained)

	Estimate
SG	.456
WNP	.432
Q21	.719
Q18	.932
Q17	.874
Q13	.805
Q37	.849
Q36	.844
Q33	.884
Q32	.896

Matrices (KW - Unconstrained)

Total Effects (KW - Unconstrained)

	PD	SG
SG	.505	.000
WNP	.662	1.311
Q21	.505	1.000
Q18	.557	1.103
Q17	.565	1.119
Q13	.523	1.036
Q37	.825	.000
Q36	.976	.000
Q33	1.036	.000
Q32	1.000	.000

Standardized Total Effects (KW - Unconstrained)

	PD	SG
SG	.675	.000
WNP	.444	.657
Q21	.572	.848
Q18	.652	.965
Q17	.631	.935
Q13	.606	.897
Q37	.922	.000
Q36	.919	.000
Q33	.940	.000
Q32	.947	.000

Direct Effects (KW - Unconstrained)

	PD	SG
SG	.505	.000
WNP	.000	1.311
Q21	.000	1.000
Q18	.000	1.103
Q17	.000	1.119
Q13	.000	1.036
Q37	.825	.000
Q36	.976	.000
Q33	1.036	.000
Q32	1.000	.000

Standardized Direct Effects (KW - Unconstrained)

	PD	SG
SG	.675	.000

	PD	SG
WNP	.000	.657
Q21	.000	.848
Q18	.000	.965
Q17	.000	.935
Q13	.000	.897
Q37	.922	.000
Q36	.919	.000
Q33	.940	.000
Q32	.947	.000

Indirect Effects (KW - Unconstrained)

	PD	SG
SG	.000	.000
WNP	.662	.000
Q21	.505	.000
Q18	.557	.000
Q17	.565	.000
Q13	.523	.000
Q37	.000	.000
Q36	.000	.000
Q33	.000	.000
Q32	.000	.000

Standardized Indirect Effects (KW - Unconstrained)

	PD	SG
SG	.000	.000
WNP	.444	.000
Q21	.572	.000
Q18	.652	.000
Q17	.631	.000
Q13	.606	.000
Q37	.000	.000
Q36	.000	.000
Q33	.000	.000
Q32	.000	.000

Regression Weights: (KW - Unconstrained)
EG (EG - Unconstrained)
Estimates (EG - Unconstrained)
Scalar Estimates (EG - Unconstrained)
Maximum Likelihood Estimates
Regression Weights: (EG - Unconstrained)

			Estimate	S.E.	C.R.	P	Label
SG	<---	PD	.950	.065	14.662	***	b1_2
Q32	<---	PD	1.000				
Q33	<---	PD	.907	.033	27.210	***	a1_2
Q36	<---	PD	.990	.040	24.867	***	a2_2
Q37	<---	PD	1.000	.040	24.740	***	a3_2
Q13	<---	SG	.907	.033	27.210	***	a1_2
Q17	<---	SG	.821	.042	19.670	***	a4_2
Q18	<---	SG	.853	.045	18.876	***	a5_2
Q21	<---	SG	.847	.044	19.394	***	a6_2
WNP	<---	SG	1.738	.132	13.198	***	a8_2

Standardized Regression Weights: (EG - Unconstrained)

			Estimate
SG	<---	PD	.772
Q32	<---	PD	.946
Q33	<---	PD	.926
Q36	<---	PD	.903
Q37	<---	PD	.901
Q13	<---	SG	.931
Q17	<---	SG	.947

			Estimate
Q18	<---	SG	.926
Q21	<---	SG	.939
WNP	<---	SG	.740

Variances: (EG - Unconstrained)

	Estimate	S.E.	C.R.	P	Label
PD	.945	.099	9.588	***	vvv1_2
e9	.579	.080	7.252	***	vv1_2
e1	.112	.016	6.871	***	v1_2
e2	.129	.016	7.973	***	v2_2
e3	.210	.024	8.747	***	v3_2
e4	.218	.025	8.780	***	v4_2
e5	.180	.021	8.416	***	v5_2
e6	.112	.015	7.663	***	v6_2
e7	.173	.020	8.618	***	v7_2
e8	.136	.017	8.063	***	v8_2
e10	3.565	.345	10.328	***	v9_2

Squared Multiple Correlations: (EG - Unconstrained)

	Estimate
SG	.595
WNP	.548
Q21	.883
Q18	.857
Q17	.896
Q13	.868
Q37	.813
Q36	.815
Q33	.858
Q32	.894

Matrices (EG - Unconstrained)

Total Effects (EG - Unconstrained)

	PD	SG
SG	.950	.000
WNP	1.650	1.738
Q21	.804	.847
Q18	.810	.853
Q17	.779	.821
Q13	.862	.907
Q37	1.000	.000
Q36	.990	.000
Q33	.907	.000
Q32	1.000	.000

Standardized Total Effects (EG - Unconstrained)

	PD	SG
SG	.772	.000
WNP	.571	.740
Q21	.725	.939
Q18	.714	.926
Q17	.730	.947
Q13	.719	.931
Q37	.901	.000
Q36	.903	.000
Q33	.926	.000
Q32	.946	.000

Direct Effects (EG - Unconstrained)

	PD	SG
SG	.950	.000
WNP	.000	1.738
Q21	.000	.847
Q18	.000	.853
Q17	.000	.821

	PD	SG
Q13	.000	.907
Q37	1.000	.000
Q36	.990	.000
Q33	.907	.000
Q32	1.000	.000

Standardized Direct Effects (EG - Unconstrained)

	PD	SG
SG	.772	.000
WNP	.000	.740
Q21	.000	.939
Q18	.000	.926
Q17	.000	.947
Q13	.000	.931
Q37	.901	.000
Q36	.903	.000
Q33	.926	.000
Q32	.946	.000

Indirect Effects (EG - Unconstrained)

	PD	SG
SG	.000	.000
WNP	1.650	.000
Q21	.804	.000
Q18	.810	.000
Q17	.779	.000
Q13	.862	.000
Q37	.000	.000
Q36	.000	.000
Q33	.000	.000
Q32	.000	.000

Standardized Indirect Effects (EG - Unconstrained)

	PD	SG
SG	.000	.000
WNP	.571	.000
Q21	.725	.000
Q18	.714	.000
Q17	.730	.000
Q13	.719	.000
Q37	.000	.000
Q36	.000	.000
Q33	.000	.000
Q32	.000	.000

Modification Indices (EG - Unconstrained)

Covariances: (EG - Unconstrained)

Hypothesis #4 After adding the direct path

Analysis Summary
Date and Time
Date: Tuesday, February 08, 2011
Time: 7:06:30 AM
Title
moderationeffecth06: Tuesday, February 08, 2011 7:06 AM
Groups
Group number 1 (Group number 1)
Notes for Group (Group number 1)
The model is recursive.
Sample size = 231
Variable Summary (KW)
Your model contains the following variables (KW)
Observed, endogenous variables
Q32
Q33
Q36
Q37
Q13
Q17
Q18
Q21
WNP
Unobserved, endogenous variables
SG
Unobserved, exogenous variables
PD
e1
e2
e3
e4
e5
e6
e7
e8
e9
e10
Variable counts (KW)

Number of variables in your model:	21
Number of observed variables:	9
Number of unobserved variables:	12
Number of exogenous variables:	11
Number of endogenous variables:	10

Parameter summary (KW)

	Weights	Covariances	Variances	Means	Intercepts	Total
Fixed	12	0	0	0	0	12
Labeled	9	0	11	0	0	20
Unlabeled	0	0	0	0	0	0
Total	21	0	11	0	0	32

Group number 2 (Group number 2)
Notes for Group (Group number 2)
The model is recursive.
Sample size = 232
Variable Summary (EG)
Your model contains the following variables (EG)
Observed, endogenous variables
Q32
Q33
Q36
Q37
Q13
Q17
Q18
Q21
WNP
Unobserved, endogenous variables
SG

Unobserved, exogenous variables
PD
e1
e2
e3
e4
e5
e6
e7
e8
e9
e10

Variable counts (EG)

Number of variables in your model: 21
Number of observed variables: 9
Number of unobserved variables: 12
Number of exogenous variables: 11
Number of endogenous variables: 10

Parameter summary (EG)

	Weights	Covariances	Variances	Means	Intercepts	Total
Fixed	11	0	0	0	0	11
Labeled	10	0	11	0	0	21
Unlabeled	0	0	0	0	0	0
Total	21	0	11	0	0	32

Models

Unconstrained (Unconstrained)

Notes for Model (Unconstrained)

Computation of degrees of freedom (Unconstrained)

Number of distinct sample moments: 90
Number of distinct parameters to be estimated: 39
Degrees of freedom (90 - 39): 51

Result (Unconstrained)

Minimum was achieved
Chi-square = 291.738
Degrees of freedom = 51
Probability level = .000

KW (KW - Unconstrained)

Estimates (KW - Unconstrained)

Scalar Estimates (KW - Unconstrained)

Maximum Likelihood Estimates

Regression Weights: (KW - Unconstrained)

			Estimate	S.E.	C.R.	P	Label
SG	<---	PD	.502	.041	12.243	***	b1_1
Q32	<---	PD	1.000				
Q33	<---	PD	1.036	.030	34.712	***	a1_1
Q36	<---	PD	.976	.036	27.490	***	a2_1
Q37	<---	PD	.824	.030	27.811	***	a3_1
Q13	<---	SG	1.036	.030	34.712	***	a1_1
Q17	<---	SG	1.121	.046	24.534	***	a4_1
Q18	<---	SG	1.105	.041	27.018	***	a5_1
Q21	<---	SG	1.000				
WNP	<---	PD	.164	.106	1.552	.121	a7_1
WNP	<---	SG	1.159	.145	7.963	***	a8_1

Standardized Regression Weights: (KW - Unconstrained)

			Estimate
SG	<---	PD	.672
Q32	<---	PD	.947
Q33	<---	PD	.940
Q36	<---	PD	.919
Q37	<---	PD	.921
Q13	<---	SG	.896
Q17	<---	SG	.936
Q18	<---	SG	.966
Q21	<---	SG	.847

			Estimate
WNP	<---	PD	.110
WNP	<---	SG	.580

Variances: (KW - Unconstrained)

	Estimate	S.E.	C.R.	P	Label
PD	1.201	.123	9.740	***	vvv1_1
e9	.367	.043	8.511	***	vv1_1
e1	.138	.019	7.267	***	v1_1
e2	.170	.022	7.703	***	v2_1
e3	.212	.025	8.584	***	v3_1
e4	.146	.017	8.499	***	v4_1
e5	.176	.019	9.123	***	v5_1
e6	.120	.015	7.765	***	v6_1
e7	.058	.011	5.215	***	v7_1
e8	.264	.027	9.763	***	v8_1
e10	1.509	.144	10.487	***	v9_1

Squared Multiple Correlations: (KW - Unconstrained)

	Estimate
SG	.452
WNP	.435
Q21	.717
Q18	.933
Q17	.875
Q13	.803
Q37	.849
Q36	.844
Q33	.884
Q32	.897

Matrices (KW - Unconstrained)

Total Effects (KW - Unconstrained)

	PD	SG
SG	.502	.000
WNP	.746	1.159
Q21	.502	1.000
Q18	.555	1.105
Q17	.563	1.121
Q13	.520	1.036
Q37	.824	.000
Q36	.976	.000
Q33	1.036	.000
Q32	1.000	.000

Standardized Total Effects (KW - Unconstrained)

	PD	SG
SG	.672	.000
WNP	.500	.580
Q21	.569	.847
Q18	.649	.966
Q17	.629	.936
Q13	.603	.896
Q37	.921	.000
Q36	.919	.000
Q33	.940	.000
Q32	.947	.000

Direct Effects (KW - Unconstrained)

	PD	SG
SG	.502	.000
WNP	.164	1.159
Q21	.000	1.000
Q18	.000	1.105
Q17	.000	1.121
Q13	.000	1.036

	PD	SG
Q37	.824	.000
Q36	.976	.000
Q33	1.036	.000
Q32	1.000	.000

Standardized Direct Effects (KW - Unconstrained)

	PD	SG
SG	.672	.000
WNP	.110	.580
Q21	.000	.847
Q18	.000	.966
Q17	.000	.936
Q13	.000	.896
Q37	.921	.000
Q36	.919	.000
Q33	.940	.000
Q32	.947	.000

Indirect Effects (KW - Unconstrained)

	PD	SG
SG	.000	.000
WNP	.582	.000
Q21	.502	.000
Q18	.555	.000
Q17	.563	.000
Q13	.520	.000
Q37	.000	.000
Q36	.000	.000
Q33	.000	.000
Q32	.000	.000

Standardized Indirect Effects (KW - Unconstrained)

	PD	SG
SG	.000	.000
WNP	.390	.000
Q21	.569	.000
Q18	.649	.000
Q17	.629	.000
Q13	.603	.000
Q37	.000	.000
Q36	.000	.000
Q33	.000	.000
Q32	.000	.000

EG (EG - Unconstrained)

Estimates (EG - Unconstrained)

Scalar Estimates (EG - Unconstrained)

Maximum Likelihood Estimates

Regression Weights: (EG - Unconstrained)

			Estimate	S.E.	C.R.	P	Label
SG	<---	PD	.957	.065	14.803	***	b1_2
Q32	<---	PD	1.000				
Q33	<---	PD	.906	.033	27.227	***	a1_2
Q36	<---	PD	.990	.040	24.950	***	a2_2
Q37	<---	PD	.999	.040	24.752	***	a3_2
Q13	<---	SG	.906	.033	27.227	***	a1_2
Q17	<---	SG	.818	.042	19.675	***	a4_2
Q18	<---	SG	.849	.045	18.866	***	a5_2
Q21	<---	SG	.845	.043	19.450	***	a6_2
WNP	<---	PD	-.527	.221	-2.380	.017	a7_2
WNP	<---	SG	2.076	.200	10.359	***	a8_2

Standardized Regression Weights: (EG - Unconstrained)

			Estimate
SG	<---	PD	.776

			Estimate
Q32	<---	PD	.946
Q33	<---	PD	.925
Q36	<---	PD	.903
Q37	<---	PD	.901
Q13	<---	SG	.932
Q17	<---	SG	.946
Q18	<---	SG	.924
Q21	<---	SG	.940
WNP	<---	PD	-.183
WNP	<---	SG	.886

Variances: (EG - Unconstrained)

	Estimate	S.E.	C.R.	P	Label
PD	.946	.099	9.601	***	vvv1_2
e9	.572	.079	7.237	***	vv1_2
e1	.110	.016	6.835	***	v1_2
e2	.130	.016	8.011	***	v2_2
e3	.210	.024	8.750	***	v3_2
e4	.219	.025	8.802	***	v4_2
e5	.178	.021	8.418	***	v5_2
e6	.114	.015	7.773	***	v6_2
e7	.176	.020	8.691	***	v7_2
e8	.136	.017	8.087	***	v8_2
e10	3.409	.339	10.066	***	v9_2

Squared Multiple Correlations: (EG - Unconstrained)

	Estimate
SG	.602
WNP	.568
Q21	.883
Q18	.855
Q17	.894
Q13	.869
Q37	.812
Q36	.815
Q33	.857
Q32	.896

Matrices (EG - Unconstrained)

Total Effects (EG - Unconstrained)

	PD	SG
SG	.957	.000
WNP	1.459	2.076
Q21	.808	.845
Q18	.813	.849
Q17	.782	.818
Q13	.867	.906
Q37	.999	.000
Q36	.990	.000
Q33	.906	.000
Q32	1.000	.000

Standardized Total Effects (EG - Unconstrained)

	PD	SG
SG	.776	.000
WNP	.505	.886
Q21	.729	.940
Q18	.717	.924
Q17	.734	.946
Q13	.723	.932
Q37	.901	.000
Q36	.903	.000
Q33	.925	.000
Q32	.946	.000

Direct Effects (EG - Unconstrained)

	PD	SG
SG	.957	.000
WNP	-.527	2.076
Q21	.000	.845
Q18	.000	.849
Q17	.000	.818
Q13	.000	.906
Q37	.999	.000
Q36	.990	.000
Q33	.906	.000
Q32	1.000	.000

Standardized Direct Effects (EG - Unconstrained)

	PD	SG
SG	.776	.000
WNP	-.183	.886
Q21	.000	.940
Q18	.000	.924
Q17	.000	.946
Q13	.000	.932
Q37	.901	.000
Q36	.903	.000
Q33	.925	.000
Q32	.946	.000

Indirect Effects (EG - Unconstrained)

	PD	SG
SG	.000	.000
WNP	1.986	.000
Q21	.808	.000
Q18	.813	.000
Q17	.782	.000
Q13	.867	.000
Q37	.000	.000
Q36	.000	.000
Q33	.000	.000
Q32	.000	.000

Standardized Indirect Effects (EG - Unconstrained)

	PD	SG
SG	.000	.000
WNP	.688	.000
Q21	.729	.000
Q18	.717	.000
Q17	.734	.000
Q13	.723	.000
Q37	.000	.000
Q36	.000	.000
Q33	.000	.000
Q32	.000	.000

Hypothesis #5 – indirect path

Groups

Group number 1 (Group number 1)

Notes for Group (Group number 1)

The model is recursive.

Sample size = 231

Variable Summary (KW)

Your model contains the following variables (KW)

Observed, endogenous variables

Q32
Q33
Q36
Q37
Q13
Q17
Q18
Q21
WP

Unobserved, endogenous variables

SG

Unobserved, exogenous variables

PD
e1
e2
e3
e4
e5
e6
e7
e8
e9
e10

Variable counts (KW)

Number of variables in your model:	21
Number of observed variables:	9
Number of unobserved variables:	12
Number of exogenous variables:	11
Number of endogenous variables:	10

Parameter summary (KW)

	Weights	Covariances	Variances	Means	Intercepts	Total
Fixed	12	0	0	0	0	12
Labeled	8	0	11	0	0	19
Unlabeled	0	0	0	0	0	0
Total	20	0	11	0	0	31

Group number 2 (Group number 2)

Notes for Group (Group number 2)

The model is recursive.

Sample size = 232

Variable Summary (EG)

Your model contains the following variables (EG)

Observed, endogenous variables

Q32
Q33
Q36
Q37
Q13
Q17
Q18
Q21
WP

Unobserved, endogenous variables

SG

Unobserved, exogenous variables

PD
e1
e2
e3
e4

e5
e6
e7
e8
e9
e10

Variable counts (EG)

Number of variables in your model:	21
Number of observed variables:	9
Number of unobserved variables:	12
Number of exogenous variables:	11
Number of endogenous variables:	10

Parameter summary (EG)

	Weights	Covariances	Variances	Means	Intercepts	Total
Fixed	11	0	0	0	0	11
Labeled	9	0	11	0	0	20
Unlabeled	0	0	0	0	0	0
Total	20	0	11	0	0	31

Models

Unconstrained (Unconstrained)

Notes for Model (Unconstrained)

Computation of degrees of freedom (Unconstrained)

Number of distinct sample moments:	90
Number of distinct parameters to be estimated:	37
Degrees of freedom (90 - 37):	53

Result (Unconstrained)

Minimum was achieved
Chi-square = 445.247
Degrees of freedom = 53
Probability level = .000

KW (KW - Unconstrained)

Estimates (KW - Unconstrained)

Scalar Estimates (KW - Unconstrained)

Maximum Likelihood Estimates

Regression Weights: (KW - Unconstrained)

			Estimate	S.E.	C.R.	P	Label
SG	<---	PD	.517	.040	12.829	***	b1_1
Q32	<---	PD	1.000				
Q33	<---	PD	1.034	.030	34.625	***	a1_1
Q36	<---	PD	.975	.036	27.447	***	a2_1
Q37	<---	PD	.824	.030	27.876	***	a3_1
Q13	<---	SG	1.034	.030	34.625	***	a1_1
Q17	<---	SG	1.125	.045	24.723	***	a4_1
Q18	<---	SG	1.099	.041	26.583	***	a5_1
Q21	<---	SG	1.000				
WP	<---	SG	2.173	.165	13.163	***	a8_1

Standardized Regression Weights: (KW - Unconstrained)

			Estimate
SG	<---	PD	.693
Q32	<---	PD	.947
Q33	<---	PD	.940
Q36	<---	PD	.918
Q37	<---	PD	.922
Q13	<---	SG	.892
Q17	<---	SG	.938
Q18	<---	SG	.961
Q21	<---	SG	.850
WP	<---	SG	.697

Variances: (KW - Unconstrained)

	Estimate	S.E.	C.R.	P	Label
PD	1.203	.124	9.735	***	vvv1_1
e9	.348	.041	8.463	***	vv1_1
e1	.139	.019	7.293	***	v1_1

	Estimate	S.E.	C.R.	P	Label
e2	.170	.022	7.722	***	v2_1
e3	.212	.025	8.591	***	v3_1
e4	.144	.017	8.476	***	v4_1
e5	.183	.020	9.153	***	v5_1
e6	.115	.015	7.572	***	v6_1
e7	.067	.012	5.752	***	v7_1
e8	.258	.027	9.707	***	v8_1
e10	3.344	.323	10.355	***	v9_1

Squared Multiple Correlations: (KW - Unconstrained)

	Estimate
SG	.480
WP	.486
Q21	.722
Q18	.924
Q17	.880
Q13	.797
Q37	.850
Q36	.843
Q33	.883
Q32	.896

Matrices (KW - Unconstrained)

Total Effects (KW - Unconstrained)

	PD	SG
SG	.517	.000
WP	1.124	2.173
Q21	.517	1.000
Q18	.568	1.099
Q17	.581	1.125
Q13	.534	1.034
Q37	.824	.000
Q36	.975	.000
Q33	1.034	.000
Q32	1.000	.000

Standardized Total Effects (KW - Unconstrained)

	PD	SG
SG	.693	.000
WP	.483	.697
Q21	.589	.850
Q18	.666	.961
Q17	.650	.938
Q13	.618	.892
Q37	.922	.000
Q36	.918	.000
Q33	.940	.000
Q32	.947	.000

Direct Effects (KW - Unconstrained)

	PD	SG
SG	.517	.000
WP	.000	2.173
Q21	.000	1.000
Q18	.000	1.099
Q17	.000	1.125
Q13	.000	1.034
Q37	.824	.000
Q36	.975	.000
Q33	1.034	.000
Q32	1.000	.000

Standardized Direct Effects (KW - Unconstrained)

	PD	SG
SG	.693	.000

	PD	SG
WP	.000	.697
Q21	.000	.850
Q18	.000	.961
Q17	.000	.938
Q13	.000	.892
Q37	.922	.000
Q36	.918	.000
Q33	.940	.000
Q32	.947	.000

Indirect Effects (KW - Unconstrained)

	PD	SG
SG	.000	.000
WP	1.124	.000
Q21	.517	.000
Q18	.568	.000
Q17	.581	.000
Q13	.534	.000
Q37	.000	.000
Q36	.000	.000
Q33	.000	.000
Q32	.000	.000

Standardized Indirect Effects (KW - Unconstrained)

	PD	SG
SG	.000	.000
WP	.483	.000
Q21	.589	.000
Q18	.666	.000
Q17	.650	.000
Q13	.618	.000
Q37	.000	.000
Q36	.000	.000
Q33	.000	.000
Q32	.000	.000

EG (EG - Unconstrained)

Estimates (EG - Unconstrained)

Scalar Estimates (EG - Unconstrained)

Maximum Likelihood Estimates

Regression Weights: (EG - Unconstrained)

			Estimate	S.E.	C.R.	P	Label
SG	<---	PD	.957	.065	14.836	***	b1_2
Q32	<---	PD	1.000				
Q33	<---	PD	.907	.033	27.211	***	a1_2
Q36	<---	PD	.990	.040	24.897	***	a2_2
Q37	<---	PD	1.000	.040	24.740	***	a3_2
Q13	<---	SG	.907	.033	27.211	***	a1_2
Q17	<---	SG	.820	.042	19.616	***	a4_2
Q18	<---	SG	.853	.045	18.849	***	a5_2
Q21	<---	SG	.846	.044	19.326	***	a6_2
WP	<---	SG	.509	.101	5.041	***	a8_2

Standardized Regression Weights: (EG - Unconstrained)

			Estimate
SG	<---	PD	.778
Q32	<---	PD	.946
Q33	<---	PD	.926
Q36	<---	PD	.903
Q37	<---	PD	.901
Q13	<---	SG	.931
Q17	<---	SG	.946
Q18	<---	SG	.926
Q21	<---	SG	.939

			Estimate
WP	<---	SG	.327

Variances: (EG - Unconstrained)

	Estimate	S.E.	C.R.	P	Label
PD	.945	.099	9.591	***	vvv1_2
e9	.566	.078	7.220	***	vv1_2
e1	.111	.016	6.869	***	v1_2
e2	.129	.016	7.987	***	v2_2
e3	.210	.024	8.747	***	v3_2
e4	.218	.025	8.789	***	v4_2
e5	.181	.022	8.320	***	v5_2
e6	.113	.015	7.548	***	v6_2
e7	.173	.020	8.517	***	v7_2
e8	.138	.017	7.983	***	v8_2
e10	3.097	.289	10.704	***	v9_2

Squared Multiple Correlations: (EG - Unconstrained)

	Estimate
SG	.605
WP	.107
Q21	.881
Q18	.857
Q17	.895
Q13	.867
Q37	.812
Q36	.815
Q33	.857
Q32	.895

Matrices (EG - Unconstrained)

Total Effects (EG - Unconstrained)

	PD	SG
SG	.957	.000
WP	.488	.509
Q21	.809	.846
Q18	.816	.853
Q17	.785	.820
Q13	.868	.907
Q37	1.000	.000
Q36	.990	.000
Q33	.907	.000
Q32	1.000	.000

Standardized Total Effects (EG - Unconstrained)

	PD	SG
SG	.778	.000
WP	.254	.327
Q21	.730	.939
Q18	.720	.926
Q17	.736	.946
Q13	.724	.931
Q37	.901	.000
Q36	.903	.000
Q33	.926	.000
Q32	.946	.000

Direct Effects (EG - Unconstrained)

	PD	SG
SG	.957	.000
WP	.000	.509
Q21	.000	.846
Q18	.000	.853
Q17	.000	.820
Q13	.000	.907
Q37	1.000	.000

	PD	SG
Q36	.990	.000
Q33	.907	.000
Q32	1.000	.000

Standardized Direct Effects (EG - Unconstrained)

	PD	SG
SG	.778	.000
WP	.000	.327
Q21	.000	.939
Q18	.000	.926
Q17	.000	.946
Q13	.000	.931
Q37	.901	.000
Q36	.903	.000
Q33	.926	.000
Q32	.946	.000

Indirect Effects (EG - Unconstrained)

	PD	SG
SG	.000	.000
WP	.488	.000
Q21	.809	.000
Q18	.816	.000
Q17	.785	.000
Q13	.868	.000
Q37	.000	.000
Q36	.000	.000
Q33	.000	.000
Q32	.000	.000

Standardized Indirect Effects (EG - Unconstrained)

	PD	SG
SG	.000	.000
WP	.254	.000
Q21	.730	.000
Q18	.720	.000
Q17	.736	.000
Q13	.724	.000
Q37	.000	.000
Q36	.000	.000
Q33	.000	.000
Q32	.000	.000

Hypothesis # 5 – after adding the direct path

Groups

Group number 1 (Group number 1)

Notes for Group (Group number 1)

The model is recursive.

Sample size = 231

Variable Summary (KW)

Your model contains the following variables (KW)

Observed, endogenous variables

Q32
Q33
Q36
Q37
Q13
Q17
Q18
Q21
WP

Unobserved, endogenous variables

SG

Unobserved, exogenous variables

PD
e1
e2
e3
e4
e5
e6
e7
e8
e9
e10

Variable counts (KW)

Number of variables in your model:	21
Number of observed variables:	9
Number of unobserved variables:	12
Number of exogenous variables:	11
Number of endogenous variables:	10

Parameter summary (KW)

	Weights	Covariances	Variances	Means	Intercepts	Total
Fixed	12	0	0	0	0	12
Labeled	9	0	11	0	0	20
Unlabeled	0	0	0	0	0	0
Total	21	0	11	0	0	32

Group number 2 (Group number 2)

Notes for Group (Group number 2)

The model is recursive.

Sample size = 232

Variable Summary (EG)

Your model contains the following variables (EG)

Observed, endogenous variables

Q32
Q33
Q36
Q37
Q13
Q17
Q18
Q21
WP

Unobserved, endogenous variables

SG

Unobserved, exogenous variables

PD
e1
e2
e3
e4

e5
e6
e7
e8
e9
e10

Variable counts (EG)

Number of variables in your model:	21
Number of observed variables:	9
Number of unobserved variables:	12
Number of exogenous variables:	11
Number of endogenous variables:	10

Parameter summary (EG)

	Weights	Covariances	Variances	Means	Intercepts	Total
Fixed	11	0	0	0	0	11
Labeled	10	0	11	0	0	21
Unlabeled	0	0	0	0	0	0
Total	21	0	11	0	0	32

Models

Unconstrained (Unconstrained)

Notes for Model (Unconstrained)

Computation of degrees of freedom (Unconstrained)

Number of distinct sample moments:	90
Number of distinct parameters to be estimated:	39
Degrees of freedom (90 - 39):	51

Result (Unconstrained)

Minimum was achieved
Chi-square = 295.168
Degrees of freedom = 51
Probability level = .000

KW (KW - Unconstrained)

Estimates (KW - Unconstrained)

Scalar Estimates (KW - Unconstrained)

Maximum Likelihood Estimates

Regression Weights: (KW - Unconstrained)

			Estimate	S.E.	C.R.	P	Label
SG	<---	PD	.496	.041	12.114	***	b1_1
Q32	<---	PD	1.000				
Q33	<---	PD	1.026	.029	35.075	***	a1_1
Q36	<---	PD	.970	.034	28.346	***	a2_1
Q37	<---	PD	.813	.029	27.828	***	a3_1
Q13	<---	SG	1.026	.029	35.075	***	a1_1
Q17	<---	SG	1.123	.045	24.776	***	a4_1
Q18	<---	SG	1.102	.041	26.928	***	a5_1
Q21	<---	SG	1.000				
WP	<---	PD	1.594	.119	13.340	***	a7_1
WP	<---	SG	.674	.158	4.260	***	a8_1

Standardized Regression Weights: (KW - Unconstrained)

			Estimate
SG	<---	PD	.668
Q32	<---	PD	.954
Q33	<---	PD	.936
Q36	<---	PD	.920
Q37	<---	PD	.916
Q13	<---	SG	.891
Q17	<---	SG	.939
Q18	<---	SG	.966
Q21	<---	SG	.847
WP	<---	PD	.690
WP	<---	SG	.217

Variances: (KW - Unconstrained)

	Estimate	S.E.	C.R.	P	Label
PD	1.220	.124	9.848	***	vvv1_1

	Estimate	S.E.	C.R.	P	Label
e9	.373	.044	8.516	***	vv1_1
e1	.120	.017	7.018	***	v1_1
e2	.181	.022	8.133	***	v2_1
e3	.209	.024	8.716	***	v3_1
e4	.155	.018	8.830	***	v4_1
e5	.183	.020	9.202	***	v5_1
e6	.113	.015	7.492	***	v6_1
e7	.059	.011	5.146	***	v7_1
e8	.266	.027	9.757	***	v8_1
e10	1.805	.180	10.039	***	v9_1

Squared Multiple Correlations: (KW - Unconstrained)

	Estimate
SG	.446
WP	.723
Q21	.717
Q18	.933
Q17	.882
Q13	.794
Q37	.839
Q36	.846
Q33	.876
Q32	.910

Matrices (KW - Unconstrained)

Total Effects (KW - Unconstrained)

	PD	SG
SG	.496	.000
WP	1.928	.674
Q21	.496	1.000
Q18	.547	1.102
Q17	.557	1.123
Q13	.509	1.026
Q37	.813	.000
Q36	.970	.000
Q33	1.026	.000
Q32	1.000	.000

Standardized Total Effects (KW - Unconstrained)

	PD	SG
SG	.668	.000
WP	.835	.217
Q21	.566	.847
Q18	.645	.966
Q17	.627	.939
Q13	.595	.891
Q37	.916	.000
Q36	.920	.000
Q33	.936	.000
Q32	.954	.000

Direct Effects (KW - Unconstrained)

	PD	SG
SG	.496	.000
WP	1.594	.674
Q21	.000	1.000
Q18	.000	1.102
Q17	.000	1.123
Q13	.000	1.026
Q37	.813	.000
Q36	.970	.000
Q33	1.026	.000
Q32	1.000	.000

Standardized Direct Effects (KW - Unconstrained)

	PD	SG
SG	.668	.000
WP	.690	.217
Q21	.000	.847
Q18	.000	.966
Q17	.000	.939
Q13	.000	.891
Q37	.916	.000
Q36	.920	.000
Q33	.936	.000
Q32	.954	.000

Indirect Effects (KW - Unconstrained)

	PD	SG
SG	.000	.000
WP	.334	.000
Q21	.496	.000
Q18	.547	.000
Q17	.557	.000
Q13	.509	.000
Q37	.000	.000
Q36	.000	.000
Q33	.000	.000
Q32	.000	.000

Standardized Indirect Effects (KW - Unconstrained)

	PD	SG
SG	.000	.000
WP	.145	.000
Q21	.566	.000
Q18	.645	.000
Q17	.627	.000
Q13	.595	.000
Q37	.000	.000
Q36	.000	.000
Q33	.000	.000
Q32	.000	.000

EG (EG - Unconstrained)

Estimates (EG - Unconstrained)

Scalar Estimates (EG - Unconstrained)

Maximum Likelihood Estimates

Regression Weights: (EG - Unconstrained)

			Estimate	S.E.	C.R.	P	Label
SG	<---	PD	.953	.065	14.739	***	b1_2
Q32	<---	PD	1.000				
Q33	<---	PD	.907	.033	27.198	***	a1_2
Q36	<---	PD	.990	.040	24.859	***	a2_2
Q37	<---	PD	1.001	.040	24.814	***	a3_2
Q13	<---	SG	.907	.033	27.198	***	a1_2
Q17	<---	SG	.822	.042	19.618	***	a4_2
Q18	<---	SG	.854	.045	18.831	***	a5_2
Q21	<---	SG	.847	.044	19.284	***	a6_2
WP	<---	PD	.772	.198	3.901	***	a7_2
WP	<---	SG	.008	.160	.050	.960	a8_2

Standardized Regression Weights: (EG - Unconstrained)

			Estimate
SG	<---	PD	.775
Q32	<---	PD	.946
Q33	<---	PD	.926
Q36	<---	PD	.903
Q37	<---	PD	.902
Q13	<---	SG	.930
Q17	<---	SG	.947

			Estimate
Q18	<---	SG	.926
Q21	<---	SG	.938
WP	<---	PD	.403
WP	<---	SG	.005

Variances: (EG - Unconstrained)

	Estimate	S.E.	C.R.	P	Label
PD	.944	.099	9.588	***	vvv1_2
e9	.570	.079	7.220	***	vv1_2
e1	.112	.016	6.913	***	v1_2
e2	.130	.016	8.013	***	v2_2
e3	.211	.024	8.771	***	v3_2
e4	.217	.025	8.783	***	v4_2
e5	.183	.022	8.350	***	v5_2
e6	.110	.015	7.473	***	v6_2
e7	.172	.020	8.498	***	v7_2
e8	.139	.017	7.985	***	v8_2
e10	2.895	.272	10.658	***	v9_2

Squared Multiple Correlations: (EG - Unconstrained)

	Estimate
SG	.601
WP	.166
Q21	.881
Q18	.858
Q17	.897
Q13	.865
Q37	.814
Q36	.815
Q33	.857
Q32	.894

Matrices (EG - Unconstrained)

Total Effects (EG - Unconstrained)

	PD	SG
SG	.953	.000
WP	.780	.008
Q21	.807	.847
Q18	.814	.854
Q17	.784	.822
Q13	.865	.907
Q37	1.001	.000
Q36	.990	.000
Q33	.907	.000
Q32	1.000	.000

Standardized Total Effects (EG - Unconstrained)

	PD	SG
SG	.775	.000
WP	.407	.005
Q21	.727	.938
Q18	.718	.926
Q17	.734	.947
Q13	.721	.930
Q37	.902	.000
Q36	.903	.000
Q33	.926	.000
Q32	.946	.000

Direct Effects (EG - Unconstrained)

	PD	SG
SG	.953	.000
WP	.772	.008
Q21	.000	.847
Q18	.000	.854

	PD	SG
Q17	.000	.822
Q13	.000	.907
Q37	1.001	.000
Q36	.990	.000
Q33	.907	.000
Q32	1.000	.000

Standardized Direct Effects (EG - Unconstrained)

	PD	SG
SG	.775	.000
WP	.403	.005
Q21	.000	.938
Q18	.000	.926
Q17	.000	.947
Q13	.000	.930
Q37	.902	.000
Q36	.903	.000
Q33	.926	.000
Q32	.946	.000

Indirect Effects (EG - Unconstrained)

	PD	SG
SG	.000	.000
WP	.008	.000
Q21	.807	.000
Q18	.814	.000
Q17	.784	.000
Q13	.865	.000
Q37	.000	.000
Q36	.000	.000
Q33	.000	.000
Q32	.000	.000

Standardized Indirect Effects (EG - Unconstrained)

	PD	SG
SG	.000	.000
WP	.004	.000
Q21	.727	.000
Q18	.718	.000
Q17	.734	.000
Q13	.721	.000
Q37	.000	.000
Q36	.000	.000
Q33	.000	.000
Q32	.000	.000

Hypothesis #6 indirect path

Group number 1 (Group number 1)
Notes for Group (Group number 1)
The model is recursive.
Sample size = 231
Variable Summary (KW)
Your model contains the following variables (KW)
Observed, endogenous variables
Q32
Q33
Q36
Q37
Q23
Q28
Q29
Q30
WCP
Unobserved, endogenous variables
PG
Unobserved, exogenous variables
PD
e1
e2
e3
e4
e5
e6
e7
e8
e9
e10
Variable counts (KW)
Number of variables in your model: 21
Number of observed variables: 9
Number of unobserved variables: 12
Number of exogenous variables: 11
Number of endogenous variables: 10
Parameter summary (KW)

	Weights	Covariances	Variances	Means	Intercepts	Total
Fixed	12	0	0	0	0	12
Labeled	8	0	11	0	0	19
Unlabeled	0	0	0	0	0	0
Total	20	0	11	0	0	31

Group number 2 (Group number 2)
Notes for Group (Group number 2)
The model is recursive.
Sample size = 232
Variable Summary (EG)
Your model contains the following variables (EG)
Observed, endogenous variables
Q32
Q33
Q36
Q37
Q23
Q28
Q29
Q30
WCP
Unobserved, endogenous variables
PG
Unobserved, exogenous variables
PD
e1
e2
e3

e4
e5
e6
e7
e8
e9
e10

Variable counts (EG)

Number of variables in your model: 21
Number of observed variables: 9
Number of unobserved variables: 12
Number of exogenous variables: 11
Number of endogenous variables: 10

Parameter summary (EG)

	Weights	Covariances	Variances	Means	Intercepts	Total
Fixed	11	0	0	0	0	11
Labeled	9	0	11	0	0	20
Unlabeled	0	0	0	0	0	0
Total	20	0	11	0	0	31

Models

Unconstrained (Unconstrained)

Notes for Model (Unconstrained)

Computation of degrees of freedom (Unconstrained)

Number of distinct sample moments: 90
Number of distinct parameters to be estimated: 37
Degrees of freedom (90 - 37): 53

Result (Unconstrained)

Minimum was achieved
Chi-square = 235.980
Degrees of freedom = 53
Probability level = .000

KW (KW - Unconstrained)

Estimates (KW - Unconstrained)

Scalar Estimates (KW - Unconstrained)

Maximum Likelihood Estimates

Regression Weights: (KW - Unconstrained)

			Estimate	S.E.	C.R.	P	Label
PG	<---	PD	.853	.052	16.329	***	b1_1
Q32	<---	PD	1.000				
Q33	<---	PD	.921	.025	36.912	***	a1_1
Q36	<---	PD	.994	.039	25.532	***	a2_1
Q37	<---	PD	1.008	.039	25.708	***	a3_1
Q23	<---	PG	.921	.025	36.912	***	a1_1
Q28	<---	PG	.962	.025	38.340	***	a4_1
Q29	<---	PG	1.028	.030	34.036	***	a5_1
Q30	<---	PG	1.000				
WCP	<---	PG	1.639	.156	10.502	***	a8_1

Standardized Regression Weights: (KW - Unconstrained)

			Estimate
PG	<---	PD	.775
Q32	<---	PD	.946
Q33	<---	PD	.926
Q36	<---	PD	.901
Q37	<---	PD	.903
Q23	<---	PG	.887
Q28	<---	PG	.966
Q29	<---	PG	.948
Q30	<---	PG	.959
WCP	<---	PG	.582

Variances: (KW - Unconstrained)

	Estimate	S.E.	C.R.	P	Label
PD	.935	.096	9.770	***	vvv1_1
e9	.452	.050	9.111	***	vv1_1
e1	.110	.016	6.904	***	v1_1

	Estimate	S.E.	C.R.	P	Label
e2	.131	.016	7.998	***	v2_1
e3	.215	.024	8.783	***	v3_1
e4	.216	.025	8.742	***	v4_1
e5	.259	.027	9.719	***	v5_1
e6	.074	.011	6.691	***	v6_1
e7	.136	.017	8.229	***	v7_1
e8	.099	.013	7.456	***	v8_1
e10	5.940	.561	10.586	***	v9_1

Squared Multiple Correlations: (KW - Unconstrained)

	Estimate
PG	.601
WCP	.338
Q30	.920
Q29	.898
Q28	.934
Q23	.788
Q37	.815
Q36	.811
Q33	.858
Q32	.895

Matrices (KW - Unconstrained)

Total Effects (KW - Unconstrained)

	PD	PG
PG	.853	.000
WCP	1.397	1.639
Q30	.853	1.000
Q29	.877	1.028
Q28	.820	.962
Q23	.785	.921
Q37	1.008	.000
Q36	.994	.000
Q33	.921	.000
Q32	1.000	.000

Standardized Total Effects (KW - Unconstrained)

	PD	PG
PG	.775	.000
WCP	.451	.582
Q30	.743	.959
Q29	.735	.948
Q28	.749	.966
Q23	.688	.887
Q37	.903	.000
Q36	.901	.000
Q33	.926	.000
Q32	.946	.000

Direct Effects (KW - Unconstrained)

	PD	PG
PG	.853	.000
WCP	.000	1.639
Q30	.000	1.000
Q29	.000	1.028
Q28	.000	.962
Q23	.000	.921
Q37	1.008	.000
Q36	.994	.000
Q33	.921	.000
Q32	1.000	.000

Standardized Direct Effects (KW - Unconstrained)

	PD	PG
PG	.775	.000

	PD	PG
WCP	.000	.582
Q30	.000	.959
Q29	.000	.948
Q28	.000	.966
Q23	.000	.887
Q37	.903	.000
Q36	.901	.000
Q33	.926	.000
Q32	.946	.000

Indirect Effects (KW - Unconstrained)

	PD	PG
PG	.000	.000
WCP	1.397	.000
Q30	.853	.000
Q29	.877	.000
Q28	.820	.000
Q23	.785	.000
Q37	.000	.000
Q36	.000	.000
Q33	.000	.000
Q32	.000	.000

Standardized Indirect Effects (KW - Unconstrained)

	PD	PG
PG	.000	.000
WCP	.451	.000
Q30	.743	.000
Q29	.735	.000
Q28	.749	.000
Q23	.688	.000
Q37	.000	.000
Q36	.000	.000
Q33	.000	.000
Q32	.000	.000

EG (EG - Unconstrained)

Estimates (EG - Unconstrained)

Scalar Estimates (EG - Unconstrained)

Maximum Likelihood Estimates

Regression Weights: (EG - Unconstrained)

			Estimate	S.E.	C.R.	P	Label
PG	<---	PD	.554	.047	11.922	***	b1_2
Q32	<---	PD	1.000				
Q33	<---	PD	1.013	.034	29.724	***	a1_2
Q36	<---	PD	.965	.035	27.370	***	a2_2
Q37	<---	PD	.812	.030	27.219	***	a3_2
Q23	<---	PG	1.013	.034	29.724	***	a1_2
Q28	<---	PG	1.097	.062	17.763	***	a4_2
Q29	<---	PG	1.008	.060	16.682	***	a5_2
Q30	<---	PG	1.064	.065	16.335	***	a6_2
WCP	<---	PG	1.104	.085	12.998	***	a8_2

Standardized Regression Weights: (EG - Unconstrained)

			Estimate
PG	<---	PD	.704
Q32	<---	PD	.952
Q33	<---	PD	.938
Q36	<---	PD	.919
Q37	<---	PD	.918
Q23	<---	PG	.856
Q28	<---	PG	.963
Q29	<---	PG	.921
Q30	<---	PG	.908

			Estimate
WCP	<---	PG	.767

Variances: (EG - Unconstrained)

	Estimate	S.E.	C.R.	P	Label
PD	1.226	.126	9.721	***	vvv1_2
e9	.384	.056	6.884	***	vv1_2
e1	.127	.018	6.938	***	v1_2
e2	.173	.022	7.863	***	v2_2
e3	.210	.024	8.622	***	v3_2
e4	.151	.017	8.662	***	v4_2
e5	.285	.029	9.665	***	v5_2
e6	.071	.013	5.627	***	v6_2
e7	.138	.016	8.425	***	v7_2
e8	.183	.021	8.835	***	v8_2
e10	.648	.064	10.193	***	v9_2

Squared Multiple Correlations: (EG - Unconstrained)

	Estimate
PG	.495
WCP	.589
Q30	.825
Q29	.849
Q28	.928
Q23	.733
Q37	.842
Q36	.845
Q33	.879
Q32	.906

Matrices (EG - Unconstrained)

Total Effects (EG - Unconstrained)

	PD	PG
PG	.554	.000
WCP	.612	1.104
Q30	.590	1.064
Q29	.559	1.008
Q28	.608	1.097
Q23	.562	1.013
Q37	.812	.000
Q36	.965	.000
Q33	1.013	.000
Q32	1.000	.000

Standardized Total Effects (EG - Unconstrained)

	PD	PG
PG	.704	.000
WCP	.540	.767
Q30	.639	.908
Q29	.648	.921
Q28	.678	.963
Q23	.602	.856
Q37	.918	.000
Q36	.919	.000
Q33	.938	.000
Q32	.952	.000

Direct Effects (EG - Unconstrained)

	PD	PG
PG	.554	.000
WCP	.000	1.104
Q30	.000	1.064
Q29	.000	1.008
Q28	.000	1.097
Q23	.000	1.013
Q37	.812	.000

	PD	PG
Q36	.965	.000
Q33	1.013	.000
Q32	1.000	.000

Standardized Direct Effects (EG - Unconstrained)

	PD	PG
PG	.704	.000
WCP	.000	.767
Q30	.000	.908
Q29	.000	.921
Q28	.000	.963
Q23	.000	.856
Q37	.918	.000
Q36	.919	.000
Q33	.938	.000
Q32	.952	.000

Indirect Effects (EG - Unconstrained)

	PD	PG
PG	.000	.000
WCP	.612	.000
Q30	.590	.000
Q29	.559	.000
Q28	.608	.000
Q23	.562	.000
Q37	.000	.000
Q36	.000	.000
Q33	.000	.000
Q32	.000	.000

Standardized Indirect Effects (EG - Unconstrained)

	PD	PG
PG	.000	.000
WCP	.540	.000
Q30	.639	.000
Q29	.648	.000
Q28	.678	.000
Q23	.602	.000
Q37	.000	.000
Q36	.000	.000
Q33	.000	.000
Q32	.000	.000

Hypothesis # 6– After adding the direct path

Groups

Group number 1 (Group number 1)

Notes for Group (Group number 1)

The model is recursive.

