

*Horst-Alfred Heinrich*

Test of different structural equation models describing the relationship between  
nationalism, patriotism, and anti-immigration attitudes:  
documentation of an empirical study

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institutional affiliation:

University of Passau

Methods in empirical social research

Email: Horst-Alfred.Heinrich@uni-passau.de

## 1. Introduction

This paper aims at the documentation of the results of a study dealing with the relationship between in-group and out-group attitudes. The research enquires into the question whether nationalistic, patriotic, and anti-immigration attitudes are only correlated with each other or whether there is a causal relationship. The presentation of the Mplus output together with the correlation and covariance matrices will allow the readers to control the results and, if they want to do it, to test alternative models.

As the readers need some basic information about the study, the next chapter informs them about the theoretical background. The method section describes the survey sample and the way how the data have been handled. The core of the paper is the documentation of the structural equation models.

## 2. Theoretical basis

Right now the relationship between in-group and out-group attitudes is an unsolved question. This is especially important with regard to the connection between nationalistic or patriotic attitudes respectively and anti-immigration attitudes. It is often assumed that nationalism as well as patriotism cause specific interpretations of an anti-immigration policy (Blank/Schmidt 1997; 2003). In fact, such a causal model assumes that people tending to the political left usually support democracy or social welfare and, at the same time, can accept immigrants. In contrast, it is assumed that people tending to the political right are often proud of the dominance of their country and be willing to devalue foreigners. These hypotheses are explained by referring to social identity theory (Tajfel/Turner 1986). Heyder and Schmidt (2002) follow the axiomatic assumption of the social identity theory that everyone tries to get a positive self. With regard to their social identity people tend to ascribe several positive values to the groups to which they belong. The better the own group is evaluated the more positive will be the outcome for the individual's self. As a consequence, it is said that one strategy to gain a positive self is to devalue out-groups. When their members are relevant others and when we are better off compared to them, we will experience a positive self. Nevertheless, the hypothesised relationship is doubtful because the reference toward social identity theory does not hold. As Brown (2000) told us, that theory is one only explaining preference of the in-group. Therefore, other factors must be given that people degrade foreigners or immigrants. Furthermore, one can image the reverse relationship, too. It is possible that I feel strongly bound to my country because I do not like foreigners. A third possibility is a simple correlational

structure between in-group and out-group attitudes. It is argued, here, that there might be no causality at all insofar as the assumption of a We automatically creates a Them. If this is an automatism, we cannot expect a causality in any direction.

When reflecting the different theoretical possibilities the idea came up to do a test on the contrasting models. If a model test provides us with a convincing result, it will be necessary, then, to develop a respective theory for the model with the best empirical fit. Consequently, it was decided to test a correlational relationship between nationalism, patriotism, and anti-immigration attitudes against to causal models. In the first one Blank and Schmidt's hypothesis is tested with nationalism and patriotism as predictors of anti-immigration attitudes. In the second one the causal direction is turned into the opposite direction. To test which of the two causal models is the better one, finally, a nonrecursive model is tested with reverse regression paths in both direction between in-group and out-group attitudes.

### *3. The ISSP survey and the German sub-sample*

The model test has been carried out with the German ISSP data set from 1995. By using it it is possible to compare the results with the outcome presented by Blank and Schmidt (1997; 2003) who applied the causal model with paths from in-group to out-group attitudes. As they collected their data in 1993 and as the political situation did not fundamentally changed within the two years in Germany, it should be able to replicate their model with the data from 1995.

The ISSP data set consists of 1,984 respondents. This number had to be reduced because 166 stated that they have another than German citizenship. The remaining sample of 1,818 respondents is representative for the German electorate (Germans aged 18 and older). When looking for the descriptive statistics, it was detected that a considerable number of respondents refused to answer the one or another item dealing with pride on national characteristics which are indicators for nationalism and patriotism. Taken together all items measuring these factors the missing rate is about 10.5 percent on average. As this amount of missing cases would lead to a larger drop-out a missing imputation has been employed to the data set. In two separate operations a huge number of missing values of all items measuring pride on national characteristics as well as anti-immigration attitudes could be imputed by operating several linear regression analyses (StataCorp 2011). As a result, 1,754 cases remained in the data set.

Following the idea of Bengt Muthén (1989) that we have to expect attitude heterogeneity in large populations it could be shown in another study (Heinrich 2016) that there is a consider-

able number of Germans who do not differentiate between nationalism and patriotism as two distinct concepts. Instead, one sixth of the population is more or less proud of national characteristics in the same manner. Whether it is national dominance in Europe which stands for nationalism or the belief in group solidarity which is an indicator for patriotism these Germans are proud of all of these aspects or refuse to have this feeling. In order to separate the two groups (the so called pride group from those clearly differentiating between nationalism and patriotism) a latent class analysis has been used. Congruent with the result of an earlier study operating German data from 1993 (Heinrich 2016), here, such a pride group could be identified, too. Therefore, those who do not differentiate between the items' nationalistic or patriotic content were dropped from the sample. Finally, the sample operated in the present study consists of 1,460 cases. They show clear answering patterns with regard to nationalism and patriotism.

The respondents who are part of this study split into 53.7 percent males and 46.3 percent females with an age of about 46.1 years on average. The information about all other relevant demographic characteristics can be picked out from the univariate statistics which is presented in the following sections as part of the model output. The original wording of all items inserted into the structural equation models can be taken from GESIS codebook (1995).

#### 4. Documentation of Mplus models

In the following subchapters the model output of all four models is presented. The covariance and correlation matrices are only shown in chapter 4.1.

##### 4.1 Model 1 with factor correlations

###### INPUT INSTRUCTIONS

```
VARIABLE:  NAMES ARE
            id clu
            v28demo v31soz v37grp
            v29einfl v24bess1 v25bess2 v36gch v33sport
            v47krimi v49jobs v51anzhl
            v201alt v204bildg v266dienst v267schicht v269lire;
USEVARIABLES ARE
            v28demo
            v31soz
            v24bess1
            v25bess2
            v36gch
            v33sport
            v47krimi
            v49jobs
            v51anzhl
            v204bildg
            v267schicht
            v269lire;
MISSING IS *;
```

ANALYSIS: TYPE = GENERAL;  
 ESTIMATOR IS MLR;  
 ITERATIONS = 100000;  
 CONVERGENCE = 0.00005;  
 INFORMATION = EXPECTED;

MODEL:

LIRE BY v269lire@1;  
 v269lire@0;  
 EDU BY v204bildg@1;  
 v204bildg@0;  
 STAT BY v267schicht@1;  
 v267schicht@0;  
 PAT BY v28demo  
 v31soz;  
 NAT BY v24bess1  
 v25bess2  
 v36gch  
 v33sport;  
 AUSL BY v47krimi  
 v49jobs  
 v51anzhl;  
 PAT NAT AUSL ON LIRE;  
 NAT AUSL ON EDU;  
 PAT AUSL ON STAT;  
 v28demo WITH v49jobs;  
 v24bess1 WITH v25bess2;

OUTPUT: SAMPSTAT MODINDICES (5)  
 STDYX TECH1 TECH4;

SUMMARY OF ANALYSIS

Estimator	MLR
Information matrix	EXPECTED
Maximum number of iterations	100000
Convergence criterion	0.500D-04
Maximum number of steepest descent iterations	20

SAMPLE STATISTICS

	Covariances				
	V28DEMO	V31SOZ	V24BESS1	V25BESS2	V36GCH
V28DEMO	0.586				
V31SOZ	0.316	0.747			
V24BESS1	0.107	0.081	1.029		
V25BESS2	0.152	0.118	0.627	1.221	
V36GCH	0.097	0.110	0.252	0.223	0.647
V33SPORT	0.069	0.040	0.195	0.199	0.144
V47KRIMI	-0.037	-0.032	0.396	0.386	0.195
V49JOBS	-0.128	-0.102	0.402	0.376	0.157
V51ANZHL	-0.046	-0.019	0.236	0.209	0.160
V204BILD	-0.056	-0.096	0.769	0.574	0.379
V267SCHI	-0.115	-0.121	0.070	0.005	-0.010
V269LIRE	-0.160	-0.198	-0.163	-0.160	-0.136
	V33SPORT	V47KRIMI	V49JOBS	V51ANZHL	V204BILD
V33SPORT	0.684				
V47KRIMI	0.197	1.187			
V49JOBS	0.233	0.663	1.300		
V51ANZHL	0.156	0.508	0.524	0.790	
V204BILD	0.571	0.804	1.088	0.861	11.216
V267SCHI	0.040	0.097	0.169	0.063	0.701
V269LIRE	-0.077	-0.163	-0.111	-0.150	-0.293
	V267SCHI	V269LIRE			
V267SCHI	0.541				
V269LIRE	0.098	1.111			

Correlations		V31SOZ	V24BESS1	V25BESS2	V36GCH
	V28DEMO				
V28DEMO	1.000				
V31SOZ	0.477	1.000			
V24BESS1	0.138	0.092	1.000		
V25BESS2	0.180	0.123	0.559	1.000	
V36GCH	0.157	0.158	0.308	0.251	1.000
V33SPORT	0.109	0.056	0.232	0.218	0.216
V47KRIMI	-0.044	-0.034	0.359	0.321	0.223
V49JOBS	-0.146	-0.104	0.348	0.298	0.171
V51ANZHL	-0.067	-0.025	0.262	0.213	0.223
V204BILD	-0.022	-0.033	0.226	0.155	0.141
V267SCHI	-0.204	-0.190	0.093	0.006	-0.017
V269LIRE	-0.199	-0.218	-0.152	-0.138	-0.160

  

	V33SPORT	V47KRIMI	V49JOBS	V51ANZHL	V204BILD
V33SPORT	1.000				
V47KRIMI	0.219	1.000			
V49JOBS	0.247	0.534	1.000		
V51ANZHL	0.212	0.525	0.517	1.000	
V204BILD	0.206	0.220	0.285	0.289	1.000
V267SCHI	0.066	0.120	0.202	0.096	0.284
V269LIRE	-0.089	-0.142	-0.092	-0.160	-0.083

  