Sample size = 231

Variable Summary (KW)

Your model contains the following variables (KW)

Observed, endogenous variables

Q32
Q33
Q36
Q37
Q23
Q28
Q29
Q30
WCP

Unobserved, endogenous variables

PG

Unobserved, exogenous variables

PD
e1
e2
e3
e4
e5
e6
e7
e8
e9
e10

Variable counts (KW)

Number of variables in your model:	21
Number of observed variables:	9
Number of unobserved variables:	12
Number of exogenous variables:	11
Number of endogenous variables:	10

Parameter summary (KW)

	Weights	Covariances	Variances	Means	Intercepts	Total
Fixed	12	0	0	0	0	12
Labeled	9	0	11	0	0	20
Unlabeled	0	0	0	0	0	0
Total	21	0	11	0	0	32

Group number 2 (Group number 2)

Notes for Group (Group number 2)

The model is recursive.

Sample size = 232

Variable Summary (EG)

Your model contains the following variables (EG)

Observed, endogenous variables

Q32
Q33
Q36
Q37
Q23
Q28
Q29
Q30
WCP

Unobserved, endogenous variables

PG

Unobserved, exogenous variables

PD
e1
e2
e3

e4
e5
e6
e7
e8
e9
e10

Variable counts (EG)

Number of variables in your model: 21
Number of observed variables: 9
Number of unobserved variables: 12
Number of exogenous variables: 11
Number of endogenous variables: 10

Parameter summary (EG)

	Weights	Covariances	Variances	Means	Intercepts	Total
Fixed	11	0	0	0	0	11
Labeled	10	0	11	0	0	21
Unlabeled	0	0	0	0	0	0
Total	21	0	11	0	0	32

Models

Unconstrained (Unconstrained)

Notes for Model (Unconstrained)

Computation of degrees of freedom (Unconstrained)

Number of distinct sample moments: 90
Number of distinct parameters to be estimated: 39
Degrees of freedom (90 - 39): 51

Result (Unconstrained)

Minimum was achieved
Chi-square = 211.148
Degrees of freedom = 51
Probability level = .000

KW (KW - Unconstrained)

Estimates (KW - Unconstrained)

Scalar Estimates (KW - Unconstrained)

Maximum Likelihood Estimates

Regression Weights: (KW - Unconstrained)

			Estimate	S.E.	C.R.	P	Label
PG	<---	PD	.853	.052	16.358	***	b1_1
Q32	<---	PD	1.000				
Q33	<---	PD	.920	.025	36.922	***	a1_1
Q36	<---	PD	.994	.039	25.539	***	a2_1
Q37	<---	PD	1.008	.039	25.730	***	a3_1
Q23	<---	PG	.920	.025	36.922	***	a1_1
Q28	<---	PG	.961	.025	38.290	***	a4_1
Q29	<---	PG	1.028	.030	34.047	***	a5_1
Q30	<---	PG	1.000				
WCP	<---	PD	-.208	.284	-.734	.463	a7_1
WCP	<---	PG	1.789	.258	6.942	***	a8_1

Standardized Regression Weights: (KW - Unconstrained)

			Estimate
PG	<---	PD	.776
Q32	<---	PD	.946
Q33	<---	PD	.926
Q36	<---	PD	.901
Q37	<---	PD	.903
Q23	<---	PG	.888
Q28	<---	PG	.966
Q29	<---	PG	.948
Q30	<---	PG	.959
WCP	<---	PD	-.067
WCP	<---	PG	.635

Variances: (KW - Unconstrained)

	Estimate	S.E.	C.R.	P	Label
PD	.935	.096	9.774	***	vvv1_1

	Estimate	S.E.	C.R.	P	Label
e9	.451	.049	9.104	***	vv1_1
e1	.109	.016	6.881	***	v1_1
e2	.131	.016	8.013	***	v2_1
e3	.215	.024	8.789	***	v3_1
e4	.216	.025	8.744	***	v4_1
e5	.258	.027	9.719	***	v5_1
e6	.074	.011	6.721	***	v6_1
e7	.136	.016	8.229	***	v7_1
e8	.099	.013	7.460	***	v8_1
e10	5.911	.560	10.550	***	v9_1

Squared Multiple Correlations: (KW - Unconstrained)

	Estimate
PG	.602
WCP	.342
Q30	.920
Q29	.898
Q28	.934
Q23	.788
Q37	.815
Q36	.811
Q33	.858
Q32	.895

Matrices (KW - Unconstrained)

Total Effects (KW - Unconstrained)

	PD	PG
PG	.853	.000
WCP	1.318	1.789
Q30	.853	1.000
Q29	.877	1.028
Q28	.820	.961
Q23	.785	.920
Q37	1.008	.000
Q36	.994	.000
Q33	.920	.000
Q32	1.000	.000

Standardized Total Effects (KW - Unconstrained)

	PD	PG
PG	.776	.000
WCP	.425	.635
Q30	.744	.959
Q29	.735	.948
Q28	.750	.966
Q23	.688	.888
Q37	.903	.000
Q36	.901	.000
Q33	.926	.000
Q32	.946	.000

Direct Effects (KW - Unconstrained)

	PD	PG
PG	.853	.000
WCP	-.208	1.789
Q30	.000	1.000
Q29	.000	1.028
Q28	.000	.961
Q23	.000	.920
Q37	1.008	.000
Q36	.994	.000
Q33	.920	.000
Q32	1.000	.000

Standardized Direct Effects (KW - Unconstrained)

	PD	PG
PG	.776	.000
WCP	-.067	.635
Q30	.000	.959
Q29	.000	.948
Q28	.000	.966
Q23	.000	.888
Q37	.903	.000
Q36	.901	.000
Q33	.926	.000
Q32	.946	.000

Indirect Effects (KW - Unconstrained)

	PD	PG
PG	.000	.000
WCP	1.526	.000
Q30	.853	.000
Q29	.877	.000
Q28	.820	.000
Q23	.785	.000
Q37	.000	.000
Q36	.000	.000
Q33	.000	.000
Q32	.000	.000

Standardized Indirect Effects (KW - Unconstrained)

	PD	PG
PG	.000	.000
WCP	.493	.000
Q30	.744	.000
Q29	.735	.000
Q28	.750	.000
Q23	.688	.000
Q37	.000	.000
Q36	.000	.000
Q33	.000	.000
Q32	.000	.000

Modification Indices (KW - Unconstrained)

Covariances: (KW - Unconstrained)

			M.I.	Par Change
e7	<-->	e8	7.759	-.027
e6	<-->	e7	4.200	.018
e5	<-->	e8	7.552	.035
e5	<-->	e6	7.318	-.031
e4	<-->	e6	5.476	-.027
e3	<-->	e9	8.752	.070
e3	<-->	e7	5.453	-.033
e3	<-->	e5	24.503	.088
e2	<-->	e10	4.674	.145
e1	<-->	e10	6.293	-.164
e1	<-->	e8	4.581	-.021
e1	<-->	e6	7.975	.025
e1	<-->	e5	5.639	-.034

Variances: (KW - Unconstrained)

M.I.	Par Change

Regression Weights: (KW - Unconstrained)

			M.I.	Par Change
Q29	<---	Q37	4.468	.054
Q23	<---	Q36	10.127	.105
Q36	<---	Q30	4.570	.065
Q36	<---	Q23	14.025	.114
Q32	<---	WCP	4.290	-.018

EG (EG - Unconstrained)

Estimates (EG - Unconstrained)
Scalar Estimates (EG - Unconstrained)
Maximum Likelihood Estimates
Regression Weights: (EG - Unconstrained)

			Estimate	S.E.	C.R.	P	Label
PG	<---	PD	.545	.047	11.621	***	b1_2
Q32	<---	PD	1.000				
Q33	<---	PD	1.010	.034	29.807	***	a1_2
Q36	<---	PD	.963	.035	27.612	***	a2_2
Q37	<---	PD	.809	.030	27.265	***	a3_2
Q23	<---	PG	1.010	.034	29.807	***	a1_2
Q28	<---	PG	1.098	.062	17.811	***	a4_2
Q29	<---	PG	1.008	.060	16.735	***	a5_2
Q30	<---	PG	1.059	.065	16.259	***	a6_2
WCP	<---	PD	.345	.068	5.076	***	a7_2
WCP	<---	PG	.787	.095	8.298	***	a8_2

Standardized Regression Weights: (EG - Unconstrained)

			Estimate
PG	<---	PD	.691
Q32	<---	PD	.954
Q33	<---	PD	.936
Q36	<---	PD	.919
Q37	<---	PD	.916
Q23	<---	PG	.855
Q28	<---	PG	.966
Q29	<---	PG	.924
Q30	<---	PG	.905
WCP	<---	PD	.305
WCP	<---	PG	.548

Variances: (EG - Unconstrained)

	Estimate	S.E.	C.R.	P	Label
PD	1.231	.126	9.755	***	vvv1_2
e9	.399	.058	6.895	***	vv1_2
e1	.123	.018	6.843	***	v1_2
e2	.176	.022	7.962	***	v2_2
e3	.209	.024	8.638	***	v3_2
e4	.154	.018	8.726	***	v4_2
e5	.286	.030	9.678	***	v5_2
e6	.066	.013	5.262	***	v6_2
e7	.134	.016	8.321	***	v7_2
e8	.189	.021	8.900	***	v8_2
e10	.592	.057	10.345	***	v9_2

Squared Multiple Correlations: (EG - Unconstrained)

	Estimate
PG	.478
WCP	.624
Q30	.820
Q29	.853
Q28	.933
Q23	.732
Q37	.840
Q36	.845
Q33	.877
Q32	.909

Matrices (EG - Unconstrained)
Total Effects (EG - Unconstrained)

	PD	PG
PG	.545	.000
WCP	.773	.787
Q30	.577	1.059
Q29	.549	1.008

	PD	PG
Q28	.598	1.098
Q23	.550	1.010
Q37	.809	.000
Q36	.963	.000
Q33	1.010	.000
Q32	1.000	.000

Standardized Total Effects (EG - Unconstrained)

	PD	PG
PG	.691	.000
WCP	.684	.548
Q30	.626	.905
Q29	.638	.924
Q28	.668	.966
Q23	.591	.855
Q37	.916	.000
Q36	.919	.000
Q33	.936	.000
Q32	.954	.000

Direct Effects (EG - Unconstrained)

	PD	PG
PG	.545	.000
WCP	.345	.787
Q30	.000	1.059
Q29	.000	1.008
Q28	.000	1.098
Q23	.000	1.010
Q37	.809	.000
Q36	.963	.000
Q33	1.010	.000
Q32	1.000	.000

Standardized Direct Effects (EG - Unconstrained)

	PD	PG
PG	.691	.000
WCP	.305	.548
Q30	.000	.905
Q29	.000	.924
Q28	.000	.966
Q23	.000	.855
Q37	.916	.000
Q36	.919	.000
Q33	.936	.000
Q32	.954	.000

Indirect Effects (EG - Unconstrained)

	PD	PG
PG	.000	.000
WCP	.429	.000
Q30	.577	.000
Q29	.549	.000
Q28	.598	.000
Q23	.550	.000
Q37	.000	.000
Q36	.000	.000
Q33	.000	.000
Q32	.000	.000

Standardized Indirect Effects (EG - Unconstrained)

	PD	PG
PG	.000	.000
WCP	.379	.000
Q30	.626	.000
Q29	.638	.000

	PD	PG
Q28	.668	.000
Q23	.591	.000
Q37	.000	.000
Q36	.000	.000
Q33	.000	.000
Q32	.000	.000

Modification Indices (EG - Unconstrained)

Covariances: (EG - Unconstrained)

			M.I.	Par Change
e8	<-->	PD	4.510	.074
e8	<-->	e9	4.340	-.043
e7	<-->	e10	4.531	-.045
e7	<-->	e8	4.878	-.027
e6	<-->	e7	6.299	.022
e5	<-->	e8	6.125	.043
e4	<-->	e9	12.276	.066
e3	<-->	e9	12.591	-.078
e3	<-->	e6	19.668	-.052
e2	<-->	e6	14.399	.042
e2	<-->	e5	9.008	-.053
e2	<-->	e4	13.126	.048
e2	<-->	e3	6.027	-.038
e1	<-->	e4	11.076	-.039
e1	<-->	e3	19.681	.060

Hypothesis # 7 – indirect path

Group number 1 (Group number 1)
Notes for Group (Group number 1)
The model is recursive.
Sample size = 231
Variable Summary (KW)
Your model contains the following variables (KW)
Observed, endogenous variables
Q32
Q33
Q36
Q37
Q23
Q28
Q29
Q30
WE
Unobserved, endogenous variables
PG
Unobserved, exogenous variables
PD
e1
e2
e3
e4
e5
e6
e7
e8
e9
e10
Variable counts (KW)

Number of variables in your model:	21
Number of observed variables:	9
Number of unobserved variables:	12
Number of exogenous variables:	11
Number of endogenous variables:	10

Parameter summary (KW)

	Weights	Covariances	Variances	Means	Intercepts	Total
Fixed	12	0	0	0	0	12
Labeled	8	0	11	0	0	19
Unlabeled	0	0	0	0	0	0
Total	20	0	11	0	0	31

Group number 2 (Group number 2)
Notes for Group (Group number 2)
The model is recursive.
Sample size = 232
Variable Summary (EG)
Your model contains the following variables (EG)
Observed, endogenous variables
Q32
Q33
Q36
Q37
Q23
Q28
Q29
Q30
WE
Unobserved, endogenous variables
PG
Unobserved, exogenous variables
PD
e1
e2
e3
e4

e5
e6
e7
e8
e9
e10

Variable counts (EG)

Number of variables in your model:	21
Number of observed variables:	9
Number of unobserved variables:	12
Number of exogenous variables:	11
Number of endogenous variables:	10

Parameter summary (EG)

	Weights	Covariances	Variances	Means	Intercepts	Total
Fixed	11	0	0	0	0	11
Labeled	9	0	11	0	0	20
Unlabeled	0	0	0	0	0	0
Total	20	0	11	0	0	31

Models

Unconstrained (Unconstrained)

Notes for Model (Unconstrained)

Computation of degrees of freedom (Unconstrained)

Number of distinct sample moments:	90
Number of distinct parameters to be estimated:	37
Degrees of freedom (90 - 37):	53

Result (Unconstrained)

Minimum was achieved
Chi-square = 322.844
Degrees of freedom = 53
Probability level = .000

KW (KW - Unconstrained)

Estimates (KW - Unconstrained)

Scalar Estimates (KW - Unconstrained)

Maximum Likelihood Estimates

Regression Weights: (KW - Unconstrained)

			Estimate	S.E.	C.R.	P	Label
PG	<---	PD	.584	.042	14.045	***	b1_1
Q32	<---	PD	1.000				
Q33	<---	PD	.993	.028	35.205	***	a1_1
Q36	<---	PD	.957	.034	28.084	***	a2_1
Q37	<---	PD	.805	.029	27.933	***	a3_1
Q23	<---	PG	.993	.028	35.205	***	a1_1
Q28	<---	PG	1.051	.036	28.892	***	a4_1
Q29	<---	PG	.964	.039	24.908	***	a5_1
Q30	<---	PG	1.000				
WE	<---	PG	1.738	.139	12.508	***	a8_1

Standardized Regression Weights: (KW - Unconstrained)

			Estimate
PG	<---	PD	.729
Q32	<---	PD	.953
Q33	<---	PD	.936
Q36	<---	PD	.919
Q37	<---	PD	.918
Q23	<---	PG	.857
Q28	<---	PG	.961
Q29	<---	PG	.920
Q30	<---	PG	.902
WE	<---	PG	.668

Variances: (KW - Unconstrained)

	Estimate	S.E.	C.R.	P	Label
PD	1.251	.127	9.833	***	vvv1_1
e9	.377	.044	8.646	***	vv1_1
e1	.127	.018	6.880	***	v1_1

	Estimate	S.E.	C.R.	P	Label
e2	.176	.022	7.993	***	v2_1
e3	.211	.024	8.609	***	v3_1
e4	.152	.018	8.646	***	v4_1
e5	.288	.030	9.579	***	v5_1
e6	.074	.013	5.630	***	v6_1
e7	.136	.016	8.292	***	v7_1
e8	.185	.021	8.858	***	v8_1
e10	3.018	.290	10.394	***	v9_1

Squared Multiple Correlations: (KW - Unconstrained)

	Estimate
PG	.531
WE	.446
Q30	.813
Q29	.846
Q28	.923
Q23	.734
Q37	.842
Q36	.845
Q33	.875
Q32	.908

Matrices (KW - Unconstrained)

Total Effects (KW - Unconstrained)

	PD	PG
PG	.584	.000
WE	1.015	1.738
Q30	.584	1.000
Q29	.563	.964
Q28	.614	1.051
Q23	.580	.993
Q37	.805	.000
Q36	.957	.000
Q33	.993	.000
Q32	1.000	.000

Standardized Total Effects (KW - Unconstrained)

	PD	PG
PG	.729	.000
WE	.487	.668
Q30	.657	.902
Q29	.670	.920
Q28	.700	.961
Q23	.624	.857
Q37	.918	.000
Q36	.919	.000
Q33	.936	.000
Q32	.953	.000

Direct Effects (KW - Unconstrained)

	PD	PG
PG	.584	.000
WE	.000	1.738
Q30	.000	1.000
Q29	.000	.964
Q28	.000	1.051
Q23	.000	.993
Q37	.805	.000
Q36	.957	.000
Q33	.993	.000
Q32	1.000	.000

Standardized Direct Effects (KW - Unconstrained)

	PD	PG
PG	.729	.000

	PD	PG
WE	.000	.668
Q30	.000	.902
Q29	.000	.920
Q28	.000	.961
Q23	.000	.857
Q37	.918	.000
Q36	.919	.000
Q33	.936	.000
Q32	.953	.000

Indirect Effects (KW - Unconstrained)

	PD	PG
PG	.000	.000
WE	1.015	.000
Q30	.584	.000
Q29	.563	.000
Q28	.614	.000
Q23	.580	.000
Q37	.000	.000
Q36	.000	.000
Q33	.000	.000
Q32	.000	.000

Standardized Indirect Effects (KW - Unconstrained)

	PD	PG
PG	.000	.000
WE	.487	.000
Q30	.657	.000
Q29	.670	.000
Q28	.700	.000
Q23	.624	.000
Q37	.000	.000
Q36	.000	.000
Q33	.000	.000
Q32	.000	.000

Modification Indices (KW - Unconstrained)

Covariances: (KW - Unconstrained)

			M.I.	Par Change
e10	<-->	PD	37.840	.814
e10	<-->	e9	46.442	-.515
e7	<-->	e10	9.037	-.144
e7	<-->	e8	5.618	-.030
e6	<-->	e10	4.517	-.089
e6	<-->	e7	10.893	.030
e5	<-->	e8	5.365	.040
e4	<-->	e9	14.215	.069
e4	<-->	e5	4.230	.033
e3	<-->	e9	12.530	-.077
e3	<-->	e10	21.281	.272
e3	<-->	e6	27.494	-.064
e2	<-->	e6	13.840	.043
e2	<-->	e5	8.495	-.052
e2	<-->	e4	11.769	.045
e2	<-->	e3	6.094	-.038
e1	<-->	e10	11.180	.169
e1	<-->	e4	11.179	-.039
e1	<-->	e3	21.028	.063

Variances: (KW - Unconstrained)

M.I.	Par Change

Regression Weights: (KW - Unconstrained)

			M.I.	Par Change
WE	<---	PD	37.840	.651

			M.I.	Par Change
WE	<---	Q37	26.985	.616
WE	<---	Q36	51.855	.719
WE	<---	Q33	27.155	.510
WE	<---	Q32	43.437	.653
Q30	<---	Q36	4.830	.058
Q29	<---	WE	4.899	-.026
Q28	<---	Q36	10.154	-.065
Q23	<---	Q33	5.348	-.073
Q37	<---	PG	6.204	.080
Q37	<---	Q30	5.936	.069
Q37	<---	Q29	5.280	.069
Q37	<---	Q28	6.074	.071
Q37	<---	Q23	9.616	.085
Q36	<---	PG	5.470	-.089
Q36	<---	Q28	10.887	-.113

EG (EG - Unconstrained)
Estimates (EG - Unconstrained)
Scalar Estimates (EG - Unconstrained)
Maximum Likelihood Estimates
Regression Weights: (EG - Unconstrained)

			Estimate	S.E.	C.R.	P	Label
PG	<---	PD	.881	.062	14.188	***	b1_2
Q32	<---	PD	1.000				
Q33	<---	PD	.904	.033	27.258	***	a1_2
Q36	<---	PD	.987	.040	24.866	***	a2_2
Q37	<---	PD	.999	.040	24.982	***	a3_2
Q23	<---	PG	.904	.033	27.258	***	a1_2
Q28	<---	PG	.929	.049	18.822	***	a4_2
Q29	<---	PG	.994	.054	18.260	***	a5_2
Q30	<---	PG	.960	.052	18.534	***	a6_2
WE	<---	PG	.882	.081	10.948	***	a8_2

Standardized Regression Weights: (EG - Unconstrained)

			Estimate
PG	<---	PD	.778
Q32	<---	PD	.948
Q33	<---	PD	.925
Q36	<---	PD	.901
Q37	<---	PD	.902
Q23	<---	PG	.892
Q28	<---	PG	.967
Q29	<---	PG	.949
Q30	<---	PG	.957
WE	<---	PG	.657

Variances: (EG - Unconstrained)

	Estimate	S.E.	C.R.	P	Label
PD	.948	.099	9.624	***	vvv1_2
e9	.479	.069	6.956	***	vv1_2
e1	.108	.016	6.757	***	v1_2
e2	.132	.016	8.058	***	v2_2
e3	.214	.024	8.806	***	v3_2
e4	.216	.025	8.776	***	v4_2
e5	.256	.026	9.692	***	v5_2
e6	.074	.011	6.717	***	v6_2
e7	.133	.016	8.214	***	v7_2
e8	.102	.013	7.617	***	v8_2
e10	1.245	.118	10.544	***	v9_2

Squared Multiple Correlations: (EG - Unconstrained)

	Estimate
PG	.606
WE	.432

	Estimate
Q30	.917
Q29	.900
Q28	.935
Q23	.795
Q37	.814
Q36	.812
Q33	.855
Q32	.898

Matrices (EG - Unconstrained)

Total Effects (EG - Unconstrained)

	PD	PG
PG	.881	.000
WE	.777	.882
Q30	.846	.960
Q29	.876	.994
Q28	.819	.929
Q23	.797	.904
Q37	.999	.000
Q36	.987	.000
Q33	.904	.000
Q32	1.000	.000

Standardized Total Effects (EG - Unconstrained)

	PD	PG
PG	.778	.000
WE	.511	.657
Q30	.745	.957
Q29	.738	.949
Q28	.752	.967
Q23	.694	.892
Q37	.902	.000
Q36	.901	.000
Q33	.925	.000
Q32	.948	.000

Direct Effects (EG - Unconstrained)

	PD	PG
PG	.881	.000
WE	.000	.882
Q30	.000	.960
Q29	.000	.994
Q28	.000	.929
Q23	.000	.904
Q37	.999	.000
Q36	.987	.000
Q33	.904	.000
Q32	1.000	.000

Standardized Direct Effects (EG - Unconstrained)

	PD	PG
PG	.778	.000
WE	.000	.657
Q30	.000	.957
Q29	.000	.949
Q28	.000	.967
Q23	.000	.892
Q37	.902	.000
Q36	.901	.000
Q33	.925	.000
Q32	.948	.000

Indirect Effects (EG - Unconstrained)

	PD	PG
PG	.000	.000

	PD	PG
WE	.777	.000
Q30	.846	.000
Q29	.876	.000
Q28	.819	.000
Q23	.797	.000
Q37	.000	.000
Q36	.000	.000
Q33	.000	.000
Q32	.000	.000

Standardized Indirect Effects (EG - Unconstrained)

	PD	PG
PG	.000	.000
WE	.511	.000
Q30	.745	.000
Q29	.738	.000
Q28	.752	.000
Q23	.694	.000
Q37	.000	.000
Q36	.000	.000
Q33	.000	.000
Q32	.000	.000

Hypothesis # 7 – after adding the direct path

Groups

Group number 1 (Group number 1)

Notes for Group (Group number 1)

The model is recursive.

Sample size = 231

Variable Summary (KW)

Your model contains the following variables (KW)

Observed, endogenous variables

Q32
Q33
Q36
Q37
Q23
Q28
Q29
Q30
WE

Unobserved, endogenous variables

PG

Unobserved, exogenous variables

PD
e1
e2
e3
e4
e5
e6
e7
e8
e9
e10

Variable counts (KW)

Number of variables in your model:	21
Number of observed variables:	9
Number of unobserved variables:	12
Number of exogenous variables:	11
Number of endogenous variables:	10

Parameter summary (KW)

	Weights	Covariances	Variances	Means	Intercepts	Total
Fixed	12	0	0	0	0	12
Labeled	8	0	11	0	0	19
Unlabeled	1	0	0	0	0	1
Total	21	0	11	0	0	32

Group number 2 (Group number 2)

Notes for Group (Group number 2)

The model is recursive.

Sample size = 232

Variable Summary (EG)

Your model contains the following variables (EG)

Observed, endogenous variables

Q32
Q33
Q36
Q37
Q23
Q28
Q29
Q30
WE

Unobserved, endogenous variables

PG

Unobserved, exogenous variables

PD
e1
e2
e3

e4
e5
e6
e7
e8
e9
e10

Variable counts (EG)

Number of variables in your model: 21
Number of observed variables: 9
Number of unobserved variables: 12
Number of exogenous variables: 11
Number of endogenous variables: 10

Parameter summary (EG)

	Weights	Covariances	Variances	Means	Intercepts	Total
Fixed	11	0	0	0	0	11
Labeled	9	0	11	0	0	20
Unlabeled	1	0	0	0	0	1
Total	21	0	11	0	0	32

Models

Unconstrained (Unconstrained)

Notes for Model (Unconstrained)

Computation of degrees of freedom (Unconstrained)

Number of distinct sample moments: 90
Number of distinct parameters to be estimated: 39
Degrees of freedom (90 - 39): 51

Result (Unconstrained)

Minimum was achieved
Chi-square = 214.168
Degrees of freedom = 51
Probability level = .000

KW (KW - Unconstrained)

Estimates (KW - Unconstrained)

Scalar Estimates (KW - Unconstrained)

Maximum Likelihood Estimates

Regression Weights: (KW - Unconstrained)

			Estimate	S.E.	C.R.	P	Label
PG	<---	PD	.566	.042	13.354	***	b1_1
Q32	<---	PD	1.000				
Q33	<---	PD	.986	.028	34.879	***	a1_1
Q36	<---	PD	.960	.033	29.181	***	a2_1
Q37	<---	PD	.800	.029	27.834	***	a3_1
Q23	<---	PG	.986	.028	34.879	***	a1_1
Q28	<---	PG	1.057	.036	29.015	***	a4_1
Q29	<---	PG	.968	.039	25.037	***	a5_1
Q30	<---	PG	1.000				
WE	<---	PG	.409	.155	2.642	.008	a8_1
WE	<---	PD	1.441	.125	11.496	***	

Standardized Regression Weights: (KW - Unconstrained)

			Estimate
PG	<---	PD	.708
Q32	<---	PD	.957
Q33	<---	PD	.929
Q36	<---	PD	.924
Q37	<---	PD	.914
Q23	<---	PG	.854
Q28	<---	PG	.965
Q29	<---	PG	.923
Q30	<---	PG	.898
WE	<---	PG	.157
WE	<---	PD	.692

Variances: (KW - Unconstrained)

	Estimate	S.E.	C.R.	P	Label
PD	1.256	.127	9.892	***	vvv1_1

	Estimate	S.E.	C.R.	P	Label
e9	.400	.046	8.686	***	vv1_1
e1	.116	.017	6.769	***	v1_1
e2	.193	.023	8.409	***	v2_1
e3	.198	.023	8.575	***	v3_1
e4	.158	.018	8.873	***	v4_1
e5	.290	.030	9.621	***	v5_1
e6	.066	.013	5.089	***	v6_1
e7	.130	.016	8.144	***	v7_1
e8	.192	.021	8.951	***	v8_1
e10	1.868	.183	10.185	***	v9_1

Squared Multiple Correlations: (KW - Unconstrained)

	Estimate
PG	.501
WE	.657
Q30	.807
Q29	.852
Q28	.931
Q23	.729
Q37	.835
Q36	.854
Q33	.864
Q32	.916

Matrices (KW - Unconstrained)

Total Effects (KW - Unconstrained)

	PD	PG
PG	.566	.000
WE	1.672	.409
Q30	.566	1.000
Q29	.548	.968
Q28	.598	1.057
Q23	.558	.986
Q37	.800	.000
Q36	.960	.000
Q33	.986	.000
Q32	1.000	.000

Standardized Total Effects (KW - Unconstrained)

	PD	PG
PG	.708	.000
WE	.803	.157
Q30	.636	.898
Q29	.654	.923
Q28	.683	.965
Q23	.605	.854
Q37	.914	.000
Q36	.924	.000
Q33	.929	.000
Q32	.957	.000

Direct Effects (KW - Unconstrained)

	PD	PG
PG	.566	.000
WE	1.441	.409
Q30	.000	1.000
Q29	.000	.968
Q28	.000	1.057
Q23	.000	.986
Q37	.800	.000
Q36	.960	.000
Q33	.986	.000
Q32	1.000	.000

Standardized Direct Effects (KW - Unconstrained)

	PD	PG
PG	.708	.000
WE	.692	.157
Q30	.000	.898
Q29	.000	.923
Q28	.000	.965
Q23	.000	.854
Q37	.914	.000
Q36	.924	.000
Q33	.929	.000
Q32	.957	.000

Indirect Effects (KW - Unconstrained)

	PD	PG
PG	.000	.000
WE	.231	.000
Q30	.566	.000
Q29	.548	.000
Q28	.598	.000
Q23	.558	.000
Q37	.000	.000
Q36	.000	.000
Q33	.000	.000
Q32	.000	.000

Standardized Indirect Effects (KW - Unconstrained)

	PD	PG
PG	.000	.000
WE	.111	.000
Q30	.636	.000
Q29	.654	.000
Q28	.683	.000
Q23	.605	.000
Q37	.000	.000
Q36	.000	.000
Q33	.000	.000
Q32	.000	.000

Modification Indices (KW - Unconstrained)

Covariances: (KW - Unconstrained)

			M.I.	Par Change
e8	<-->	PD	6.548	.091
e7	<-->	e8	5.292	-.029
e6	<-->	e7	4.489	.018
e5	<-->	e8	6.755	.046
e4	<-->	e9	15.437	.075
e3	<-->	e9	14.658	-.083
e3	<-->	e10	4.160	.092
e3	<-->	e6	23.112	-.056
e2	<-->	e10	8.798	-.134
e2	<-->	e6	13.992	.043
e2	<-->	e5	8.473	-.053
e2	<-->	e4	18.184	.059
e2	<-->	e3	5.196	-.035
e1	<-->	e4	11.801	-.039
e1	<-->	e3	11.918	.045

Variances: (KW - Unconstrained)

	M.I.	Par Change

Regression Weights: (KW - Unconstrained)

			M.I.	Par Change
Q30	<---	PD	6.548	.073
Q30	<---	WE	5.293	.031
Q30	<---	Q37	6.054	.079
Q30	<---	Q36	8.037	.076

			M.I.	Par Change
Q30	<---	Q33	4.715	.057
Q30	<---	Q32	6.004	.066
Q28	<---	Q36	4.712	-.044
Q37	<---	PG	7.231	.088
Q37	<---	Q30	6.481	.073
Q37	<---	Q29	6.238	.076
Q37	<---	Q28	7.007	.077
Q37	<---	Q23	10.022	.088
Q36	<---	PG	6.874	-.097
Q36	<---	Q28	11.528	-.113

EG (EG - Unconstrained)
Estimates (EG - Unconstrained)
Scalar Estimates (EG - Unconstrained)
Maximum Likelihood Estimates
Regression Weights: (EG - Unconstrained)

			Estimate	S.E.	C.R.	P	Label
PG	<---	PD	.878	.062	14.141	***	b1_2
Q32	<---	PD	1.000				
Q33	<---	PD	.905	.033	27.250	***	a1_2
Q36	<---	PD	.988	.040	24.834	***	a2_2
Q37	<---	PD	1.000	.040	24.938	***	a3_2
Q23	<---	PG	.905	.033	27.250	***	a1_2
Q28	<---	PG	.931	.049	18.821	***	a4_2
Q29	<---	PG	.996	.055	18.241	***	a5_2
Q30	<---	PG	.962	.052	18.527	***	a6_2
WE	<---	PG	.737	.119	6.214	***	a8_2
WE	<---	PD	.208	.129	1.616	.106	

Standardized Regression Weights: (EG - Unconstrained)

			Estimate
PG	<---	PD	.777
Q32	<---	PD	.947
Q33	<---	PD	.925
Q36	<---	PD	.901
Q37	<---	PD	.902
Q23	<---	PG	.891
Q28	<---	PG	.967
Q29	<---	PG	.949
Q30	<---	PG	.958
WE	<---	PG	.548
WE	<---	PD	.137

Variances: (EG - Unconstrained)

	Estimate	S.E.	C.R.	P	Label
PD	.947	.099	9.611	***	vvv1_2
e9	.481	.069	6.955	***	vv1_2
e1	.109	.016	6.811	***	v1_2
e2	.131	.016	8.034	***	v2_2
e3	.213	.024	8.800	***	v3_2
e4	.216	.025	8.773	***	v4_2
e5	.257	.027	9.694	***	v5_2
e6	.073	.011	6.655	***	v6_2
e7	.134	.016	8.219	***	v7_2
e8	.101	.013	7.590	***	v8_2
e10	1.236	.117	10.585	***	v9_2

Squared Multiple Correlations: (EG - Unconstrained)

	Estimate
PG	.603
WE	.436
Q30	.917
Q29	.900
Q28	.935

	Estimate
Q23	.794
Q37	.814
Q36	.812
Q33	.856
Q32	.897

Matrices (EG - Unconstrained)

Total Effects (EG - Unconstrained)

	PD	PG
PG	.878	.000
WE	.856	.737
Q30	.845	.962
Q29	.875	.996
Q28	.818	.931
Q23	.795	.905
Q37	1.000	.000
Q36	.988	.000
Q33	.905	.000
Q32	1.000	.000

Standardized Total Effects (EG - Unconstrained)

	PD	PG
PG	.777	.000
WE	.563	.548
Q30	.744	.958
Q29	.737	.949
Q28	.751	.967
Q23	.692	.891
Q37	.902	.000
Q36	.901	.000
Q33	.925	.000
Q32	.947	.000

Direct Effects (EG - Unconstrained)

	PD	PG
PG	.878	.000
WE	.208	.737
Q30	.000	.962
Q29	.000	.996
Q28	.000	.931
Q23	.000	.905
Q37	1.000	.000
Q36	.988	.000
Q33	.905	.000
Q32	1.000	.000

Standardized Direct Effects (EG - Unconstrained)

	PD	PG
PG	.777	.000
WE	.137	.548
Q30	.000	.958
Q29	.000	.949
Q28	.000	.967
Q23	.000	.891
Q37	.902	.000
Q36	.901	.000
Q33	.925	.000
Q32	.947	.000

Indirect Effects (EG - Unconstrained)

	PD	PG
PG	.000	.000
WE	.647	.000
Q30	.845	.000
Q29	.875	.000

	PD	PG
Q28	.818	.000
Q23	.795	.000
Q37	.000	.000
Q36	.000	.000
Q33	.000	.000
Q32	.000	.000

Standardized Indirect Effects (EG - Unconstrained)

	PD	PG
PG	.000	.000
WE	.426	.000
Q30	.744	.000
Q29	.737	.000
Q28	.751	.000
Q23	.692	.000
Q37	.000	.000
Q36	.000	.000
Q33	.000	.000
Q32	.000	.000

Hypothesis # 8 – indirect path

Group number 1 (Group number 1)
Notes for Group (Group number 1)
The model is recursive.
Sample size = 231
Variable Summary (KW)
Your model contains the following variables (KW)
Observed, endogenous variables
Q38
Q40
Q42
Q44
Q01
Q04
Q05
Q08
WCF
Unobserved, endogenous variables
IG
Unobserved, exogenous variables
UA
e1
e2
e3
e4
e5
e6
e7
e8
e9
e10
Variable counts (KW)
Number of variables in your model: 21
Number of observed variables: 9
Number of unobserved variables: 12
Number of exogenous variables: 11
Number of endogenous variables: 10
Parameter summary (KW)

	Weights	Covariances	Variances	Means	Intercepts	Total
Fixed	12	0	0	0	0	12
Labeled	8	0	11	0	0	19
Unlabeled	0	0	0	0	0	0
Total	20	0	11	0	0	31

Group number 2 (Group number 2)
Notes for Group (Group number 2)
The model is recursive.
Sample size = 232
Variable Summary (EG)
Your model contains the following variables (EG)
Observed, endogenous variables
Q38
Q40
Q42
Q44
Q01
Q04
Q05
Q08
WCF
Unobserved, endogenous variables
IG
Unobserved, exogenous variables
UA
e1
e2
e3

e4
e5
e6
e7
e8
e9
e10

Variable counts (EG)

Number of variables in your model: 21
Number of observed variables: 9
Number of unobserved variables: 12
Number of exogenous variables: 11
Number of endogenous variables: 10

Parameter summary (EG)

	Weights	Covariances	Variances	Means	Intercepts	Total
Fixed	11	0	0	0	0	11
Labeled	9	0	11	0	0	20
Unlabeled	0	0	0	0	0	0
Total	20	0	11	0	0	31

Models

Unconstrained (Unconstrained)

Notes for Model (Unconstrained)

Computation of degrees of freedom (Unconstrained)

Number of distinct sample moments: 90
Number of distinct parameters to be estimated: 37
Degrees of freedom (90 - 37): 53

Result (Unconstrained)

Minimum was achieved
Chi-square = 307.993
Degrees of freedom = 53
Probability level = .000