	V267SCHI	V269LIRE
V267SCHI	1.000	
V269LIRE	0.126	1.000

UNIVARIATE SAMPLE STATISTICS

UNIVARIATE HIGHER-ORDER MOMENT DESCRIPTIVE STATISTICS

Variable/ Sample Size	Mean/ Variance	Skewness/ Kurtosis	Minimum/ Maximum	% with Min/Max	Percentiles 20%/60%	40%/80%	Median
V28DEMO	2.394	0.122	1.000	10.41%	2.000	2.000	2.000
1220.000	0.586	-0.329	4.000	6.89%	3.000	3.000	
V31SOZ	2.286	0.275	1.000	17.87%	2.000	2.000	2.000
1220.000	0.747	-0.553	4.000	9.26%	2.000	3.000	
V24BESS1	3.641	-0.463	1.000	2.70%	3.000	3.265	4.000
1220.000	1.029	-0.296	5.000	21.31%	4.000	5.000	
V25BESS2	3.089	0.071	1.000	6.48%	2.000	3.000	3.000
1220.000	1.221	-0.749	5.000	12.05%	3.000	4.000	
V36GCH	3.020	-0.462	1.000	3.69%	2.000	3.000	3.000
1220.000	0.647	-0.364	4.000	29.26%	3.000	4.000	
V33SPORT	2.235	0.476	1.000	16.31%	2.000	2.000	2.000
1220.000	0.684	-0.177	4.000	8.85%	2.000	3.000	
V47KRIMI	2.527	0.377	1.000	18.03%	2.000	2.000	2.000
1220.000	1.187	-0.619	5.000	4.18%	3.000	4.000	
V49JOBS	3.134	-0.202	1.000	8.93%	2.000	3.000	3.000
1220.000	1.300	-0.838	5.000	10.41%	4.000	4.000	
V51ANZHL	1.829	0.742	0.562	0.08%	1.000	1.000	2.000
1220.000	0.790	-0.161	5.000	0.66%	2.000	3.000	
V204BILDG	11.245	1.135	1.000	0.16%	8.000	10.000	10.000
1220.000	11.216	1.333	28.000	0.08%	11.000	13.000	
V267SCHICHT	2.863	-0.224	1.000	3.77%	2.000	3.000	3.000
1220.000	0.541	0.418	5.000	0.82%	3.000	3.000	
V269LIRE	2.725	0.321	1.000	6.48%	2.000	2.000	2.000
1220.000	1.111	-1.318	5.000	1.72%	3.000	4.000	

## MODEL FIT INFORMATION

Number of Free Parameters	48
Loglikelihood	
H0 Value	-19771.124
H0 Scaling Correction Factor for MLR	1.0334
H1 Value	-19713.735
H1 Scaling Correction Factor for MLR	1.0408
Information Criteria	
Akaike (AIC)	39638.247
Bayesian (BIC)	39883.364
Sample-Size Adjusted BIC (n* = (n + 2) / 24)	39730.896
Chi-Square Test of Model Fit	
Value	109.394*
Degrees of Freedom	42
P-Value	0.0000
Scaling Correction Factor for MLR	1.0492
RMSEA (Root Mean Square Error Of Approximation)	
Estimate	0.036
90 Percent C.I.	0.028 0.045
Probability RMSEA <= .05	0.997
CFI/TLI	
CFI	0.975
TLI	0.960
Chi-Square Test of Model Fit for the Baseline Model	
Value	2735.235
Degrees of Freedom	66
P-Value	0.0000
SRMR (Standardized Root Mean Square Residual)	
Value	0.026

## MODEL RESULTS

	Estimate	S.E.	Est./S.E.	Two-Tailed P-Value
LIRE BY				
V269LIRE	1.000	0.000	999.000	999.000
EDU BY				
V204BILDG	1.000	0.000	999.000	999.000
STAT BY				
V267SCHICH	1.000	0.000	999.000	999.000
PAT BY				
V28DEMO	1.000	0.000	999.000	999.000
V31SOZ	1.009	0.085	11.924	0.000
NAT BY				
V24BESS1	1.000	0.000	999.000	999.000
V25BESS2	0.973	0.061	16.071	0.000
V36GCH	0.610	0.051	11.978	0.000
V33SPORT	0.570	0.054	10.556	0.000
AUSL BY				
V47KRIMI	1.000	0.000	999.000	999.000
V49JOBS	1.062	0.047	22.592	0.000
V51ANZHL	0.777	0.036	21.476	0.000