KW (KW - Unconstrained)

Estimates (KW - Unconstrained)

Scalar Estimates (KW - Unconstrained)

Maximum Likelihood Estimates

Regression Weights: (KW - Unconstrained)

			Estimate	S.E.	C.R.	P	Label
IG	<---	UA	1.077	.050	21.508	***	b1_1
Q38	<---	UA	1.000				
Q40	<---	UA	.899	.029	31.356	***	a1_1
Q42	<---	UA	.991	.041	24.219	***	a2_1
Q44	<---	UA	1.078	.039	27.638	***	a3_1
Q01	<---	IG	.899	.029	31.356	***	a1_1
Q04	<---	IG	.991	.027	36.064	***	a4_1
Q05	<---	IG	.806	.029	28.170	***	a5_1
Q08	<---	IG	1.000				
WCF	<---	IG	1.787	.105	16.953	***	a8_1

Standardized Regression Weights: (KW - Unconstrained)

			Estimate
IG	<---	UA	.888
Q38	<---	UA	.929
Q40	<---	UA	.811
Q42	<---	UA	.902
Q44	<---	UA	.937
Q01	<---	IG	.900
Q04	<---	IG	.963
Q05	<---	IG	.917
Q08	<---	IG	.955
WCF	<---	IG	.770

Variances: (KW - Unconstrained)

	Estimate	S.E.	C.R.	P	Label
UA	.838	.089	9.454	***	vvv1_1
e9	.260	.034	7.752	***	vv1_1
e1	.133	.017	7.678	***	v1_1

	Estimate	S.E.	C.R.	P	Label
e2	.352	.036	9.836	***	v2_1
e3	.189	.022	8.626	***	v3_1
e4	.136	.019	7.223	***	v4_1
e5	.235	.025	9.480	***	v5_1
e6	.094	.014	6.823	***	v6_1
e7	.152	.017	9.161	***	v7_1
e8	.119	.016	7.576	***	v8_1
e10	2.707	.263	10.301	***	v9_1

Squared Multiple Correlations: (KW - Unconstrained)

	Estimate
IG	.789
WCF	.593
Q08	.912
Q05	.840
Q04	.928
Q01	.809
Q44	.878
Q42	.813
Q40	.658
Q38	.863

Matrices (KW - Unconstrained)

Total Effects (KW - Unconstrained)

	UA	IG
IG	1.077	.000
WCF	1.925	1.787
Q08	1.077	1.000
Q05	.869	.806
Q04	1.068	.991
Q01	.969	.899
Q44	1.078	.000
Q42	.991	.000
Q40	.899	.000
Q38	1.000	.000

Standardized Total Effects (KW - Unconstrained)

	UA	IG
IG	.888	.000
WCF	.684	.770
Q08	.848	.955
Q05	.814	.917
Q04	.856	.963
Q01	.799	.900
Q44	.937	.000
Q42	.902	.000
Q40	.811	.000
Q38	.929	.000

Direct Effects (KW - Unconstrained)

	UA	IG
IG	1.077	.000
WCF	.000	1.787
Q08	.000	1.000
Q05	.000	.806
Q04	.000	.991
Q01	.000	.899
Q44	1.078	.000
Q42	.991	.000
Q40	.899	.000
Q38	1.000	.000

Standardized Direct Effects (KW - Unconstrained)

	UA	IG
IG	.888	.000

	UA	IG
WCF	.000	.770
Q08	.000	.955
Q05	.000	.917
Q04	.000	.963
Q01	.000	.900
Q44	.937	.000
Q42	.902	.000
Q40	.811	.000
Q38	.929	.000

Indirect Effects (KW - Unconstrained)

	UA	IG
IG	.000	.000
WCF	1.925	.000
Q08	1.077	.000
Q05	.869	.000
Q04	1.068	.000
Q01	.969	.000
Q44	.000	.000
Q42	.000	.000
Q40	.000	.000
Q38	.000	.000

Standardized Indirect Effects (KW - Unconstrained)

	UA	IG
IG	.000	.000
WCF	.684	.000
Q08	.848	.000
Q05	.814	.000
Q04	.856	.000
Q01	.799	.000
Q44	.000	.000
Q42	.000	.000
Q40	.000	.000
Q38	.000	.000

Modification Indices (KW - Unconstrained)

Covariances: (KW - Unconstrained)

			M.I.	Par Change
e7	<-->	e9	10.161	-.051
e7	<-->	e8	5.509	-.026
e6	<-->	e10	5.490	-.097
e6	<-->	e8	6.687	.024
e4	<-->	e8	9.972	-.037
e4	<-->	e7	10.283	.039
e4	<-->	e5	9.345	.046
e3	<-->	e10	8.365	-.154
e3	<-->	e8	7.781	.036
e2	<-->	e9	11.463	-.080
e2	<-->	e6	7.431	-.042
e2	<-->	e3	12.072	.068
e1	<-->	e10	7.655	.130
e1	<-->	e6	5.202	.024
e1	<-->	e5	17.483	-.060

Variances: (KW - Unconstrained)

M.I.	Par Change

Regression Weights: (KW - Unconstrained)

			M.I.	Par Change
Q05	<---	Q44	5.273	.060
Q04	<---	Q40	5.101	-.055
Q42	<---	WCF	4.290	-.025
Q40	<---	Q42	7.375	.110

EG (EG - Unconstrained)

Estimates (EG - Unconstrained)
Scalar Estimates (EG - Unconstrained)
Maximum Likelihood Estimates
Regression Weights: (EG - Unconstrained)

			Estimate	S.E.	C.R.	P	Label
IG	<---	UA	.723	.057	12.749	***	b1_2
Q38	<---	UA	1.000				
Q40	<---	UA	1.106	.058	18.942	***	a1_2
Q42	<---	UA	1.178	.058	20.177	***	a2_2
Q44	<---	UA	1.180	.052	22.565	***	a3_2
Q01	<---	IG	1.106	.058	18.942	***	a1_2
Q04	<---	IG	.886	.062	14.366	***	a4_2
Q05	<---	IG	.972	.063	15.544	***	a5_2
Q08	<---	IG	.809	.056	14.553	***	a6_2
WCF	<---	IG	1.019	.078	13.002	***	a8_2

Standardized Regression Weights: (EG - Unconstrained)

			Estimate
IG	<---	UA	.719
Q38	<---	UA	.864
Q40	<---	UA	.887
Q42	<---	UA	.914
Q44	<---	UA	.963
Q01	<---	IG	.949
Q04	<---	IG	.866
Q05	<---	IG	.924
Q08	<---	IG	.876
WCF	<---	IG	.798

Variances: (EG - Unconstrained)

	Estimate	S.E.	C.R.	P	Label
UA	.878	.107	8.207	***	vvv1_2
e9	.429	.066	6.500	***	vv1_2
e1	.299	.032	9.427	***	v1_2
e2	.292	.032	9.064	***	v2_2
e3	.240	.029	8.340	***	v3_2
e4	.095	.019	5.039	***	v4_2
e5	.119	.018	6.481	***	v5_2
e6	.232	.025	9.354	***	v6_2
e7	.144	.018	7.969	***	v7_2
e8	.177	.019	9.223	***	v8_2
e10	.526	.053	9.947	***	v9_2

Squared Multiple Correlations: (EG - Unconstrained)

	Estimate
IG	.517
WCF	.637
Q08	.767
Q05	.853
Q04	.751
Q01	.901
Q44	.928
Q42	.835
Q40	.786
Q38	.746

Matrices (EG - Unconstrained)
Total Effects (EG - Unconstrained)

	UA	IG
IG	.723	.000
WCF	.737	1.019
Q08	.585	.809
Q05	.703	.972
Q04	.641	.886
Q01	.800	1.106

	UA	IG
Q44	1.180	.000
Q42	1.178	.000
Q40	1.106	.000
Q38	1.000	.000

Standardized Total Effects (EG - Unconstrained)

	UA	IG
IG	.719	.000
WCF	.574	.798
Q08	.630	.876
Q05	.664	.924
Q04	.623	.866
Q01	.683	.949
Q44	.963	.000
Q42	.914	.000
Q40	.887	.000
Q38	.864	.000

Direct Effects (EG - Unconstrained)

	UA	IG
IG	.723	.000
WCF	.000	1.019
Q08	.000	.809
Q05	.000	.972
Q04	.000	.886
Q01	.000	1.106
Q44	1.180	.000
Q42	1.178	.000
Q40	1.106	.000
Q38	1.000	.000

Standardized Direct Effects (EG - Unconstrained)

	UA	IG
IG	.719	.000
WCF	.000	.798
Q08	.000	.876
Q05	.000	.924
Q04	.000	.866
Q01	.000	.949
Q44	.963	.000
Q42	.914	.000
Q40	.887	.000
Q38	.864	.000

Indirect Effects (EG - Unconstrained)

	UA	IG
IG	.000	.000
WCF	.737	.000
Q08	.585	.000
Q05	.703	.000
Q04	.641	.000
Q01	.800	.000
Q44	.000	.000
Q42	.000	.000
Q40	.000	.000
Q38	.000	.000

Standardized Indirect Effects (EG - Unconstrained)

	UA	IG
IG	.000	.000
WCF	.574	.000
Q08	.630	.000
Q05	.664	.000
Q04	.623	.000
Q01	.683	.000

	UA	IG
Q44	.000	.000
Q42	.000	.000
Q40	.000	.000
Q38	.000	.000

Hypothesis # 8 – after adding the direct path

Group number 1 (Group number 1)
Notes for Group (Group number 1)
The model is recursive.
Sample size = 231
Variable Summary (KW)
Your model contains the following variables (KW)
Observed, endogenous variables
Q38
Q40
Q42
Q44
Q01
Q04
Q05
Q08
WCF
Unobserved, endogenous variables
IG
Unobserved, exogenous variables
UA
e1
e2
e3
e4
e5
e6
e7
e8
e9
e10
Variable counts (KW)

Number of variables in your model:	21
Number of observed variables:	9
Number of unobserved variables:	12
Number of exogenous variables:	11
Number of endogenous variables:	10

Parameter summary (KW)

	Weights	Covariances	Variances	Means	Intercepts	Total
Fixed	12	0	0	0	0	12
Labeled	9	0	11	0	0	20
Unlabeled	0	0	0	0	0	0
Total	21	0	11	0	0	32

Group number 2 (Group number 2)
Notes for Group (Group number 2)
The model is recursive.
Sample size = 232
Variable Summary (EG)
Your model contains the following variables (EG)
Observed, endogenous variables
Q38
Q40
Q42
Q44
Q01
Q04
Q05
Q08
WCF
Unobserved, endogenous variables
IG
Unobserved, exogenous variables
UA
e1
e2

e3
e4
e5
e6
e7
e8
e9
e10

Variable counts (EG)

Number of variables in your model: 21
Number of observed variables: 9
Number of unobserved variables: 12
Number of exogenous variables: 11
Number of endogenous variables: 10

Parameter summary (EG)

	Weights	Covariances	Variances	Means	Intercepts	Total
Fixed	11	0	0	0	0	11
Labeled	10	0	11	0	0	21
Unlabeled	0	0	0	0	0	0
Total	21	0	11	0	0	32

Models

Unconstrained (Unconstrained)

Notes for Model (Unconstrained)

Computation of degrees of freedom (Unconstrained)

Number of distinct sample moments: 90
Number of distinct parameters to be estimated: 39
Degrees of freedom (90 - 39): 51

Result (Unconstrained)

Minimum was achieved
Chi-square = 286.232
Degrees of freedom = 51
Probability level = .000

KW (KW - Unconstrained)

Estimates (KW - Unconstrained)

Scalar Estimates (KW - Unconstrained)

Maximum Likelihood Estimates

Regression Weights: (KW - Unconstrained)

			Estimate	S.E.	C.R.	P	Label
IG	<---	UA	1.079	.050	21.550	***	b1_1
Q38	<---	UA	1.000				
Q40	<---	UA	.900	.029	31.356	***	a1_1
Q42	<---	UA	.992	.041	24.240	***	a2_1
Q44	<---	UA	1.078	.039	27.602	***	a3_1
Q01	<---	IG	.900	.029	31.356	***	a1_1
Q04	<---	IG	.991	.028	35.899	***	a4_1
Q05	<---	IG	.807	.029	28.208	***	a5_1
Q08	<---	IG	1.000				
WCF	<---	UA	-.211	.311	-.678	.498	a7_1
WCF	<---	IG	1.946	.256	7.590	***	a8_1

Standardized Regression Weights: (KW - Unconstrained)

			Estimate
IG	<---	UA	.889
Q38	<---	UA	.928
Q40	<---	UA	.811
Q42	<---	UA	.902
Q44	<---	UA	.937
Q01	<---	IG	.900
Q04	<---	IG	.963
Q05	<---	IG	.917
Q08	<---	IG	.955
WCF	<---	UA	-.075
WCF	<---	IG	.838

Variances: (KW - Unconstrained)

Estimate	S.E.	C.R.	P	Label

	Estimate	S.E.	C.R.	P	Label
UA	.837	.089	9.448	***	vvv1_1
e9	.257	.033	7.695	***	vv1_1
e1	.134	.017	7.703	***	v1_1
e2	.352	.036	9.834	***	v2_1
e3	.188	.022	8.612	***	v3_1
e4	.136	.019	7.223	***	v4_1
e5	.235	.025	9.479	***	v5_1
e6	.095	.014	6.891	***	v6_1
e7	.152	.017	9.153	***	v7_1
e8	.120	.016	7.601	***	v8_1
e10	2.681	.264	10.166	***	v9_1

Squared Multiple Correlations: (KW - Unconstrained)

	Estimate
IG	.791
WCF	.596
Q08	.911
Q05	.841
Q04	.927
Q01	.810
Q44	.878
Q42	.814
Q40	.658
Q38	.862

Matrices (KW - Unconstrained)

Total Effects (KW - Unconstrained)

	UA	IG
IG	1.079	.000
WCF	1.888	1.946
Q08	1.079	1.000
Q05	.870	.807
Q04	1.069	.991
Q01	.971	.900
Q44	1.078	.000
Q42	.992	.000
Q40	.900	.000
Q38	1.000	.000

Standardized Total Effects (KW - Unconstrained)

	UA	IG
IG	.889	.000
WCF	.670	.838
Q08	.849	.955
Q05	.816	.917
Q04	.856	.963
Q01	.800	.900
Q44	.937	.000
Q42	.902	.000
Q40	.811	.000
Q38	.928	.000

Direct Effects (KW - Unconstrained)

	UA	IG
IG	1.079	.000
WCF	-.211	1.946
Q08	.000	1.000
Q05	.000	.807
Q04	.000	.991
Q01	.000	.900
Q44	1.078	.000
Q42	.992	.000
Q40	.900	.000
Q38	1.000	.000

Standardized Direct Effects (KW - Unconstrained)

	UA	IG
IG	.889	.000
WCF	-.075	.838
Q08	.000	.955
Q05	.000	.917
Q04	.000	.963
Q01	.000	.900
Q44	.937	.000
Q42	.902	.000
Q40	.811	.000
Q38	.928	.000

Indirect Effects (KW - Unconstrained)

	UA	IG
IG	.000	.000
WCF	2.099	.000
Q08	1.079	.000
Q05	.870	.000
Q04	1.069	.000
Q01	.971	.000
Q44	.000	.000
Q42	.000	.000
Q40	.000	.000
Q38	.000	.000

Standardized Indirect Effects (KW - Unconstrained)

	UA	IG
IG	.000	.000
WCF	.745	.000
Q08	.849	.000
Q05	.816	.000
Q04	.856	.000
Q01	.800	.000
Q44	.000	.000
Q42	.000	.000
Q40	.000	.000
Q38	.000	.000

Scalar Estimates (EG - Unconstrained)

Maximum Likelihood Estimates

Regression Weights: (EG - Unconstrained)

			Estimate	S.E.	C.R.	P	Label
IG	<---	UA	.711	.057	12.369	***	b1_2
Q38	<---	UA	1.000				
Q40	<---	UA	1.107	.059	18.868	***	a1_2
Q42	<---	UA	1.176	.059	20.003	***	a2_2
Q44	<---	UA	1.186	.052	22.635	***	a3_2
Q01	<---	IG	1.107	.059	18.868	***	a1_2
Q04	<---	IG	.879	.062	14.282	***	a4_2
Q05	<---	IG	.974	.062	15.649	***	a5_2
Q08	<---	IG	.806	.055	14.546	***	a6_2
WCF	<---	UA	.363	.077	4.726	***	a7_2
WCF	<---	IG	.749	.086	8.696	***	a8_2

Standardized Regression Weights: (EG - Unconstrained)

			Estimate
IG	<---	UA	.703
Q38	<---	UA	.862
Q40	<---	UA	.886
Q42	<---	UA	.911
Q44	<---	UA	.966
Q01	<---	IG	.953
Q04	<---	IG	.862
Q05	<---	IG	.928

			Estimate
Q08	<---	IG	.875
WCF	<---	UA	.283
WCF	<---	IG	.588

Variances: (EG - Unconstrained)

	Estimate	S.E.	C.R.	P	Label
UA	.875	.107	8.189	***	vvv1_2
e9	.451	.069	6.526	***	vv1_2
e1	.301	.032	9.488	***	v1_2
e2	.294	.032	9.129	***	v2_2
e3	.247	.029	8.495	***	v3_2
e4	.088	.018	4.808	***	v4_2
e5	.112	.018	6.140	***	v5_2
e6	.239	.025	9.418	***	v6_2
e7	.136	.018	7.736	***	v7_2
e8	.178	.019	9.241	***	v8_2
e10	.493	.048	10.180	***	v9_2

Squared Multiple Correlations: (EG - Unconstrained)

	Estimate
IG	.495
WCF	.659
Q08	.765
Q05	.862
Q04	.742
Q01	.907
Q44	.933
Q42	.830
Q40	.785
Q38	.744

Matrices (EG - Unconstrained)

Total Effects (EG - Unconstrained)

	UA	IG
IG	.711	.000
WCF	.895	.749
Q08	.573	.806
Q05	.692	.974
Q04	.625	.879
Q01	.787	1.107
Q44	1.186	.000
Q42	1.176	.000
Q40	1.107	.000
Q38	1.000	.000

Standardized Total Effects (EG - Unconstrained)

	UA	IG
IG	.703	.000
WCF	.696	.588
Q08	.615	.875
Q05	.653	.928
Q04	.606	.862
Q01	.670	.953
Q44	.966	.000
Q42	.911	.000
Q40	.886	.000
Q38	.862	.000

Direct Effects (EG - Unconstrained)

	UA	IG
IG	.711	.000
WCF	.363	.749
Q08	.000	.806
Q05	.000	.974
Q04	.000	.879

	UA	IG
Q01	.000	1.107
Q44	1.186	.000
Q42	1.176	.000
Q40	1.107	.000
Q38	1.000	.000

Standardized Direct Effects (EG - Unconstrained)

	UA	IG
IG	.703	.000
WCF	.283	.588
Q08	.000	.875
Q05	.000	.928
Q04	.000	.862
Q01	.000	.953
Q44	.966	.000
Q42	.911	.000
Q40	.886	.000
Q38	.862	.000

Indirect Effects (EG - Unconstrained)

	UA	IG
IG	.000	.000
WCF	.532	.000
Q08	.573	.000
Q05	.692	.000
Q04	.625	.000
Q01	.787	.000
Q44	.000	.000
Q42	.000	.000
Q40	.000	.000
Q38	.000	.000

Standardized Indirect Effects (EG - Unconstrained)

	UA	IG
IG	.000	.000
WCF	.414	.000
Q08	.615	.000
Q05	.653	.000
Q04	.606	.000
Q01	.670	.000
Q44	.000	.000
Q42	.000	.000
Q40	.000	.000
Q38	.000	.000

Hypothesis # 9- indirect Path

Groups
Group number 1 (Group number 1)
Notes for Group (Group number 1)
The model is recursive.
Sample size = 231
Variable Summary (KW)
Your model contains the following variables (KW)
Observed, endogenous variables
Q38
Q40
Q42
Q44
Q01
Q04
Q05
Q08
WOI
Unobserved, endogenous variables
IG
Unobserved, exogenous variables
UA
e1
e2
e3
e4
e5
e6
e7
e8
e9
e10
Variable counts (KW)

Number of variables in your model:	**21**
Number of observed variables:	**9**
Number of unobserved variables:	**12**
Number of exogenous variables:	**11**
Number of endogenous variables:	**10**

Parameter summary (KW)

	Weights	Covariances	Variances	Means	Intercepts	Total
Fixed	**12**	**0**	**0**	**0**	**0**	**12**
Labeled	**8**	**0**	**11**	**0**	**0**	**19**
Unlabeled	**0**	**0**	**0**	**0**	**0**	**0**
Total	**20**	**0**	**11**	**0**	**0**	**31**

Group number 2 (Group number 2)
Notes for Group (Group number 2)
The model is recursive.
Sample size = 232
Variable Summary (EG)
Your model contains the following variables (EG)
Observed, endogenous variables
Q38
Q40
Q42
Q44
Q01
Q04
Q05
Q08
WOI
Unobserved, endogenous variables
IG
Unobserved, exogenous variables
UA

e1
e2
e3
e4
e5
e6
e7
e8
e9
e10
Variable counts (EG)
Number of variables in your model: 21
Number of observed variables: 9
Number of unobserved variables: 12
Number of exogenous variables: 11
Number of endogenous variables: 10
Parameter summary (EG)

	Weights	Covariances	Variances	Means	Intercepts	Total
Fixed	11	0	0	0	0	11
Labeled	9	0	11	0	0	20
Unlabeled	0	0	0	0	0	0
Total	20	0	11	0	0	31

Models
Unconstrained (Unconstrained)
Notes for Model (Unconstrained)
Computation of degrees of freedom (Unconstrained)
Number of distinct sample moments: 90
Number of distinct parameters to be estimated: 37
Degrees of freedom (90 - 37): 53
Result (Unconstrained)
Minimum was achieved
Chi-square = 369.174
Degrees of freedom = 53
Probability level = .000
KW (KW - Unconstrained)
Estimates (KW - Unconstrained)
Scalar Estimates (KW - Unconstrained)
Maximum Likelihood Estimates
Regression Weights: (KW - Unconstrained)

			Estimate	S.E.	C.R.	P	Label
IG	<---	UA	.681	.048	14.159	***	b1_1
Q38	<---	UA	1.000				
Q40	<---	UA	1.276	.044	29.027	***	a1_1
Q42	<---	UA	1.286	.059	21.796	***	a2_1
Q44	<---	UA	1.290	.052	25.007	***	a3_1
Q01	<---	IG	1.276	.044	29.027	***	a1_1
Q04	<---	IG	1.041	.053	19.769	***	a4_1
Q05	<---	IG	1.142	.049	23.256	***	a5_1
Q08	<---	IG	1.000				
WOI	<---	IG	2.113	.149	14.187	***	a8_1

Standardized Regression Weights: (KW - Unconstrained)

			Estimate
IG	<---	UA	.741
Q38	<---	UA	.838
Q40	<---	UA	.899
Q42	<---	UA	.913
Q44	<---	UA	.964
Q01	<---	IG	.945
Q04	<---	IG	.864
Q05	<---	IG	.920
Q08	<---	IG	.879
WOI	<---	IG	.731

Variances: (KW - Unconstrained)

Estimate	S.E.	C.R.	P	Label

	Estimate	S.E.	C.R.	P	Label
UA	.738	.086	8.628	***	vvv1_1
e9	.281	.034	8.249	***	vv1_1
e1	.314	.032	9.710	***	v1_1
e2	.285	.032	8.797	***	v2_1
e3	.243	.029	8.362	***	v3_1
e4	.094	.019	4.991	***	v4_1
e5	.120	.018	6.564	***	v5_1
e6	.230	.025	9.283	***	v6_1
e7	.148	.019	7.942	***	v7_1
e8	.183	.020	9.076	***	v8_1
e10	2.427	.239	10.172	***	v9_1

Squared Multiple Correlations: (KW - Unconstrained)

	Estimate
IG	.549
WOI	.534
Q08	.773
Q05	.846
Q04	.746
Q01	.894
Q44	.929
Q42	.834
Q40	.809
Q38	.701

Matrices (KW - Unconstrained)

Total Effects (KW - Unconstrained)

	UA	IG
IG	.681	.000
WOI	1.438	2.113
Q08	.681	1.000
Q05	.777	1.142
Q04	.708	1.041
Q01	.869	1.276
Q44	1.290	.000
Q42	1.286	.000
Q40	1.276	.000
Q38	1.000	.000

Standardized Total Effects (KW - Unconstrained)

	UA	IG
IG	.741	.000
WOI	.542	.731
Q08	.651	.879
Q05	.682	.920
Q04	.640	.864
Q01	.701	.945
Q44	.964	.000
Q42	.913	.000
Q40	.899	.000
Q38	.838	.000

Direct Effects (KW - Unconstrained)

	UA	IG
IG	.681	.000
WOI	.000	2.113
Q08	.000	1.000
Q05	.000	1.142
Q04	.000	1.041
Q01	.000	1.276
Q44	1.290	.000
Q42	1.286	.000
Q40	1.276	.000
Q38	1.000	.000

Standardized Direct Effects (KW - Unconstrained)

	UA	IG
IG	.741	.000
WOI	.000	.731
Q08	.000	.879
Q05	.000	.920
Q04	.000	.864
Q01	.000	.945
Q44	.964	.000
Q42	.913	.000
Q40	.899	.000
Q38	.838	.000

Indirect Effects (KW - Unconstrained)

	UA	IG
IG	.000	.000
WOI	1.438	.000
Q08	.681	.000
Q05	.777	.000
Q04	.708	.000
Q01	.869	.000
Q44	.000	.000
Q42	.000	.000
Q40	.000	.000
Q38	.000	.000

Standardized Indirect Effects (KW - Unconstrained)

	UA	IG
IG	.000	.000
WOI	.542	.000
Q08	.651	.000
Q05	.682	.000
Q04	.640	.000
Q01	.701	.000
Q44	.000	.000
Q42	.000	.000
Q40	.000	.000
Q38	.000	.000

Modification Indices (KW - Unconstrained)

Covariances: (KW - Unconstrained)

			M.I.	Par Change
e10	<-->	UA	30.544	.510
e10	<-->	e9	41.028	-.383
e8	<-->	UA	4.527	-.057
e7	<-->	UA	5.111	-.057
e7	<-->	e9	6.699	.042
e7	<-->	e10	21.625	-.213
e6	<-->	e9	4.543	-.041
e6	<-->	e10	15.010	.208
e6	<-->	e7	4.216	-.030
e5	<-->	e9	5.287	.036
e5	<-->	e7	14.651	.044
e4	<-->	e10	7.292	.122
e4	<-->	e8	6.525	.033
e4	<-->	e6	25.570	-.073
e3	<-->	e7	20.020	-.071
e3	<-->	e6	12.509	.065
e3	<-->	e5	6.914	.041
e2	<-->	e9	5.500	.051
e2	<-->	e8	6.642	-.046
e2	<-->	e6	7.762	.055
e1	<-->	UA	4.643	.073
e1	<-->	e9	7.737	-.061

			M.I.	Par Change
e1	<-->	e10	8.819	.184
e1	<-->	e6	10.313	.064
e1	<-->	e5	13.930	-.063
e1	<-->	e3	12.851	.075
e1	<-->	e2	4.481	-.047

Variances: (KW - Unconstrained)

M.I.	Par Change

Regression Weights: (KW - Unconstrained)

			M.I.	Par Change
WOI	<---	UA	30.544	.690
WOI	<---	Q44	32.963	.526
WOI	<---	Q42	26.857	.451
WOI	<---	Q40	22.608	.411
WOI	<---	Q38	37.103	.625
Q08	<---	UA	4.527	-.077
Q08	<---	Q42	5.117	-.057
Q08	<---	Q40	8.478	-.073
Q08	<---	Q38	5.099	-.067
Q05	<---	UA	5.111	-.078
Q05	<---	WOI	9.735	-.040
Q05	<---	Q44	4.037	-.051
Q05	<---	Q42	13.466	-.088
Q05	<---	Q38	5.328	-.065
Q04	<---	WOI	6.701	.038
Q04	<---	Q42	8.728	.082
Q04	<---	Q40	7.553	.076
Q04	<---	Q38	10.201	.105
Q01	<---	Q05	7.010	.077
Q01	<---	Q38	4.459	-.059
Q44	<---	Q04	8.691	-.088
Q42	<---	Q04	5.252	.087
Q40	<---	Q42	4.984	-.071
Q40	<---	Q38	6.206	-.093
Q38	<---	UA	4.643	.099
Q38	<---	Q44	4.694	.073
Q38	<---	Q42	10.664	.104

EG (EG - Unconstrained)

Estimates (EG - Unconstrained)

Scalar Estimates (EG - Unconstrained)

Maximum Likelihood Estimates

Regression Weights: (EG - Unconstrained)

			Estimate	S.E.	C.R.	P	Label
IG	<---	UA	.974	.065	15.067	***	b1_2
Q38	<---	UA	1.000				
Q40	<---	UA	.988	.052	18.867	***	a1_2
Q42	<---	UA	1.017	.044	23.214	***	a2_2
Q44	<---	UA	1.107	.043	26.039	***	a3_2
Q01	<---	IG	.988	.052	18.867	***	a1_2
Q04	<---	IG	1.124	.074	15.273	***	a4_2
Q05	<---	IG	.915	.063	14.466	***	a5_2
Q08	<---	IG	1.149	.076	15.162	***	a6_2
WOI	<---	IG	2.032	.170	11.987	***	a8_2

Standardized Regression Weights: (EG - Unconstrained)

			Estimate
IG	<---	UA	.887
Q38	<---	UA	.924
Q40	<---	UA	.834
Q42	<---	UA	.903
Q44	<---	UA	.937
Q01	<---	IG	.894

			Estimate
Q04	<---	IG	.964
Q05	<---	IG	.917
Q08	<---	IG	.957
WOI	<---	IG	.771

Variances: (EG - Unconstrained)

	Estimate	S.E.	C.R.	P	Label
UA	.797	.087	9.188	***	vvv1_2
e9	.205	.036	5.716	***	vv1_2
e1	.137	.017	7.904	***	v1_2
e2	.341	.035	9.664	***	v2_2
e3	.186	.022	8.608	***	v3_2
e4	.135	.019	7.221	***	v4_2
e5	.235	.025	9.581	***	v5_2
e6	.093	.014	6.835	***	v6_2
e7	.152	.017	9.193	***	v7_2
e8	.116	.016	7.438	***	v8_2
e10	2.701	.262	10.324	***	v9_2

Squared Multiple Correlations: (EG - Unconstrained)

	Estimate
IG	.787
WOI	.595
Q08	.916
Q05	.841
Q04	.929
Q01	.800
Q44	.879
Q42	.816
Q40	.695
Q38	.854

Matrices (EG - Unconstrained)

Total Effects (EG - Unconstrained)

	UA	IG
IG	.974	.000
WOI	1.980	2.032
Q08	1.120	1.149
Q05	.892	.915
Q04	1.095	1.124
Q01	.963	.988
Q44	1.107	.000
Q42	1.017	.000
Q40	.988	.000
Q38	1.000	.000

Standardized Total Effects (EG - Unconstrained)

	UA	IG
IG	.887	.000
WOI	.684	.771
Q08	.849	.957
Q05	.814	.917
Q04	.855	.964
Q01	.794	.894
Q44	.937	.000
Q42	.903	.000
Q40	.834	.000
Q38	.924	.000

Direct Effects (EG - Unconstrained)

	UA	IG
IG	.974	.000
WOI	.000	2.032
Q08	.000	1.149
Q05	.000	.915

	UA	IG
Q04	**.000**	**1.124**
Q01	**.000**	**.988**
Q44	**1.107**	**.000**
Q42	**1.017**	**.000**
Q40	**.988**	**.000**
Q38	**1.000**	**.000**

Standardized Direct Effects (EG - Unconstrained)

	UA	IG
IG	.887	.000
WOI	.000	.771
Q08	.000	.957
Q05	.000	.917
Q04	.000	.964
Q01	.000	.894
Q44	.937	.000
Q42	.903	.000
Q40	.834	.000
Q38	.924	.000

Indirect Effects (EG - Unconstrained)

	UA	IG
IG	.000	.000
WOI	1.980	.000
Q08	1.120	.000
Q05	.892	.000
Q04	1.095	.000
Q01	.963	.000
Q44	.000	.000
Q42	.000	.000
Q40	.000	.000
Q38	.000	.000

Standardized Indirect Effects (EG - Unconstrained)

	UA	IG
IG	.000	.000
WOI	.684	.000
Q08	.849	.000
Q05	.814	.000
Q04	.855	.000
Q01	.794	.000
Q44	.000	.000
Q42	.000	.000
Q40	.000	.000
Q38	.000	.000

Hypothesis # 9 – after adding the direct path

Group number 1 (Group number 1)
Notes for Group (Group number 1)
The model is recursive.
Sample size = 231
Variable Summary (KW)
Your model contains the following variables (KW)
Observed, endogenous variables
Q38
Q40
Q42
Q44
Q01
Q04
Q05
Q08
WOI
Unobserved, endogenous variables
IG
Unobserved, exogenous variables
UA
e1
e2
e3
e4
e5
e6
e7
e8
e9
e10
Variable counts (KW)

Number of variables in your model:	21
Number of observed variables:	9
Number of unobserved variables:	12
Number of exogenous variables:	11
Number of endogenous variables:	10

Parameter summary (KW)

	Weights	Covariances	Variances	Means	Intercepts	Total
Fixed	12	0	0	0	0	12
Labeled	9	0	11	0	0	20
Unlabeled	0	0	0	0	0	0
Total	21	0	11	0	0	32

Group number 2 (Group number 2)
Notes for Group (Group number 2)
The model is recursive.
Sample size = 232
Variable Summary (EG)
Your model contains the following variables (EG)
Observed, endogenous variables
Q38
Q40
Q42

Q44
Q01
Q04
Q05
Q08
WOI
Unobserved, endogenous variables
IG
Unobserved, exogenous variables
UA
e1
e2
e3
e4
e5
e6
e7
e8
e9
e10

Variable counts (EG)

Number of variables in your model:	21
Number of observed variables:	9
Number of unobserved variables:	12
Number of exogenous variables:	11
Number of endogenous variables:	10

Parameter summary (EG)

	Weights	Covariances	Variances	Means	Intercepts	Total
Fixed	11	0	0	0	0	11
Labeled	10	0	11	0	0	21
Unlabeled	0	0	0	0	0	0
Total	21	0	11	0	0	32

Models

Unconstrained (Unconstrained)

Notes for Model (Unconstrained)

Computation of degrees of freedom (Unconstrained)

Number of distinct sample moments:	90
Number of distinct parameters to be estimated:	39
Degrees of freedom (90 - 39):	51

Result (Unconstrained)

Minimum was achieved
Chi-square = 282.434
Degrees of freedom = 51
Probability level = .000

KW (KW - Unconstrained)

Estimates (KW - Unconstrained)

Scalar Estimates (KW - Unconstrained)

Maximum Likelihood Estimates

Regression Weights: (KW - Unconstrained)

			Estimate	S.E.	C.R.	P	Label
IG	<---	UA	.661	.049	13.416	***	b1_1
Q38	<---	UA	1.000				
Q40	<---	UA	1.282	.044	29.304	***	a1_1
Q42	<---	UA	1.289	.059	21.844	***	a2_1

			Estimate	S.E.	C.R.	P	Label
Q44	<---	UA	1.293	.051	25.162	***	a3_1
Q01	<---	IG	1.282	.044	29.304	***	a1_1
Q04	<---	IG	1.028	.053	19.377	***	a4_1
Q05	<---	IG	1.149	.048	23.880	***	a5_1
Q08	<---	IG	1.000				
WOI	<---	UA	1.614	.165	9.796	***	a7_1
WOI	<---	IG	.785	.172	4.575	***	a8_1

Standardized Regression Weights: (KW - Unconstrained)

			Estimate
IG	<---	UA	.717
Q38	<---	UA	.837
Q40	<---	UA	.900
Q42	<---	UA	.913
Q44	<---	UA	.964
Q01	<---	IG	.950
Q04	<---	IG	.856
Q05	<---	IG	.928
Q08	<---	IG	.880
WOI	<---	UA	.606
WOI	<---	IG	.272

Variances: (KW - Unconstrained)

	Estimate	S.E.	C.R.	P	Label
UA	.735	.085	8.641	***	vvv1_1
e9	.304	.036	8.347	***	vv1_1
e1	.314	.032	9.759	***	v1_1
e2	.284	.032	8.891	***	v2_1
e3	.244	.029	8.508	***	v3_1
e4	.095	.018	5.266	***	v4_1
e5	.110	.018	6.116	***	v5_1
e6	.243	.026	9.402	***	v6_1
e7	.134	.018	7.576	***	v7_1
e8	.183	.020	9.081	***	v8_1
e10	1.679	.166	10.135	***	v9_1

Squared Multiple Correlations: (KW - Unconstrained)

	Estimate
IG	.514
WOI	.678
Q08	.774
Q05	.860
Q04	.732
Q01	.903
Q44	.928
Q42	.833
Q40	.809
Q38	.701

Matrices (KW - Unconstrained)

Total Effects (KW - Unconstrained)

	UA	IG
IG	.661	.000

	UA	IG
WOI	2.133	.785
Q08	.661	1.000
Q05	.760	1.149
Q04	.680	1.028
Q01	.848	1.282
Q44	1.293	.000
Q42	1.289	.000
Q40	1.282	.000
Q38	1.000	.000

Standardized Total Effects (KW - Unconstrained)

	UA	IG
IG	.717	.000
WOI	.801	.272
Q08	.630	.880
Q05	.665	.928
Q04	.613	.856
Q01	.681	.950
Q44	.964	.000
Q42	.913	.000
Q40	.900	.000
Q38	.837	.000

Direct Effects (KW - Unconstrained)

	UA	IG
IG	.661	.000
WOI	1.614	.785
Q08	.000	1.000
Q05	.000	1.149
Q04	.000	1.028
Q01	.000	1.282
Q44	1.293	.000
Q42	1.289	.000
Q40	1.282	.000
Q38	1.000	.000

Standardized Direct Effects (KW - Unconstrained)

	UA	IG
IG	.717	.000
WOI	.606	.272
Q08	.000	.880
Q05	.000	.928
Q04	.000	.856
Q01	.000	.950
Q44	.964	.000
Q42	.913	.000
Q40	.900	.000
Q38	.837	.000

Indirect Effects (KW - Unconstrained)

	UA	IG
IG	.000	.000
WOI	.519	.000

	UA	IG
Q08	.661	.000
Q05	.760	.000
Q04	.680	.000
Q01	.848	.000
Q44	.000	.000
Q42	.000	.000
Q40	.000	.000
Q38	.000	.000

Standardized Indirect Effects (KW - Unconstrained)

	UA	IG
IG	.000	.000
WOI	.195	.000
Q08	.630	.000
Q05	.665	.000
Q04	.613	.000
Q01	.681	.000
Q44	.000	.000
Q42	.000	.000
Q40	.000	.000
Q38	.000	.000

Modification Indices (KW - Unconstrained)

Covariances: (KW - Unconstrained)

			M.I.	Par Change
e7	<-->	e10	7.071	-.099
e6	<-->	UA	7.366	.082
e6	<-->	e9	8.418	-.059
e6	<-->	e10	9.711	.143
e6	<-->	e7	4.125	-.029
e5	<-->	e7	4.871	.024
e4	<-->	e8	7.226	.035
e4	<-->	e6	26.808	-.075
e3	<-->	e7	18.744	-.066
e3	<-->	e6	10.480	.061
e3	<-->	e5	9.189	.046
e2	<-->	e9	5.307	.052
e2	<-->	e8	7.021	-.047
e2	<-->	e7	4.778	.035
e2	<-->	e6	5.593	.047
e1	<-->	UA	4.961	.075
e1	<-->	e9	8.072	-.064
e1	<-->	e6	10.760	.066
e1	<-->	e5	10.299	-.053
e1	<-->	e3	12.604	.074
e1	<-->	e2	4.720	-.048

Variances: (KW - Unconstrained)

M.I.	Par Change

Regression Weights: (KW - Unconstrained)

			M.I.	Par Change
Q08	<---	Q01	4.745	-.062

			M.I.	Par Change
Q08	<---	Q40	5.570	-.059
Q05	<---	WOI	6.396	-.031
Q05	<---	Q42	10.182	-.074
Q04	<---	UA	7.366	.111
Q04	<---	WOI	11.146	.050
Q04	<---	Q42	13.168	.103
Q04	<---	Q40	11.205	.095
Q04	<---	Q38	15.585	.133
Q01	<---	Q05	4.128	.058
Q44	<---	Q04	9.291	-.089
Q42	<---	Q04	4.832	.083
Q40	<---	Q42	5.174	-.072
Q40	<---	Q38	6.563	-.096
Q38	<---	UA	4.961	.102
Q38	<---	Q44	4.968	.075
Q38	<---	Q42	11.054	.106

EG (EG - Unconstrained)

Estimates (EG - Unconstrained)

Scalar Estimates (EG - Unconstrained)

Maximum Likelihood Estimates

Regression Weights: (EG - Unconstrained)

			Estimate	S.E.	C.R.	P	Label
IG	<---	UA	.975	.065	15.102	***	b1_2
Q38	<---	UA	1.000				
Q40	<---	UA	.989	.052	18.864	***	a1_2
Q42	<---	UA	1.019	.044	23.218	***	a2_2
Q44	<---	UA	1.108	.043	25.982	***	a3_2
Q01	<---	IG	.989	.052	18.864	***	a1_2
Q04	<---	IG	1.124	.074	15.265	***	a4_2
Q05	<---	IG	.917	.063	14.476	***	a5_2
Q08	<---	IG	1.150	.076	15.161	***	a6_2
WOI	<---	UA	-.229	.316	-.727	.467	a7_2
WOI	<---	IG	2.224	.316	7.028	***	a8_2

Standardized Regression Weights: (EG - Unconstrained)

			Estimate
IG	<---	UA	.888
Q38	<---	UA	.923
Q40	<---	UA	.834
Q42	<---	UA	.904
Q44	<---	UA	.937
Q01	<---	IG	.895
Q04	<---	IG	.963
Q05	<---	IG	.917
Q08	<---	IG	.957
WOI	<---	UA	-.079
WOI	<---	IG	.844

Variances: (EG - Unconstrained)

	Estimate	S.E.	C.R.	P	Label
UA	.796	.087	9.178	***	vvv1_2

	Estimate	S.E.	C.R.	P	Label
e9	.202	.036	5.695	***	vv1_2
e1	.138	.017	7.928	***	v1_2
e2	.341	.035	9.662	***	v2_2
e3	.185	.022	8.593	***	v3_2
e4	.135	.019	7.224	***	v4_2
e5	.234	.024	9.580	***	v5_2
e6	.095	.014	6.908	***	v6_2
e7	.152	.017	9.185	***	v7_2
e8	.117	.016	7.465	***	v8_2
e10	2.674	.263	10.183	***	v9_2

Squared Multiple Correlations: (EG - Unconstrained)

	Estimate
IG	.789
WOI	.599
Q08	.916
Q05	.842
Q04	.927
Q01	.800
Q44	.879
Q42	.817
Q40	.696
Q38	.852

Matrices (EG - Unconstrained)

Total Effects (EG - Unconstrained)

	UA	IG
IG	.975	.000
WOI	1.940	2.224
Q08	1.122	1.150
Q05	.894	.917
Q04	1.097	1.124
Q01	.965	.989
Q44	1.108	.000
Q42	1.019	.000
Q40	.989	.000
Q38	1.000	.000

Standardized Total Effects (EG - Unconstrained)

	UA	IG
IG	.888	.000
WOI	.670	.844
Q08	.850	.957
Q05	.815	.917
Q04	.856	.963
Q01	.795	.895
Q44	.937	.000
Q42	.904	.000
Q40	.834	.000
Q38	.923	.000

Direct Effects (EG - Unconstrained)

	UA	IG

	UA	IG
IG	.975	.000
WOI	-.229	2.224
Q08	.000	1.150
Q05	.000	.917
Q04	.000	1.124
Q01	.000	.989
Q44	1.108	.000
Q42	1.019	.000
Q40	.989	.000
Q38	1.000	.000

Standardized Direct Effects (EG - Unconstrained)

	UA	IG
IG	.888	.000
WOI	-.079	.844
Q08	.000	.957
Q05	.000	.917
Q04	.000	.963
Q01	.000	.895
Q44	.937	.000
Q42	.904	.000
Q40	.834	.000
Q38	.923	.000

Indirect Effects (EG - Unconstrained)

	UA	IG
IG	.000	.000
WOI	2.170	.000
Q08	1.122	.000
Q05	.894	.000
Q04	1.097	.000
Q01	.965	.000
Q44	.000	.000
Q42	.000	.000
Q40	.000	.000
Q38	.000	.000

Standardized Indirect Effects (EG - Unconstrained)

	UA	IG
IG	.000	.000
WOI	.749	.000
Q08	.850	.000
Q05	.815	.000
Q04	.856	.000
Q01	.795	.000
Q44	.000	.000
Q42	.000	.000
Q40	.000	.000
Q38	.000	.000

Modification Indices (EG - Unconstrained)

Covariances: (EG - Unconstrained)

	M.I.	Par Change

			M.I.	Par Change
e7	<-->	e9	9.564	-.044
e7	<-->	e10	4.038	.092
e7	<-->	e8	6.227	-.027
e6	<-->	e10	6.614	-.105
e6	<-->	e8	6.667	.024
e4	<-->	e8	10.479	-.038
e4	<-->	e7	10.801	.040
e4	<-->	e5	9.039	.044
e3	<-->	e10	7.220	-.141
e3	<-->	e8	8.055	.036
e2	<-->	e9	13.236	-.075
e2	<-->	e6	7.262	-.041
e2	<-->	e3	10.361	.061
e1	<-->	e9	4.782	.031
e1	<-->	e10	7.866	.132
e1	<-->	e6	4.743	.023
e1	<-->	e5	16.776	-.059

Hypothesis #10 – indirect path

Groups
Group number 1 (Group number 1)
Notes for Group (Group number 1)
The model is recursive.
Sample size = 231
Variable Summary (KW)
Your model contains the following variables (KW)
Observed, endogenous variables
Q38
Q40
Q42
Q44
Q13
Q17
Q18
Q21
WMD
Unobserved, endogenous variables
SG
Unobserved, exogenous variables
UA
e1
e2
e3
e4
e5
e6
e7
e8
e9
e10
Variable counts (KW)

Number of variables in your model:	21
Number of observed variables:	9
Number of unobserved variables:	12
Number of exogenous variables:	11
Number of endogenous variables:	10

Parameter summary (KW)

	Weights	Covariances	Variances	Means	Intercepts	Total
Fixed	12	0	0	0	0	12
Labeled	8	0	11	0	0	19
Unlabeled	0	0	0	0	0	0
Total	20	0	11	0	0	31

Group number 2 (Group number 2)
Notes for Group (Group number 2)
The model is recursive.
Sample size = 232
Variable Summary (EG)
Your model contains the following variables (EG)
Observed, endogenous variables
Q38
Q40
Q42
Q44
Q13
Q17
Q18
Q21
WMD
Unobserved, endogenous variables
SG
Unobserved, exogenous variables
UA
e1
e2

e3
e4
e5
e6
e7
e8
e9
e10

Variable counts (EG)

Number of variables in your model: 21
Number of observed variables: 9
Number of unobserved variables: 12
Number of exogenous variables: 11
Number of endogenous variables: 10

Parameter summary (EG)

	Weights	Covariances	Variances	Means	Intercepts	Total
Fixed	11	0	0	0	0	11
Labeled	9	0	11	0	0	20
Unlabeled	0	0	0	0	0	0
Total	20	0	11	0	0	31

Models

Unconstrained (Unconstrained)

Notes for Model (Unconstrained)

Computation of degrees of freedom (Unconstrained)

Number of distinct sample moments: 90
Number of distinct parameters to be estimated: 37
Degrees of freedom (90 - 37): 53

Result (Unconstrained)

Minimum was achieved
Chi-square = 262.319
Degrees of freedom = 53
Probability level = .000

KW (KW - Unconstrained)

Estimates (KW - Unconstrained)

Scalar Estimates (KW - Unconstrained)

Maximum Likelihood Estimates

Regression Weights: (KW - Unconstrained)

			Estimate	S.E.	C.R.	P	Label
SG	<---	UA	1.040	.048	21.735	***	b1_1
Q38	<---	UA	1.000				
Q40	<---	UA	1.048	.032	33.229	***	a1_1
Q42	<---	UA	1.036	.043	23.855	***	a2_1
Q44	<---	UA	1.123	.042	26.823	***	a3_1
Q13	<---	SG	1.048	.032	33.229	***	a1_1
Q17	<---	SG	.965	.031	31.146	***	a4_1
Q18	<---	SG	1.002	.036	28.141	***	a5_1
Q21	<---	SG	1.000				
WMD	<---	SG	.606	.078	7.741	***	a8_1

Standardized Regression Weights: (KW - Unconstrained)

			Estimate
SG	<---	UA	.896
Q38	<---	UA	.915
Q40	<---	UA	.854
Q42	<---	UA	.903
Q44	<---	UA	.936
Q13	<---	SG	.924
Q17	<---	SG	.949
Q18	<---	SG	.927
Q21	<---	SG	.940
WMD	<---	SG	.466

Variances: (KW - Unconstrained)

	Estimate	S.E.	C.R.	P	Label
UA	.769	.082	9.331	***	vvv1_1
e9	.204	.028	7.369	***	vv1_1

	Estimate	S.E.	C.R.	P	Label
e1	.150	.018	8.247	***	v1_1
e2	.312	.033	9.453	***	v2_1
e3	.186	.022	8.568	***	v3_1
e4	.137	.019	7.274	***	v4_1
e5	.195	.022	8.727	***	v5_1
e6	.107	.014	7.602	***	v6_1
e7	.171	.020	8.622	***	v7_1
e8	.136	.017	8.102	***	v8_1
e10	1.371	.129	10.631	***	v9_1

Squared Multiple Correlations: (KW - Unconstrained)

	Estimate
SG	.803
WMD	.217
Q21	.884
Q18	.859
Q17	.900
Q13	.854
Q44	.876
Q42	.816
Q40	.730
Q38	.837

Matrices (KW - Unconstrained)

Total Effects (KW - Unconstrained)

	UA	SG
SG	1.040	.000
WMD	.630	.606
Q21	1.040	1.000
Q18	1.043	1.002
Q17	1.004	.965
Q13	1.090	1.048
Q44	1.123	.000
Q42	1.036	.000
Q40	1.048	.000
Q38	1.000	.000

Standardized Total Effects (KW - Unconstrained)

	UA	SG
SG	.896	.000
WMD	.418	.466
Q21	.842	.940
Q18	.831	.927
Q17	.850	.949
Q13	.828	.924
Q44	.936	.000
Q42	.903	.000
Q40	.854	.000
Q38	.915	.000

Direct Effects (KW - Unconstrained)

	UA	SG
SG	1.040	.000
WMD	.000	.606
Q21	.000	1.000
Q18	.000	1.002
Q17	.000	.965
Q13	.000	1.048
Q44	1.123	.000
Q42	1.036	.000
Q40	1.048	.000
Q38	1.000	.000

Standardized Direct Effects (KW - Unconstrained)

	UA	SG

	UA	SG
SG	.896	.000
WMD	.000	.466
Q21	.000	.940
Q18	.000	.927
Q17	.000	.949
Q13	.000	.924
Q44	.936	.000
Q42	.903	.000
Q40	.854	.000
Q38	.915	.000

Indirect Effects (KW - Unconstrained)

	UA	SG
SG	.000	.000
WMD	.630	.000
Q21	1.040	.000
Q18	1.043	.000
Q17	1.004	.000
Q13	1.090	.000
Q44	.000	.000
Q42	.000	.000
Q40	.000	.000
Q38	.000	.000

Standardized Indirect Effects (KW - Unconstrained)

	UA	SG
SG	.000	.000
WMD	.418	.000
Q21	.842	.000
Q18	.831	.000
Q17	.850	.000
Q13	.828	.000
Q44	.000	.000
Q42	.000	.000
Q40	.000	.000
Q38	.000	.000

Modification Indices (KW - Unconstrained)

Covariances: (KW - Unconstrained)

			M.I.	Par Change
e4	<-->	e8	5.905	.030
e4	<-->	e7	11.115	-.044
e3	<-->	e8	15.613	-.052
e2	<-->	e10	9.592	-.143
e2	<-->	e3	5.226	.042
e1	<-->	e6	7.263	-.030

Variances: (KW - Unconstrained)

M.I.	Par Change

Regression Weights: (KW - Unconstrained)

			M.I.	Par Change
Q40	<---	WMD	8.939	-.088

EG (EG - Unconstrained)

Estimates (EG - Unconstrained)

Scalar Estimates (EG - Unconstrained)

Maximum Likelihood Estimates

Regression Weights: (EG - Unconstrained)

			Estimate	S.E.	C.R.	P	Label
SG	<---	UA	.517	.052	9.938	***	b1_2
Q38	<---	UA	1.000				
Q40	<---	UA	1.107	.059	18.901	***	a1_2
Q42	<---	UA	1.178	.059	20.094	***	a2_2
Q44	<---	UA	1.182	.053	22.496	***	a3_2
Q13	<---	SG	1.107	.059	18.901	***	a1_2
Q17	<---	SG	1.180	.079	14.956	***	a4_2

			Estimate	S.E.	C.R.	P	Label
Q18	<---	SG	1.160	.075	15.393	***	a5_2
Q21	<---	SG	1.031	.077	13.320	***	a6_2
WMD	<---	SG	.704	.099	7.125	***	a8_2

Standardized Regression Weights: (EG - Unconstrained)

			Estimate
SG	<---	UA	.611
Q38	<---	UA	.863
Q40	<---	UA	.887
Q42	<---	UA	.913
Q44	<---	UA	.964
Q13	<---	SG	.901
Q17	<---	SG	.939
Q18	<---	SG	.967
Q21	<---	SG	.847
WMD	<---	SG	.469

Variances: (EG - Unconstrained)

	Estimate	S.E.	C.R.	P	Label
UA	.876	.107	8.193	***	vvv1_2
e9	.393	.062	6.338	***	vv1_2
e1	.300	.032	9.416	***	v1_2
e2	.292	.032	9.030	***	v2_2
e3	.242	.029	8.305	***	v3_2
e4	.093	.019	4.852	***	v4_2
e5	.179	.020	9.056	***	v5_2
e6	.116	.015	7.573	***	v6_2
e7	.059	.011	5.184	***	v7_2
e8	.263	.027	9.783	***	v8_2
e10	1.099	.103	10.643	***	v9_2

Squared Multiple Correlations: (EG - Unconstrained)

	Estimate
SG	.374
WMD	.220
Q21	.717
Q18	.934
Q17	.883
Q13	.811
Q44	.929
Q42	.834
Q40	.787
Q38	.745

Matrices (EG - Unconstrained)

Total Effects (EG - Unconstrained)

	UA	SG
SG	.517	.000
WMD	.364	.704
Q21	.533	1.031
Q18	.600	1.160
Q17	.610	1.180
Q13	.573	1.107
Q44	1.182	.000
Q42	1.178	.000
Q40	1.107	.000
Q38	1.000	.000

Standardized Total Effects (EG - Unconstrained)

	UA	SG
SG	.611	.000
WMD	.287	.469
Q21	.517	.847
Q18	.591	.967
Q17	.574	.939

	UA	SG
Q13	.551	.901
Q44	.964	.000
Q42	.913	.000
Q40	.887	.000
Q38	.863	.000

Direct Effects (EG - Unconstrained)

	UA	SG
SG	.517	.000
WMD	.000	.704
Q21	.000	1.031
Q18	.000	1.160
Q17	.000	1.180
Q13	.000	1.107
Q44	1.182	.000
Q42	1.178	.000
Q40	1.107	.000
Q38	1.000	.000

Standardized Direct Effects (EG - Unconstrained)

	UA	SG
SG	.611	.000
WMD	.000	.469
Q21	.000	.847
Q18	.000	.967
Q17	.000	.939
Q13	.000	.901
Q44	.964	.000
Q42	.913	.000
Q40	.887	.000
Q38	.863	.000

Indirect Effects (EG - Unconstrained)

	UA	SG
SG	.000	.000
WMD	.364	.000
Q21	.533	.000
Q18	.600	.000
Q17	.610	.000
Q13	.573	.000
Q44	.000	.000
Q42	.000	.000
Q40	.000	.000
Q38	.000	.000

Standardized Indirect Effects (EG - Unconstrained)

	UA	SG
SG	.000	.000
WMD	.287	.000
Q21	.517	.000
Q18	.591	.000
Q17	.574	.000
Q13	.551	.000
Q44	.000	.000
Q42	.000	.000
Q40	.000	.000
Q38	.000	.000

Hypothesis #10 – After adding the direct path

Groups

Group number 1 (Group number 1)

Notes for Group (Group number 1)

The model is recursive.

Sample size = 231

Variable Summary (KW)

Your model contains the following variables (KW)

Observed, endogenous variables

Q38
Q40
Q42
Q44
Q13
Q17
Q18
Q21
WMD

Unobserved, endogenous variables

SG

Unobserved, exogenous variables

UA
e1
e2
e3
e4
e5
e6
e7
e8
e9
e10

Variable counts (KW)

Number of variables in your model:	21
Number of observed variables:	9
Number of unobserved variables:	12
Number of exogenous variables:	11
Number of endogenous variables:	10

Parameter summary (KW)

	Weights	Covariances	Variances	Means	Intercepts	Total
Fixed	12	0	0	0	0	12
Labeled	9	0	11	0	0	20
Unlabeled	0	0	0	0	0	0
Total	21	0	11	0	0	32

Group number 2 (Group number 2)

Notes for Group (Group number 2)

The model is recursive.

Sample size = 232

Variable Summary (EG)

Your model contains the following variables (EG)

Observed, endogenous variables

Q38
Q40
Q42
Q44
Q13
Q17
Q18
Q21
WMD

Unobserved, endogenous variables

SG

Unobserved, exogenous variables

UA
e1
e2
e3

e4
e5
e6
e7
e8
e9
e10

Variable counts (EG)

Number of variables in your model: 21
Number of observed variables: 9
Number of unobserved variables: 12
Number of exogenous variables: 11
Number of endogenous variables: 10

Parameter summary (EG)

	Weights	Covariances	Variances	Means	Intercepts	Total
Fixed	11	0	0	0	0	11
Labeled	10	0	11	0	0	21
Unlabeled	0	0	0	0	0	0
Total	21	0	11	0	0	32

Models

Unconstrained (Unconstrained)

Notes for Model (Unconstrained)

Computation of degrees of freedom (Unconstrained)

Number of distinct sample moments: 90
Number of distinct parameters to be estimated: 39
Degrees of freedom (90 - 39): 51

Result (Unconstrained)

Minimum was achieved
Chi-square = 239.502
Degrees of freedom = 51
Probability level = .000

KW (KW - Unconstrained)

Estimates (KW - Unconstrained)

Scalar Estimates (KW - Unconstrained)

Maximum Likelihood Estimates

Regression Weights: (KW - Unconstrained)

			Estimate	S.E.	C.R.	P	Label
SG	<---	UA	1.040	.048	21.730	***	b1_1
Q38	<---	UA	1.000				
Q40	<---	UA	1.048	.032	33.229	***	a1_1
Q42	<---	UA	1.036	.043	23.854	***	a2_1
Q44	<---	UA	1.123	.042	26.828	***	a3_1
Q13	<---	SG	1.048	.032	33.229	***	a1_1
Q17	<---	SG	.965	.031	31.146	***	a4_1
Q18	<---	SG	1.002	.036	28.143	***	a5_1
Q21	<---	SG	1.000				
WMD	<---	UA	.017	.236	.073	.942	a7_1
WMD	<---	SG	.592	.203	2.919	.004	a8_1

Standardized Regression Weights: (KW - Unconstrained)

			Estimate
SG	<---	UA	.896
Q38	<---	UA	.915
Q40	<---	UA	.854
Q42	<---	UA	.903
Q44	<---	UA	.936
Q13	<---	SG	.924
Q17	<---	SG	.949
Q18	<---	SG	.927
Q21	<---	SG	.940
WMD	<---	UA	.011
WMD	<---	SG	.455

Variances: (KW - Unconstrained)

	Estimate	S.E.	C.R.	P	Label
UA	.769	.082	9.331	***	vvv1_1

	Estimate	S.E.	C.R.	P	Label
e9	.204	.028	7.363	***	vv1_1
e1	.150	.018	8.246	***	v1_1
e2	.313	.033	9.454	***	v2_1
e3	.186	.022	8.569	***	v3_1
e4	.137	.019	7.272	***	v4_1
e5	.195	.022	8.726	***	v5_1
e6	.107	.014	7.600	***	v6_1
e7	.171	.020	8.621	***	v7_1
e8	.136	.017	8.100	***	v8_1
e10	1.372	.129	10.625	***	v9_1

Squared Multiple Correlations: (KW - Unconstrained)

	Estimate
SG	.803
WMD	.217
Q21	.884
Q18	.859
Q17	.900
Q13	.854
Q44	.876
Q42	.816
Q40	.730
Q38	.837

Matrices (KW - Unconstrained)

Total Effects (KW - Unconstrained)

	UA	SG
SG	1.040	.000
WMD	.633	.592
Q21	1.040	1.000
Q18	1.043	1.002
Q17	1.004	.965
Q13	1.090	1.048
Q44	1.123	.000
Q42	1.036	.000
Q40	1.048	.000
Q38	1.000	.000

Standardized Total Effects (KW - Unconstrained)

	UA	SG
SG	.896	.000
WMD	.420	.455
Q21	.842	.940
Q18	.831	.927
Q17	.850	.949
Q13	.828	.924
Q44	.936	.000
Q42	.903	.000
Q40	.854	.000
Q38	.915	.000

Direct Effects (KW - Unconstrained)

	UA	SG
SG	1.040	.000
WMD	.017	.592
Q21	.000	1.000
Q18	.000	1.002
Q17	.000	.965
Q13	.000	1.048
Q44	1.123	.000
Q42	1.036	.000
Q40	1.048	.000
Q38	1.000	.000

Standardized Direct Effects (KW - Unconstrained)

	UA	SG
SG	.896	.000
WMD	.011	.455
Q21	.000	.940
Q18	.000	.927
Q17	.000	.949
Q13	.000	.924
Q44	.936	.000
Q42	.903	.000
Q40	.854	.000
Q38	.915	.000

Indirect Effects (KW - Unconstrained)

	UA	SG
SG	.000	.000
WMD	.616	.000
Q21	1.040	.000
Q18	1.043	.000
Q17	1.004	.000
Q13	1.090	.000
Q44	.000	.000
Q42	.000	.000
Q40	.000	.000
Q38	.000	.000

Standardized Indirect Effects (KW - Unconstrained)

	UA	SG
SG	.000	.000
WMD	.408	.000
Q21	.842	.000
Q18	.831	.000
Q17	.850	.000
Q13	.828	.000
Q44	.000	.000
Q42	.000	.000
Q40	.000	.000
Q38	.000	.000

Modification Indices (KW - Unconstrained)

Covariances: (KW - Unconstrained)

			M.I.	Par Change
e4	<-->	e8	5.923	.030
e4	<-->	e7	11.102	-.044
e3	<-->	e8	15.605	-.052
e2	<-->	e10	9.662	-.143
e2	<-->	e3	5.255	.042
e1	<-->	e6	7.263	-.030

Variances: (KW - Unconstrained)

M.I.	Par Change

Regression Weights: (KW - Unconstrained)

			M.I.	Par Change
Q40	<---	WMD	9.001	-.089

EG (EG - Unconstrained)

Estimates (EG - Unconstrained)

Scalar Estimates (EG - Unconstrained)

Maximum Likelihood Estimates

Regression Weights: (EG - Unconstrained)

			Estimate	S.E.	C.R.	P	Label
SG	<---	UA	.513	.052	9.813	***	b1_2
Q38	<---	UA	1.000				
Q40	<---	UA	1.101	.058	19.037	***	a1_2
Q42	<---	UA	1.179	.057	20.552	***	a2_2
Q44	<---	UA	1.170	.052	22.536	***	a3_2
Q13	<---	SG	1.101	.058	19.037	***	a1_2
Q17	<---	SG	1.174	.078	15.021	***	a4_2

			Estimate	S.E.	C.R.	P	Label
Q18	<---	SG	1.156	.075	15.474	***	a5_2
Q21	<---	SG	1.024	.077	13.331	***	a6_2
WMD	<---	UA	.456	.093	4.884	***	a7_2
WMD	<---	SG	.363	.110	3.290	.001	a8_2

Standardized Regression Weights: (EG - Unconstrained)

			Estimate
SG	<---	UA	.606
Q38	<---	UA	.867
Q40	<---	UA	.886
Q42	<---	UA	.918
Q44	<---	UA	.959
Q13	<---	SG	.900
Q17	<---	SG	.940
Q18	<---	SG	.968
Q21	<---	SG	.845
WMD	<---	UA	.361
WMD	<---	SG	.243

Variances: (EG - Unconstrained)

	Estimate	S.E.	C.R.	P	Label
UA	.885	.107	8.255	***	vvv1_2
e9	.401	.063	6.356	***	vv1_2
e1	.292	.031	9.321	***	v1_2
e2	.293	.033	9.006	***	v2_2
e3	.228	.028	8.074	***	v3_2
e4	.107	.020	5.415	***	v4_2
e5	.180	.020	9.079	***	v5_2
e6	.115	.015	7.546	***	v6_2
e7	.057	.011	5.008	***	v7_2
e8	.266	.027	9.806	***	v8_2
e10	.992	.093	10.632	***	v9_2

Squared Multiple Correlations: (EG - Unconstrained)

	Estimate
SG	.367
WMD	.296
Q21	.714
Q18	.937
Q17	.883
Q13	.810
Q44	.919
Q42	.844
Q40	.785
Q38	.752

Matrices (EG - Unconstrained)

Total Effects (EG - Unconstrained)

	UA	SG
SG	.513	.000
WMD	.642	.363
Q21	.525	1.024
Q18	.593	1.156
Q17	.602	1.174
Q13	.564	1.101
Q44	1.170	.000
Q42	1.179	.000
Q40	1.101	.000
Q38	1.000	.000

Standardized Total Effects (EG - Unconstrained)

	UA	SG
SG	.606	.000
WMD	.509	.243
Q21	.512	.845

	UA	SG
Q18	.586	.968
Q17	.569	.940
Q13	.545	.900
Q44	.959	.000
Q42	.918	.000
Q40	.886	.000
Q38	.867	.000

Direct Effects (EG - Unconstrained)

	UA	SG
SG	.513	.000
WMD	.456	.363
Q21	.000	1.024
Q18	.000	1.156
Q17	.000	1.174
Q13	.000	1.101
Q44	1.170	.000
Q42	1.179	.000
Q40	1.101	.000
Q38	1.000	.000

Standardized Direct Effects (EG - Unconstrained)

	UA	SG
SG	.606	.000
WMD	.361	.243
Q21	.000	.845
Q18	.000	.968
Q17	.000	.940
Q13	.000	.900
Q44	.959	.000
Q42	.918	.000
Q40	.886	.000
Q38	.867	.000

Indirect Effects (EG - Unconstrained)

	UA	SG
SG	.000	.000
WMD	.186	.000
Q21	.525	.000
Q18	.593	.000
Q17	.602	.000
Q13	.564	.000
Q44	.000	.000
Q42	.000	.000
Q40	.000	.000
Q38	.000	.000

Standardized Indirect Effects (EG - Unconstrained)

	UA	SG
SG	.000	.000
WMD	.147	.000
Q21	.512	.000
Q18	.586	.000
Q17	.569	.000
Q13	.545	.000
Q44	.000	.000
Q42	.000	.000
Q40	.000	.000
Q38	.000	.000

Hypothesis #11 – indirect path

Groups

Group number 1 (Group number 1)

Notes for Group (Group number 1)

The model is recursive.

Sample size = 231

Variable Summary (KW)

Your model contains the following variables (KW)

Observed, endogenous variables

Q38
Q40
Q42
Q44
Q13
Q17
Q18
Q21
WCD

Unobserved, endogenous variables

SG

Unobserved, exogenous variables

UA
e1
e2
e3
e4
e5
e6
e7
e8
e9
e10

Variable counts (KW)

Number of variables in your model:	21
Number of observed variables:	9
Number of unobserved variables:	12
Number of exogenous variables:	11
Number of endogenous variables:	10

Parameter summary (KW)

	Weights	Covariances	Variances	Means	Intercepts	Total
Fixed	12	0	0	0	0	12
Labeled	8	0	11	0	0	19
Unlabeled	0	0	0	0	0	0
Total	20	0	11	0	0	31

Group number 2 (Group number 2)

Notes for Group (Group number 2)

The model is recursive.

Sample size = 232

Variable Summary (EG)

Your model contains the following variables (EG)

Observed, endogenous variables

Q38
Q40
Q42
Q44
Q13
Q17
Q18
Q21
WCD

Unobserved, endogenous variables

SG

Unobserved, exogenous variables

UA
e1
e2
e3

e4
e5
e6
e7
e8
e9
e10

Variable counts (EG)

Number of variables in your model: 21
Number of observed variables: 9
Number of unobserved variables: 12
Number of exogenous variables: 11
Number of endogenous variables: 10

Parameter summary (EG)

	Weights	Covariances	Variances	Means	Intercepts	Total
Fixed	11	0	0	0	0	11
Labeled	9	0	11	0	0	20
Unlabeled	0	0	0	0	0	0
Total	20	0	11	0	0	31

Models

Unconstrained (Unconstrained)

Notes for Model (Unconstrained)

Computation of degrees of freedom (Unconstrained)

Number of distinct sample moments: 90
Number of distinct parameters to be estimated: 37
Degrees of freedom (90 - 37): 53

Result (Unconstrained)

Minimum was achieved
Chi-square = 350.435
Degrees of freedom = 53
Probability level = .000

KW (KW - Unconstrained)

Estimates (KW - Unconstrained)

Scalar Estimates (KW - Unconstrained)

Maximum Likelihood Estimates

Regression Weights: (KW - Unconstrained)

			Estimate	S.E.	C.R.	P	Label
SG	<---	UA	.531	.049	10.941	***	b1_1
Q38	<---	UA	1.000				
Q40	<---	UA	1.092	.041	26.341	***	a1_1
Q42	<---	UA	1.169	.053	22.143	***	a2_1
Q44	<---	UA	1.172	.046	25.470	***	a3_1
Q13	<---	SG	1.092	.041	26.341	***	a1_1
Q17	<---	SG	1.164	.051	22.957	***	a4_1
Q18	<---	SG	1.138	.047	24.426	***	a5_1
Q21	<---	SG	1.000				
WCD	<---	SG	1.912	.160	11.956	***	a8_1

Standardized Regression Weights: (KW - Unconstrained)

			Estimate
SG	<---	UA	.635
Q38	<---	UA	.865
Q40	<---	UA	.887
Q42	<---	UA	.914
Q44	<---	UA	.964
Q13	<---	SG	.897
Q17	<---	SG	.939
Q18	<---	SG	.962
Q21	<---	SG	.841
WCD	<---	SG	.664

Variances: (KW - Unconstrained)

	Estimate	S.E.	C.R.	P	Label
UA	.895	.103	8.702	***	vvv1_1
e9	.374	.045	8.241	***	vv1_1
e1	.301	.032	9.396	***	v1_1

	Estimate	S.E.	C.R.	P	Label
e2	.290	.032	9.049	***	v2_1
e3	.241	.029	8.295	***	v3_1
e4	.093	.019	4.866	***	v4_1
e5	.181	.020	9.056	***	v5_1
e6	.114	.015	7.505	***	v6_1
e7	.065	.012	5.609	***	v7_1
e8	.260	.027	9.775	***	v8_1
e10	2.907	.279	10.417	***	v9_1

Squared Multiple Correlations: (KW - Unconstrained)

	Estimate
SG	.403
WCD	.441
Q21	.707
Q18	.925
Q17	.881
Q13	.805
Q44	.930
Q42	.835
Q40	.786
Q38	.749

Matrices (KW - Unconstrained)

Total Effects (KW - Unconstrained)

	UA	SG
SG	.531	.000
WCD	1.016	1.912
Q21	.531	1.000
Q18	.604	1.138
Q17	.618	1.164
Q13	.580	1.092
Q44	1.172	.000
Q42	1.169	.000
Q40	1.092	.000
Q38	1.000	.000

Standardized Total Effects (KW - Unconstrained)

	UA	SG
SG	.635	.000
WCD	.421	.664
Q21	.534	.841
Q18	.611	.962
Q17	.596	.939
Q13	.569	.897
Q44	.964	.000
Q42	.914	.000
Q40	.887	.000
Q38	.865	.000

Direct Effects (KW - Unconstrained)

	UA	SG
SG	.531	.000
WCD	.000	1.912
Q21	.000	1.000
Q18	.000	1.138
Q17	.000	1.164
Q13	.000	1.092
Q44	1.172	.000
Q42	1.169	.000
Q40	1.092	.000
Q38	1.000	.000

Standardized Direct Effects (KW - Unconstrained)

	UA	SG
SG	.635	.000

	UA	SG
WCD	.000	.664
Q21	.000	.841
Q18	.000	.962
Q17	.000	.939
Q13	.000	.897
Q44	.964	.000
Q42	.914	.000
Q40	.887	.000
Q38	.865	.000

Indirect Effects (KW - Unconstrained)

	UA	SG
SG	.000	.000
WCD	1.016	.000
Q21	.531	.000
Q18	.604	.000
Q17	.618	.000
Q13	.580	.000
Q44	.000	.000
Q42	.000	.000
Q40	.000	.000
Q38	.000	.000

Standardized Indirect Effects (KW - Unconstrained)

	UA	SG
SG	.000	.000
WCD	.421	.000
Q21	.534	.000
Q18	.611	.000
Q17	.596	.000
Q13	.569	.000
Q44	.000	.000
Q42	.000	.000
Q40	.000	.000
Q38	.000	.000

Modification Indices (KW - Unconstrained)

Covariances: (KW - Unconstrained)

			M.I.	Par Change
e10	<-->	UA	43.229	.723
e10	<-->	e9	30.495	-.401
e8	<-->	UA	5.900	.082
e7	<-->	UA	5.332	-.050
e7	<-->	e10	6.807	-.100
e7	<-->	e8	10.608	-.037
e6	<-->	e8	5.832	-.033
e6	<-->	e7	11.972	.027
e5	<-->	e8	37.352	.098
e5	<-->	e6	11.170	-.039
e4	<-->	e6	7.558	.031
e3	<-->	e10	10.926	.206
e2	<-->	e9	9.659	.076
e2	<-->	e8	24.671	.101
e2	<-->	e6	7.941	-.042
e1	<-->	e9	19.051	-.107
e1	<-->	e10	45.326	.446
e1	<-->	e7	4.419	-.027
e1	<-->	e3	11.219	.069

Variances: (KW - Unconstrained)

M.I.	Par Change

Regression Weights: (KW - Unconstrained)

			M.I.	Par Change
WCD	<---	UA	43.229	.808

			M.I.	Par Change
WCD	<---	Q44	34.751	.584
WCD	<---	Q42	50.440	.669
WCD	<---	Q40	26.478	.504
WCD	<---	Q38	76.769	.913
Q21	<---	UA	5.900	.092
Q21	<---	Q13	7.497	.100
Q21	<---	Q44	4.117	.062
Q21	<---	Q42	5.267	.067
Q21	<---	Q40	18.021	.128
Q18	<---	UA	5.332	-.056
Q18	<---	Q44	4.940	-.043
Q18	<---	Q42	4.491	-.039
Q18	<---	Q38	8.723	-.060
Q13	<---	Q21	9.178	.098
Q42	<---	WCD	9.302	.048
Q40	<---	SG	6.146	.122
Q40	<---	Q21	21.362	.188
Q40	<---	Q18	5.719	.098
Q40	<---	Q13	8.876	.118
Q38	<---	SG	11.832	-.170
Q38	<---	WCD	7.409	.046
Q38	<---	Q21	12.248	-.143
Q38	<---	Q18	13.572	-.151
Q38	<---	Q17	11.737	-.134
Q38	<---	Q13	11.780	-.137

Bootstrap (KW - Unconstrained)

Bootstrap standard errors (KW - Unconstrained)

Scalar Estimates (KW - Unconstrained)

Regression Weights: (KW - Unconstrained)

Parameter			SE	SE-SE	Mean	Bias	SE-Bias
SG	<---	UA	.053	.003	.531	-.001	.004
Q38	<---	UA	.000	.000	1.000	.000	.000
Q40	<---	UA	.048	.002	1.099	.007	.003
Q42	<---	UA	.043	.002	1.168	-.001	.003
Q44	<---	UA	.040	.002	1.181	.008	.003
Q13	<---	SG	.048	.002	1.099	.007	.003
Q17	<---	SG	.081	.004	1.158	-.005	.006
Q18	<---	SG	.060	.003	1.138	.000	.004
Q21	<---	SG	.000	.000	1.000	.000	.000
WCD	<---	SG	.201	.010	1.897	-.016	.014

Standardized Regression Weights: (KW - Unconstrained)

Parameter			SE	SE-SE	Mean	Bias	SE-Bias
SG	<---	UA	.057	.003	.630	-.005	.004
Q38	<---	UA	.034	.002	.861	-.004	.002
Q40	<---	UA	.028	.001	.888	.002	.002
Q42	<---	UA	.024	.001	.912	-.001	.002
Q44	<---	UA	.011	.001	.966	.002	.001
Q13	<---	SG	.031	.002	.899	.002	.002
Q17	<---	SG	.025	.001	.938	-.001	.002
Q18	<---	SG	.013	.001	.963	.001	.001
Q21	<---	SG	.031	.002	.840	.000	.002
WCD	<---	SG	.054	.003	.662	-.002	.004

Variances: (KW - Unconstrained)

Parameter	SE	SE-SE	Mean	Bias	SE-Bias
UA	.092	.005	.888	-.007	.006
e9	.068	.003	.379	.005	.005
e1	.081	.004	.310	.010	.006
e2	.072	.004	.285	-.005	.005
e3	.064	.003	.241	.000	.005
e4	.029	.001	.088	-.005	.002

Parameter	SE	SE-SE	Mean	Bias	SE-Bias
e5	.053	.003	.179	-.002	.004
e6	.044	.002	.114	.000	.003
e7	.021	.001	.063	-.002	.001
e8	.051	.003	.260	.001	.004
e10	.360	.018	2.857	-.050	.025

Squared Multiple Correlations: (KW - Unconstrained)

Parameter	SE	SE-SE	Mean	Bias	SE-Bias
SG	.072	.004	.400	-.003	.005
WCD	.071	.004	.441	.000	.005
Q21	.052	.003	.707	.000	.004
Q18	.024	.001	.928	.002	.002
Q17	.045	.002	.880	-.001	.003
Q13	.055	.003	.809	.004	.004
Q44	.022	.001	.934	.004	.002
Q42	.044	.002	.833	-.002	.003
Q40	.050	.002	.790	.004	.004
Q38	.058	.003	.742	-.007	.004

Matrices (KW - Unconstrained)

Total Effects - Standard Errors (KW - Unconstrained)

	UA	SG
SG	.053	.000
WCD	.158	.201
Q21	.053	.000
Q18	.061	.060
Q17	.068	.081
Q13	.065	.048
Q44	.040	.000
Q42	.043	.000
Q40	.048	.000
Q38	.000	.000

Standardized Total Effects - Standard Errors (KW - Unconstrained)

	UA	SG
SG	.057	.000
WCD	.063	.054
Q21	.055	.031
Q18	.055	.013
Q17	.058	.025
Q13	.058	.031
Q44	.011	.000
Q42	.024	.000
Q40	.028	.000
Q38	.034	.000

Direct Effects - Standard Errors (KW - Unconstrained)

	UA	SG
SG	.053	.000
WCD	.000	.201
Q21	.000	.000
Q18	.000	.060
Q17	.000	.081
Q13	.000	.048
Q44	.040	.000
Q42	.043	.000
Q40	.048	.000
Q38	.000	.000

Standardized Direct Effects - Standard Errors (KW - Unconstrained)

	UA	SG
SG	.057	.000
WCD	.000	.054
Q21	.000	.031
Q18	.000	.013

	UA	SG
Q17	.000	.025
Q13	.000	.031
Q44	.011	.000
Q42	.024	.000
Q40	.028	.000
Q38	.034	.000

Indirect Effects - Standard Errors (KW - Unconstrained)

	UA	SG
SG	.000	.000
WCD	.158	.000
Q21	.053	.000
Q18	.061	.000
Q17	.068	.000
Q13	.065	.000
Q44	.000	.000
Q42	.000	.000
Q40	.000	.000
Q38	.000	.000

Standardized Indirect Effects - Standard Errors (KW - Unconstrained)

	UA	SG
SG	.000	.000
WCD	.063	.000
Q21	.055	.000
Q18	.055	.000
Q17	.058	.000
Q13	.058	.000
Q44	.000	.000
Q42	.000	.000
Q40	.000	.000
Q38	.000	.000

EG (EG - Unconstrained)

Estimates (EG - Unconstrained)

Scalar Estimates (EG - Unconstrained)

Maximum Likelihood Estimates

Regression Weights: (EG - Unconstrained)

			Estimate	S.E.	C.R.	P	Label
SG	<---	UA	1.078	.065	16.475	***	b1_2
Q38	<---	UA	1.000				
Q40	<---	UA	1.014	.052	19.399	***	a1_2
Q42	<---	UA	1.026	.045	22.767	***	a2_2
Q44	<---	UA	1.114	.044	25.240	***	a3_2
Q13	<---	SG	1.014	.052	19.399	***	a1_2
Q17	<---	SG	.923	.058	15.948	***	a4_2
Q18	<---	SG	.960	.062	15.553	***	a5_2
Q21	<---	SG	.951	.060	15.792	***	a6_2
WCD	<---	SG	.618	.081	7.599	***	a8_2

Standardized Regression Weights: (EG - Unconstrained)

			Estimate
SG	<---	UA	.897
Q38	<---	UA	.917
Q40	<---	UA	.849
Q42	<---	UA	.904
Q44	<---	UA	.936
Q13	<---	SG	.927
Q17	<---	SG	.947
Q18	<---	SG	.928
Q21	<---	SG	.940
WCD	<---	SG	.493

Variances: (EG - Unconstrained)

Estimate	S.E.	C.R.	P	Label

	Estimate	S.E.	C.R.	P	Label
UA	.785	.087	9.066	***	vvv1_2
e9	.223	.039	5.776	***	vv1_2
e1	.149	.018	8.166	***	v1_2
e2	.312	.033	9.508	***	v2_2
e3	.186	.022	8.580	***	v3_2
e4	.138	.019	7.299	***	v4_2
e5	.192	.022	8.662	***	v5_2
e6	.110	.014	7.717	***	v6_2
e7	.168	.019	8.603	***	v7_2
e8	.135	.017	8.131	***	v8_2
e10	1.348	.127	10.640	***	v9_2

Squared Multiple Correlations: (EG - Unconstrained)

	Estimate
SG	.804
WCD	.243
Q21	.883
Q18	.862
Q17	.898
Q13	.859
Q44	.876
Q42	.817
Q40	.721
Q38	.841

Matrices (EG - Unconstrained)

Total Effects (EG - Unconstrained)

	UA	SG
SG	1.078	.000
WCD	.666	.618
Q21	1.025	.951
Q18	1.035	.960
Q17	.994	.923
Q13	1.093	1.014
Q44	1.114	.000
Q42	1.026	.000
Q40	1.014	.000
Q38	1.000	.000

Standardized Total Effects (EG - Unconstrained)

	UA	SG
SG	.897	.000
WCD	.442	.493
Q21	.843	.940
Q18	.832	.928
Q17	.849	.947
Q13	.831	.927
Q44	.936	.000
Q42	.904	.000
Q40	.849	.000
Q38	.917	.000

Direct Effects (EG - Unconstrained)

	UA	SG
SG	1.078	.000
WCD	.000	.618
Q21	.000	.951
Q18	.000	.960
Q17	.000	.923
Q13	.000	1.014
Q44	1.114	.000
Q42	1.026	.000
Q40	1.014	.000
Q38	1.000	.000

Standardized Direct Effects (EG - Unconstrained)

	UA	SG
SG	.897	.000
WCD	.000	.493
Q21	.000	.940
Q18	.000	.928
Q17	.000	.947
Q13	.000	.927
Q44	.936	.000
Q42	.904	.000
Q40	.849	.000
Q38	.917	.000

Indirect Effects (EG - Unconstrained)

	UA	SG
SG	.000	.000
WCD	.666	.000
Q21	1.025	.000
Q18	1.035	.000
Q17	.994	.000
Q13	1.093	.000
Q44	.000	.000
Q42	.000	.000
Q40	.000	.000
Q38	.000	.000

Standardized Indirect Effects (EG - Unconstrained)

	UA	SG
SG	.000	.000
WCD	.442	.000
Q21	.843	.000
Q18	.832	.000
Q17	.849	.000
Q13	.831	.000
Q44	.000	.000
Q42	.000	.000
Q40	.000	.000
Q38	.000	.000

Hypothesis – # 11 after adding the direct path

Groups

Group number 1 (Group number 1)

Notes for Group (Group number 1)

The model is recursive.