		Estimate	S.E.	Est./S.E.	Two-Tailed P-Value
PAT	ON				
	LIRE	-0.138	0.020	-7.056	0.000
	STAT	-0.189	0.028	-6.850	0.000
NAT	ON				
	LIRE	-0.138	0.022	-6.365	0.000
	EDU	0.062	0.008	8.021	0.000
AUSL	ON				
	LIRE	-0.126	0.023	-5.457	0.000
	EDU	0.075	0.008	10.033	0.000
	STAT	0.133	0.033	4.046	0.000
EDU	WITH				
	LIRE	-0.293	0.098	-3.004	0.003
STAT	WITH				
	LIRE	0.098	0.024	4.126	0.000
	EDU	0.701	0.073	9.536	0.000
NAT	WITH				
	PAT	0.105	0.016	6.691	0.000
AUSL	WITH				
	PAT	-0.057	0.017	-3.453	0.001
	NAT	0.264	0.024	11.038	0.000
V28DEMO	WITH				
	V49JOBS	-0.044	0.018	-2.489	0.013
V24BESS1	WITH				
	V25BESS2	0.255	0.037	6.928	0.000
Intercepts					
	V28DEMO	2.394	0.022	109.246	0.000
	V31SOZ	2.286	0.025	92.392	0.000
	V24BESS1	3.641	0.029	125.355	0.000
	V25BESS2	3.089	0.032	97.641	0.000
	V36GCH	3.020	0.023	131.178	0.000
	V33SPORT	2.235	0.024	94.394	0.000
	V47KRIMI	2.527	0.031	81.013	0.000
	V49JOBS	3.134	0.033	95.980	0.000
	V51ANZHL	1.829	0.025	71.874	0.000
	V204BILDG	11.245	0.096	117.279	0.000
	V267SCHICH	2.863	0.021	135.950	0.000
	V269LIRE	2.725	0.030	90.328	0.000
Variances					
	LIRE	1.111	0.026	42.310	0.000
	EDU	11.216	0.586	19.131	0.000
	STAT	0.541	0.024	22.464	0.000
Residual Variances					
	V28DEMO	0.272	0.027	10.225	0.000
	V31SOZ	0.432	0.033	13.247	0.000
	V24BESS1	0.648	0.040	16.354	0.000
	V25BESS2	0.860	0.044	19.585	0.000
	V36GCH	0.505	0.023	21.663	0.000
	V33SPORT	0.560	0.026	21.649	0.000
	V47KRIMI	0.551	0.037	14.700	0.000
	V49JOBS	0.583	0.037	15.575	0.000
	V51ANZHL	0.406	0.023	17.385	0.000
	V204BILDG	0.000	0.000	999.000	999.000
	V267SCHICH	0.000	0.000	999.000	999.000
	V269LIRE	0.000	0.000	999.000	999.000
	PAT	0.264	0.027	9.670	0.000
	NAT	0.312	0.040	7.893	0.000
	AUSL	0.528	0.040	13.362	0.000



## STANDARDIZED MODEL RESULTS

## STDYX Standardization

	Estimate	S.E.	Est./S.E.	Two-Tailed P-Value
LIRE BY				
V269LIRE	1.000	0.000	999.000	999.000
EDU BY				
V204BILDG	1.000	0.000	999.000	999.000
STAT BY				
V267SCHICH	1.000	0.000	999.000	999.000
PAT BY				
V28DEMO	0.730	0.031	23.764	0.000
V31SOZ	0.650	0.033	19.826	0.000
NAT BY				
V24BESS1	0.609	0.030	19.954	0.000
V25BESS2	0.544	0.032	17.127	0.000
V36GCH	0.468	0.028	16.559	0.000
V33SPORT	0.426	0.031	13.533	0.000
AUSL BY				
V47KRIMI	0.732	0.021	34.629	0.000
V49JOBS	0.743	0.020	38.001	0.000
V51ANZHL	0.697	0.019	36.068	0.000
PAT ON				
LIRE	-0.262	0.036	-7.350	0.000
STAT	-0.250	0.035	-7.072	0.000
NAT ON				
LIRE	-0.236	0.036	-6.632	0.000
EDU	0.334	0.038	8.833	0.000
AUSL ON				
LIRE	-0.166	0.030	-5.579	0.000
EDU	0.317	0.028	11.145	0.000
STAT	0.123	0.030	4.087	0.000
EDU WITH				
LIRE	-0.083	0.027	-3.034	0.002
STAT WITH				
LIRE	0.126	0.030	4.199	0.000
EDU	0.284	0.026	10.768	0.000
NAT WITH				
PAT	0.365	0.050	7.255	0.000
AUSL WITH				
PAT	-0.153	0.044	-3.526	0.000
NAT	0.650	0.042	15.528	0.000
V28DEMO WITH				
V49JOBS	-0.111	0.044	-2.547	0.011
V24BESS1 WITH				
V25BESS2	0.342	0.039	8.748	0.000
Intercepts				
V28DEMO	3.136	0.062	50.261	0.000
V31SOZ	2.644	0.048	55.157	0.000
V24BESS1	3.590	0.082	43.979	0.000
V25BESS2	2.796	0.052	54.239	0.000
V36GCH	3.756	0.084	44.967	0.000
V33SPORT	2.703	0.050	54.084	0.000
V47KRIMI	2.320	0.040	57.575	0.000
V49JOBS	2.748	0.055	49.523	0.000
V51ANZHL	2.058	0.034	60.250	0.000