Sample size = 231

Variable Summary (KW)

Your model contains the following variables (KW)

Observed, endogenous variables

Q38
Q40
Q42
Q44
Q13
Q17
Q18
Q21
WCD

Unobserved, endogenous variables

SG

Unobserved, exogenous variables

UA
e1
e2
e3
e4
e5
e6
e7
e8
e9
e10

Variable counts (KW)

Number of variables in your model:	21
Number of observed variables:	9
Number of unobserved variables:	12
Number of exogenous variables:	11
Number of endogenous variables:	10

Parameter summary (KW)

	Weights	Covariances	Variances	Means	Intercepts	Total
Fixed	12	0	0	0	0	12
Labeled	9	0	11	0	0	20
Unlabeled	0	0	0	0	0	0
Total	21	0	11	0	0	32

Group number 2 (Group number 2)

Notes for Group (Group number 2)

The model is recursive.

Sample size = 232

Variable Summary (EG)

Your model contains the following variables (EG)

Observed, endogenous variables

Q38
Q40
Q42
Q44
Q13
Q17
Q18
Q21
WCD

Unobserved, endogenous variables

SG

Unobserved, exogenous variables

UA
e1
e2
e3

e4
e5
e6
e7
e8
e9
e10

Variable counts (EG)

Number of variables in your model: 21
Number of observed variables: 9
Number of unobserved variables: 12
Number of exogenous variables: 11
Number of endogenous variables: 10

Parameter summary (EG)

	Weights	Covariances	Variances	Means	Intercepts	Total
Fixed	11	0	0	0	0	11
Labeled	10	0	11	0	0	21
Unlabeled	0	0	0	0	0	0
Total	21	0	11	0	0	32

Models

Unconstrained (Unconstrained)

Notes for Model (Unconstrained)

Computation of degrees of freedom (Unconstrained)

Number of distinct sample moments: 90
Number of distinct parameters to be estimated: 39
Degrees of freedom (90 - 39): 51

Result (Unconstrained)

Minimum was achieved
Chi-square = 257.627
Degrees of freedom = 51
Probability level = .000

KW (KW - Unconstrained)

Estimates (KW - Unconstrained)

Scalar Estimates (KW - Unconstrained)

Maximum Likelihood Estimates

Regression Weights: (KW - Unconstrained)

			Estimate	S.E.	C.R.	P	Label
SG	<---	UA	.514	.049	10.502	***	b1_1
Q38	<---	UA	1.000				
Q40	<---	UA	1.084	.041	26.451	***	a1_1
Q42	<---	UA	1.173	.051	23.200	***	a2_1
Q44	<---	UA	1.149	.046	25.217	***	a3_1
Q13	<---	SG	1.084	.041	26.451	***	a1_1
Q17	<---	SG	1.161	.051	22.946	***	a4_1
Q18	<---	SG	1.140	.046	24.621	***	a5_1
Q21	<---	SG	1.000				
WCD	<---	UA	1.412	.136	10.384	***	a7_1
WCD	<---	SG	.819	.157	5.202	***	a8_1

Standardized Regression Weights: (KW - Unconstrained)

			Estimate
SG	<---	UA	.617
Q38	<---	UA	.876
Q40	<---	UA	.883
Q42	<---	UA	.924
Q44	<---	UA	.952
Q13	<---	SG	.896
Q17	<---	SG	.939
Q18	<---	SG	.966
Q21	<---	SG	.838
WCD	<---	UA	.590
WCD	<---	SG	.285

Variances: (KW - Unconstrained)

	Estimate	S.E.	C.R.	P	Label
UA	.908	.103	8.803	***	vvv1_1

	Estimate	S.E.	C.R.	P	Label
e9	.390	.047	8.245	***	vv1_1
e1	.275	.030	9.207	***	v1_1
e2	.302	.033	9.091	***	v2_1
e3	.214	.027	7.900	***	v3_1
e4	.123	.020	6.144	***	v4_1
e5	.182	.020	9.108	***	v5_1
e6	.113	.015	7.470	***	v6_1
e7	.058	.011	5.111	***	v7_1
e8	.267	.027	9.818	***	v8_1
e10	1.885	.185	10.199	***	v9_1

Squared Multiple Correlations: (KW - Unconstrained)

	Estimate
SG	.381
WCD	.637
Q21	.703
Q18	.933
Q17	.882
Q13	.802
Q44	.907
Q42	.854
Q40	.780
Q38	.767

Matrices (KW - Unconstrained)

Total Effects (KW - Unconstrained)

	UA	SG
SG	.514	.000
WCD	1.833	.819
Q21	.514	1.000
Q18	.586	1.140
Q17	.597	1.161
Q13	.557	1.084
Q44	1.149	.000
Q42	1.173	.000
Q40	1.084	.000
Q38	1.000	.000

Standardized Total Effects (KW - Unconstrained)

	UA	SG
SG	.617	.000
WCD	.766	.285
Q21	.517	.838
Q18	.596	.966
Q17	.580	.939
Q13	.553	.896
Q44	.952	.000
Q42	.924	.000
Q40	.883	.000
Q38	.876	.000

Direct Effects (KW - Unconstrained)

	UA	SG
SG	.514	.000
WCD	1.412	.819
Q21	.000	1.000
Q18	.000	1.140
Q17	.000	1.161
Q13	.000	1.084
Q44	1.149	.000
Q42	1.173	.000
Q40	1.084	.000
Q38	1.000	.000

Standardized Direct Effects (KW - Unconstrained)

	UA	SG
SG	.617	.000
WCD	.590	.285
Q21	.000	.838
Q18	.000	.966
Q17	.000	.939
Q13	.000	.896
Q44	.952	.000
Q42	.924	.000
Q40	.883	.000
Q38	.876	.000

Indirect Effects (KW - Unconstrained)

	UA	SG
SG	.000	.000
WCD	.421	.000
Q21	.514	.000
Q18	.586	.000
Q17	.597	.000
Q13	.557	.000
Q44	.000	.000
Q42	.000	.000
Q40	.000	.000
Q38	.000	.000

Standardized Indirect Effects (KW - Unconstrained)

	UA	SG
SG	.000	.000
WCD	.176	.000
Q21	.517	.000
Q18	.596	.000
Q17	.580	.000
Q13	.553	.000
Q44	.000	.000
Q42	.000	.000
Q40	.000	.000
Q38	.000	.000

Modification Indices (KW - Unconstrained)

Covariances: (KW - Unconstrained)

			M.I.	Par Change
e8	<-->	UA	7.690	.096
e8	<-->	e9	4.623	-.049
e7	<-->	e8	11.255	-.038
e6	<-->	e7	7.453	.020
e5	<-->	e8	39.742	.102
e5	<-->	e6	11.019	-.038
e4	<-->	e10	18.357	-.176
e4	<-->	e6	5.604	.027
e3	<-->	e10	6.261	.122
e2	<-->	e9	10.140	.081
e2	<-->	e8	22.850	.101
e2	<-->	e6	7.587	-.042
e2	<-->	e4	11.436	.056
e2	<-->	e3	5.221	-.046
e1	<-->	e9	24.996	-.120
e1	<-->	e10	24.280	.257
e1	<-->	e2	6.480	-.055

Variances: (KW - Unconstrained)

M.I.	Par Change

Regression Weights: (KW - Unconstrained)

			M.I.	Par Change
WCD	<---	Q38	4.934	.189
Q21	<---	UA	7.690	.105

			M.I.	Par Change
Q21	<---	Q13	7.105	.099
Q21	<---	Q44	5.601	.073
Q21	<---	Q42	6.853	.077
Q21	<---	Q40	20.057	.136
Q13	<---	Q21	10.823	.105
Q44	<---	WCD	6.110	-.032
Q40	<---	SG	6.143	.124
Q40	<---	Q21	20.645	.188
Q40	<---	Q18	5.742	.100
Q40	<---	Q13	8.833	.121
Q38	<---	SG	15.032	-.185
Q38	<---	Q21	14.351	-.149
Q38	<---	Q18	15.821	-.158
Q38	<---	Q17	13.740	-.140
Q38	<---	Q13	13.913	-.144

Bootstrap (KW - Unconstrained)

Bootstrap standard errors (KW - Unconstrained)

Scalar Estimates (KW - Unconstrained)

Regression Weights: (KW - Unconstrained)

Parameter			SE	SE-SE	Mean	Bias	SE-Bias
SG	<---	UA	.053	.003	.514	.000	.004
Q38	<---	UA	.000	.000	1.000	.000	.000
Q40	<---	UA	.047	.002	1.090	.006	.003
Q42	<---	UA	.042	.002	1.173	-.001	.003
Q44	<---	UA	.038	.002	1.156	.007	.003
Q13	<---	SG	.047	.002	1.090	.006	.003
Q17	<---	SG	.083	.004	1.155	-.007	.006
Q18	<---	SG	.061	.003	1.138	-.002	.004
Q21	<---	SG	.000	.000	1.000	.000	.000
WCD	<---	UA	.201	.010	1.409	-.003	.014
WCD	<---	SG	.246	.012	.820	.001	.017

Standardized Regression Weights: (KW - Unconstrained)

Parameter			SE	SE-SE	Mean	Bias	SE-Bias
SG	<---	UA	.058	.003	.612	-.005	.004
Q38	<---	UA	.031	.002	.872	-.004	.002
Q40	<---	UA	.028	.001	.884	.001	.002
Q42	<---	UA	.020	.001	.924	.000	.001
Q44	<---	UA	.015	.001	.954	.001	.001
Q13	<---	SG	.032	.002	.898	.002	.002
Q17	<---	SG	.026	.001	.938	-.001	.002
Q18	<---	SG	.013	.001	.966	.000	.001
Q21	<---	SG	.032	.002	.839	.000	.002
WCD	<---	UA	.078	.004	.590	-.001	.006
WCD	<---	SG	.083	.004	.287	.002	.006

Variances: (KW - Unconstrained)

Parameter	SE	SE-SE	Mean	Bias	SE-Bias
UA	.091	.005	.902	-.006	.006
e9	.070	.003	.396	.006	.005
e1	.073	.004	.284	.008	.005
e2	.073	.004	.297	-.005	.005
e3	.053	.003	.212	-.002	.004
e4	.036	.002	.119	-.005	.003
e5	.054	.003	.180	-.002	.004
e6	.046	.002	.113	.000	.003
e7	.021	.001	.057	-.001	.002
e8	.053	.003	.266	.000	.004
e10	.312	.016	1.830	-.055	.022

Squared Multiple Correlations: (KW - Unconstrained)

Parameter	SE	SE-SE	Mean	Bias	SE-Bias
SG	.070	.004	.378	-.003	.005

Parameter	SE	SE-SE	Mean	Bias	SE-Bias
WCD	.058	.003	.643	.005	.004
Q21	.053	.003	.704	.002	.004
Q18	.025	.001	.934	.001	.002
Q17	.047	.002	.881	-.001	.003
Q13	.057	.003	.807	.005	.004
Q44	.028	.001	.910	.003	.002
Q42	.036	.002	.854	.000	.003
Q40	.050	.002	.783	.003	.004
Q38	.053	.003	.762	-.006	.004

Matrices (KW - Unconstrained)

Total Effects - Standard Errors (KW - Unconstrained)

	UA	SG
SG	.053	.000
WCD	.128	.246
Q21	.053	.000
Q18	.061	.061
Q17	.068	.083
Q13	.065	.047
Q44	.038	.000
Q42	.042	.000
Q40	.047	.000
Q38	.000	.000

Standardized Total Effects - Standard Errors (KW - Unconstrained)

	UA	SG
SG	.058	.000
WCD	.044	.083
Q21	.056	.032
Q18	.056	.013
Q17	.059	.026
Q13	.058	.032
Q44	.015	.000
Q42	.020	.000
Q40	.028	.000
Q38	.031	.000

Direct Effects - Standard Errors (KW - Unconstrained)

	UA	SG
SG	.053	.000
WCD	.201	.246
Q21	.000	.000
Q18	.000	.061
Q17	.000	.083
Q13	.000	.047
Q44	.038	.000
Q42	.042	.000
Q40	.047	.000
Q38	.000	.000

Standardized Direct Effects - Standard Errors (KW - Unconstrained)

	UA	SG
SG	.058	.000
WCD	.078	.083
Q21	.000	.032
Q18	.000	.013
Q17	.000	.026
Q13	.000	.032
Q44	.015	.000
Q42	.020	.000
Q40	.028	.000
Q38	.031	.000

Indirect Effects - Standard Errors (KW - Unconstrained)

	UA	SG

	UA	SG
SG	.000	.000
WCD	.124	.000
Q21	.053	.000
Q18	.061	.000
Q17	.068	.000
Q13	.065	.000
Q44	.000	.000
Q42	.000	.000
Q40	.000	.000
Q38	.000	.000

Standardized Indirect Effects - Standard Errors (KW - Unconstrained)

	UA	SG
SG	.000	.000
WCD	.052	.000
Q21	.056	.000
Q18	.056	.000
Q17	.059	.000
Q13	.058	.000
Q44	.000	.000
Q42	.000	.000
Q40	.000	.000
Q38	.000	.000

EG (EG - Unconstrained)
Estimates (EG - Unconstrained)
Scalar Estimates (EG - Unconstrained)
Maximum Likelihood Estimates
Regression Weights: (EG - Unconstrained)

			Estimate	S.E.	C.R.	P	Label
SG	<---	UA	1.078	.065	16.477	***	b1_2
Q38	<---	UA	1.000				
Q40	<---	UA	1.014	.052	19.399	***	a1_2
Q42	<---	UA	1.026	.045	22.770	***	a2_2
Q44	<---	UA	1.114	.044	25.237	***	a3_2
Q13	<---	SG	1.014	.052	19.399	***	a1_2
Q17	<---	SG	.922	.058	15.946	***	a4_2
Q18	<---	SG	.960	.062	15.553	***	a5_2
Q21	<---	SG	.951	.060	15.792	***	a6_2
WCD	<---	UA	-.042	.233	-.181	.856	a7_2
WCD	<---	SG	.650	.196	3.317	***	a8_2

Standardized Regression Weights: (EG - Unconstrained)

			Estimate
SG	<---	UA	.897
Q38	<---	UA	.917
Q40	<---	UA	.849
Q42	<---	UA	.904
Q44	<---	UA	.936
Q13	<---	SG	.927
Q17	<---	SG	.947
Q18	<---	SG	.928
Q21	<---	SG	.940
WCD	<---	UA	-.028
WCD	<---	SG	.519

Variances: (EG - Unconstrained)

	Estimate	S.E.	C.R.	P	Label
UA	.785	.087	9.066	***	vvv1_2
e9	.222	.039	5.770	***	vv1_2
e1	.149	.018	8.166	***	v1_2
e2	.312	.033	9.508	***	v2_2
e3	.185	.022	8.579	***	v3_2
e4	.138	.019	7.301	***	v4_2

	Estimate	S.E.	C.R.	P	Label
e5	.192	.022	8.663	***	v5_2
e6	.110	.014	7.722	***	v6_2
e7	.168	.019	8.604	***	v7_2
e8	.135	.017	8.132	***	v8_2
e10	1.347	.127	10.614	***	v9_2

Squared Multiple Correlations: (EG - Unconstrained)

	Estimate
SG	.804
WCD	.244
Q21	.883
Q18	.862
Q17	.898
Q13	.859
Q44	.876
Q42	.817
Q40	.721
Q38	.841

Matrices (EG - Unconstrained)

Total Effects (EG - Unconstrained)

	UA	SG
SG	1.078	.000
WCD	.658	.650
Q21	1.026	.951
Q18	1.035	.960
Q17	.995	.922
Q13	1.093	1.014
Q44	1.114	.000
Q42	1.026	.000
Q40	1.014	.000
Q38	1.000	.000

Standardized Total Effects (EG - Unconstrained)

	UA	SG
SG	.897	.000
WCD	.437	.519
Q21	.843	.940
Q18	.832	.928
Q17	.849	.947
Q13	.831	.927
Q44	.936	.000
Q42	.904	.000
Q40	.849	.000
Q38	.917	.000

Direct Effects (EG - Unconstrained)

	UA	SG
SG	1.078	.000
WCD	-.042	.650
Q21	.000	.951
Q18	.000	.960
Q17	.000	.922
Q13	.000	1.014
Q44	1.114	.000
Q42	1.026	.000
Q40	1.014	.000
Q38	1.000	.000

Standardized Direct Effects (EG - Unconstrained)

	UA	SG
SG	.897	.000
WCD	-.028	.519
Q21	.000	.940
Q18	.000	.928

	UA	SG
Q17	.000	.947
Q13	.000	.927
Q44	.936	.000
Q42	.904	.000
Q40	.849	.000
Q38	.917	.000

Indirect Effects (EG - Unconstrained)

	UA	SG
SG	.000	.000
WCD	.701	.000
Q21	1.026	.000
Q18	1.035	.000
Q17	.995	.000
Q13	1.093	.000
Q44	.000	.000
Q42	.000	.000
Q40	.000	.000
Q38	.000	.000

Standardized Indirect Effects (EG - Unconstrained)

	UA	SG
SG	.000	.000
WCD	.465	.000
Q21	.843	.000
Q18	.832	.000
Q17	.849	.000
Q13	.831	.000
Q44	.000	.000
Q42	.000	.000
Q40	.000	.000
Q38	.000	.000

Modification Indices (EG - Unconstrained)

Covariances: (EG - Unconstrained)

			M.I.	Par Change
e4	<-->	e8	6.582	.031
e4	<-->	e7	11.014	-.044
e3	<-->	e8	15.806	-.052
e2	<-->	e3	5.408	.043
e1	<-->	e6	6.784	-.029

Variances: (EG - Unconstrained)

	M.I.	Par Change

Regression Weights: (EG - Unconstrained)

	M.I.	Par Change

Bootstrap (EG - Unconstrained)

Bootstrap standard errors (EG - Unconstrained)

Scalar Estimates (EG - Unconstrained)

Regression Weights: (EG - Unconstrained)

Parameter			SE	SE-SE	Mean	Bias	SE-Bias
SG	<---	UA	.089	.004	1.089	.011	.006
Q38	<---	UA	.000	.000	1.000	.000	.000
Q40	<---	UA	.056	.003	1.009	-.005	.004
Q42	<---	UA	.054	.003	1.020	-.006	.004
Q44	<---	UA	.041	.002	1.112	-.002	.003
Q13	<---	SG	.056	.003	1.009	-.005	.004
Q17	<---	SG	.064	.003	.920	-.002	.005
Q18	<---	SG	.065	.003	.959	-.002	.005
Q21	<---	SG	.060	.003	.946	-.005	.004
WCD	<---	UA	.235	.012	-.045	-.003	.017
WCD	<---	SG	.196	.010	.646	-.004	.014

Standardized Regression Weights: (EG - Unconstrained)

Parameter			SE	SE-SE	Mean	Bias	SE-Bias
SG	<---	UA	.020	.001	.898	.002	.001

Parameter			SE	SE-SE	Mean	Bias	SE-Bias
Q38	<---	UA	.018	.001	.919	.002	.001
Q40	<---	UA	.039	.002	.846	-.003	.003
Q42	<---	UA	.014	.001	.902	-.002	.001
Q44	<---	UA	.012	.001	.937	.001	.001
Q13	<---	SG	.017	.001	.928	.002	.001
Q17	<---	SG	.013	.001	.948	.001	.001
Q18	<---	SG	.015	.001	.929	.000	.001
Q21	<---	SG	.016	.001	.940	.000	.001
WCD	<---	UA	.152	.008	-.029	-.001	.011
WCD	<---	SG	.159	.008	.522	.004	.011

Variances: (EG - Unconstrained)

Parameter	SE	SE-SE	Mean	Bias	SE-Bias
UA	.077	.004	.787	.002	.005
e9	.049	.002	.222	-.001	.003
e1	.028	.001	.144	-.005	.002
e2	.076	.004	.316	.004	.005
e3	.022	.001	.186	.000	.002
e4	.023	.001	.135	-.003	.002
e5	.042	.002	.186	-.006	.003
e6	.027	.001	.108	-.002	.002
e7	.028	.001	.166	-.002	.002
e8	.032	.002	.133	-.002	.002
e10	.170	.009	1.316	-.030	.012

Squared Multiple Correlations: (EG - Unconstrained)

Parameter	SE	SE-SE	Mean	Bias	SE-Bias
SG	.035	.002	.808	.004	.002
WCD	.065	.003	.254	.010	.005
Q21	.030	.002	.884	.001	.002
Q18	.027	.001	.863	.001	.002
Q17	.024	.001	.899	.002	.002
Q13	.032	.002	.862	.003	.002
Q44	.022	.001	.877	.002	.002
Q42	.025	.001	.814	-.003	.002
Q40	.065	.003	.717	-.004	.005
Q38	.032	.002	.845	.004	.002

Matrices (EG - Unconstrained)

Total Effects - Standard Errors (EG - Unconstrained)

	UA	SG
SG	.089	.000
WCD	.094	.196
Q21	.073	.060
Q18	.074	.065
Q17	.065	.064
Q13	.080	.056
Q44	.041	.000
Q42	.054	.000
Q40	.056	.000
Q38	.000	.000

Standardized Total Effects - Standard Errors (EG - Unconstrained)

	UA	SG
SG	.020	.000
WCD	.063	.159
Q21	.026	.016
Q18	.024	.015
Q17	.020	.013
Q13	.025	.017
Q44	.012	.000
Q42	.014	.000
Q40	.039	.000
Q38	.018	.000

Direct Effects - Standard Errors (EG - Unconstrained)

	UA	SG
SG	.089	.000
WCD	.235	.196
Q21	.000	.060
Q18	.000	.065
Q17	.000	.064
Q13	.000	.056
Q44	.041	.000
Q42	.054	.000
Q40	.056	.000
Q38	.000	.000

Standardized Direct Effects - Standard Errors (EG - Unconstrained)

	UA	SG
SG	.020	.000
WCD	.152	.159
Q21	.000	.016
Q18	.000	.015
Q17	.000	.013
Q13	.000	.017
Q44	.012	.000
Q42	.014	.000
Q40	.039	.000
Q38	.018	.000

Indirect Effects - Standard Errors (EG - Unconstrained)

	UA	SG
SG	.000	.000
WCD	.232	.000
Q21	.073	.000
Q18	.074	.000
Q17	.065	.000
Q13	.080	.000
Q44	.000	.000
Q42	.000	.000
Q40	.000	.000
Q38	.000	.000

Standardized Indirect Effects - Standard Errors (EG - Unconstrained)

	UA	SG
SG	.000	.000
WCD	.147	.000
Q21	.026	.000
Q18	.024	.000
Q17	.020	.000
Q13	.025	.000
Q44	.000	.000
Q42	.000	.000
Q40	.000	.000
Q38	.000	.000

Hypothesis # 12 – indirect path

Groups
Group number 1 (Group number 1)
Notes for Group (Group number 1)
The model is recursive.
Sample size = 231
Variable Summary (KW)
Your model contains the following variables (KW)
Observed, endogenous variables
Q38
Q40
Q42
Q44
Q23
Q28
Q29
Q30
WSB
Unobserved, endogenous variables
PG
Unobserved, exogenous variables
UA
e1
e2
e3
e4
e5
e6
e7
e8
e9
e10
Variable counts (KW)

Number of variables in your model:	21
Number of observed variables:	9
Number of unobserved variables:	12
Number of exogenous variables:	11
Number of endogenous variables:	10

Parameter summary (KW)

	Weights	Covariances	Variances	Means	Intercepts	Total
Fixed	12	0	0	0	0	12
Labeled	8	0	11	0	0	19
Unlabeled	0	0	0	0	0	0
Total	20	0	11	0	0	31

Group number 2 (Group number 2)
Notes for Group (Group number 2)
The model is recursive.
Sample size = 232
Variable Summary (EG)
Your model contains the following variables (EG)
Observed, endogenous variables
Q38
Q40
Q42
Q44
Q23
Q28
Q29
Q30
WSB
Unobserved, endogenous variables
PG
Unobserved, exogenous variables
UA
e1
e2

e3
e4
e5
e6
e7
e8
e9
e10

Variable counts (EG)

Number of variables in your model: 21
Number of observed variables: 9
Number of unobserved variables: 12
Number of exogenous variables: 11
Number of endogenous variables: 10

Parameter summary (EG)

	Weights	Covariances	Variances	Means	Intercepts	Total
Fixed	11	0	0	0	0	11
Labeled	9	0	11	0	0	20
Unlabeled	0	0	0	0	0	0
Total	20	0	11	0	0	31

Models

Unconstrained (Unconstrained)

Notes for Model (Unconstrained)

Computation of degrees of freedom (Unconstrained)

Number of distinct sample moments: 90
Number of distinct parameters to be estimated: 37
Degrees of freedom (90 - 37): 53

Result (Unconstrained)

Minimum was achieved
Chi-square = 245.377
Degrees of freedom = 53
Probability level = .000

KW (KW - Unconstrained)

Estimates (KW - Unconstrained)

Scalar Estimates (KW - Unconstrained)

Maximum Likelihood Estimates

Regression Weights: (KW - Unconstrained)

			Estimate	S.E.	C.R.	P	Label
PG	<---	UA	1.058	.047	22.525	***	b1_1
Q38	<---	UA	1.000				
Q40	<---	UA	.962	.030	31.653	***	a1_1
Q42	<---	UA	.995	.044	22.823	***	a2_1
Q44	<---	UA	1.112	.039	28.352	***	a3_1
Q23	<---	PG	.962	.030	31.653	***	a1_1
Q28	<---	PG	.972	.026	37.828	***	a4_1
Q29	<---	PG	1.039	.031	33.563	***	a5_1
Q30	<---	PG	1.000				
WSB	<---	PG	.868	.064	13.490	***	a8_1

Standardized Regression Weights: (KW - Unconstrained)

			Estimate
PG	<---	UA	.904
Q38	<---	UA	.918
Q40	<---	UA	.833
Q42	<---	UA	.889
Q44	<---	UA	.949
Q23	<---	PG	.894
Q28	<---	PG	.966
Q29	<---	PG	.947
Q30	<---	PG	.958
WSB	<---	PG	.682

Variances: (KW - Unconstrained)

	Estimate	S.E.	C.R.	P	Label
UA	.807	.086	9.343	***	vvv1_1
e9	.203	.027	7.595	***	vv1_1

	Estimate	S.E.	C.R.	P	Label
e1	.150	.018	8.246	***	v1_1
e2	.330	.034	9.725	***	v2_1
e3	.212	.024	9.005	***	v3_1
e4	.110	.017	6.574	***	v4_1
e5	.258	.027	9.704	***	v5_1
e6	.075	.011	7.006	***	v6_1
e7	.138	.016	8.430	***	v7_1
e8	.098	.013	7.716	***	v8_1
e10	.961	.091	10.503	***	v9_1

Squared Multiple Correlations: (KW - Unconstrained)

	Estimate
PG	.816
WSB	.465
Q30	.919
Q29	.897
Q28	.933
Q23	.799
Q44	.900
Q42	.790
Q40	.694
Q38	.843

Matrices (KW - Unconstrained)

Total Effects (KW - Unconstrained)

	UA	PG
PG	1.058	.000
WSB	.919	.868
Q30	1.058	1.000
Q29	1.099	1.039
Q28	1.028	.972
Q23	1.019	.962
Q44	1.112	.000
Q42	.995	.000
Q40	.962	.000
Q38	1.000	.000

Standardized Total Effects (KW - Unconstrained)

	UA	PG
PG	.904	.000
WSB	.616	.682
Q30	.866	.958
Q29	.856	.947
Q28	.873	.966
Q23	.808	.894
Q44	.949	.000
Q42	.889	.000
Q40	.833	.000
Q38	.918	.000

Direct Effects (KW - Unconstrained)

	UA	PG
PG	1.058	.000
WSB	.000	.868
Q30	.000	1.000
Q29	.000	1.039
Q28	.000	.972
Q23	.000	.962
Q44	1.112	.000
Q42	.995	.000
Q40	.962	.000
Q38	1.000	.000

Standardized Direct Effects (KW - Unconstrained)

	UA	PG

	UA	PG
PG	.904	.000
WSB	.000	.682
Q30	.000	.958
Q29	.000	.947
Q28	.000	.966
Q23	.000	.894
Q44	.949	.000
Q42	.889	.000
Q40	.833	.000
Q38	.918	.000

Indirect Effects (KW - Unconstrained)

	UA	PG
PG	.000	.000
WSB	.919	.000
Q30	1.058	.000
Q29	1.099	.000
Q28	1.028	.000
Q23	1.019	.000
Q44	.000	.000
Q42	.000	.000
Q40	.000	.000
Q38	.000	.000

Standardized Indirect Effects (KW - Unconstrained)

	UA	PG
PG	.000	.000
WSB	.616	.000
Q30	.866	.000
Q29	.856	.000
Q28	.873	.000
Q23	.808	.000
Q44	.000	.000
Q42	.000	.000
Q40	.000	.000
Q38	.000	.000

Modification Indices (KW - Unconstrained)

Covariances: (KW - Unconstrained)

			M.I.	Par Change
e7	<-->	e8	7.176	-.026
e6	<-->	e10	4.073	-.044
e6	<-->	e7	4.843	.019
e5	<-->	e8	6.947	.033
e5	<-->	e6	7.311	-.031
e4	<-->	e9	5.865	.033
e4	<-->	e6	17.720	.038
e4	<-->	e5	6.831	-.038
e3	<-->	e9	11.702	-.058
e3	<-->	e8	4.499	-.025
e3	<-->	e6	5.116	-.025
e3	<-->	e5	5.030	.039
e2	<-->	e8	6.001	-.035
e2	<-->	e3	11.628	.067
e1	<-->	e8	5.261	.024
e1	<-->	e6	11.870	-.033

Variances: (KW - Unconstrained)

M.I.	Par Change

Regression Weights: (KW - Unconstrained)

			M.I.	Par Change
Q40	<---	Q42	4.380	.083

EG (EG - Unconstrained)

Estimates (EG - Unconstrained)

Scalar Estimates (EG - Unconstrained)
Maximum Likelihood Estimates
Regression Weights: (EG - Unconstrained)

			Estimate	S.E.	C.R.	P	Label
PG	<---	UA	.555	.053	10.391	***	b1_2
Q38	<---	UA	1.000				
Q40	<---	UA	1.106	.059	18.881	***	a1_2
Q42	<---	UA	1.176	.059	20.057	***	a2_2
Q44	<---	UA	1.184	.052	22.607	***	a3_2
Q23	<---	PG	1.106	.059	18.881	***	a1_2
Q28	<---	PG	1.202	.084	14.355	***	a4_2
Q29	<---	PG	1.108	.080	13.828	***	a5_2
Q30	<---	PG	1.156	.086	13.464	***	a6_2
WSB	<---	PG	.947	.103	9.174	***	a8_2

Standardized Regression Weights: (EG - Unconstrained)

			Estimate
PG	<---	UA	.651
Q38	<---	UA	.863
Q40	<---	UA	.886
Q42	<---	UA	.912
Q44	<---	UA	.965
Q23	<---	PG	.855
Q28	<---	PG	.965
Q29	<---	PG	.926
Q30	<---	PG	.902
WSB	<---	PG	.614

Variances: (EG - Unconstrained)

	Estimate	S.E.	C.R.	P	Label
UA	.877	.107	8.198	***	vvv1_2
e9	.367	.061	6.022	***	vv1_2
e1	.300	.032	9.437	***	v1_2
e2	.294	.032	9.078	***	v2_2
e3	.246	.029	8.390	***	v3_2
e4	.089	.019	4.745	***	v4_2
e5	.287	.030	9.652	***	v5_2
e6	.068	.013	5.258	***	v6_2
e7	.129	.016	8.130	***	v7_2
e8	.195	.022	8.935	***	v8_2
e10	.942	.090	10.512	***	v9_2

Squared Multiple Correlations: (EG - Unconstrained)

	Estimate
PG	.424
WSB	.377
Q30	.813
Q29	.858
Q28	.931
Q23	.731
Q44	.932
Q42	.832
Q40	.785
Q38	.745

Matrices (EG - Unconstrained)
Total Effects (EG - Unconstrained)

	UA	PG
PG	.555	.000
WSB	.526	.947
Q30	.642	1.156
Q29	.615	1.108
Q28	.667	1.202
Q23	.614	1.106
Q44	1.184	.000

	UA	PG
Q42	1.176	.000
Q40	1.106	.000
Q38	1.000	.000

Standardized Total Effects (EG - Unconstrained)

	UA	PG
PG	.651	.000
WSB	.400	.614
Q30	.587	.902
Q29	.604	.926
Q28	.629	.965
Q23	.557	.855
Q44	.965	.000
Q42	.912	.000
Q40	.886	.000
Q38	.863	.000

Direct Effects (EG - Unconstrained)

	UA	PG
PG	.555	.000
WSB	.000	.947
Q30	.000	1.156
Q29	.000	1.108
Q28	.000	1.202
Q23	.000	1.106
Q44	1.184	.000
Q42	1.176	.000
Q40	1.106	.000
Q38	1.000	.000

Standardized Direct Effects (EG - Unconstrained)

	UA	PG
PG	.651	.000
WSB	.000	.614
Q30	.000	.902
Q29	.000	.926
Q28	.000	.965
Q23	.000	.855
Q44	.965	.000
Q42	.912	.000
Q40	.886	.000
Q38	.863	.000

Indirect Effects (EG - Unconstrained)

	UA	PG
PG	.000	.000
WSB	.526	.000
Q30	.642	.000
Q29	.615	.000
Q28	.667	.000
Q23	.614	.000
Q44	.000	.000
Q42	.000	.000
Q40	.000	.000
Q38	.000	.000

Standardized Indirect Effects (EG - Unconstrained)

	UA	PG
PG	.000	.000
WSB	.400	.000
Q30	.587	.000
Q29	.604	.000
Q28	.629	.000
Q23	.557	.000
Q44	.000	.000

	UA	PG
Q42	.000	.000
Q40	.000	.000
Q38	.000	.000

Modification Indices (EG - Unconstrained)

Covariances: (EG - Unconstrained)

			M.I.	Par Change
e10	<-->	UA	22.034	.289
e10	<-->	e9	17.056	-.169
e7	<-->	e10	5.010	-.058
e7	<-->	e8	4.497	-.026
e6	<-->	UA	4.709	-.049
e6	<-->	e7	4.605	.018
e5	<-->	e8	7.253	.047
e4	<-->	e6	4.551	-.021
e3	<-->	e8	4.291	-.036
e2	<-->	e10	4.113	.076
e2	<-->	e7	17.108	-.064
e2	<-->	e5	8.583	.063
e1	<-->	e9	12.395	-.085
e1	<-->	e5	18.448	-.092
e1	<-->	e3	12.076	.072

Hypothesis # 12 – After adding the direct effect

Groups

Group number 1 (Group number 1)

Notes for Group (Group number 1)

The model is recursive.

Sample size = 231

Variable Summary (KW)

Your model contains the following variables (KW)

Observed, endogenous variables

Q38
Q40
Q42
Q44
Q23
Q28
Q29
Q30
WSB

Unobserved, endogenous variables

PG

Unobserved, exogenous variables

UA
e1
e2
e3
e4
e5
e6
e7
e8
e9
e10

Variable counts (KW)

Number of variables in your model:	21
Number of observed variables:	9
Number of unobserved variables:	12
Number of exogenous variables:	11
Number of endogenous variables:	10

Parameter summary (KW)

	Weights	Covariances	Variances	Means	Intercepts	Total
Fixed	12	0	0	0	0	12
Labeled	9	0	11	0	0	20
Unlabeled	0	0	0	0	0	0
Total	21	0	11	0	0	32

Group number 2 (Group number 2)

Notes for Group (Group number 2)

The model is recursive.

Sample size = 232

Variable Summary (EG)

Your model contains the following variables (EG)

Observed, endogenous variables

Q38
Q40
Q42
Q44
Q23
Q28
Q29
Q30
WSB

Unobserved, endogenous variables

PG

Unobserved, exogenous variables

UA
e1
e2
e3

e4
e5
e6
e7
e8
e9
e10

Variable counts (EG)

Number of variables in your model: 21
Number of observed variables: 9
Number of unobserved variables: 12
Number of exogenous variables: 11
Number of endogenous variables: 10

Parameter summary (EG)

	Weights	Covariances	Variances	Means	Intercepts	Total
Fixed	11	0	0	0	0	11
Labeled	10	0	11	0	0	21
Unlabeled	0	0	0	0	0	0
Total	21	0	11	0	0	32

Models

Unconstrained (Unconstrained)

Notes for Model (Unconstrained)

Computation of degrees of freedom (Unconstrained)

Number of distinct sample moments: 90
Number of distinct parameters to be estimated: 39
Degrees of freedom (90 - 39): 51

Result (Unconstrained)

Minimum was achieved
Chi-square = 201.410
Degrees of freedom = 51
Probability level = .000

KW (KW - Unconstrained)

Estimates (KW - Unconstrained)

Scalar Estimates (KW - Unconstrained)

Maximum Likelihood Estimates

Regression Weights: (KW - Unconstrained)

			Estimate	S.E.	C.R.	P	Label
PG	<---	UA	1.058	.047	22.492	***	b1_1
Q38	<---	UA	1.000				
Q40	<---	UA	.962	.030	31.650	***	a1_1
Q42	<---	UA	.995	.044	22.848	***	a2_1
Q44	<---	UA	1.111	.039	28.334	***	a3_1
Q23	<---	PG	.962	.030	31.650	***	a1_1
Q28	<---	PG	.972	.026	37.876	***	a4_1
Q29	<---	PG	1.039	.031	33.567	***	a5_1
Q30	<---	PG	1.000				
WSB	<---	UA	.100	.199	.500	.617	a7_1
WSB	<---	PG	.790	.169	4.671	***	a8_1

Standardized Regression Weights: (KW - Unconstrained)

			Estimate
PG	<---	UA	.903
Q38	<---	UA	.919
Q40	<---	UA	.833
Q42	<---	UA	.889
Q44	<---	UA	.949
Q23	<---	PG	.894
Q28	<---	PG	.966
Q29	<---	PG	.947
Q30	<---	PG	.959
WSB	<---	UA	.067
WSB	<---	PG	.620

Variances: (KW - Unconstrained)

	Estimate	S.E.	C.R.	P	Label
UA	.807	.086	9.346	***	vvv1_1

	Estimate	S.E.	C.R.	P	Label
e9	.204	.027	7.590	***	vv1_1
e1	.149	.018	8.236	***	v1_1
e2	.330	.034	9.723	***	v2_1
e3	.212	.024	8.999	***	v3_1
e4	.111	.017	6.597	***	v4_1
e5	.258	.027	9.703	***	v5_1
e6	.074	.011	6.974	***	v6_1
e7	.138	.016	8.424	***	v7_1
e8	.098	.013	7.708	***	v8_1
e10	.962	.091	10.520	***	v9_1

Squared Multiple Correlations: (KW - Unconstrained)

	Estimate
PG	.815
WSB	.464
Q30	.919
Q29	.897
Q28	.934
Q23	.799
Q44	.900
Q42	.791
Q40	.694
Q38	.844

Matrices (KW - Unconstrained)

Total Effects (KW - Unconstrained)

	UA	PG
PG	1.058	.000
WSB	.935	.790
Q30	1.058	1.000
Q29	1.099	1.039
Q28	1.028	.972
Q23	1.018	.962
Q44	1.111	.000
Q42	.995	.000
Q40	.962	.000
Q38	1.000	.000

Standardized Total Effects (KW - Unconstrained)

	UA	PG
PG	.903	.000
WSB	.627	.620
Q30	.866	.959
Q29	.855	.947
Q28	.873	.966
Q23	.807	.894
Q44	.949	.000
Q42	.889	.000
Q40	.833	.000
Q38	.919	.000

Direct Effects (KW - Unconstrained)

	UA	PG
PG	1.058	.000
WSB	.100	.790
Q30	.000	1.000
Q29	.000	1.039
Q28	.000	.972
Q23	.000	.962
Q44	1.111	.000
Q42	.995	.000
Q40	.962	.000
Q38	1.000	.000

Standardized Direct Effects (KW - Unconstrained)

	UA	PG
PG	.903	.000
WSB	.067	.620
Q30	.000	.959
Q29	.000	.947
Q28	.000	.966
Q23	.000	.894
Q44	.949	.000
Q42	.889	.000
Q40	.833	.000
Q38	.919	.000

Indirect Effects (KW - Unconstrained)

	UA	PG
PG	.000	.000
WSB	.836	.000
Q30	1.058	.000
Q29	1.099	.000
Q28	1.028	.000
Q23	1.018	.000
Q44	.000	.000
Q42	.000	.000
Q40	.000	.000
Q38	.000	.000

Standardized Indirect Effects (KW - Unconstrained)

	UA	PG
PG	.000	.000
WSB	.560	.000
Q30	.866	.000
Q29	.855	.000
Q28	.873	.000
Q23	.807	.000
Q44	.000	.000
Q42	.000	.000
Q40	.000	.000
Q38	.000	.000

Modification Indices (KW - Unconstrained)

Covariances: (KW - Unconstrained)

			M.I.	Par Change
e7	<-->	e8	7.214	-.026
e6	<-->	e7	4.676	.019
e5	<-->	e8	7.024	.033
e5	<-->	e6	7.417	-.031
e4	<-->	e9	6.099	.034
e4	<-->	e6	17.955	.038
e4	<-->	e5	6.914	-.038
e3	<-->	e9	11.867	-.059
e3	<-->	e8	4.403	-.025
e3	<-->	e6	4.935	-.024
e3	<-->	e5	5.039	.039
e2	<-->	e8	5.963	-.035
e2	<-->	e3	11.546	.067
e1	<-->	e8	5.361	.024
e1	<-->	e6	11.707	-.033

Variances: (KW - Unconstrained)

M.I.	Par Change

Regression Weights: (KW - Unconstrained)

			M.I.	Par Change
Q40	<---	Q42	4.351	.082

EG (EG - Unconstrained)

Estimates (EG - Unconstrained)

Scalar Estimates (EG - Unconstrained)

Maximum Likelihood Estimates

Regression Weights: (EG - Unconstrained)

			Estimate	S.E.	C.R.	P	Label
PG	<---	UA	.545	.053	10.200	***	b1_2
Q38	<---	UA	1.000				
Q40	<---	UA	1.108	.058	18.995	***	a1_2
Q42	<---	UA	1.176	.058	20.126	***	a2_2
Q44	<---	UA	1.181	.052	22.587	***	a3_2
Q23	<---	PG	1.108	.058	18.995	***	a1_2
Q28	<---	PG	1.207	.084	14.409	***	a4_2
Q29	<---	PG	1.112	.080	13.873	***	a5_2
Q30	<---	PG	1.157	.086	13.481	***	a6_2
WSB	<---	UA	.594	.088	6.734	***	a7_2
WSB	<---	PG	.485	.105	4.603	***	a8_2

Standardized Regression Weights: (EG - Unconstrained)

			Estimate
PG	<---	UA	.641
Q38	<---	UA	.864
Q40	<---	UA	.888
Q42	<---	UA	.913
Q44	<---	UA	.964
Q23	<---	PG	.854
Q28	<---	PG	.967
Q29	<---	PG	.927
Q30	<---	PG	.901
WSB	<---	UA	.453
WSB	<---	PG	.314