	Estimate	S.E.	Est./S.E.	Two-Tailed P-Value
<b>Intercepts</b>				
V204BILDG	3.358	0.073	45.703	0.000
V267SCHICH	3.892	0.095	40.937	0.000
V269LIRE	2.586	0.033	78.944	0.000
<b>Variances</b>				
LIRE	1.000	0.000	999.000	999.000
EDU	1.000	0.000	999.000	999.000
STAT	1.000	0.000	999.000	999.000
<b>Residual Variances</b>				
V28DEMO	0.468	0.045	10.435	0.000
V31SOZ	0.578	0.043	13.552	0.000
V24BESS1	0.630	0.037	16.962	0.000
V25BESS2	0.704	0.035	20.395	0.000
V36GCH	0.781	0.026	29.469	0.000
V33SPORT	0.819	0.027	30.601	0.000
V47KRIMI	0.464	0.031	15.007	0.000
V49JOBS	0.448	0.029	15.432	0.000
V51ANZHL	0.514	0.027	19.080	0.000
V204BILDG	0.000	999.000	999.000	999.000
V267SCHICH	0.000	999.000	999.000	999.000
V269LIRE	0.000	999.000	999.000	999.000
PAT	0.853	0.026	33.136	0.000
NAT	0.820	0.031	26.065	0.000
AUSL	0.831	0.022	37.357	0.000

R-SQUARE

Observed Variable	Estimate	S.E.	Est./S.E.	Two-Tailed P-Value
V28DEMO	0.532	0.045	11.882	0.000
V31SOZ	0.422	0.043	9.913	0.000
V24BESS1	0.370	0.037	9.977	0.000
V25BESS2	0.296	0.035	8.563	0.000
V36GCH	0.219	0.026	8.279	0.000
V33SPORT	0.181	0.027	6.766	0.000
V47KRIMI	0.536	0.031	17.314	0.000
V49JOBS	0.552	0.029	19.000	0.000
V51ANZHL	0.486	0.027	18.034	0.000
V204BILD	1.000	999.000	999.000	999.000
V267SCHI	1.000	999.000	999.000	999.000
V269LIRE	1.000	999.000	999.000	999.000
<b>Latent</b>				
Variable	Estimate	S.E.	Est./S.E.	Two-Tailed P-Value
PAT	0.147	0.026	5.725	0.000
NAT	0.180	0.031	5.739	0.000
AUSL	0.169	0.022	7.593	0.000

MODEL MODIFICATION INDICES

Minimum M.I. value for printing the modification index 5.000

BY Statements	M.I.	E.P.C.	Std E.P.C.	StdYX E.P.C.
LIRE BY V49JOBS	7.512	0.075	0.079	0.070
EDU BY V33SPORT	6.404	0.020	0.068	0.083
EDU BY V47KRIMI	10.493	-0.029	-0.098	-0.090
STAT BY V24BESS1	8.989	0.098	0.072	0.071
STAT BY V25BESS2	5.343	-0.084	-0.062	-0.056
STAT BY V49JOBS	13.923	0.147	0.108	0.095
STAT BY V51ANZHL	5.761	-0.074	-0.055	-0.061
PAT BY V24BESS1	8.170	-0.173	-0.096	-0.095
PAT BY V36GCH	6.965	0.146	0.081	0.101
PAT BY V49JOBS	10.472	-0.227	-0.126	-0.111
AUSL BY V36GCH	8.957	-0.179	-0.142	-0.177

	M.I.	E.P.C.	Std E.P.C.	StdYX E.P.C.
WITH Statements				
V49JOBS WITH V36GCH	10.412	-0.065	-0.065	-0.120
V51ANZHL WITH V24BESS1	5.399	-0.040	-0.040	-0.078
V51ANZHL WITH V25BESS2	5.063	-0.043	-0.043	-0.073
V204BILD WITH V47KRIMI	9.885	-0.261	-0.261	999.000
V204BILD WITH V51ANZHL	9.001	0.204	0.204	999.000
V267SCHI WITH V24BESS1	5.492	0.038	0.038	999.000
V267SCHI WITH V49JOBS	8.187	0.055	0.055	999.000
V267SCHI WITH V51ANZHL	7.186	-0.040	-0.040	999.000

## 4.2 Model 2 with nationalism and patriotism on anti-immigration

### INPUT INSTRUCTIONS

```

VARIABLE:  NAMES ARE
            id clu
            v28demo v31soz v37grp
            v29einfl v24bess1 v25bess2 v36gch v33sport
            v47krimi v49jobs v51anzhl
            v201alt v204bildg v266dienst v267schicht v269lire;
USEVARIABLES ARE
            v28demo
            v31soz
            v24bess1
            v25bess2
            v36gch
            v33sport
            v47krimi
            v49jobs
            v51anzhl
            v204bildg
            v267schicht
            v269lire;
MISSING IS *;
ANALYSIS:  TYPE = GENERAL;
            ESTIMATOR IS MLR;
            ITERATIONS = 100000;
            CONVERGENCE = 0.00005;
            INFORMATION = EXPECTED;
MODEL:
LIRE BY    v269lire@1;
           v269lire@0;
EDU BY     v204bildg@1;
           v204bildg@0;
STAT BY    v267schicht@1;
           v267schicht@0;
PAT BY     v28demo*
           v31soz;
NAT BY     v24bess1*
           v25bess2
           v36gch
           v33sport;
AUSL BY    v47krimi
           v49jobs
           v51anzhl;

NAT@1;
PAT@1;

NAT PAT ON LIRE;
NAT ON EDU;
AUSL ON PAT;
AUSL ON NAT;
PAT ON STAT;

NAT WITH PAT;

v28demo WITH v49jobs;
v24bess1 WITH v25bess2;