Variances: (EG - Unconstrained)

	Estimate	S.E.	C.R.	P	Label
UA	.878	.107	8.209	***	vvv1_2
e9	.373	.062	6.038	***	vv1_2
e1	.298	.032	9.433	***	v1_2
e2	.289	.032	9.051	***	v2_2
e3	.244	.029	8.396	***	v3_2
e4	.094	.019	5.043	***	v4_2
e5	.288	.030	9.664	***	v5_2
e6	.065	.013	5.008	***	v6_2
e7	.128	.016	8.069	***	v7_2
e8	.197	.022	8.954	***	v8_2
e10	.779	.074	10.502	***	v9_2

Squared Multiple Correlations: (EG - Unconstrained)

	Estimate
PG	.411
WSB	.485
Q30	.812
Q29	.860
Q28	.934
Q23	.730
Q44	.928
Q42	.833
Q40	.788
Q38	.746

Matrices (EG - Unconstrained)

Total Effects (EG - Unconstrained)

	UA	PG
PG	.545	.000
WSB	.858	.485
Q30	.630	1.157
Q29	.606	1.112
Q28	.657	1.207
Q23	.603	1.108

	UA	PG
Q44	1.181	.000
Q42	1.176	.000
Q40	1.108	.000
Q38	1.000	.000

Standardized Total Effects (EG - Unconstrained)

	UA	PG
PG	.641	.000
WSB	.654	.314
Q30	.578	.901
Q29	.594	.927
Q28	.620	.967
Q23	.548	.854
Q44	.964	.000
Q42	.913	.000
Q40	.888	.000
Q38	.864	.000

Direct Effects (EG - Unconstrained)

	UA	PG
PG	.545	.000
WSB	.594	.485
Q30	.000	1.157
Q29	.000	1.112
Q28	.000	1.207
Q23	.000	1.108
Q44	1.181	.000
Q42	1.176	.000
Q40	1.108	.000
Q38	1.000	.000

Standardized Direct Effects (EG - Unconstrained)

	UA	PG
PG	.641	.000
WSB	.453	.314
Q30	.000	.901
Q29	.000	.927
Q28	.000	.967
Q23	.000	.854
Q44	.964	.000
Q42	.913	.000
Q40	.888	.000
Q38	.864	.000

Indirect Effects (EG - Unconstrained)

	UA	PG
PG	.000	.000
WSB	.264	.000
Q30	.630	.000
Q29	.606	.000
Q28	.657	.000
Q23	.603	.000
Q44	.000	.000
Q42	.000	.000
Q40	.000	.000
Q38	.000	.000

Standardized Indirect Effects (EG - Unconstrained)

	UA	PG
PG	.000	.000
WSB	.201	.000
Q30	.578	.000
Q29	.594	.000
Q28	.620	.000
Q23	.548	.000

	UA	PG
Q44	.000	.000
Q42	.000	.000
Q40	.000	.000
Q38	.000	.000

Modification Indices (EG - Unconstrained)

Covariances: (EG - Unconstrained)

			M.I.	Par Change
e7	<-->	e8	4.495	-.026
e6	<-->	e10	6.096	.051
e5	<-->	e8	7.722	.049
e4	<-->	e6	5.189	-.023
e4	<-->	e5	4.555	.034
e3	<-->	e8	4.102	-.035
e2	<-->	e10	4.019	.068
e2	<-->	e7	16.272	-.062
e2	<-->	e5	9.347	.066
e1	<-->	e9	12.644	-.086
e1	<-->	e5	17.260	-.089
e1	<-->	e3	11.529	.070

Hypothesis #13 indirect path

Group number 1 (Group number 1)
Notes for Group (Group number 1)
The model is recursive.
Sample size = 231
Variable Summary (KW)
Your model contains the following variables (KW)
Observed, endogenous variables
Q38
Q40
Q42
Q44
Q23
Q28
Q29
Q30
WCS
Unobserved, endogenous variables
PG
Unobserved, exogenous variables
UA
e1
e2
e3
e4
e5
e6
e7
e8
e9
e10
Variable counts (KW)
Number of variables in your model: 21
Number of observed variables: 9
Number of unobserved variables: 12
Number of exogenous variables: 11
Number of endogenous variables: 10
Parameter summary (KW)

	Weights	Covariances	Variances	Means	Intercepts	Total
Fixed	12	0	0	0	0	12
Labeled	8	0	11	0	0	19
Unlabeled	0	0	0	0	0	0
Total	20	0	11	0	0	31

Group number 2 (Group number 2)
Notes for Group (Group number 2)
The model is recursive.
Sample size = 232
Variable Summary (EG)
Your model contains the following variables (EG)
Observed, endogenous variables
Q38
Q40
Q42
Q44
Q23
Q28
Q29
Q30
WCS
Unobserved, endogenous variables
PG
Unobserved, exogenous variables
UA
e1
e2
e3
e4

e5
e6
e7
e8
e9
e10

Variable counts (EG)

Number of variables in your model: 21
Number of observed variables: 9
Number of unobserved variables: 12
Number of exogenous variables: 11
Number of endogenous variables: 10

Parameter summary (EG)

	Weights	Covariances	Variances	Means	Intercepts	Total
Fixed	11	0	0	0	0	11
Labeled	9	0	11	0	0	20
Unlabeled	0	0	0	0	0	0
Total	20	0	11	0	0	31

Models

Unconstrained (Unconstrained)

Notes for Model (Unconstrained)

Computation of degrees of freedom (Unconstrained)

Number of distinct sample moments: 90
Number of distinct parameters to be estimated: 37
Degrees of freedom (90 - 37): 53

Result (Unconstrained)

Minimum was achieved
Chi-square = 222.816
Degrees of freedom = 53
Probability level = .000

KW (KW - Unconstrained)

Estimates (KW - Unconstrained)

Scalar Estimates (KW - Unconstrained)

Maximum Likelihood Estimates

Regression Weights: (KW - Unconstrained)

			Estimate	S.E.	C.R.	P	Label
PG	<---	UA	.587	.053	11.034	***	b1_1
Q38	<---	UA	1.000				
Q40	<---	UA	1.027	.038	27.030	***	a1_1
Q42	<---	UA	1.130	.050	22.414	***	a2_1
Q44	<---	UA	1.137	.044	26.061	***	a3_1
Q23	<---	PG	1.027	.038	27.030	***	a1_1
Q28	<---	PG	1.070	.039	27.564	***	a4_1
Q29	<---	PG	.992	.040	24.719	***	a5_1
Q30	<---	PG	1.000				
WCS	<---	PG	1.036	.131	7.921	***	a8_1

Standardized Regression Weights: (KW - Unconstrained)

			Estimate
PG	<---	UA	.638
Q38	<---	UA	.873
Q40	<---	UA	.876
Q42	<---	UA	.912
Q44	<---	UA	.965
Q23	<---	PG	.867
Q28	<---	PG	.963
Q29	<---	PG	.930
Q30	<---	PG	.893
WCS	<---	PG	.481

Variances: (KW - Unconstrained)

	Estimate	S.E.	C.R.	P	Label
UA	.947	.108	8.794	***	vvv1_1
e9	.475	.055	8.661	***	vv1_1
e1	.296	.032	9.278	***	v1_1

	Estimate	S.E.	C.R.	P	Label
e2	.301	.033	9.218	***	v2_1
e3	.244	.029	8.326	***	v3_1
e4	.091	.019	4.780	***	v4_1
e5	.281	.030	9.489	***	v5_1
e6	.071	.013	5.331	***	v6_1
e7	.123	.016	7.874	***	v7_1
e8	.203	.022	9.074	***	v8_1
e10	2.865	.270	10.605	***	v9_1

Squared Multiple Correlations: (KW - Unconstrained)

	Estimate
PG	.407
WCS	.231
Q30	.798
Q29	.865
Q28	.928
Q23	.751
Q44	.931
Q42	.832
Q40	.768
Q38	.762

Matrices (KW - Unconstrained)

Total Effects (KW - Unconstrained)

	UA	PG
PG	.587	.000
WCS	.608	1.036
Q30	.587	1.000
Q29	.583	.992
Q28	.629	1.070
Q23	.603	1.027
Q44	1.137	.000
Q42	1.130	.000
Q40	1.027	.000
Q38	1.000	.000

Standardized Total Effects (KW - Unconstrained)

	UA	PG
PG	.638	.000
WCS	.307	.481
Q30	.570	.893
Q29	.594	.930
Q28	.615	.963
Q23	.553	.867
Q44	.965	.000
Q42	.912	.000
Q40	.876	.000
Q38	.873	.000

Direct Effects (KW - Unconstrained)

	UA	PG
PG	.587	.000
WCS	.000	1.036
Q30	.000	1.000
Q29	.000	.992
Q28	.000	1.070
Q23	.000	1.027
Q44	1.137	.000
Q42	1.130	.000
Q40	1.027	.000
Q38	1.000	.000

Standardized Direct Effects (KW - Unconstrained)

	UA	PG
PG	.638	.000

	UA	PG
WCS	.000	.481
Q30	.000	.893
Q29	.000	.930
Q28	.000	.963
Q23	.000	.867
Q44	.965	.000
Q42	.912	.000
Q40	.876	.000
Q38	.873	.000

Indirect Effects (KW - Unconstrained)

	UA	PG
PG	.000	.000
WCS	.608	.000
Q30	.587	.000
Q29	.583	.000
Q28	.629	.000
Q23	.603	.000
Q44	.000	.000
Q42	.000	.000
Q40	.000	.000
Q38	.000	.000

Standardized Indirect Effects (KW - Unconstrained)

	UA	PG
PG	.000	.000
WCS	.307	.000
Q30	.570	.000
Q29	.594	.000
Q28	.615	.000
Q23	.553	.000
Q44	.000	.000
Q42	.000	.000
Q40	.000	.000
Q38	.000	.000

Modification Indices (KW - Unconstrained)

Covariances: (KW - Unconstrained)

			M.I.	Par Change
e8	<-->	e10	7.253	-.147
e7	<-->	e8	4.908	-.028
e5	<-->	e10	9.640	.195
e5	<-->	e8	6.319	.045
e5	<-->	e6	4.855	-.028
e4	<-->	e5	4.294	.033
e2	<-->	e7	16.649	-.063
e2	<-->	e5	9.128	.066
e1	<-->	e9	13.114	-.100
e1	<-->	e5	16.620	-.087
e1	<-->	e3	11.071	.069

Variances: (KW - Unconstrained)

M.I.	Par Change

Regression Weights: (KW - Unconstrained)

			M.I.	Par Change
Q30	<---	Q40	4.682	.061
Q30	<---	Q38	4.854	.063
Q23	<---	WCS	5.019	.043
Q40	<---	Q30	5.037	.087
Q40	<---	Q28	4.439	.082
Q40	<---	Q23	9.399	.112
Q38	<---	PG	11.196	-.146
Q38	<---	WCS	4.673	-.043
Q38	<---	Q30	5.525	-.090

			M.I.	Par Change
Q38	<---	Q29	6.949	-.106
Q38	<---	Q28	11.466	-.130
Q38	<---	Q23	22.757	-.172

EG (EG - Unconstrained)
Estimates (EG - Unconstrained)
Scalar Estimates (EG - Unconstrained)
Maximum Likelihood Estimates
Regression Weights: (EG - Unconstrained)

			Estimate	S.E.	C.R.	P	Label
PG	<---	UA	.969	.063	15.267	***	b1_2
Q38	<---	UA	1.000				
Q40	<---	UA	1.018	.053	19.277	***	a1_2
Q42	<---	UA	1.023	.047	21.982	***	a2_2
Q44	<---	UA	1.132	.043	26.481	***	a3_2
Q23	<---	PG	1.018	.053	19.277	***	a1_2
Q28	<---	PG	1.050	.068	15.460	***	a4_2
Q29	<---	PG	1.120	.074	15.093	***	a5_2
Q30	<---	PG	1.083	.071	15.281	***	a6_2
WCS	<---	PG	.883	.090	9.851	***	a8_2

Standardized Regression Weights: (EG - Unconstrained)

			Estimate
PG	<---	UA	.885
Q38	<---	UA	.917
Q40	<---	UA	.846
Q42	<---	UA	.891
Q44	<---	UA	.949
Q23	<---	PG	.889
Q28	<---	PG	.968
Q29	<---	PG	.947
Q30	<---	PG	.958
WCS	<---	PG	.639

Variances: (EG - Unconstrained)

	Estimate	S.E.	C.R.	P	Label
UA	.793	.087	9.070	***	vvv1_2
e9	.205	.035	5.799	***	vv1_2
e1	.150	.018	8.250	***	v1_2
e2	.326	.034	9.593	***	v2_2
e3	.215	.024	8.948	***	v3_2
e4	.111	.017	6.492	***	v4_2
e5	.261	.027	9.767	***	v5_2
e6	.070	.010	6.748	***	v6_2
e7	.137	.016	8.414	***	v7_2
e8	.100	.013	7.744	***	v8_2
e10	1.073	.102	10.571	***	v9_2

Squared Multiple Correlations: (EG - Unconstrained)

	Estimate
PG	.784
WCS	.408
Q30	.917
Q29	.897
Q28	.937
Q23	.790
Q44	.901
Q42	.794
Q40	.716
Q38	.841

Matrices (EG - Unconstrained)
Total Effects (EG - Unconstrained)

	UA	PG
PG	.969	.000

	UA	PG
WCS	.856	.883
Q30	1.050	1.083
Q29	1.086	1.120
Q28	1.017	1.050
Q23	.986	1.018
Q44	1.132	.000
Q42	1.023	.000
Q40	1.018	.000
Q38	1.000	.000

Standardized Total Effects (EG - Unconstrained)

	UA	PG
PG	.885	.000
WCS	.566	.639
Q30	.848	.958
Q29	.839	.947
Q28	.857	.968
Q23	.787	.889
Q44	.949	.000
Q42	.891	.000
Q40	.846	.000
Q38	.917	.000

Direct Effects (EG - Unconstrained)

	UA	PG
PG	.969	.000
WCS	.000	.883
Q30	.000	1.083
Q29	.000	1.120
Q28	.000	1.050
Q23	.000	1.018
Q44	1.132	.000
Q42	1.023	.000
Q40	1.018	.000
Q38	1.000	.000

Standardized Direct Effects (EG - Unconstrained)

	UA	PG
PG	.885	.000
WCS	.000	.639
Q30	.000	.958
Q29	.000	.947
Q28	.000	.968
Q23	.000	.889
Q44	.949	.000
Q42	.891	.000
Q40	.846	.000
Q38	.917	.000

Indirect Effects (EG - Unconstrained)

	UA	PG
PG	.000	.000
WCS	.856	.000
Q30	1.050	.000
Q29	1.086	.000
Q28	1.017	.000
Q23	.986	.000
Q44	.000	.000
Q42	.000	.000
Q40	.000	.000
Q38	.000	.000

Standardized Indirect Effects (EG - Unconstrained)

	UA	PG
PG	.000	.000

	UA	PG
WCS	.566	.000
Q30	.848	.000
Q29	.839	.000
Q28	.857	.000
Q23	.787	.000
Q44	.000	.000
Q42	.000	.000
Q40	.000	.000
Q38	.000	.000

Hypothesis # 13 – direct path Groups

Group number 1 (Group number 1)
Notes for Group (Group number 1)
The model is recursive.
Sample size = 231
Variable Summary (KW)
Your model contains the following variables (KW)
Observed, endogenous variables
Q38
Q40
Q42
Q44
Q23
Q28
Q29
Q30
WCS
Unobserved, endogenous variables
PG
Unobserved, exogenous variables
UA
e1
e2
e3
e4
e5
e6
e7
e8
e9
e10
Variable counts (KW)
Number of variables in your model: 21
Number of observed variables: 9
Number of unobserved variables: 12
Number of exogenous variables: 11
Number of endogenous variables: 10
Parameter summary (KW)

	Weights	Covariances	Variances	Means	Intercepts	Total
Fixed	12	0	0	0	0	12
Labeled	8	0	11	0	0	19
Unlabeled	1	0	0	0	0	1
Total	21	0	11	0	0	32

Group number 2 (Group number 2)
Notes for Group (Group number 2)
The model is recursive.
Sample size = 232
Variable Summary (EG)
Your model contains the following variables (EG)
Observed, endogenous variables
Q38
Q40
Q42
Q44
Q23
Q28
Q29
Q30
WCS
Unobserved, endogenous variables
PG
Unobserved, exogenous variables
UA
e1
e2
e3

e4
e5
e6
e7
e8
e9
e10

Variable counts (EG)

Number of variables in your model: 21
Number of observed variables: 9
Number of unobserved variables: 12
Number of exogenous variables: 11
Number of endogenous variables: 10

Parameter summary (EG)

	Weights	Covariances	Variances	Means	Intercepts	Total
Fixed	11	0	0	0	0	11
Labeled	9	0	11	0	0	20
Unlabeled	1	0	0	0	0	1
Total	21	0	11	0	0	32

Models

Unconstrained (Unconstrained)

Notes for Model (Unconstrained)

Computation of degrees of freedom (Unconstrained)

Number of distinct sample moments: 90
Number of distinct parameters to be estimated: 39
Degrees of freedom (90 - 39): 51

Result (Unconstrained)

Minimum was achieved
Chi-square = 217.896
Degrees of freedom = 51
Probability level = .000

KW (KW - Unconstrained)

Estimates (KW - Unconstrained)

Scalar Estimates (KW - Unconstrained)

Maximum Likelihood Estimates

Regression Weights: (KW - Unconstrained)

			Estimate	S.E.	C.R.	P	Label
PG	<---	UA	.590	.053	11.091	***	b1_1
Q38	<---	UA	1.000				
Q40	<---	UA	1.028	.038	27.051	***	a1_1
Q42	<---	UA	1.131	.050	22.415	***	a2_1
Q44	<---	UA	1.137	.044	26.071	***	a3_1
Q23	<---	PG	1.028	.038	27.051	***	a1_1
Q28	<---	PG	1.070	.039	27.485	***	a4_1
Q29	<---	PG	.993	.040	24.725	***	a5_1
Q30	<---	PG	1.000				
WCS	<---	PG	1.252	.173	7.241	***	a8_1
WCS	<---	UA	-.299	.156	-1.914	.056	

Standardized Regression Weights: (KW - Unconstrained)

			Estimate
PG	<---	UA	.641
Q38	<---	UA	.873
Q40	<---	UA	.877
Q42	<---	UA	.912
Q44	<---	UA	.965
Q23	<---	PG	.867
Q28	<---	PG	.963
Q29	<---	PG	.930
Q30	<---	PG	.893
WCS	<---	PG	.581
WCS	<---	UA	-.151

Variances: (KW - Unconstrained)

	Estimate	S.E.	C.R.	P	Label
UA	.946	.108	8.794	***	vvv1_1

	Estimate	S.E.	C.R.	P	Label
e9	.473	.055	8.652	***	vv1_1
e1	.296	.032	9.282	***	v1_1
e2	.301	.033	9.221	***	v2_1
e3	.244	.029	8.332	***	v3_1
e4	.091	.019	4.784	***	v4_1
e5	.279	.029	9.478	***	v5_1
e6	.073	.013	5.438	***	v6_1
e7	.123	.016	7.872	***	v7_1
e8	.203	.022	9.077	***	v8_1
e10	2.802	.266	10.528	***	v9_1

Squared Multiple Correlations: (KW - Unconstrained)

	Estimate
PG	.410
WCS	.248
Q30	.798
Q29	.866
Q28	.927
Q23	.752
Q44	.931
Q42	.832
Q40	.768
Q38	.762

Matrices (KW - Unconstrained)

Total Effects (KW - Unconstrained)

	UA	PG
PG	.590	.000
WCS	.439	1.252
Q30	.590	1.000
Q29	.585	.993
Q28	.631	1.070
Q23	.606	1.028
Q44	1.137	.000
Q42	1.131	.000
Q40	1.028	.000
Q38	1.000	.000

Standardized Total Effects (KW - Unconstrained)

	UA	PG
PG	.641	.000
WCS	.221	.581
Q30	.572	.893
Q29	.596	.930
Q28	.617	.963
Q23	.556	.867
Q44	.965	.000
Q42	.912	.000
Q40	.877	.000
Q38	.873	.000

Direct Effects (KW - Unconstrained)

	UA	PG
PG	.590	.000
WCS	-.299	1.252
Q30	.000	1.000
Q29	.000	.993
Q28	.000	1.070
Q23	.000	1.028
Q44	1.137	.000
Q42	1.131	.000
Q40	1.028	.000
Q38	1.000	.000

Standardized Direct Effects (KW - Unconstrained)

	UA	PG
PG	.641	.000
WCS	-.151	.581
Q30	.000	.893
Q29	.000	.930
Q28	.000	.963
Q23	.000	.867
Q44	.965	.000
Q42	.912	.000
Q40	.877	.000
Q38	.873	.000

Indirect Effects (KW - Unconstrained)

	UA	PG
PG	.000	.000
WCS	.738	.000
Q30	.590	.000
Q29	.585	.000
Q28	.631	.000
Q23	.606	.000
Q44	.000	.000
Q42	.000	.000
Q40	.000	.000
Q38	.000	.000

Standardized Indirect Effects (KW - Unconstrained)

	UA	PG
PG	.000	.000
WCS	.372	.000
Q30	.572	.000
Q29	.596	.000
Q28	.617	.000
Q23	.556	.000
Q44	.000	.000
Q42	.000	.000
Q40	.000	.000
Q38	.000	.000

Modification Indices (KW - Unconstrained)

Covariances: (KW - Unconstrained)

			M.I.	Par Change
e8	<-->	e10	7.070	-.144
e7	<-->	e8	4.919	-.028
e5	<-->	e10	9.935	.196
e5	<-->	e8	6.107	.044
e5	<-->	e6	4.850	-.028
e4	<-->	e6	4.015	-.021
e4	<-->	e5	4.639	.034
e3	<-->	e8	4.134	-.036
e2	<-->	e7	16.661	-.063
e2	<-->	e5	9.395	.066
e1	<-->	e9	13.139	-.099
e1	<-->	e5	16.534	-.087
e1	<-->	e3	11.068	.069

Variances: (KW - Unconstrained)

M.I.	Par Change

Regression Weights: (KW - Unconstrained)

			M.I.	Par Change
Q30	<---	WCS	4.199	-.034
Q30	<---	Q40	4.393	.059
Q30	<---	Q38	4.539	.061
Q23	<---	WCS	4.582	.041
Q40	<---	Q30	4.935	.086
Q40	<---	Q28	4.393	.082

			M.I.	Par Change
Q40	<---	Q23	9.463	.112
Q38	<---	PG	11.140	-.145
Q38	<---	WCS	4.012	-.040
Q38	<---	Q30	5.581	-.090
Q38	<---	Q29	6.922	-.105
Q38	<---	Q28	11.473	-.130
Q38	<---	Q23	22.601	-.171

EG (EG - Unconstrained)
Estimates (EG - Unconstrained)
Scalar Estimates (EG - Unconstrained)
Maximum Likelihood Estimates
Regression Weights: (EG - Unconstrained)

			Estimate	S.E.	C.R.	P	Label
PG	<---	UA	.968	.063	15.253	***	b1_2
Q38	<---	UA	1.000				
Q40	<---	UA	1.018	.053	19.329	***	a1_2
Q42	<---	UA	1.023	.046	22.037	***	a2_2
Q44	<---	UA	1.130	.043	26.469	***	a3_2
Q23	<---	PG	1.018	.053	19.329	***	a1_2
Q28	<---	PG	1.050	.068	15.487	***	a4_2
Q29	<---	PG	1.120	.074	15.116	***	a5_2
Q30	<---	PG	1.083	.071	15.309	***	a6_2
WCS	<---	PG	.705	.177	3.985	***	a8_2
WCS	<---	UA	.216	.189	1.141	.254	

Standardized Regression Weights: (EG - Unconstrained)

			Estimate
PG	<---	UA	.884
Q38	<---	UA	.918
Q40	<---	UA	.846
Q42	<---	UA	.892
Q44	<---	UA	.948
Q23	<---	PG	.889
Q28	<---	PG	.968
Q29	<---	PG	.947
Q30	<---	PG	.958
WCS	<---	PG	.510
WCS	<---	UA	.143

Variances: (EG - Unconstrained)

	Estimate	S.E.	C.R.	P	Label
UA	.794	.087	9.081	***	vvv1_2
e9	.207	.036	5.806	***	vv1_2
e1	.149	.018	8.225	***	v1_2
e2	.325	.034	9.585	***	v2_2
e3	.214	.024	8.939	***	v3_2
e4	.113	.017	6.556	***	v4_2
e5	.261	.027	9.765	***	v5_2
e6	.070	.010	6.710	***	v6_2
e7	.137	.016	8.407	***	v7_2
e8	.100	.013	7.714	***	v8_2
e10	1.071	.101	10.608	***	v9_2

Squared Multiple Correlations: (EG - Unconstrained)

	Estimate
PG	.782
WCS	.409
Q30	.918
Q29	.897
Q28	.937
Q23	.790
Q44	.900
Q42	.795

	Estimate
Q40	.717
Q38	.842

Matrices (EG - Unconstrained)

Total Effects (EG - Unconstrained)

	UA	PG
PG	.968	.000
WCS	.898	.705
Q30	1.048	1.083
Q29	1.084	1.120
Q28	1.016	1.050
Q23	.984	1.018
Q44	1.130	.000
Q42	1.023	.000
Q40	1.018	.000
Q38	1.000	.000

Standardized Total Effects (EG - Unconstrained)

	UA	PG
PG	.884	.000
WCS	.594	.510
Q30	.847	.958
Q29	.838	.947
Q28	.856	.968
Q23	.786	.889
Q44	.948	.000
Q42	.892	.000
Q40	.846	.000
Q38	.918	.000

Direct Effects (EG - Unconstrained)

	UA	PG
PG	.968	.000
WCS	.216	.705
Q30	.000	1.083
Q29	.000	1.120
Q28	.000	1.050
Q23	.000	1.018
Q44	1.130	.000
Q42	1.023	.000
Q40	1.018	.000
Q38	1.000	.000

Standardized Direct Effects (EG - Unconstrained)

	UA	PG
PG	.884	.000
WCS	.143	.510
Q30	.000	.958
Q29	.000	.947
Q28	.000	.968
Q23	.000	.889
Q44	.948	.000
Q42	.892	.000
Q40	.846	.000
Q38	.918	.000

Indirect Effects (EG - Unconstrained)

	UA	PG
PG	.000	.000
WCS	.682	.000
Q30	1.048	.000
Q29	1.084	.000
Q28	1.016	.000
Q23	.984	.000
Q44	.000	.000

	UA	PG
Q42	.000	.000
Q40	.000	.000
Q38	.000	.000

Standardized Indirect Effects (EG - Unconstrained)

	UA	PG
PG	.000	.000
WCS	.451	.000
Q30	.847	.000
Q29	.838	.000
Q28	.856	.000
Q23	.786	.000
Q44	.000	.000
Q42	.000	.000
Q40	.000	.000
Q38	.000	.000

A-6

A-6 Data Driven Model Analysis

Data Driven Model – Saturated Model

Analysis Summary
Date and Time
Groups
Group number 1 (Group number 1)
Notes for Group (Group number 1)
The model is recursive.
Sample size = 231
Variable Summary (Ku)
Your model contains the following variables (Ku)
Observed, endogenous variables
Q01
Q04
Q05
Q08
Q13
Q17
Q18
Q21
Q23
Q28
Q29
Q30
Q32
Q33
Q37
Q38
Q40
Q42
Q44
Q36
WH
WF
WNP
WP
WCP
WE
WCF
WOI
WMD
WCD
WSB
WCS
Unobserved, endogenous variables
GAP1
GAP2
GAP3
SDP
Unobserved, exogenous variables
e01
e02
e03
e04
e05
e06
e07
e08
e09
e10
e11
e12
e13
e14
PD
e16
e17
e18

e19
e20
UA
e15
e21
e22
e23
e24
e25
e26
e27
e28
e29
e30
e31
e32
e80
e83
e81
e82
Variable counts (Ku)
Number of variables in your model: 74
Number of observed variables: 32
Number of unobserved variables: 42
Number of exogenous variables: 38
Number of endogenous variables: 36
Parameter summary (Ku)

	Weights	Covariances	Variances	Means	Intercepts	Total
Fixed	41	0	0	0	0	41
Labeled	38	0	38	0	0	76
Unlabeled	0	0	0	0	0	0
Total	79	0	38	0	0	117

Group number 2 (Group number 2)
Notes for Group (Group number 2)
The model is recursive.
Sample size = 232
Variable Summary (EG)
Your model contains the following variables (EG)
Observed, endogenous variables
Q01
Q04
Q05
Q08
Q13
Q17
Q18
Q21
Q23
Q28
Q29
Q30
Q32
Q33
Q37
Q38
Q40
Q42
Q44
Q36
WH
WF
WNP
WP
WCP
WE
WCF
WOI
WMD

WCD
WSB
WCS
Unobserved, endogenous variables
GAP1
GAP2
GAP3
SDP
Unobserved, exogenous variables
e01
e02
e03
e04
e05
e06
e07
e08
e09
e10
e11
e12
e13
e14
PD
e16
e17
e18
e19
e20
UA
e15
e21
e22
e23
e24
e25
e26
e27
e28
e29
e30
e31
e32
e80
e83
e81
e82
Variable counts (EG)

Number of variables in your model:	74
Number of observed variables:	32
Number of unobserved variables:	42
Number of exogenous variables:	38
Number of endogenous variables:	36

Parameter summary (EG)

	Weights	Covariances	Variances	Means	Intercepts	Total
Fixed	41	0	0	0	0	41
Labeled	38	0	38	0	0	76
Unlabeled	0	0	0	0	0	0
Total	79	0	38	0	0	117

Models
Unconstrained (Unconstrained)
Notes for Model (Unconstrained)
Computation of degrees of freedom (Unconstrained)

Number of distinct sample moments:	1056
Number of distinct parameters to be estimated:	89
Degrees of freedom (1056 - 89):	967

Result (Unconstrained)
Iteration limit reached

The results that follow are therefore incorrect.
Chi-square = 4488.516
Degrees of freedom = 967
Probability level = .000
Ku (Ku - Unconstrained)
Estimates (Ku - Unconstrained)
Scalar Estimates (Ku - Unconstrained)
Maximum Likelihood Estimates
Regression Weights: (Ku - Unconstrained)

			Estimate	S.E.	C.R.	P	Label
GAP3	<---	PD	-.416	.105	-3.953	***	b6_1
GAP1	<---	PD	-.467	.074	-6.296	***	b7_1
GAP2	<---	PD	-.584	.083	-6.998	***	b8_1
GAP3	<---	UA	.614	.180	3.414	***	b9_1
GAP1	<---	UA	.111	.116	.951	.342	b10_1
GAP2	<---	UA	.196	.129	1.525	.127	b11_1
SDP	<---	GAP1	.012	.138	.085	.932	b2_1
SDP	<---	GAP3	-.287	.096	-2.991	.003	b3_1
SDP	<---	UA	.670	.205	3.271	.001	b4_1
SDP	<---	PD	.112	.176	.636	.525	b5_1
SDP	<---	GAP2	.726	.158	4.607	***	b1_1
Q01	<---	GAP1	1.000				
Q05	<---	GAP1	1.366	.077	17.781	***	a1_2
Q04	<---	GAP1	1.324	.067	19.809	***	a2_2
Q13	<---	GAP2	1.000				
Q23	<---	GAP3	1.000				
Q33	<---	PD	1.000				
Q08	<---	GAP1	1.414	.072	19.756	***	a3_2
Q17	<---	GAP2	1.231	.063	19.631	***	a4_2
Q18	<---	GAP2	1.430	.072	19.770	***	a5_2
Q21	<---	GAP2	1.074	.054	19.856	***	a6_2
Q28	<---	GAP3	.646	.033	19.701	***	a7_2
Q29	<---	GAP3	1.024	.051	19.897	***	a8_2
Q30	<---	GAP3	.598	.033	18.147	***	a9_2
Q32	<---	PD	.844	.044	19.183	***	a10_2
Q40	<---	UA	1.291	.066	19.700	***	a11_2
Q42	<---	UA	1.387	.071	19.545	***	a12_2
Q44	<---	UA	1.004	.153	6.563	***	a13_2
Q36	<---	PD	.918	.094	9.757	***	a14_2
Q37	<---	PD	.764	.081	9.403	***	a15_2
Q38	<---	UA	1.000				
WH	<---	SDP	2.991	.305	9.805	***	a1_1
WF	<---	SDP	2.540	.252	10.100	***	a2_1
WNP	<---	SDP	2.630	.261	10.083	***	a3_1
WP	<---	SDP	2.181	.217	10.044	***	a4_1
WCP	<---	SDP	2.582	.257	10.064	***	a5_1
WE	<---	SDP	2.004	.198	10.102	***	a6_1
WMD	<---	SDP	1.250	.124	10.079	***	a7_1
WCD	<---	SDP	1.951	.193	10.090	***	a8_1
WSB	<---	SDP	1.307	.132	9.885	***	a9_1
WCS	<---	SDP	1.602	.162	9.916	***	a10_1
WOI	<---	SDP	2.535	.251	10.089	***	a11_1
WCF	<---	SDP	2.604	.259	10.053	***	a12_1

Standardized Regression Weights: (Ku - Unconstrained)

			Estimate
GAP3	<---	PD	-.337
GAP1	<---	PD	-.540
GAP2	<---	PD	-.593
GAP3	<---	UA	.326
GAP1	<---	UA	.084
GAP2	<---	UA	.131

			Estimate
SDP	<---	GAP1	.007
SDP	<---	GAP3	-.262
SDP	<---	UA	.325
SDP	<---	PD	.083
SDP	<---	GAP2	.529
Q01	<---	GAP1	.541
Q05	<---	GAP1	.734
Q04	<---	GAP1	.706
Q13	<---	GAP2	.621
Q23	<---	GAP3	.708
Q33	<---	PD	.628
Q08	<---	GAP1	.733
Q17	<---	GAP2	.711
Q18	<---	GAP2	.783
Q21	<---	GAP2	.669
Q28	<---	GAP3	.541
Q29	<---	GAP3	.767
Q30	<---	GAP3	.504
Q32	<---	PD	.567
Q40	<---	UA	.546
Q42	<---	UA	.564
Q44	<---	UA	.427
Q36	<---	PD	.582
Q37	<---	PD	.555
Q38	<---	UA	.467
WH	<---	SDP	.921
WF	<---	SDP	.980
WNP	<---	SDP	.976
WP	<---	SDP	.968
WCP	<---	SDP	.972
WE	<---	SDP	.980
WMD	<---	SDP	.976
WCD	<---	SDP	.978
WSB	<---	SDP	.937
WCS	<---	SDP	.943
WOI	<---	SDP	.978
WCF	<---	SDP	.970

Variances: (Ku - Unconstrained)

	Estimate	S.E.	C.R.	P	Label
PD	.574	.076	7.511	***	vvv1_2
UA	.247	.036	6.785	***	vvv2_2
e83	.685	.109	6.268	***	vv1_1
e81	.302	.051	5.890	***	vv2_1
e82	.352	.061	5.760	***	vv3_1
e80	.685	.109	6.268	***	vv1_1
e01	1.041	.073	14.287	***	v1_2
e02	.757	.058	12.996	***	v2_2
e03	.685	.055	12.518	***	v3_2
e04	.741	.059	12.593	***	v4_2
e05	.888	.062	14.251	***	v5_2
e06	.827	.060	13.730	***	v6_2
e07	.721	.056	12.949	***	v7_2
e08	.793	.056	14.030	***	v8_2
e09	.871	.077	11.341	***	v9_2
e10	.886	.064	13.821	***	v10_2
e11	.644	.064	10.042	***	v11_2
e12	.922	.066	14.055	***	v12_2
e13	.865	.067	12.862	***	v13_2
e14	.879	.074	11.844	***	v14_2

	Estimate	S.E.	C.R.	P	Label
e16	.754	.060	12.622	***	v15_2
e17	.886	.066	13.330	***	v16_2
e18	.969	.078	12.373	***	v17_2
e19	1.021	.085	12.060	***	v18_2
e20	1.118	.086	13.072	***	v19_2
e15	.944	.077	12.224	***	v20_2
e21	1.677	.113	14.814	***	v21_2
e22	.280	.021	13.372	***	v22_2
e23	.355	.026	13.605	***	v23_2
e24	.332	.024	13.965	***	v24_2
e25	.402	.029	13.800	***	v25_2
e26	.171	.013	13.285	***	v26_2
e27	.444	.032	13.960	***	v27_2
e28	.312	.023	13.602	***	v28_2
e29	.083	.006	13.718	***	v29_2
e30	.182	.013	13.531	***	v30_2
e31	.251	.017	14.712	***	v31_2
e32	.338	.023	14.581	***	v32_2

Squared Multiple Correlations: (Ku - Unconstrained)

	Estimate
GAP3	.220
GAP2	.368
GAP1	.299
SDP	.348
WCS	.889
WSB	.877
WCD	.956
WMD	.952
WOI	.956
WCF	.941
WE	.961
WCP	.946
WP	.938
WNP	.953
WF	.960
WH	.848
Q36	.339
Q44	.182
Q42	.318
Q40	.298
Q38	.218
Q37	.308
Q33	.395
Q32	.321
Q30	.254
Q29	.588
Q28	.293
Q23	.502
Q21	.448
Q18	.613
Q17	.505
Q13	.386
Q08	.537
Q05	.539
Q04	.499
Q01	.292

Matrices (Ku - Unconstrained)

Total Effects (Ku - Unconstrained)

	UA	PD	GAP3	GAP2	GAP1	SDP

	UA	PD	GAP3	GAP2	GAP1	SDP
GAP3	.614	-.416	.000	.000	.000	.000
GAP2	.196	-.584	.000	.000	.000	.000
GAP1	.111	-.467	.000	.000	.000	.000
SDP	.638	-.198	-.287	.726	.012	.000
WCS	1.022	-.318	-.460	1.163	.019	1.602
WSB	.834	-.259	-.375	.949	.015	1.307
WCD	1.244	-.387	-.560	1.417	.023	1.951
WMD	.797	-.248	-.359	.907	.015	1.250
WOI	1.616	-.503	-.727	1.840	.030	2.535
WCF	1.661	-.516	-.747	1.891	.030	2.604
WE	1.278	-.397	-.575	1.455	.023	2.004
WCP	1.646	-.512	-.741	1.874	.030	2.582
WP	1.391	-.433	-.626	1.584	.026	2.181
WNP	1.677	-.522	-.755	1.910	.031	2.630
WF	1.620	-.504	-.729	1.844	.030	2.540
WH	1.907	-.593	-.858	2.171	.035	2.991
Q36	.000	.918	.000	.000	.000	.000
Q44	1.004	.000	.000	.000	.000	.000
Q42	1.387	.000	.000	.000	.000	.000
Q40	1.291	.000	.000	.000	.000	.000
Q38	1.000	.000	.000	.000	.000	.000
Q37	.000	.764	.000	.000	.000	.000
Q33	.000	1.000	.000	.000	.000	.000
Q32	.000	.844	.000	.000	.000	.000
Q30	.367	-.249	.598	.000	.000	.000
Q29	.629	-.426	1.024	.000	.000	.000
Q28	.397	-.269	.646	.000	.000	.000
Q23	.614	-.416	1.000	.000	.000	.000
Q21	.211	-.627	.000	1.074	.000	.000
Q18	.280	-.835	.000	1.430	.000	.000
Q17	.241	-.719	.000	1.231	.000	.000
Q13	.196	-.584	.000	1.000	.000	.000
Q08	.156	-.661	.000	.000	1.414	.000
Q05	.151	-.638	.000	.000	1.366	.000
Q04	.146	-.619	.000	.000	1.324	.000
Q01	.111	-.467	.000	.000	1.000	.000

Standardized Total Effects (Ku - Unconstrained)

	UA	PD	GAP3	GAP2	GAP1	SDP
GAP3	.326	-.337	.000	.000	.000	.000
GAP2	.131	-.593	.000	.000	.000	.000
GAP1	.084	-.540	.000	.000	.000	.000
SDP	.309	-.147	-.262	.529	.007	.000
WCS	.292	-.138	-.247	.499	.007	.943
WSB	.290	-.137	-.246	.495	.007	.937
WCD	.303	-.143	-.257	.517	.007	.978
WMD	.302	-.143	-.256	.516	.007	.976
WOI	.303	-.143	-.257	.517	.007	.978
WCF	.300	-.142	-.255	.513	.007	.970
WE	.303	-.144	-.257	.519	.007	.980
WCP	.301	-.143	-.255	.514	.007	.972
WP	.300	-.142	-.254	.512	.007	.968
WNP	.302	-.143	-.256	.517	.007	.976
WF	.303	-.144	-.257	.518	.007	.980
WH	.285	-.135	-.242	.487	.007	.921
Q36	.000	.582	.000	.000	.000	.000
Q44	.427	.000	.000	.000	.000	.000
Q42	.564	.000	.000	.000	.000	.000
Q40	.546	.000	.000	.000	.000	.000
Q38	.467	.000	.000	.000	.000	.000

	UA	PD	GAP3	GAP2	GAP1	SDP
Q37	.000	.555	.000	.000	.000	.000
Q33	.000	.628	.000	.000	.000	.000
Q32	.000	.567	.000	.000	.000	.000
Q30	.164	-.170	.504	.000	.000	.000
Q29	.250	-.258	.767	.000	.000	.000
Q28	.176	-.182	.541	.000	.000	.000
Q23	.231	-.239	.708	.000	.000	.000
Q21	.087	-.397	.000	.669	.000	.000
Q18	.102	-.464	.000	.783	.000	.000
Q17	.093	-.421	.000	.711	.000	.000
Q13	.081	-.368	.000	.621	.000	.000
Q08	.061	-.396	.000	.000	.733	.000
Q05	.062	-.397	.000	.000	.734	.000
Q04	.059	-.381	.000	.000	.706	.000
Q01	.045	-.292	.000	.000	.541	.000

Direct Effects (Ku - Unconstrained)