```

OUTPUT:       SAMPSTAT MODINDICES (5)  
               STDYX TECH1 TECH4;

SUMMARY OF ANALYSIS

Estimator	MLR
Information matrix	EXPECTED
Maximum number of iterations	100000
Convergence criterion	0.500D-04
Maximum number of steepest descent iterations	20

SAMPLE STATISTICS

Covariances					
	V28DEMO	V31SOZ	V24BESS1	V25BESS2	V36GCH
V28DEMO	0.586				
V31SOZ	0.316	0.747			
V24BESS1	0.107	0.081	1.029		
V25BESS2	0.152	0.118	0.627	1.221	
V36GCH	0.097	0.110	0.252	0.223	0.647
V33SPORT	0.069	0.040	0.195	0.199	0.144
V47KRIMI	-0.037	-0.032	0.396	0.386	0.195
V49JOBS	-0.128	-0.102	0.402	0.376	0.157
V51ANZHL	-0.046	-0.019	0.236	0.209	0.160
V204BILD	-0.056	-0.096	0.769	0.574	0.379
V267SCHI	-0.115	-0.121	0.070	0.005	-0.010
V269LIRE	-0.160	-0.198	-0.163	-0.160	-0.136
	V33SPORT	V47KRIMI	V49JOBS	V51ANZHL	V204BILD
V33SPORT	0.684				
V47KRIMI	0.197	1.187			
V49JOBS	0.233	0.663	1.300		
V51ANZHL	0.156	0.508	0.524	0.790	
V204BILD	0.571	0.804	1.088	0.861	11.216
V267SCHI	0.040	0.097	0.169	0.063	0.701
V269LIRE	-0.077	-0.163	-0.111	-0.150	-0.293
	V267SCHI	V269LIRE			
V267SCHI	0.541				
V269LIRE	0.098	1.111			
Correlations					
	V28DEMO	V31SOZ	V24BESS1	V25BESS2	V36GCH
V28DEMO	1.000				
V31SOZ	0.477	1.000			
V24BESS1	0.138	0.092	1.000		
V25BESS2	0.180	0.123	0.559	1.000	
V36GCH	0.157	0.158	0.308	0.251	1.000
V33SPORT	0.109	0.056	0.232	0.218	0.216
V47KRIMI	-0.044	-0.034	0.359	0.321	0.223
V49JOBS	-0.146	-0.104	0.348	0.298	0.171
V51ANZHL	-0.067	-0.025	0.262	0.213	0.223
V204BILD	-0.022	-0.033	0.226	0.155	0.141
V267SCHI	-0.204	-0.190	0.093	0.006	-0.017
V269LIRE	-0.199	-0.218	-0.152	-0.138	-0.160
	V33SPORT	V47KRIMI	V49JOBS	V51ANZHL	V204BILD
V33SPORT	1.000				
V47KRIMI	0.219	1.000			
V49JOBS	0.247	0.534	1.000		
V51ANZHL	0.212	0.525	0.517	1.000	
V204BILD	0.206	0.220	0.285	0.289	1.000
V267SCHI	0.066	0.120	0.202	0.096	0.284
V269LIRE	-0.089	-0.142	-0.092	-0.160	-0.083

Correlations		
	V267SCHI	V269LIRE
V267SCHI	1.000	
V269LIRE	0.126	1.000

UNIVARIATE SAMPLE STATISTICS

UNIVARIATE HIGHER-ORDER MOMENT DESCRIPTIVE STATISTICS

Variable/ Sample Size	Mean/ Variance	Skewness/ Kurtosis	Minimum/ Maximum	% with Min/Max	20%/60%	Percentiles 40%/80%	Median
V28DEMO 1220.000	2.394 0.586	0.122 -0.329	1.000 4.000	10.41% 6.89%	2.000 3.000	2.000 3.000	2.000
V31SOZ 1220.000	2.286 0.747	0.275 -0.553	1.000 4.000	17.87% 9.26%	2.000 2.000	2.000 3.000	2.000
V24BESS1 1220.000	3.641 1.029	-0.463 -0.296	1.000 5.000	2.70% 21.31%	3.000 4.000	3.265 5.000	4.000
V25BESS2 1220.000	3.089 1.221	0.071 -0.749	1.000 5.000	6.48% 12.05%	2.000 3.000	3.000 4.000	3.000
V36GCH 1220.000	3.020 0.647	-0.462 -0.364	1.000 4.000	3.69% 29.26%	2.000 3.000	3.000 4.000	3.000
V33SPORT 1220.000	2.235 0.684	0.476 -0.177	1.000 4.000	16.31% 8.85%	2.000 2.000	2.000 3.000	2.000
V47KRIMI 1220.000	2.527 1.187	0.377 -0.619	1.000 5.000	18.03% 4.18%	2.000 3.000	2.000 4.000	2.000
V49JOBS 1220.000	3.134 1.300	-0.202 -0.838	1.000 5.000	8.93% 10.41%	2.000 4.000	3.000 4.000	3.000
V51ANZHL 1220.000	1.829 0.790	0.742 -0.161	0.562 5.000	0.08% 0.66%	1.000 2.000	1.000 3.000	2.000
V204BILDG 1220.000	11.245 11.216	1.135 1.333	1.000 28.000	0.16% 0.08%	8.000 11.000	10.000 13.000	10.000
V267SCHICHT 1220.000	2.863 0.541	-0.224 0.418	1.000 5.000	3.77% 0.82%	2.000 3.000	3.000 3.000	3.000
V269LIRE 1220.000	2.725 1.111	0.321 -1.318	1.000 5.000	6.48% 1.72%	2.000 3.000	2.000 4.000	2.000