	UA	PD	GAP3	GAP2	GAP1	SDP
GAP3	.614	-.416	.000	.000	.000	.000
GAP2	.196	-.584	.000	.000	.000	.000
GAP1	.111	-.467	.000	.000	.000	.000
SDP	.670	.112	-.287	.726	.012	.000
WCS	.000	.000	.000	.000	.000	1.602
WSB	.000	.000	.000	.000	.000	1.307
WCD	.000	.000	.000	.000	.000	1.951
WMD	.000	.000	.000	.000	.000	1.250
WOI	.000	.000	.000	.000	.000	2.535
WCF	.000	.000	.000	.000	.000	2.604
WE	.000	.000	.000	.000	.000	2.004
WCP	.000	.000	.000	.000	.000	2.582
WP	.000	.000	.000	.000	.000	2.181
WNP	.000	.000	.000	.000	.000	2.630
WF	.000	.000	.000	.000	.000	2.540
WH	.000	.000	.000	.000	.000	2.991
Q36	.000	.918	.000	.000	.000	.000
Q44	1.004	.000	.000	.000	.000	.000
Q42	1.387	.000	.000	.000	.000	.000
Q40	1.291	.000	.000	.000	.000	.000
Q38	1.000	.000	.000	.000	.000	.000
Q37	.000	.764	.000	.000	.000	.000
Q33	.000	1.000	.000	.000	.000	.000
Q32	.000	.844	.000	.000	.000	.000
Q30	.000	.000	.598	.000	.000	.000
Q29	.000	.000	1.024	.000	.000	.000
Q28	.000	.000	.646	.000	.000	.000
Q23	.000	.000	1.000	.000	.000	.000
Q21	.000	.000	.000	1.074	.000	.000
Q18	.000	.000	.000	1.430	.000	.000
Q17	.000	.000	.000	1.231	.000	.000
Q13	.000	.000	.000	1.000	.000	.000
Q08	.000	.000	.000	.000	1.414	.000
Q05	.000	.000	.000	.000	1.366	.000
Q04	.000	.000	.000	.000	1.324	.000
Q01	.000	.000	.000	.000	1.000	.000

Standardized Direct Effects (Ku - Unconstrained)

	UA	PD	GAP3	GAP2	GAP1	SDP
GAP3	.326	-.337	.000	.000	.000	.000
GAP2	.131	-.593	.000	.000	.000	.000
GAP1	.084	-.540	.000	.000	.000	.000
SDP	.325	.083	-.262	.529	.007	.000

	UA	PD	GAP3	GAP2	GAP1	SDP
WCS	.000	.000	.000	.000	.000	.943
WSB	.000	.000	.000	.000	.000	.937
WCD	.000	.000	.000	.000	.000	.978
WMD	.000	.000	.000	.000	.000	.976
WOI	.000	.000	.000	.000	.000	.978
WCF	.000	.000	.000	.000	.000	.970
WE	.000	.000	.000	.000	.000	.980
WCP	.000	.000	.000	.000	.000	.972
WP	.000	.000	.000	.000	.000	.968
WNP	.000	.000	.000	.000	.000	.976
WF	.000	.000	.000	.000	.000	.980
WH	.000	.000	.000	.000	.000	.921
Q36	.000	.582	.000	.000	.000	.000
Q44	.427	.000	.000	.000	.000	.000
Q42	.564	.000	.000	.000	.000	.000
Q40	.546	.000	.000	.000	.000	.000
Q38	.467	.000	.000	.000	.000	.000
Q37	.000	.555	.000	.000	.000	.000
Q33	.000	.628	.000	.000	.000	.000
Q32	.000	.567	.000	.000	.000	.000
Q30	.000	.000	.504	.000	.000	.000
Q29	.000	.000	.767	.000	.000	.000
Q28	.000	.000	.541	.000	.000	.000
Q23	.000	.000	.708	.000	.000	.000
Q21	.000	.000	.000	.669	.000	.000
Q18	.000	.000	.000	.783	.000	.000
Q17	.000	.000	.000	.711	.000	.000
Q13	.000	.000	.000	.621	.000	.000
Q08	.000	.000	.000	.000	.733	.000
Q05	.000	.000	.000	.000	.734	.000
Q04	.000	.000	.000	.000	.706	.000
Q01	.000	.000	.000	.000	.541	.000

Indirect Effects (Ku - Unconstrained)

	UA	PD	GAP3	GAP2	GAP1	SDP
GAP3	.000	.000	.000	.000	.000	.000
GAP2	.000	.000	.000	.000	.000	.000
GAP1	.000	.000	.000	.000	.000	.000
SDP	-.033	-.310	.000	.000	.000	.000
WCS	1.022	-.318	-.460	1.163	.019	.000
WSB	.834	-.259	-.375	.949	.015	.000
WCD	1.244	-.387	-.560	1.417	.023	.000
WMD	.797	-.248	-.359	.907	.015	.000
WOI	1.616	-.503	-.727	1.840	.030	.000
WCF	1.661	-.516	-.747	1.891	.030	.000
WE	1.278	-.397	-.575	1.455	.023	.000
WCP	1.646	-.512	-.741	1.874	.030	.000
WP	1.391	-.433	-.626	1.584	.026	.000
WNP	1.677	-.522	-.755	1.910	.031	.000
WF	1.620	-.504	-.729	1.844	.030	.000
WH	1.907	-.593	-.858	2.171	.035	.000
Q36	.000	.000	.000	.000	.000	.000
Q44	.000	.000	.000	.000	.000	.000
Q42	.000	.000	.000	.000	.000	.000
Q40	.000	.000	.000	.000	.000	.000
Q38	.000	.000	.000	.000	.000	.000
Q37	.000	.000	.000	.000	.000	.000
Q33	.000	.000	.000	.000	.000	.000
Q32	.000	.000	.000	.000	.000	.000
Q30	.367	-.249	.000	.000	.000	.000

	UA	PD	GAP3	GAP2	GAP1	SDP
Q29	.629	-.426	.000	.000	.000	.000
Q28	.397	-.269	.000	.000	.000	.000
Q23	.614	-.416	.000	.000	.000	.000
Q21	.211	-.627	.000	.000	.000	.000
Q18	.280	-.835	.000	.000	.000	.000
Q17	.241	-.719	.000	.000	.000	.000
Q13	.196	-.584	.000	.000	.000	.000
Q08	.156	-.661	.000	.000	.000	.000
Q05	.151	-.638	.000	.000	.000	.000
Q04	.146	-.619	.000	.000	.000	.000
Q01	.111	-.467	.000	.000	.000	.000

Standardized Indirect Effects (Ku - Unconstrained)

	UA	PD	GAP3	GAP2	GAP1	SDP
GAP3	.000	.000	.000	.000	.000	.000
GAP2	.000	.000	.000	.000	.000	.000
GAP1	.000	.000	.000	.000	.000	.000
SDP	-.016	-.229	.000	.000	.000	.000
WCS	.292	-.138	-.247	.499	.007	.000
WSB	.290	-.137	-.246	.495	.007	.000
WCD	.303	-.143	-.257	.517	.007	.000
WMD	.302	-.143	-.256	.516	.007	.000
WOI	.303	-.143	-.257	.517	.007	.000
WCF	.300	-.142	-.255	.513	.007	.000
WE	.303	-.144	-.257	.519	.007	.000
WCP	.301	-.143	-.255	.514	.007	.000
WP	.300	-.142	-.254	.512	.007	.000
WNP	.302	-.143	-.256	.517	.007	.000
WF	.303	-.144	-.257	.518	.007	.000
WH	.285	-.135	-.242	.487	.007	.000
Q36	.000	.000	.000	.000	.000	.000
Q44	.000	.000	.000	.000	.000	.000
Q42	.000	.000	.000	.000	.000	.000
Q40	.000	.000	.000	.000	.000	.000
Q38	.000	.000	.000	.000	.000	.000
Q37	.000	.000	.000	.000	.000	.000
Q33	.000	.000	.000	.000	.000	.000
Q32	.000	.000	.000	.000	.000	.000
Q30	.164	-.170	.000	.000	.000	.000
Q29	.250	-.258	.000	.000	.000	.000
Q28	.176	-.182	.000	.000	.000	.000
Q23	.231	-.239	.000	.000	.000	.000
Q21	.087	-.397	.000	.000	.000	.000
Q18	.102	-.464	.000	.000	.000	.000
Q17	.093	-.421	.000	.000	.000	.000
Q13	.081	-.368	.000	.000	.000	.000
Q08	.061	-.396	.000	.000	.000	.000
Q05	.062	-.397	.000	.000	.000	.000
Q04	.059	-.381	.000	.000	.000	.000
Q01	.045	-.292	.000	.000	.000	.000

Modification Indices (Ku - Unconstrained)

Covariances: (Ku - Unconstrained)

Variances: (Ku - Unconstrained)

	M.I.	Par Change
UA	4.242	.076
PD	15.982	.289
e30	5.384	-.044
e24	4.352	-.070
e14	8.615	-.289
e13	6.056	-.226

Regression Weights: (Ku - Unconstrained)

EG (EG - Unconstrained)
Estimates (EG - Unconstrained)
Scalar Estimates (EG - Unconstrained)
Maximum Likelihood Estimates
Regression Weights: (EG - Unconstrained)

			Estimate	S.E.	C.R.	P	Label
GAP3	<---	PD	-.210	.089	-2.360	.018	b6_2
GAP1	<---	PD	.254	.043	5.867	***	b7_2
GAP2	<---	PD	.186	.041	4.586	***	b8_2
GAP3	<---	UA	-.157	.146	-1.073	.283	b9_2
GAP1	<---	UA	-.225	.069	-3.270	.001	b10_2
GAP2	<---	UA	-.166	.066	-2.519	.012	b11_2
SDP	<---	GAP1	1.284	2.653	.484	.628	b2_2
SDP	<---	GAP3	-.568	.245	-2.319	.020	b3_2
SDP	<---	UA	16.542	23.563	.702	.483	b4_2
SDP	<---	PD	-17.172	27.071	-.634	.526	b5_2
SDP	<---	GAP2	91.451	143.599	.637	.524	b1_2
Q01	<---	GAP1	1.000				
Q05	<---	GAP1	1.366	.077	17.781	***	a1_2
Q04	<---	GAP1	1.324	.067	19.809	***	a2_2
Q13	<---	GAP2	1.000				
Q23	<---	GAP3	1.000				
Q33	<---	PD	1.000				
Q08	<---	GAP1	1.414	.072	19.756	***	a3_2
Q17	<---	GAP2	1.231	.063	19.631	***	a4_2
Q18	<---	GAP2	1.430	.072	19.770	***	a5_2
Q21	<---	GAP2	1.074	.054	19.856	***	a6_2
Q28	<---	GAP3	.646	.033	19.701	***	a7_2
Q29	<---	GAP3	1.024	.051	19.897	***	a8_2
Q30	<---	GAP3	.598	.033	18.147	***	a9_2
Q32	<---	PD	.844	.044	19.183	***	a10_2
Q40	<---	UA	1.291	.066	19.700	***	a11_2
Q42	<---	UA	1.387	.071	19.545	***	a12_2
Q44	<---	UA	1.004	.153	6.563	***	a13_2
Q36	<---	PD	.918	.094	9.757	***	a14_2
Q37	<---	PD	.764	.081	9.403	***	a15_2
Q38	<---	UA	1.000				
WH	<---	SDP	1.366	.077	17.781	***	a1_2
WF	<---	SDP	1.324	.067	19.809	***	a2_2
WNP	<---	SDP	1.414	.072	19.756	***	a3_2
WP	<---	SDP	1.231	.063	19.631	***	a4_2
WCP	<---	SDP	1.430	.072	19.770	***	a5_2
WE	<---	SDP	1.074	.054	19.856	***	a6_2
WMD	<---	SDP	.646	.033	19.701	***	a7_2
WCD	<---	SDP	1.024	.051	19.897	***	a8_2
WSB	<---	SDP	.598	.033	18.147	***	a9_2
WCS	<---	SDP	.844	.044	19.183	***	a10_2
WOI	<---	SDP	1.291	.066	19.700	***	a11_2
WCF	<---	SDP	1.387	.071	19.545	***	a12_2

Standardized Regression Weights: (EG - Unconstrained)

			Estimate
GAP3	<---	PD	-.230
GAP1	<---	PD	.727
GAP2	<---	PD	.858
GAP3	<---	UA	-.113
GAP1	<---	UA	-.421
GAP2	<---	UA	-.501
SDP	<---	GAP1	.172
SDP	<---	GAP3	-.199
SDP	<---	UA	4.165
SDP	<---	PD	-6.588

			Estimate
SDP	<---	GAP2	7.619
Q01	<---	GAP1	.251
Q05	<---	GAP1	.401
Q04	<---	GAP1	.374
Q13	<---	GAP2	.172
Q23	<---	GAP3	.595
Q33	<---	PD	.628
Q08	<---	GAP1	.399
Q17	<---	GAP2	.217
Q18	<---	GAP2	.267
Q21	<---	GAP2	.195
Q28	<---	GAP3	.428
Q29	<---	GAP3	.661
Q30	<---	GAP3	.395
Q32	<---	PD	.567
Q40	<---	UA	.546
Q42	<---	UA	.564
Q44	<---	UA	.427
Q36	<---	PD	.582
Q37	<---	PD	.555
Q38	<---	UA	.467
WH	<---	SDP	.901
WF	<---	SDP	.980
WNP	<---	SDP	.978
WP	<---	SDP	.973
WCP	<---	SDP	.976
WE	<---	SDP	.982
WMD	<---	SDP	.975
WCD	<---	SDP	.978
WSB	<---	SDP	.920
WCS	<---	SDP	.944
WOI	<---	SDP	.977
WCF	<---	SDP	.972

Variances: (EG - Unconstrained)

	Estimate	S.E.	C.R.	P	Label
PD	.574	.076	7.511	***	vvv1_2
UA	.247	.036	6.785	***	vvv2_2
e83	.445	.076	5.876	***	vv1_2
e81	.021	.016	1.313	.189	vv2_2
e82	.000	.001	.320	.749	vv3_2
e80	.445	.076	5.876	***	vv1_2
e01	1.041	.073	14.287	***	v1_2
e02	.757	.058	12.996	***	v2_2
e03	.685	.055	12.518	***	v3_2
e04	.741	.059	12.593	***	v4_2
e05	.888	.062	14.251	***	v5_2
e06	.827	.060	13.730	***	v6_2
e07	.721	.056	12.949	***	v7_2
e08	.793	.056	14.030	***	v8_2
e09	.871	.077	11.341	***	v9_2
e10	.886	.064	13.821	***	v10_2
e11	.644	.064	10.042	***	v11_2
e12	.922	.066	14.055	***	v12_2
e13	.865	.067	12.862	***	v13_2
e14	.879	.074	11.844	***	v14_2
e16	.754	.060	12.622	***	v15_2
e17	.886	.066	13.330	***	v16_2
e18	.969	.078	12.373	***	v17_2
e19	1.021	.085	12.060	***	v18_2

	Estimate	S.E.	C.R.	P	Label
e20	1.118	.086	13.072	***	v19_2
e15	.944	.077	12.224	***	v20_2
e21	1.677	.113	14.814	***	v21_2
e22	.280	.021	13.372	***	v22_2
e23	.355	.026	13.605	***	v23_2
e24	.332	.024	13.965	***	v24_2
e25	.402	.029	13.800	***	v25_2
e26	.171	.013	13.285	***	v26_2
e27	.444	.032	13.960	***	v27_2
e28	.312	.023	13.602	***	v28_2
e29	.083	.006	13.718	***	v29_2
e30	.182	.013	13.531	***	v30_2
e31	.251	.017	14.712	***	v31_2
e32	.338	.023	14.581	***	v32_2

Squared Multiple Correlations: (EG - Unconstrained)

	Estimate
GAP3	.066
GAP2	.987
GAP1	.707
SDP	.886
WCS	.892
WSB	.847
WCD	.957
WMD	.952
WOI	.954
WCF	.944
WE	.963
WCP	.952
WP	.947
WNP	.956
WF	.961
WH	.813
Q36	.339
Q44	.182
Q42	.318
Q40	.298
Q38	.218
Q37	.308
Q33	.395
Q32	.321
Q30	.156
Q29	.437
Q28	.183
Q23	.354
Q21	.038
Q18	.071
Q17	.047
Q13	.030
Q08	.159
Q05	.161
Q04	.140
Q01	.063

Matrices (EG - Unconstrained)

Total Effects (EG - Unconstrained)

	UA	PD	GAP3	GAP2	GAP1	SDP
GAP3	-.157	-.210	.000	.000	.000	.000
GAP2	-.166	.186	.000	.000	.000	.000
GAP1	-.225	.254	.000	.000	.000	.000
SDP	1.172	.311	-.568	91.451	1.284	.000

	UA	PD	GAP3	GAP2	GAP1	SDP
WCS	.989	.262	-.480	77.206	1.084	.844
WSB	.701	.186	-.340	54.670	.768	.598
WCD	1.200	.318	-.582	93.645	1.315	1.024
WMD	.757	.201	-.367	59.101	.830	.646
WOI	1.513	.401	-.734	118.052	1.658	1.291
WCF	1.625	.431	-.788	126.830	1.781	1.387
WE	1.258	.334	-.610	98.187	1.379	1.074
WCP	1.676	.444	-.812	130.746	1.836	1.430
WP	1.443	.383	-.699	112.577	1.581	1.231
WNP	1.657	.440	-.804	129.324	1.816	1.414
WF	1.552	.412	-.752	121.103	1.701	1.324
WH	1.601	.425	-.776	124.898	1.754	1.366
Q36	.000	.918	.000	.000	.000	.000
Q44	1.004	.000	.000	.000	.000	.000
Q42	1.387	.000	.000	.000	.000	.000
Q40	1.291	.000	.000	.000	.000	.000
Q38	1.000	.000	.000	.000	.000	.000
Q37	.000	.764	.000	.000	.000	.000
Q33	.000	1.000	.000	.000	.000	.000
Q32	.000	.844	.000	.000	.000	.000
Q30	-.094	-.125	.598	.000	.000	.000
Q29	-.161	-.215	1.024	.000	.000	.000
Q28	-.101	-.135	.646	.000	.000	.000
Q23	-.157	-.210	1.000	.000	.000	.000
Q21	-.178	.200	.000	1.074	.000	.000
Q18	-.237	.266	.000	1.430	.000	.000
Q17	-.204	.229	.000	1.231	.000	.000
Q13	-.166	.186	.000	1.000	.000	.000
Q08	-.318	.360	.000	.000	1.414	.000
Q05	-.307	.348	.000	.000	1.366	.000
Q04	-.297	.337	.000	.000	1.324	.000
Q01	-.225	.254	.000	.000	1.000	.000

Standardized Total Effects (EG - Unconstrained)

	UA	PD	GAP3	GAP2	GAP1	SDP
GAP3	-.113	-.230	.000	.000	.000	.000
GAP2	-.501	.858	.000	.000	.000	.000
GAP1	-.421	.727	.000	.000	.000	.000
SDP	.295	.119	-.199	7.619	.172	.000
WCS	.279	.113	-.188	7.195	.163	.944
WSB	.272	.110	-.183	7.013	.159	.920
WCD	.289	.117	-.194	7.455	.169	.978
WMD	.288	.116	-.194	7.432	.168	.975
WOI	.288	.117	-.194	7.443	.168	.977
WCF	.287	.116	-.193	7.403	.167	.972
WE	.290	.117	-.195	7.478	.169	.982
WCP	.288	.116	-.194	7.434	.168	.976
WP	.287	.116	-.193	7.414	.168	.973
WNP	.289	.117	-.194	7.451	.169	.978
WF	.289	.117	-.195	7.468	.169	.980
WH	.266	.108	-.179	6.868	.155	.901
Q36	.000	.582	.000	.000	.000	.000
Q44	.427	.000	.000	.000	.000	.000
Q42	.564	.000	.000	.000	.000	.000
Q40	.546	.000	.000	.000	.000	.000
Q38	.467	.000	.000	.000	.000	.000
Q37	.000	.555	.000	.000	.000	.000
Q33	.000	.628	.000	.000	.000	.000
Q32	.000	.567	.000	.000	.000	.000
Q30	-.045	-.091	.395	.000	.000	.000

	UA	PD	GAP3	GAP2	GAP1	SDP
Q29	-.075	-.152	.661	.000	.000	.000
Q28	-.048	-.098	.428	.000	.000	.000
Q23	-.067	-.137	.595	.000	.000	.000
Q21	-.098	.167	.000	.195	.000	.000
Q18	-.134	.229	.000	.267	.000	.000
Q17	-.109	.186	.000	.217	.000	.000
Q13	-.086	.148	.000	.172	.000	.000
Q08	-.168	.290	.000	.000	.399	.000
Q05	-.169	.291	.000	.000	.401	.000
Q04	-.158	.272	.000	.000	.374	.000
Q01	-.106	.183	.000	.000	.251	.000

Direct Effects (EG - Unconstrained)

	UA	PD	GAP3	GAP2	GAP1	SDP
GAP3	-.157	-.210	.000	.000	.000	.000
GAP2	-.166	.186	.000	.000	.000	.000
GAP1	-.225	.254	.000	.000	.000	.000
SDP	16.542	-17.172	-.568	91.451	1.284	.000
WCS	.000	.000	.000	.000	.000	.844
WSB	.000	.000	.000	.000	.000	.598
WCD	.000	.000	.000	.000	.000	1.024
WMD	.000	.000	.000	.000	.000	.646
WOI	.000	.000	.000	.000	.000	1.291
WCF	.000	.000	.000	.000	.000	1.387
WE	.000	.000	.000	.000	.000	1.074
WCP	.000	.000	.000	.000	.000	1.430
WP	.000	.000	.000	.000	.000	1.231
WNP	.000	.000	.000	.000	.000	1.414
WF	.000	.000	.000	.000	.000	1.324
WH	.000	.000	.000	.000	.000	1.366
Q36	.000	.918	.000	.000	.000	.000
Q44	1.004	.000	.000	.000	.000	.000
Q42	1.387	.000	.000	.000	.000	.000
Q40	1.291	.000	.000	.000	.000	.000
Q38	1.000	.000	.000	.000	.000	.000
Q37	.000	.764	.000	.000	.000	.000
Q33	.000	1.000	.000	.000	.000	.000
Q32	.000	.844	.000	.000	.000	.000
Q30	.000	.000	.598	.000	.000	.000
Q29	.000	.000	1.024	.000	.000	.000
Q28	.000	.000	.646	.000	.000	.000
Q23	.000	.000	1.000	.000	.000	.000
Q21	.000	.000	.000	1.074	.000	.000
Q18	.000	.000	.000	1.430	.000	.000
Q17	.000	.000	.000	1.231	.000	.000
Q13	.000	.000	.000	1.000	.000	.000
Q08	.000	.000	.000	.000	1.414	.000
Q05	.000	.000	.000	.000	1.366	.000
Q04	.000	.000	.000	.000	1.324	.000
Q01	.000	.000	.000	.000	1.000	.000

Standardized Direct Effects (EG - Unconstrained)

	UA	PD	GAP3	GAP2	GAP1	SDP
GAP3	-.113	-.230	.000	.000	.000	.000
GAP2	-.501	.858	.000	.000	.000	.000
GAP1	-.421	.727	.000	.000	.000	.000
SDP	4.165	-6.588	-.199	7.619	.172	.000
WCS	.000	.000	.000	.000	.000	.944
WSB	.000	.000	.000	.000	.000	.920
WCD	.000	.000	.000	.000	.000	.978
WMD	.000	.000	.000	.000	.000	.975

	UA	PD	GAP3	GAP2	GAP1	SDP
WOI	.000	.000	.000	.000	.000	.977
WCF	.000	.000	.000	.000	.000	.972
WE	.000	.000	.000	.000	.000	.982
WCP	.000	.000	.000	.000	.000	.976
WP	.000	.000	.000	.000	.000	.973
WNP	.000	.000	.000	.000	.000	.978
WF	.000	.000	.000	.000	.000	.980
WH	.000	.000	.000	.000	.000	.901
Q36	.000	.582	.000	.000	.000	.000
Q44	.427	.000	.000	.000	.000	.000
Q42	.564	.000	.000	.000	.000	.000
Q40	.546	.000	.000	.000	.000	.000
Q38	.467	.000	.000	.000	.000	.000
Q37	.000	.555	.000	.000	.000	.000
Q33	.000	.628	.000	.000	.000	.000
Q32	.000	.567	.000	.000	.000	.000
Q30	.000	.000	.395	.000	.000	.000
Q29	.000	.000	.661	.000	.000	.000
Q28	.000	.000	.428	.000	.000	.000
Q23	.000	.000	.595	.000	.000	.000
Q21	.000	.000	.000	.195	.000	.000
Q18	.000	.000	.000	.267	.000	.000
Q17	.000	.000	.000	.217	.000	.000
Q13	.000	.000	.000	.172	.000	.000
Q08	.000	.000	.000	.000	.399	.000
Q05	.000	.000	.000	.000	.401	.000
Q04	.000	.000	.000	.000	.374	.000
Q01	.000	.000	.000	.000	.251	.000

Indirect Effects (EG - Unconstrained)

	UA	PD	GAP3	GAP2	GAP1	SDP
GAP3	.000	.000	.000	.000	.000	.000
GAP2	.000	.000	.000	.000	.000	.000
GAP1	.000	.000	.000	.000	.000	.000
SDP	-15.370	17.483	.000	.000	.000	.000
WCS	.989	.262	-.480	77.206	1.084	.000
WSB	.701	.186	-.340	54.670	.768	.000
WCD	1.200	.318	-.582	93.645	1.315	.000
WMD	.757	.201	-.367	59.101	.830	.000
WOI	1.513	.401	-.734	118.052	1.658	.000
WCF	1.625	.431	-.788	126.830	1.781	.000
WE	1.258	.334	-.610	98.187	1.379	.000
WCP	1.676	.444	-.812	130.746	1.836	.000
WP	1.443	.383	-.699	112.577	1.581	.000
WNP	1.657	.440	-.804	129.324	1.816	.000
WF	1.552	.412	-.752	121.103	1.701	.000
WH	1.601	.425	-.776	124.898	1.754	.000
Q36	.000	.000	.000	.000	.000	.000
Q44	.000	.000	.000	.000	.000	.000
Q42	.000	.000	.000	.000	.000	.000
Q40	.000	.000	.000	.000	.000	.000
Q38	.000	.000	.000	.000	.000	.000
Q37	.000	.000	.000	.000	.000	.000
Q33	.000	.000	.000	.000	.000	.000
Q32	.000	.000	.000	.000	.000	.000
Q30	-.094	-.125	.000	.000	.000	.000
Q29	-.161	-.215	.000	.000	.000	.000
Q28	-.101	-.135	.000	.000	.000	.000
Q23	-.157	-.210	.000	.000	.000	.000
Q21	-.178	.200	.000	.000	.000	.000

	UA	PD	GAP3	GAP2	GAP1	SDP
Q18	-.237	.266	.000	.000	.000	.000
Q17	-.204	.229	.000	.000	.000	.000
Q13	-.166	.186	.000	.000	.000	.000
Q08	-.318	.360	.000	.000	.000	.000
Q05	-.307	.348	.000	.000	.000	.000
Q04	-.297	.337	.000	.000	.000	.000
Q01	-.225	.254	.000	.000	.000	.000

Standardized Indirect Effects (EG - Unconstrained)

	UA	PD	GAP3	GAP2	GAP1	SDP
GAP3	.000	.000	.000	.000	.000	.000
GAP2	.000	.000	.000	.000	.000	.000
GAP1	.000	.000	.000	.000	.000	.000
SDP	-3.870	6.707	.000	.000	.000	.000
WCS	.279	.113	-.188	7.195	.163	.000
WSB	.272	.110	-.183	7.013	.159	.000
WCD	.289	.117	-.194	7.455	.169	.000
WMD	.288	.116	-.194	7.432	.168	.000
WOI	.288	.117	-.194	7.443	.168	.000
WCF	.287	.116	-.193	7.403	.167	.000
WE	.290	.117	-.195	7.478	.169	.000
WCP	.288	.116	-.194	7.434	.168	.000
WP	.287	.116	-.193	7.414	.168	.000
WNP	.289	.117	-.194	7.451	.169	.000
WF	.289	.117	-.195	7.468	.169	.000
WH	.266	.108	-.179	6.868	.155	.000
Q36	.000	.000	.000	.000	.000	.000
Q44	.000	.000	.000	.000	.000	.000
Q42	.000	.000	.000	.000	.000	.000
Q40	.000	.000	.000	.000	.000	.000
Q38	.000	.000	.000	.000	.000	.000
Q37	.000	.000	.000	.000	.000	.000
Q33	.000	.000	.000	.000	.000	.000
Q32	.000	.000	.000	.000	.000	.000
Q30	-.045	-.091	.000	.000	.000	.000
Q29	-.075	-.152	.000	.000	.000	.000
Q28	-.048	-.098	.000	.000	.000	.000
Q23	-.067	-.137	.000	.000	.000	.000
Q21	-.098	.167	.000	.000	.000	.000
Q18	-.134	.229	.000	.000	.000	.000
Q17	-.109	.186	.000	.000	.000	.000
Q13	-.086	.148	.000	.000	.000	.000
Q08	-.168	.290	.000	.000	.000	.000
Q05	-.169	.291	.000	.000	.000	.000
Q04	-.158	.272	.000	.000	.000	.000
Q01	-.106	.183	.000	.000	.000	.000

A-6 Modified Data DRIVEN Model

Data Driven Model - Modified Model

Analysis Summary
Date and Time
Groups
Group number 1 (Group number 1)
Notes for Group (Group number 1)
The model is recursive.
Sample size = 231
Variable Summary (Ku)
Your model contains the following variables (Ku)
Observed, endogenous variables
Q01
Q04
Q05
Q08
Q13
Q17
Q18
Q21
Q23
Q28
Q29
Q30
Q32
Q33
Q37
Q38
Q40
Q42
Q44
Q36
WH
WF
WNP
WP
WCP
WE
WCF
WOI
WMD
WCD
WSB
WCS
Unobserved, endogenous variables
GAP1
GAP2
GAP3
SDP
Unobserved, exogenous variables
e01
e02
e03
e04
e05
e06
e07
e08
e09
e10
e11
e12
e13
e14
PD
e16
e17
e18

e19
e20
UA
e15
e21
e22
e23
e24
e25
e26
e27
e28
e29
e30
e31
e32
e80
e83
e81
e82

Variable counts (Ku)

Number of variables in your model: 74

Number of observed variables: 32

Number of unobserved variables: 42

Number of exogenous variables: 38

Number of endogenous variables: 36

Parameter summary (Ku)

	Weights	Covariances	Variances	Means	Intercepts	Total
Fixed	41	0	0	0	0	41
Labeled	46	3	38	0	0	87
Unlabeled	0	0	0	0	0	0
Total	87	3	38	0	0	128

Group number 2 (Group number 2)

Notes for Group (Group number 2)

The model is recursive.

Sample size = 232

Variable Summary (EG)

Your model contains the following variables (EG)

Observed, endogenous variables

Q01
Q04
Q05
Q08
Q13
Q17
Q18
Q21
Q23
Q28
Q29
Q30
Q32
Q33
Q37
Q38
Q40
Q42
Q44
Q36
WH
WF
WNP
WP
WCP
WE
WCF

WOI
WMD
WCD
WSB
WCS
Unobserved, endogenous variables
GAP1
GAP2
GAP3
SDP
Unobserved, exogenous variables
e01
e02
e03
e04
e05
e06
e07
e08
e09
e10
e11
e12
e13
e14
PD
e16
e17
e18
e19
e20
UA
e15
e21
e22
e23
e24
e25
e26
e27
e28
e29
e30
e31
e32
e80
e83
e81
e82

Variable counts (EG)

Number of variables in your model:	74
Number of observed variables:	32
Number of unobserved variables:	42
Number of exogenous variables:	38
Number of endogenous variables:	36

Parameter summary (EG)

	Weights	Covariances	Variances	Means	Intercepts	Total
Fixed	41	0	0	0	0	41
Labeled	46	3	38	0	0	87
Unlabeled	0	0	0	0	0	0
Total	87	3	38	0	0	128

Models

Unconstrained (Unconstrained)

Notes for Model (Unconstrained)

Computation of degrees of freedom (Unconstrained)

Number of distinct sample moments:	1056

Number of distinct parameters to be estimated: 91

Degrees of freedom (1056 - 91): 965

Result (Unconstrained)
Minimum was achieved
Chi-square = 2823.702
Degrees of freedom = 965
Probability level = .000
Ku (Ku - Unconstrained)
Estimates (Ku - Unconstrained)
Scalar Estimates (Ku - Unconstrained)
Maximum Likelihood Estimates
Regression Weights: (Ku - Unconstrained)

			Estimate	S.E.	C.R.	P	Label
GAP1	<---	PD	-.517	.116	-4.452	***	b7_1
GAP1	<---	UA	-.075	.144	-.518	.605	b10_1
GAP2	<---	PD	-.295	.068	-4.370	***	b8_1
GAP2	<---	GAP1	.386	.023	16.972	***	b1_1
GAP3	<---	PD	.675	.041	16.571	***	b6_1
GAP3	<---	GAP2	.386	.023	16.972	***	b1_1
GAP3	<---	GAP1	.386	.023	16.972	***	b1_1
SDP	<---	GAP3	-.196	.073	-2.674	.007	b3_1
SDP	<---	UA	.755	.058	13.121	***	b4_1
SDP	<---	GAP2	.386	.023	16.972	***	b1_1
SDP	<---	GAP1	.386	.023	16.972	***	b1_1
SDP	<---	PD	.386	.023	16.972	***	b1_1
WSB	<---	SDP	1.127	.096	11.789	***	a9_1
WE	<---	SDP	1.340	.114	11.767	***	a6_1
WOI	<---	SDP	1.382	.135	10.228	***	a11_1
WCF	<---	SDP	2.325	.187	12.408	***	a12_1
WOI	<---	WSB	.755	.058	13.121	***	b4_1
WE	<---	WSB	.386	.023	16.972	***	b1_1
Q01	<---	GAP1	1.000				
Q05	<---	GAP1	1.319	.107	12.372	***	a1_2
Q04	<---	GAP1	1.721	.086	19.915	***	a2_2
Q13	<---	GAP2	1.000				
Q23	<---	GAP3	1.000				
Q33	<---	PD	1.000				
Q08	<---	GAP1	.986	.080	12.278	***	a3_2
Q17	<---	GAP2	1.924	.097	19.760	***	a4_2
Q18	<---	GAP2	2.227	.111	19.977	***	a5_2
Q21	<---	GAP2	1.397	.071	19.547	***	a6_2
Q28	<---	GAP3	.718	.039	18.589	***	a7_2
Q29	<---	GAP3	.492	.044	11.126	***	a8_2
Q30	<---	GAP3	.842	.045	18.572	***	a9_2
Q32	<---	PD	1.306	.070	18.626	***	a10_2
Q40	<---	UA	1.365	.083	16.504	***	a11_2
Q42	<---	UA	2.142	.109	19.662	***	a12_2
Q44	<---	UA	1.068	.179	5.976	***	a13_2
Q36	<---	PD	1.456	.159	9.152	***	a14_2
Q37	<---	PD	1.136	.132	8.623	***	a15_2
Q38	<---	UA	1.000				
WH	<---	SDP	2.128	.337	6.308	***	a1_1
WF	<---	SDP	1.815	.151	12.044	***	a2_1
WNP	<---	SDP	.775	.115	6.758	***	a3_1
WP	<---	SDP	1.949	.157	12.418	***	a4_1

			Estimate	S.E.	C.R.	P	Label
WCP	<---	SDP	2.315	.186	12.466	***	a5_1
WMD	<---	SDP	.668	.062	10.759	***	a7_1
WCD	<---	SDP	.746	.102	7.345	***	a8_1
WCS	<---	SDP	1.411	.117	12.034	***	a10_1
WCD	<---	WE	.557	.045	12.423	***	b2_1
WMD	<---	WSB	.386	.023	16.972	***	b1_1
WH	<---	WOI	.207	.125	1.650	.099	b5_1
WNP	<---	WCF	.675	.041	16.571	***	b6_1
WF	<---	WSB	.386	.023	16.972	***	b1_1

Standardized Regression Weights: (Ku - Unconstrained)

			Estimate
GAP1	<---	PD	-.391
GAP1	<---	UA	-.045
GAP2	<---	PD	-.338
GAP2	<---	GAP1	.585
GAP3	<---	PD	.319
GAP3	<---	GAP2	.159
GAP3	<---	GAP1	.241
SDP	<---	GAP3	-.191
SDP	<---	UA	.277
SDP	<---	GAP2	.155
SDP	<---	GAP1	.235
SDP	<---	PD	.177
WSB	<---	SDP	.908
WE	<---	SDP	.731
WOI	<---	SDP	.599
WCF	<---	SDP	.970
WOI	<---	WSB	.406
WE	<---	WSB	.261
Q01	<---	GAP1	.564
Q05	<---	GAP1	.747
Q04	<---	GAP1	.826
Q13	<---	GAP2	.416
Q23	<---	GAP3	.756
Q33	<---	PD	.463
Q08	<---	GAP1	.594
Q17	<---	GAP2	.704
Q18	<---	GAP2	.783
Q21	<---	GAP2	.576
Q28	<---	GAP3	.667
Q29	<---	GAP3	.500
Q30	<---	GAP3	.740
Q32	<---	PD	.592
Q40	<---	UA	.485
Q42	<---	UA	.710
Q44	<---	UA	.377
Q36	<---	PD	.630
Q37	<---	PD	.563
Q38	<---	UA	.392
WH	<---	SDP	.737
WF	<---	SDP	.786
WNP	<---	SDP	.323

			Estimate
WP	<---	SDP	.971
WCP	<---	SDP	.976
WMD	<---	SDP	.584
WCD	<---	SDP	.421
WCS	<---	SDP	.930
WCD	<---	WE	.575
WMD	<---	WSB	.419
WH	<---	WOI	.165
WNP	<---	WCF	.674
WF	<---	WSB	.207

Covariances: (Ku - Unconstrained)

			Estimate	S.E.	C.R.	P	Label
e32	<-->	e26	.072	.020	3.539	***	c1_1
e25	<-->	e27	.232	.028	8.292	***	c3_1
e21	<-->	e31	.561	.055	10.179	***	c4_1

Correlations: (Ku - Unconstrained)

			Estimate
e32	<-->	e26	.247
e25	<-->	e27	.616
e21	<-->	e31	.703

Variances: (Ku - Unconstrained)

	Estimate	S.E.	C.R.	P	Label
PD	.267	.041	6.468	***	vvv1_2
UA	.170	.024	6.981	***	vvv2_2
e81	.396	.061	6.449	***	vv2_1
e82	.079	.017	4.542	***	vv3_1
e83	1.055	.146	7.201	***	vv1_1
e80	1.055	.146	7.201	***	vv1_1
e31	.343	.024	14.425	***	v31_2
e26	.215	.016	13.431	***	v26_2
e27	.429	.034	12.611	***	v27_2
e28	.231	.017	13.549	***	v28_2
e01	1.003	.070	14.242	***	v1_2
e02	.646	.062	10.451	***	v2_2
e03	.646	.053	12.178	***	v3_2
e04	.834	.060	14.010	***	v4_2
e05	.974	.066	14.728	***	v5_2
e06	.765	.059	12.875	***	v6_2
e07	.637	.057	11.164	***	v7_2
e08	.799	.057	14.080	***	v8_2
e09	.899	.089	10.061	***	v9_2
e10	.773	.063	12.356	***	v10_2
e11	.873	.063	13.919	***	v11_2
e12	.704	.066	10.734	***	v12_2
e13	.846	.071	11.934	***	v13_2
e14	.980	.072	13.694	***	v14_2
e16	.745	.062	11.976	***	v15_2
e17	.939	.067	14.105	***	v16_2
e18	1.030	.077	13.305	***	v17_2
e19	.768	.091	8.482	***	v18_2
e20	1.174	.086	13.691	***	v19_2
e15	.861	.081	10.611	***	v20_2

	Estimate	S.E.	C.R.	P	Label
e21	1.858	.137	13.577	***	v21_2
e22	.299	.023	13.158	***	v22_2
e23	.136	.010	13.930	***	v23_2
e24	.288	.023	12.646	***	v24_2
e25	.331	.028	12.019	***	v25_2
e29	.064	.005	13.714	***	v29_2
e30	.096	.007	14.300	***	v30_2
e32	.391	.027	14.245	***	v32_2

Squared Multiple Correlations: (Ku - Unconstrained)

	Estimate
GAP1	.155
GAP2	.611
GAP3	.122
SDP	.167
WSB	.824
WOI	.966
WCF	.941
WE	.949
WCS	.866
WCD	.976
WMD	.961
WCP	.954
WP	.944
WNP	.981
WF	.956
WH	.824
Q36	.397
Q44	.142
Q42	.504
Q40	.235
Q38	.153
Q37	.317
Q33	.214
Q32	.350
Q30	.548
Q29	.250
Q28	.445
Q23	.572
Q21	.332
Q18	.613
Q17	.496
Q13	.173
Q08	.353
Q05	.558
Q04	.682
Q01	.318

Total Effects (Ku - Unconstrained)

	UA	PD	GAP1	GAP2	GAP3	SDP	WSB	WOI	WCF	WE
GAP1	-.075	-.517	.000	.000	.000	.000	.000	.000	.000	.000
GAP2	-.029	-.495	.386	.000	.000	.000	.000	.000	.000	.000
GAP3	-.040	.285	.535	.386	.000	.000	.000	.000	.000	.000
SDP	.723	-.060	.430	.310	-.196	.000	.000	.000	.000	.000
WSB	.815	-.068	.485	.350	-.221	1.127	.000	.000	.000	.000
WOI	1.615	-.135	.960	.693	-.438	2.233	.755	.000	.000	.000
WCF	1.681	-.140	1.000	.721	-.456	2.325	.000	.000	.000	.000
WE	1.284	-.107	.763	.551	-.348	1.775	.386	.000	.000	.000
WCS	1.020	-.085	.607	.438	-.277	1.411	.000	.000	.000	.000
WCD	1.254	-.105	.746	.538	-.340	1.734	.215	.000	.000	.557
WMD	.798	-.067	.474	.342	-.216	1.103	.386	.000	.000	.000
WCP	1.674	-.140	.995	.718	-.454	2.315	.000	.000	.000	.000
WP	1.410	-.118	.838	.605	-.382	1.949	.000	.000	.000	.000
WNP	1.696	-.142	1.008	.728	-.460	2.345	.000	.000	.675	.000
WF	1.627	-.136	.968	.698	-.441	2.250	.386	.000	.000	.000
WH	1.873	-.156	1.114	.804	-.508	2.590	.156	.207	.000	.000
Q36	.000	1.456	.000	.000	.000	.000	.000	.000	.000	.000
Q44	1.068	.000	.000	.000	.000	.000	.000	.000	.000	.000
Q42	2.142	.000	.000	.000	.000	.000	.000	.000	.000	.000
Q40	1.365	.000	.000	.000	.000	.000	.000	.000	.000	.000
Q38	1.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
Q37	.000	1.136	.000	.000	.000	.000	.000	.000	.000	.000
Q33	.000	1.000	.000	.000	.000	.000	.000	.000	.000	.000
Q32	.000	1.306	.000	.000	.000	.000	.000	.000	.000	.000
Q30	-.034	.240	.451	.325	.842	.000	.000	.000	.000	.000
Q29	-.020	.140	.263	.190	.492	.000	.000	.000	.000	.000
Q28	-.029	.204	.384	.277	.718	.000	.000	.000	.000	.000
Q23	-.040	.285	.535	.386	1.000	.000	.000	.000	.000	.000
Q21	-.040	-.691	.539	1.397	.000	.000	.000	.000	.000	.000
Q18	-.064	-1.102	.860	2.227	.000	.000	.000	.000	.000	.000
Q17	-.055	-.952	.743	1.924	.000	.000	.000	.000	.000	.000
Q13	-.029	-.495	.386	1.000	.000	.000	.000	.000	.000	.000
Q08	-.074	-.510	.986	.000	.000	.000	.000	.000	.000	.000
Q05	-.098	-.682	1.319	.000	.000	.000	.000	.000	.000	.000
Q04	-.128	-.890	1.721	.000	.000	.000	.000	.000	.000	.000
Q01	-.075	-.517	1.000	.000	.000	.000	.000	.000	.000	.000

Standardized Total Effects (Ku - Unconstrained)

	UA	PD	GAP1	GAP2	GAP3	SDP	WSB	WOI	WCF	WE
GAP1	-.045	-.391	.000	.000	.000	.000	.000	.000	.000	.000
GAP2	-.026	-.567	.585	.000	.000	.000	.000	.000	.000	.000
GAP3	-.015	.134	.334	.159	.000	.000	.000	.000	.000	.000
SDP	.265	-.028	.261	.124	-.191	.000	.000	.000	.000	.000
WSB	.241	-.025	.237	.113	-.173	.908	.000	.000	.000	.000
WOI	.257	-.027	.253	.120	-.185	.968	.406	.000	.000	.000
WCF	.257	-.027	.254	.121	-.185	.970	.000	.000	.000	.000
WE	.257	-.027	.253	.120	-.185	.968	.261	.000	.000	.000
WCS	.247	-.026	.243	.116	-.178	.930	.000	.000	.000	.000
WCD	.259	-.027	.256	.122	-.187	.977	.150	.000	.000	.575
WMD	.256	-.027	.252	.120	-.184	.965	.419	.000	.000	.000
WCP	.259	-.027	.255	.122	-.187	.976	.000	.000	.000	.000
WP	.257	-.027	.254	.121	-.186	.971	.000	.000	.000	.000

	UA	PD	GAP1	GAP2	GAP3	SDP	WSB	WOI	WCF	WE
WNP	.259	-.027	.255	.122	-.187	.977	.000	.000	.674	.000
WF	.258	-.027	.255	.121	-.186	.974	.207	.000	.000	.000
WH	.238	-.025	.235	.112	-.172	.897	.067	.165	.000	.000
Q36	.000	.630	.000	.000	.000	.000	.000	.000	.000	.000
Q44	.377	.000	.000	.000	.000	.000	.000	.000	.000	.000
Q42	.710	.000	.000	.000	.000	.000	.000	.000	.000	.000
Q40	.485	.000	.000	.000	.000	.000	.000	.000	.000	.000
Q38	.392	.000	.000	.000	.000	.000	.000	.000	.000	.000
Q37	.000	.563	.000	.000	.000	.000	.000	.000	.000	.000
Q33	.000	.463	.000	.000	.000	.000	.000	.000	.000	.000
Q32	.000	.592	.000	.000	.000	.000	.000	.000	.000	.000
Q30	-.011	.099	.247	.118	.740	.000	.000	.000	.000	.000
Q29	-.008	.067	.167	.079	.500	.000	.000	.000	.000	.000
Q28	-.010	.090	.223	.106	.667	.000	.000	.000	.000	.000
Q23	-.011	.102	.253	.120	.756	.000	.000	.000	.000	.000
Q21	-.015	-.327	.337	.576	.000	.000	.000	.000	.000	.000
Q18	-.021	-.444	.458	.783	.000	.000	.000	.000	.000	.000
Q17	-.019	-.399	.412	.704	.000	.000	.000	.000	.000	.000
Q13	-.011	-.236	.243	.416	.000	.000	.000	.000	.000	.000
Q08	-.027	-.232	.594	.000	.000	.000	.000	.000	.000	.000
Q05	-.034	-.292	.747	.000	.000	.000	.000	.000	.000	.000
Q04	-.037	-.323	.826	.000	.000	.000	.000	.000	.000	.000
Q01	-.025	-.220	.564	.000	.000	.000	.000	.000	.000	.000

Direct Effects (Ku - Unconstrained)

	UA	PD	GAP1	GAP2	GAP3	SDP	WSB	WOI	WCF	WE
GAP1	-.075	-.517	.000	.000	.000	.000	.000	.000	.000	.000
GAP2	.000	-.295	.386	.000	.000	.000	.000	.000	.000	.000
GAP3	.000	.675	.386	.386	.000	.000	.000	.000	.000	.000
SDP	.755	.386	.386	.386	-.196	.000	.000	.000	.000	.000
WSB	.000	.000	.000	.000	.000	1.127	.000	.000	.000	.000
WOI	.000	.000	.000	.000	.000	1.382	.755	.000	.000	.000
WCF	.000	.000	.000	.000	.000	2.325	.000	.000	.000	.000
WE	.000	.000	.000	.000	.000	1.340	.386	.000	.000	.000
WCS	.000	.000	.000	.000	.000	1.411	.000	.000	.000	.000
WCD	.000	.000	.000	.000	.000	.746	.000	.000	.000	.557
WMD	.000	.000	.000	.000	.000	.668	.386	.000	.000	.000
WCP	.000	.000	.000	.000	.000	2.315	.000	.000	.000	.000
WP	.000	.000	.000	.000	.000	1.949	.000	.000	.000	.000
WNP	.000	.000	.000	.000	.000	.775	.000	.000	.675	.000
WF	.000	.000	.000	.000	.000	1.815	.386	.000	.000	.000
WH	.000	.000	.000	.000	.000	2.128	.000	.207	.000	.000
Q36	.000	1.456	.000	.000	.000	.000	.000	.000	.000	.000
Q44	1.068	.000	.000	.000	.000	.000	.000	.000	.000	.000
Q42	2.142	.000	.000	.000	.000	.000	.000	.000	.000	.000
Q40	1.365	.000	.000	.000	.000	.000	.000	.000	.000	.000
Q38	1.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
Q37	.000	1.136	.000	.000	.000	.000	.000	.000	.000	.000
Q33	.000	1.000	.000	.000	.000	.000	.000	.000	.000	.000
Q32	.000	1.306	.000	.000	.000	.000	.000	.000	.000	.000
Q30	.000	.000	.000	.000	.842	.000	.000	.000	.000	.000
Q29	.000	.000	.000	.000	.492	.000	.000	.000	.000	.000
Q28	.000	.000	.000	.000	.718	.000	.000	.000	.000	.000

	UA	PD	GAP1	GAP2	GAP3	SDP	WSB	WOI	WCF	WE
Q23	.000	.000	.000	.000	1.000	.000	.000	.000	.000	.000
Q21	.000	.000	.000	1.397	.000	.000	.000	.000	.000	.000
Q18	.000	.000	.000	2.227	.000	.000	.000	.000	.000	.000
Q17	.000	.000	.000	1.924	.000	.000	.000	.000	.000	.000
Q13	.000	.000	.000	1.000	.000	.000	.000	.000	.000	.000
Q08	.000	.000	.986	.000	.000	.000	.000	.000	.000	.000
Q05	.000	.000	1.319	.000	.000	.000	.000	.000	.000	.000
Q04	.000	.000	1.721	.000	.000	.000	.000	.000	.000	.000
Q01	.000	.000	1.000	.000	.000	.000	.000	.000	.000	.000

Standardized Direct Effects (Ku - Unconstrained)

	UA	PD	GAP1	GAP2	GAP3	SDP	WSB	WOI	WCF	WE
GAP1	-.045	-.391	.000	.000	.000	.000	.000	.000	.000	.000
GAP2	.000	-.338	.585	.000	.000	.000	.000	.000	.000	.000
GAP3	.000	.319	.241	.159	.000	.000	.000	.000	.000	.000
SDP	.277	.177	.235	.155	-.191	.000	.000	.000	.000	.000
WSB	.000	.000	.000	.000	.000	.908	.000	.000	.000	.000
WOI	.000	.000	.000	.000	.000	.599	.406	.000	.000	.000
WCF	.000	.000	.000	.000	.000	.970	.000	.000	.000	.000
WE	.000	.000	.000	.000	.000	.731	.261	.000	.000	.000
WCS	.000	.000	.000	.000	.000	.930	.000	.000	.000	.000
WCD	.000	.000	.000	.000	.000	.421	.000	.000	.000	.575
WMD	.000	.000	.000	.000	.000	.584	.419	.000	.000	.000
WCP	.000	.000	.000	.000	.000	.976	.000	.000	.000	.000
WP	.000	.000	.000	.000	.000	.971	.000	.000	.000	.000
WNP	.000	.000	.000	.000	.000	.323	.000	.000	.674	.000
WF	.000	.000	.000	.000	.000	.786	.207	.000	.000	.000
WH	.000	.000	.000	.000	.000	.737	.000	.165	.000	.000
Q36	.000	.630	.000	.000	.000	.000	.000	.000	.000	.000
Q44	.377	.000	.000	.000	.000	.000	.000	.000	.000	.000
Q42	.710	.000	.000	.000	.000	.000	.000	.000	.000	.000
Q40	.485	.000	.000	.000	.000	.000	.000	.000	.000	.000
Q38	.392	.000	.000	.000	.000	.000	.000	.000	.000	.000
Q37	.000	.563	.000	.000	.000	.000	.000	.000	.000	.000
Q33	.000	.463	.000	.000	.000	.000	.000	.000	.000	.000
Q32	.000	.592	.000	.000	.000	.000	.000	.000	.000	.000
Q30	.000	.000	.000	.000	.740	.000	.000	.000	.000	.000
Q29	.000	.000	.000	.000	.500	.000	.000	.000	.000	.000
Q28	.000	.000	.000	.000	.667	.000	.000	.000	.000	.000
Q23	.000	.000	.000	.000	.756	.000	.000	.000	.000	.000
Q21	.000	.000	.000	.576	.000	.000	.000	.000	.000	.000
Q18	.000	.000	.000	.783	.000	.000	.000	.000	.000	.000
Q17	.000	.000	.000	.704	.000	.000	.000	.000	.000	.000
Q13	.000	.000	.000	.416	.000	.000	.000	.000	.000	.000
Q08	.000	.000	.594	.000	.000	.000	.000	.000	.000	.000
Q05	.000	.000	.747	.000	.000	.000	.000	.000	.000	.000
Q04	.000	.000	.826	.000	.000	.000	.000	.000	.000	.000
Q01	.000	.000	.564	.000	.000	.000	.000	.000	.000	.000

Indirect Effects (Ku - Unconstrained)

	UA	PD	GAP1	GAP2	GAP3	SDP	WSB	WOI	WCF	WE
GAP1	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
GAP2	-.029	-.200	.000	.000	.000	.000	.000	.000	.000	.000
GAP3	-.040	-.390	.149	.000	.000	.000	.000	.000	.000	.000

	UA	PD	GAP1	GAP2	GAP3	SDP	WSB	WOI	WCF	WE
SDP	-.032	-.446	.044	-.076	.000	.000	.000	.000	.000	.000
WSB	.815	-.068	.485	.350	-.221	.000	.000	.000	.000	.000
WOI	1.615	-.135	.960	.693	-.438	.851	.000	.000	.000	.000
WCF	1.681	-.140	1.000	.721	-.456	.000	.000	.000	.000	.000
WE	1.284	-.107	.763	.551	-.348	.435	.000	.000	.000	.000
WCS	1.020	-.085	.607	.438	-.277	.000	.000	.000	.000	.000
WCD	1.254	-.105	.746	.538	-.340	.988	.215	.000	.000	.000
WMD	.798	-.067	.474	.342	-.216	.435	.000	.000	.000	.000
WCP	1.674	-.140	.995	.718	-.454	.000	.000	.000	.000	.000
WP	1.410	-.118	.838	.605	-.382	.000	.000	.000	.000	.000
WNP	1.696	-.142	1.008	.728	-.460	1.570	.000	.000	.000	.000
WF	1.627	-.136	.968	.698	-.441	.435	.000	.000	.000	.000
WH	1.873	-.156	1.114	.804	-.508	.462	.156	.000	.000	.000
Q36	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
Q44	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
Q42	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
Q40	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
Q38	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
Q37	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
Q33	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
Q32	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
Q30	-.034	.240	.451	.325	.000	.000	.000	.000	.000	.000
Q29	-.020	.140	.263	.190	.000	.000	.000	.000	.000	.000
Q28	-.029	.204	.384	.277	.000	.000	.000	.000	.000	.000
Q23	-.040	.285	.535	.386	.000	.000	.000	.000	.000	.000
Q21	-.040	-.691	.539	.000	.000	.000	.000	.000	.000	.000
Q18	-.064	-1.102	.860	.000	.000	.000	.000	.000	.000	.000
Q17	-.055	-.952	.743	.000	.000	.000	.000	.000	.000	.000
Q13	-.029	-.495	.386	.000	.000	.000	.000	.000	.000	.000
Q08	-.074	-.510	.000	.000	.000	.000	.000	.000	.000	.000
Q05	-.098	-.682	.000	.000	.000	.000	.000	.000	.000	.000
Q04	-.128	-.890	.000	.000	.000	.000	.000	.000	.000	.000
Q01	-.075	-.517	.000	.000	.000	.000	.000	.000	.000	.000

Standardized Indirect Effects (Ku - Unconstrained)

	UA	PD	GAP1	GAP2	GAP3	SDP	WSB	WOI	WCF	WE
GAP1	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
GAP2	-.026	-.229	.000	.000	.000	.000	.000	.000	.000	.000
GAP3	-.015	-.184	.093	.000	.000	.000	.000	.000	.000	.000
SDP	-.012	-.205	.027	-.030	.000	.000	.000	.000	.000	.000
WSB	.241	-.025	.237	.113	-.173	.000	.000	.000	.000	.000
WOI	.257	-.027	.253	.120	-.185	.369	.000	.000	.000	.000
WCF	.257	-.027	.254	.121	-.185	.000	.000	.000	.000	.000
WE	.257	-.027	.253	.120	-.185	.237	.000	.000	.000	.000
WCS	.247	-.026	.243	.116	-.178	.000	.000	.000	.000	.000
WCD	.259	-.027	.256	.122	-.187	.557	.150	.000	.000	.000
WMD	.256	-.027	.252	.120	-.184	.380	.000	.000	.000	.000
WCP	.259	-.027	.255	.122	-.187	.000	.000	.000	.000	.000
WP	.257	-.027	.254	.121	-.186	.000	.000	.000	.000	.000
WNP	.259	-.027	.255	.122	-.187	.654	.000	.000	.000	.000
WF	.258	-.027	.255	.121	-.186	.188	.000	.000	.000	.000
WH	.238	-.025	.235	.112	-.172	.160	.067	.000	.000	.000
Q36	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000

	UA	PD	GAP1	GAP2	GAP3	SDP	WSB	WOI	WCF	WE
Q44	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
Q42	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
Q40	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
Q38	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
Q37	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
Q33	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
Q32	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
Q30	-.011	.099	.247	.118	.000	.000	.000	.000	.000	.000
Q29	-.008	.067	.167	.079	.000	.000	.000	.000	.000	.000
Q28	-.010	.090	.223	.106	.000	.000	.000	.000	.000	.000
Q23	-.011	.102	.253	.120	.000	.000	.000	.000	.000	.000
Q21	-.015	-.327	.337	.000	.000	.000	.000	.000	.000	.000
Q18	-.021	-.444	.458	.000	.000	.000	.000	.000	.000	.000
Q17	-.019	-.399	.412	.000	.000	.000	.000	.000	.000	.000
Q13	-.011	-.236	.243	.000	.000	.000	.000	.000	.000	.000
Q08	-.027	-.232	.000	.000	.000	.000	.000	.000	.000	.000
Q05	-.034	-.292	.000	.000	.000	.000	.000	.000	.000	.000
Q04	-.037	-.323	.000	.000	.000	.000	.000	.000	.000	.000
Q01	-.025	-.220	.000	.000	.000	.000	.000	.000	.000	.000

Modification Indices (Ku - Unconstrained)
Covariances: (Ku - Unconstrained)
Variances: (Ku - Unconstrained)

	M.I.	Par Change
PD	17.779	.150
e24	4.436	-.067
e23	11.054	-.044
e19	4.789	-.248
e14	7.203	-.267
e13	7.630	-.260
e05	5.260	.217

Regression Weights: (Ku - Unconstrained)
EG (EG - Unconstrained)
Estimates (EG - Unconstrained)
Scalar Estimates (EG - Unconstrained)
Maximum Likelihood Estimates
Regression Weights: (EG - Unconstrained)

			Estimate	S.E.	C.R.	P	Label
GAP1	<---	PD	.287	.069	4.169	***	b7_2
GAP1	<---	UA	-.219	.082	-2.664	.008	b10_2
GAP2	<---	PD	-.007	.048	-.147	.883	b8_2
GAP2	<---	GAP1	.315	.024	13.164	***	b1_2
GAP3	<---	PD	.571	.031	18.170	***	b6_2
GAP3	<---	GAP2	.315	.024	13.164	***	b1_2
GAP3	<---	GAP1	.315	.024	13.164	***	b1_2
SDP	<---	GAP3	-.410	.074	-5.513	***	b3_2
SDP	<---	UA	.721	.055	13.125	***	b4_2
SDP	<---	GAP2	.315	.024	13.164	***	b1_2
SDP	<---	GAP1	.315	.024	13.164	***	b1_2
SDP	<---	PD	.315	.024	13.164	***	b1_2
WSB	<---	SDP	.842	.045	18.572	***	a9_2
WE	<---	SDP	1.397	.071	19.547	***	a6_2
WOI	<---	SDP	1.365	.083	16.504	***	a11_2
WCF	<---	SDP	2.142	.109	19.662	***	a12_2
WOI	<---	WSB	.721	.055	13.125	***	b4_2

			Estimate	S.E.	C.R.	P	Label
WE	<---	WSB	.315	.024	13.164	***	b1_2
Q01	<---	GAP1	1.000				
Q05	<---	GAP1	1.319	.107	12.372	***	a1_2
Q04	<---	GAP1	1.721	.086	19.915	***	a2_2
Q13	<---	GAP2	1.000				
Q23	<---	GAP3	1.000				
Q33	<---	PD	1.000				
Q08	<---	GAP1	.986	.080	12.278	***	a3_2
Q17	<---	GAP2	1.924	.097	19.760	***	a4_2
Q18	<---	GAP2	2.227	.111	19.977	***	a5_2
Q21	<---	GAP2	1.397	.071	19.547	***	a6_2
Q28	<---	GAP3	.718	.039	18.589	***	a7_2
Q29	<---	GAP3	.492	.044	11.126	***	a8_2
Q30	<---	GAP3	.842	.045	18.572	***	a9_2
Q32	<---	PD	1.306	.070	18.626	***	a10_2
Q40	<---	UA	1.365	.083	16.504	***	a11_2
Q42	<---	UA	2.142	.109	19.662	***	a12_2
Q44	<---	UA	1.068	.179	5.976	***	a13_2
Q36	<---	PD	1.456	.159	9.152	***	a14_2
Q37	<---	PD	1.136	.132	8.623	***	a15_2
Q38	<---	UA	1.000				
WH	<---	SDP	1.319	.107	12.372	***	a1_2
WF	<---	SDP	1.721	.086	19.915	***	a2_2
WNP	<---	SDP	.986	.080	12.278	***	a3_2
WP	<---	SDP	1.924	.097	19.760	***	a4_2
WCP	<---	SDP	2.227	.111	19.977	***	a5_2
WMD	<---	SDP	.718	.039	18.589	***	a7_2
WCD	<---	SDP	.492	.044	11.126	***	a8_2
WCS	<---	SDP	1.306	.070	18.626	***	a10_2
WCD	<---	WE	.678	.025	26.612	***	b2_2
WMD	<---	WSB	.315	.024	13.164	***	b1_2
WH	<---	WOI	.353	.055	6.460	***	b5_2
WNP	<---	WCF	.571	.031	18.170	***	b6_2
WF	<---	WSB	.315	.024	13.164	***	b1_2

Standardized Regression Weights: (EG - Unconstrained)

			Estimate
GAP1	<---	PD	.488
GAP1	<---	UA	-.298
GAP2	<---	PD	-.021
GAP2	<---	GAP1	.563
GAP3	<---	PD	.267
GAP3	<---	GAP2	.048
GAP3	<---	GAP1	.087
SDP	<---	GAP3	-.390
SDP	<---	UA	.256
SDP	<---	GAP2	.046
SDP	<---	GAP1	.082
SDP	<---	PD	.140
WSB	<---	SDP	.858
WE	<---	SDP	.814
WOI	<---	SDP	.667
WCF	<---	SDP	.967

			Estimate
WOI	<---	WSB	.345
WE	<---	WSB	.180
Q01	<---	GAP1	.290
Q05	<---	GAP1	.446
Q04	<---	GAP1	.545
Q13	<---	GAP2	.170
Q23	<---	GAP3	.759
Q33	<---	PD	.463
Q08	<---	GAP1	.311
Q17	<---	GAP2	.351
Q18	<---	GAP2	.429
Q21	<---	GAP2	.257
Q28	<---	GAP3	.671
Q29	<---	GAP3	.504
Q30	<---	GAP3	.743
Q32	<---	PD	.592
Q40	<---	UA	.485
Q42	<---	UA	.710
Q44	<---	UA	.377
Q36	<---	PD	.630
Q37	<---	PD	.563
Q38	<---	UA	.392
WH	<---	SDP	.552
WF	<---	SDP	.840
WNP	<---	SDP	.437
WP	<---	SDP	.972
WCP	<---	SDP	.976
WMD	<---	SDP	.704
WCD	<---	SDP	.295
WCS	<---	SDP	.925
WCD	<---	WE	.699
WMD	<---	WSB	.303
WH	<---	WOI	.303
WNP	<---	WCF	.561
WF	<---	WSB	.151

Covariances: (EG - Unconstrained)

			Estimate	S.E.	C.R.	P	Label
e32	<-->	e26	.129	.019	6.732	***	c1_2
e25	<-->	e27	.232	.028	8.295	***	c3_2
e21	<-->	e31	.624	.052	12.073	***	c4_2

Correlations: (EG - Unconstrained)

			Estimate
e32	<-->	e26	.444
e25	<-->	e27	.615
e21	<-->	e31	.782

Variances: (EG - Unconstrained)

	Estimate	S.E.	C.R.	P	Label
PD	.267	.041	6.468	***	vvv1_2
UA	.170	.024	6.981	***	vvv2_2
e81	.062	.017	3.562	***	vv2_2
e82	.020	.009	2.272	.023	vv3_2
e83	1.084	.124	8.771	***	vv1_2

	Estimate	S.E.	C.R.	P	Label
e80	1.084	.124	8.771	***	vv1_2
e31	.343	.024	14.425	***	v31_2
e26	.215	.016	13.431	***	v26_2
e27	.429	.034	12.611	***	v27_2
e28	.231	.017	13.549	***	v28_2
e01	1.003	.070	14.242	***	v1_2
e02	.646	.062	10.451	***	v2_2
e03	.646	.053	12.178	***	v3_2
e04	.834	.060	14.010	***	v4_2
e05	.974	.066	14.728	***	v5_2
e06	.765	.059	12.875	***	v6_2
e07	.637	.057	11.164	***	v7_2
e08	.799	.057	14.080	***	v8_2
e09	.899	.089	10.061	***	v9_2
e10	.773	.063	12.356	***	v10_2
e11	.873	.063	13.919	***	v11_2
e12	.704	.066	10.734	***	v12_2
e13	.846	.071	11.934	***	v13_2
e14	.980	.072	13.694	***	v14_2
e16	.745	.062	11.976	***	v15_2
e17	.939	.067	14.105	***	v16_2
e18	1.030	.077	13.305	***	v17_2
e19	.768	.091	8.482	***	v18_2
e20	1.174	.086	13.691	***	v19_2
e15	.861	.081	10.611	***	v20_2
e21	1.858	.137	13.577	***	v21_2
e22	.299	.023	13.158	***	v22_2
e23	.136	.010	13.930	***	v23_2
e24	.288	.023	12.646	***	v24_2
e25	.331	.028	12.019	***	v25_2
e29	.064	.005	13.714	***	v29_2
e30	.096	.007	14.300	***	v30_2
e32	.391	.027	14.245	***	v32_2

Squared Multiple Correlations: (EG - Unconstrained)

	Estimate
GAP1	.327
GAP2	.305
GAP3	.115
SDP	.198
WSB	.737
WOI	.959
WCF	.935
WE	.946
WCS	.855
WCD	.974
WMD	.954
WCP	.953
WP	.946
WNP	.980
WF	.947
WH	.759
Q36	.397

	Estimate
Q44	.142
Q42	.504
Q40	.235
Q38	.153
Q37	.317
Q33	.214
Q32	.350
Q30	.552
Q29	.254
Q28	.450
Q23	.577
Q21	.066
Q18	.184
Q17	.123
Q13	.029
Q08	.097
Q05	.199
Q04	.297
Q01	.084

Matrices (EG - Unconstrained)

Implied (for all variables) Covariances (EG - Unconstrained)

	UA	PD	GAP1	GAP2	GAP3	SDP	WSB	WOI	WCF	WE
GAP1	-.219	.287	.000	.000	.000	.000	.000	.000	.000	.000
GAP2	-.069	.083	.315	.000	.000	.000	.000	.000	.000	.000
GAP3	-.091	.688	.415	.315	.000	.000	.000	.000	.000	.000
SDP	.667	.150	.245	.186	-.410	.000	.000	.000	.000	.000
WSB	.562	.126	.206	.157	-.345	.842	.000	.000	.000	.000
WOI	1.316	.296	.483	.367	-.808	1.972	.721	.000	.000	.000
WCF	1.429	.322	.525	.399	-.878	2.142	.000	.000	.000	.000
WE	1.109	.250	.407	.310	-.681	1.663	.315	.000	.000	.000
WCS	.871	.196	.320	.243	-.535	1.306	.000	.000	.000	.000
WCD	1.081	.243	.397	.302	-.664	1.620	.214	.000	.000	.678
WMD	.656	.148	.241	.183	-.403	.984	.315	.000	.000	.000
WCP	1.486	.334	.545	.415	-.913	2.227	.000	.000	.000	.000
WP	1.284	.289	.471	.358	-.788	1.924	.000	.000	.000	.000
WNP	1.474	.332	.541	.411	-.906	2.210	.000	.000	.571	.000
WF	1.325	.298	.486	.370	-.814	1.986	.315	.000	.000	.000
WH	1.344	.302	.493	.375	-.826	2.015	.254	.353	.000	.000
Q36	.000	1.456	.000	.000	.000	.000	.000	.000	.000	.000
Q44	1.068	.000	.000	.000	.000	.000	.000	.000	.000	.000
Q42	2.142	.000	.000	.000	.000	.000	.000	.000	.000	.000
Q40	1.365	.000	.000	.000	.000	.000	.000	.000	.000	.000
Q38	1.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
Q37	.000	1.136	.000	.000	.000	.000	.000	.000	.000	.000
Q33	.000	1.000	.000	.000	.000	.000	.000	.000	.000	.000
Q32	.000	1.306	.000	.000	.000	.000	.000	.000	.000	.000
Q30	-.077	.580	.349	.266	.842	.000	.000	.000	.000	.000
Q29	-.045	.339	.204	.155	.492	.000	.000	.000	.000	.000
Q28	-.065	.494	.298	.226	.718	.000	.000	.000	.000	.000
Q23	-.091	.688	.415	.315	1.000	.000	.000	.000	.000	.000
Q21	-.097	.116	.441	1.397	.000	.000	.000	.000	.000	.000
Q18	-.154	.186	.702	2.227	.000	.000	.000	.000	.000	.000

	UA	PD	GAP1	GAP2	GAP3	SDP	WSB	WOI	WCF	WE
Q17	-.133	.160	.607	1.924	.000	.000	.000	.000	.000	.000
Q13	-.069	.083	.315	1.000	.000	.000	.000	.000	.000	.000
Q08	-.216	.283	.986	.000	.000	.000	.000	.000	.000	.000
Q05	-.289	.378	1.319	.000	.000	.000	.000	.000	.000	.000
Q04	-.377	.493	1.721	.000	.000	.000	.000	.000	.000	.000
Q01	-.219	.287	1.000	.000	.000	.000	.000	.000	.000	.000

Standardized Total Effects (EG - Unconstrained)

	UA	PD	GAP1	GAP2	GAP3	SDP	WSB	WOI	WCF	WE
GAP1	-.298	.488	.000	.000	.000	.000	.000	.000	.000	.000
GAP2	-.168	.253	.563	.000	.000	.000	.000	.000	.000	.000
GAP3	-.034	.322	.114	.048	.000	.000	.000	.000	.000	.000
SDP	.237	.067	.064	.027	-.390	.000	.000	.000	.000	.000
WSB	.203	.057	.055	.023	-.335	.858	.000	.000	.000	.000
WOI	.228	.064	.062	.026	-.376	.963	.345	.000	.000	.000
WCF	.229	.065	.062	.026	-.377	.967	.000	.000	.000	.000
WE	.229	.065	.062	.026	-.378	.968	.180	.000	.000	.000
WCS	.219	.062	.059	.025	-.361	.925	.000	.000	.000	.000
WCD	.230	.065	.062	.026	-.379	.972	.126	.000	.000	.699
WMD	.228	.064	.062	.026	-.376	.964	.303	.000	.000	.000
WCP	.231	.065	.062	.027	-.381	.976	.000	.000	.000	.000
WP	.230	.065	.062	.026	-.379	.972	.000	.000	.000	.000
WNP	.232	.065	.063	.027	-.382	.980	.000	.000	.561	.000
WF	.230	.065	.062	.026	-.378	.970	.151	.000	.000	.000
WH	.200	.056	.054	.023	-.329	.844	.105	.303	.000	.000
Q36	.000	.630	.000	.000	.000	.000	.000	.000	.000	.000
Q44	.377	.000	.000	.000	.000	.000	.000	.000	.000	.000
Q42	.710	.000	.000	.000	.000	.000	.000	.000	.000	.000
Q40	.485	.000	.000	.000	.000	.000	.000	.000	.000	.000
Q38	.392	.000	.000	.000	.000	.000	.000	.000	.000	.000
Q37	.000	.563	.000	.000	.000	.000	.000	.000	.000	.000
Q33	.000	.463	.000	.000	.000	.000	.000	.000	.000	.000
Q32	.000	.592	.000	.000	.000	.000	.000	.000	.000	.000
Q30	-.025	.239	.085	.036	.743	.000	.000	.000	.000	.000
Q29	-.017	.162	.057	.024	.504	.000	.000	.000	.000	.000
Q28	-.023	.216	.076	.033	.671	.000	.000	.000	.000	.000
Q23	-.026	.244	.086	.037	.759	.000	.000	.000	.000	.000
Q21	-.043	.065	.145	.257	.000	.000	.000	.000	.000	.000
Q18	-.072	.109	.241	.429	.000	.000	.000	.000	.000	.000
Q17	-.059	.089	.197	.351	.000	.000	.000	.000	.000	.000
Q13	-.028	.043	.096	.170	.000	.000	.000	.000	.000	.000
Q08	-.093	.152	.311	.000	.000	.000	.000	.000	.000	.000
Q05	-.133	.218	.446	.000	.000	.000	.000	.000	.000	.000
Q04	-.162	.266	.545	.000	.000	.000	.000	.000	.000	.000
Q01	-.086	.142	.290	.000	.000	.000	.000	.000	.000	.000

Direct Effects (EG - Unconstrained)

	UA	PD	GAP1	GAP2	GAP3	SDP	WSB	WOI	WCF	WE
GAP1	-.219	.287	.000	.000	.000	.000	.000	.000	.000	.000
GAP2	.000	-.007	.315	.000	.000	.000	.000	.000	.000	.000
GAP3	.000	.571	.315	.315	.000	.000	.000	.000	.000	.000
SDP	.721	.315	.315	.315	-.410	.000	.000	.000	.000	.000
WSB	.000	.000	.000	.000	.000	.842	.000	.000	.000	.000
WOI	.000	.000	.000	.000	.000	1.365	.721	.000	.000	.000

	UA	PD	GAP1	GAP2	GAP3	SDP	WSB	WOI	WCF	WE
WCF	.000	.000	.000	.000	.000	2.142	.000	.000	.000	.000
WE	.000	.000	.000	.000	.000	1.397	.315	.000	.000	.000
WCS	.000	.000	.000	.000	.000	1.306	.000	.000	.000	.000
WCD	.000	.000	.000	.000	.000	.492	.000	.000	.000	.678
WMD	.000	.000	.000	.000	.000	.718	.315	.000	.000	.000
WCP	.000	.000	.000	.000	.000	2.227	.000	.000	.000	.000
WP	.000	.000	.000	.000	.000	1.924	.000	.000	.000	.000
WNP	.000	.000	.000	.000	.000	.986	.000	.000	.571	.000
WF	.000	.000	.000	.000	.000	1.721	.315	.000	.000	.000
WH	.000	.000	.000	.000	.000	1.319	.000	.353	.000	.000
Q36	.000	1.456	.000	.000	.000	.000	.000	.000	.000	.000
Q44	1.068	.000	.000	.000	.000	.000	.000	.000	.000	.000
Q42	2.142	.000	.000	.000	.000	.000	.000	.000	.000	.000
Q40	1.365	.000	.000	.000	.000	.000	.000	.000	.000	.000
Q38	1.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
Q37	.000	1.136	.000	.000	.000	.000	.000	.000	.000	.000
Q33	.000	1.000	.000	.000	.000	.000	.000	.000	.000	.000
Q32	.000	1.306	.000	.000	.000	.000	.000	.000	.000	.000
Q30	.000	.000	.000	.000	.842	.000	.000	.000	.000	.000
Q29	.000	.000	.000	.000	.492	.000	.000	.000	.000	.000
Q28	.000	.000	.000	.000	.718	.000	.000	.000	.000	.000
Q23	.000	.000	.000	.000	1.000	.000	.000	.000	.000	.000
Q21	.000	.000	.000	1.397	.000	.000	.000	.000	.000	.000
Q18	.000	.000	.000	2.227	.000	.000	.000	.000	.000	.000
Q17	.000	.000	.000	1.924	.000	.000	.000	.000	.000	.000
Q13	.000	.000	.000	1.000	.000	.000	.000	.000	.000	.000
Q08	.000	.000	.986	.000	.000	.000	.000	.000	.000	.000
Q05	.000	.000	1.319	.000	.000	.000	.000	.000	.000	.000
Q04	.000	.000	1.721	.000	.000	.000	.000	.000	.000	.000
Q01	.000	.000	1.000	.000	.000	.000	.000	.000	.000	.000

Standardized Direct Effects (EG - Unconstrained)

	UA	PD	GAP1	GAP2	GAP3	SDP	WSB	WOI	WCF	WE
GAP1	-.298	.488	.000	.000	.000	.000	.000	.000	.000	.000
GAP2	.000	-.021	.563	.000	.000	.000	.000	.000	.000	.000
GAP3	.000	.267	.087	.048	.000	.000	.000	.000	.000	.000
SDP	.256	.140	.082	.046	-.390	.000	.000	.000	.000	.000
WSB	.000	.000	.000	.000	.000	.858	.000	.000	.000	.000
WOI	.000	.000	.000	.000	.000	.667	.345	.000	.000	.000
WCF	.000	.000	.000	.000	.000	.967	.000	.000	.000	.000
WE	.000	.000	.000	.000	.000	.814	.180	.000	.000	.000
WCS	.000	.000	.000	.000	.000	.925	.000	.000	.000	.000
WCD	.000	.000	.000	.000	.000	.295	.000	.000	.000	.699
WMD	.000	.000	.000	.000	.000	.704	.303	.000	.000	.000
WCP	.000	.000	.000	.000	.000	.976	.000	.000	.000	.000
WP	.000	.000	.000	.000	.000	.972	.000	.000	.000	.000
WNP	.000	.000	.000	.000	.000	.437	.000	.000	.561	.000
WF	.000	.000	.000	.000	.000	.840	.151	.000	.000	.000
WH	.000	.000	.000	.000	.000	.552	.000	.303	.000	.000
Q36	.000	.630	.000	.000	.000	.000	.000	.000	.000	.000
Q44	.377	.000	.000	.000	.000	.000	.000	.000	.000	.000
Q42	.710	.000	.000	.000	.000	.000	.000	.000	.000	.000
Q40	.485	.000	.000	.000	.000	.000	.000	.000	.000	.000

	UA	PD	GAP1	GAP2	GAP3	SDP	WSB	WOI	WCF	WE
Q38	.392	.000	.000	.000	.000	.000	.000	.000	.000	.000
Q37	.000	.563	.000	.000	.000	.000	.000	.000	.000	.000
Q33	.000	.463	.000	.000	.000	.000	.000	.000	.000	.000
Q32	.000	.592	.000	.000	.000	.000	.000	.000	.000	.000
Q30	.000	.000	.000	.000	.743	.000	.000	.000	.000	.000
Q29	.000	.000	.000	.000	.504	.000	.000	.000	.000	.000
Q28	.000	.000	.000	.000	.671	.000	.000	.000	.000	.000
Q23	.000	.000	.000	.000	.759	.000	.000	.000	.000	.000
Q21	.000	.000	.000	.257	.000	.000	.000	.000	.000	.000
Q18	.000	.000	.000	.429	.000	.000	.000	.000	.000	.000
Q17	.000	.000	.000	.351	.000	.000	.000	.000	.000	.000
Q13	.000	.000	.000	.170	.000	.000	.000	.000	.000	.000
Q08	.000	.000	.311	.000	.000	.000	.000	.000	.000	.000
Q05	.000	.000	.446	.000	.000	.000	.000	.000	.000	.000
Q04	.000	.000	.545	.000	.000	.000	.000	.000	.000	.000
Q01	.000	.000	.290	.000	.000	.000	.000	.000	.000	.000

Indirect Effects (EG - Unconstrained)

	UA	PD	GAP1	GAP2	GAP3	SDP	WSB	WOI	WCF	WE
GAP1	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
GAP2	-.069	.090	.000	.000	.000	.000	.000	.000	.000	.000
GAP3	-.091	.117	.099	.000	.000	.000	.000	.000	.000	.000
SDP	-.054	-.165	-.071	-.129	.000	.000	.000	.000	.000	.000
WSB	.562	.126	.206	.157	-.345	.000	.000	.000	.000	.000
WOI	1.316	.296	.483	.367	-.808	.607	.000	.000	.000	.000
WCF	1.429	.322	.525	.399	-.878	.000	.000	.000	.000	.000
WE	1.109	.250	.407	.310	-.681	.266	.000	.000	.000	.000
WCS	.871	.196	.320	.243	-.535	.000	.000	.000	.000	.000
WCD	1.081	.243	.397	.302	-.664	1.128	.214	.000	.000	.000
WMD	.656	.148	.241	.183	-.403	.266	.000	.000	.000	.000
WCP	1.486	.334	.545	.415	-.913	.000	.000	.000	.000	.000
WP	1.284	.289	.471	.358	-.788	.000	.000	.000	.000	.000
WNP	1.474	.332	.541	.411	-.906	1.224	.000	.000	.000	.000
WF	1.325	.298	.486	.370	-.814	.266	.000	.000	.000	.000
WH	1.344	.302	.493	.375	-.826	.696	.254	.000	.000	.000
Q36	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
Q44	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
Q42	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
Q40	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
Q38	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
Q37	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
Q33	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
Q32	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
Q30	-.077	.580	.349	.266	.000	.000	.000	.000	.000	.000
Q29	-.045	.339	.204	.155	.000	.000	.000	.000	.000	.000
Q28	-.065	.494	.298	.226	.000	.000	.000	.000	.000	.000
Q23	-.091	.688	.415	.315	.000	.000	.000	.000	.000	.000
Q21	-.097	.116	.441	.000	.000	.000	.000	.000	.000	.000
Q18	-.154	.186	.702	.000	.000	.000	.000	.000	.000	.000
Q17	-.133	.160	.607	.000	.000	.000	.000	.000	.000	.000
Q13	-.069	.083	.315	.000	.000	.000	.000	.000	.000	.000
Q08	-.216	.283	.000	.000	.000	.000	.000	.000	.000	.000
Q05	-.289	.378	.000	.000	.000	.000	.000	.000	.000	.000

	UA	PD	GAP1	GAP2	GAP3	SDP	WSB	WOI	WCF	WE
Q04	-.377	.493	.000	.000	.000	.000	.000	.000	.000	.000
Q01	-.219	.287	.000	.000	.000	.000	.000	.000	.000	.000

Standardized Indirect Effects (EG - Unconstrained)

	UA	PD	GAP1	GAP2	GAP3	SDP	WSB	WOI	WCF	WE
GAP1	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
GAP2	-.168	.275	.000	.000	.000	.000	.000	.000	.000	.000
GAP3	-.034	.055	.027	.000	.000	.000	.000	.000	.000	.000
SDP	-.019	-.074	-.018	-.019	.000	.000	.000	.000	.000	.000
WSB	.203	.057	.055	.023	-.335	.000	.000	.000	.000	.000
WOI	.228	.064	.062	.026	-.376	.297	.000	.000	.000	.000
WCF	.229	.065	.062	.026	-.377	.000	.000	.000	.000	.000
WE	.229	.065	.062	.026	-.378	.155	.000	.000	.000	.000
WCS	.219	.062	.059	.025	-.361	.000	.000	.000	.000	.000
WCD	.230	.065	.062	.026	-.379	.676	.126	.000	.000	.000
WMD	.228	.064	.062	.026	-.376	.260	.000	.000	.000	.000
WCP	.231	.065	.062	.027	-.381	.000	.000	.000	.000	.000
WP	.230	.065	.062	.026	-.379	.000	.000	.000	.000	.000
WNP	.232	.065	.063	.027	-.382	.543	.000	.000	.000	.000
WF	.230	.065	.062	.026	-.378	.130	.000	.000	.000	.000
WH	.200	.056	.054	.023	-.329	.291	.105	.000	.000	.000
Q36	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
Q44	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
Q42	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
Q40	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
Q38	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
Q37	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
Q33	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
Q32	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
Q30	-.025	.239	.085	.036	.000	.000	.000	.000	.000	.000
Q29	-.017	.162	.057	.024	.000	.000	.000	.000	.000	.000
Q28	-.023	.216	.076	.033	.000	.000	.000	.000	.000	.000
Q23	-.026	.244	.086	.037	.000	.000	.000	.000	.000	.000
Q21	-.043	.065	.145	.000	.000	.000	.000	.000	.000	.000
Q18	-.072	.109	.241	.000	.000	.000	.000	.000	.000	.000
Q17	-.059	.089	.197	.000	.000	.000	.000	.000	.000	.000
Q13	-.028	.043	.096	.000	.000	.000	.000	.000	.000	.000
Q08	-.093	.152	.000	.000	.000	.000	.000	.000	.000	.000
Q05	-.133	.218	.000	.000	.000	.000	.000	.000	.000	.000
Q04	-.162	.266	.000	.000	.000	.000	.000	.000	.000	.000
Q01	-.086	.142	.000	.000	.000	.000	.000	.000	.000	.000