MODEL FIT INFORMATION

Number of Free Parameters 45

Loglikelihood

H0 Value -19774.314  
 H0 Scaling Correction Factor 1.0279  
 for MLR  
 H1 Value -19713.735  
 H1 Scaling Correction Factor 1.0408  
 for MLR

Information Criteria

Akaike (AIC) 39638.628  
 Bayesian (BIC) 39868.426  
 Sample-Size Adjusted BIC 39725.487  
 (n\* = (n + 2) / 24)

Chi-Square Test of Model Fit

Value 114.987\*  
 Degrees of Freedom 45  
 P-Value 0.0000  
 Scaling Correction Factor 1.0537  
 for MLR

RMSEA (Root Mean Square Error Of Approximation)

Estimate 0.036  
 90 Percent C.I. 0.028 0.044  
 Probability RMSEA <= .05 0.998

CFI/TLI

CFI 0.974  
 TLI 0.962

## Chi-Square Test of Model Fit for the Baseline Model

Value	2735.235
Degrees of Freedom	66
P-Value	0.0000

## SRMR (Standardized Root Mean Square Residual)

Value	0.027
-------	-------

## MODEL RESULTS

	Estimate	S.E.	Est./S.E.	Two-Tailed P-Value
LIRE BY				
V269LIRE	1.000	0.000	999.000	999.000
EDU BY				
V204BILDG	1.000	0.000	999.000	999.000
STAT BY				
V267SCHICH	1.000	0.000	999.000	999.000
PAT BY				
V28DEMO	0.520	0.026	19.741	0.000
V31SOZ	0.519	0.030	17.269	0.000
NAT BY				
V24BESS1	0.530	0.030	17.478	0.000
V25BESS2	0.515	0.033	15.487	0.000
V36GCH	0.326	0.022	14.819	0.000
V33SPORT	0.307	0.025	12.373	0.000
AUSL BY				
V47KRIMI	1.000	0.000	999.000	999.000
V49JOBS	1.063	0.047	22.513	0.000
V51ANZHL	0.775	0.036	21.437	0.000
NAT ON				
LIRE	-0.300	0.035	-8.565	0.000
EDU	0.118	0.011	10.310	0.000
PAT ON				
LIRE	-0.255	0.038	-6.695	0.000
STAT	-0.370	0.051	-7.311	0.000
AUSL ON				
PAT	-0.340	0.038	-8.847	0.000
NAT	0.634	0.039	16.133	0.000
NAT WITH				
PAT	0.377	0.048	7.873	0.000
EDU WITH				
LIRE	-0.293	0.098	-3.004	0.003
STAT WITH				
LIRE	0.098	0.024	4.126	0.000
EDU	0.701	0.073	9.536	0.000
V28DEMO WITH				
V49JOBS	-0.045	0.018	-2.548	0.011
V24BESS1 WITH				
V25BESS2	0.278	0.034	8.178	0.000
Intercepts				
V28DEMO	2.394	0.022	109.246	0.000
V31SOZ	2.286	0.025	92.392	0.000
V24BESS1	3.641	0.029	125.355	0.000
V25BESS2	3.089	0.032	97.641	0.000
V36GCH	3.020	0.023	131.178	0.000

	Estimate	S.E.	Est./S.E.	Two-Tailed P-Value
<b>Intercepts</b>				
V33SPORT	2.235	0.024	94.394	0.000
V47KRIMI	2.527	0.031	81.013	0.000
V49JOBS	3.134	0.033	95.980	0.000
V51ANZHL	1.829	0.025	71.874	0.000
V204BILDG	11.245	0.096	117.279	0.000
V267SCHICH	2.863	0.021	135.950	0.000
V269LIRE	2.725	0.030	90.328	0.000
<b>Variances</b>				
LIRE	1.111	0.026	42.310	0.000
EDU	11.216	0.586	19.131	0.000
STAT	0.541	0.024	22.464	0.000
<b>Residual Variances</b>				
V28DEMO	0.268	0.027	10.055	0.000
V31SOZ	0.435	0.033	13.242	0.000
V24BESS1	0.671	0.037	18.325	0.000
V25BESS2	0.882	0.041	21.677	0.000
V36GCH	0.510	0.023	21.858	0.000
V33SPORT	0.563	0.026	22.049	0.000
V47KRIMI	0.550	0.038	14.667	0.000
V49JOBS	0.581	0.038	15.427	0.000
V51ANZHL	0.408	0.023	17.361	0.000
V204BILDG	0.000	0.000	999.000	999.000
V267SCHICH	0.000	0.000	999.000	999.000
V269LIRE	0.000	0.000	999.000	999.000
PAT	1.000	0.000	999.000	999.000
NAT	1.000	0.000	999.000	999.000
AUSL	0.182	0.035	5.213	0.000

STANDARDIZED MODEL RESULTS - STDYX Standardization

	Estimate	S.E.	Est./S.E.	Two-Tailed P-Value
LIRE BY V269LIRE	1.000	0.000	999.000	999.000
EDU BY V204BILDG	1.000	0.000	999.000	999.000
STAT BY V267SCHICH	1.000	0.000	999.000	999.000
PAT BY V28DEMO	0.735	0.031	24.000	0.000
PAT BY V31SOZ	0.647	0.033	19.545	0.000
NAT BY V24BESS1	0.590	0.028	20.874	0.000
NAT BY V25BESS2	0.527	0.030	17.757	0.000
NAT BY V36GCH	0.458	0.028	16.373	0.000
NAT BY V33SPORT	0.420	0.031	13.564	0.000
AUSL BY V47KRIMI	0.732	0.021	34.624	0.000
AUSL BY V49JOBS	0.744	0.020	37.847	0.000
AUSL BY V51ANZHL	0.695	0.019	35.746	0.000
NAT ON LIRE	-0.280	0.030	-9.300	0.000
NAT ON EDU	0.350	0.029	12.081	0.000
PAT ON LIRE	-0.249	0.035	-7.160	0.000
PAT ON STAT	-0.252	0.033	-7.660	0.000
AUSL ON PAT	-0.460	0.049	-9.354	0.000
AUSL ON NAT	0.898	0.039	22.748	0.000

STANDARDIZED MODEL RESULTS - STDYX Standardization

NAT	WITH				
PAT		0.377	0.048	7.873	0.000
EDU	WITH				
LIRE		-0.083	0.027	-3.034	0.002
STAT	WITH				
LIRE		0.126	0.030	4.199	0.000
EDU		0.284	0.026	10.768	0.000
V28DEMO	WITH				
V49JOBS		-0.114	0.044	-2.612	0.009
V24BESS1	WITH				
V25BESS2		0.361	0.036	10.125	0.000
Intercepts					
V28DEMO		3.136	0.062	50.271	0.000
V31SOZ		2.644	0.048	55.203	0.000
V24BESS1		3.590	0.082	43.955	0.000
V25BESS2		2.796	0.052	54.228	0.000
V36GCH		3.756	0.084	44.956	0.000
V33SPORT		2.703	0.050	54.088	0.000
V47KRIMI		2.320	0.040	57.554	0.000
V49JOBS		2.748	0.056	49.502	0.000
V51ANZHL		2.058	0.034	60.146	0.000
V204BILDG		3.358	0.073	45.703	0.000
V267SCHICH		3.892	0.095	40.937	0.000
V269LIRE		2.586	0.033	78.944	0.000
Variances					
LIRE		1.000	0.000	999.000	999.000
EDU		1.000	0.000	999.000	999.000
STAT		1.000	0.000	999.000	999.000
Residual Variances					
V28DEMO		0.460	0.045	10.211	0.000
V31SOZ		0.581	0.043	13.558	0.000
V24BESS1		0.652	0.033	19.539	0.000
V25BESS2		0.722	0.031	23.090	0.000
V36GCH		0.790	0.026	30.778	0.000
V33SPORT		0.824	0.026	31.716	0.000
V47KRIMI		0.464	0.031	14.972	0.000
V49JOBS		0.447	0.029	15.298	0.000
V51ANZHL		0.517	0.027	19.095	0.000
V204BILDG		0.000	999.000	999.000	999.000
V267SCHICH		0.000	999.000	999.000	999.000
V269LIRE		0.000	999.000	999.000	999.000
PAT		0.859	0.024	36.140	0.000
NAT		0.783	0.026	30.499	0.000
AUSL		0.287	0.052	5.465	0.000
R-SQUARE					
Observed					
Variable	Estimate	S.E.	Est./S.E.	Two-Tailed	P-Value
V28DEMO	0.540	0.045	12.000	0.000	
V31SOZ	0.419	0.043	9.773	0.000	
V24BESS1	0.348	0.033	10.437	0.000	
V25BESS2	0.278	0.031	8.879	0.000	
V36GCH	0.210	0.026	8.187	0.000	
V33SPORT	0.176	0.026	6.782	0.000	
V47KRIMI	0.536	0.031	17.312	0.000	
V49JOBS	0.553	0.029	18.924	0.000	
V51ANZHL	0.483	0.027	17.873	0.000	
V204BILD	1.000	999.000	999.000	999.000	
V267SCHI	1.000	999.000	999.000	999.000	
V269LIRE	1.000	999.000	999.000	999.000	



## STANDARDIZED MODEL RESULTS - STDYX Standardization

Latent Variable	Estimate	S.E.	Est./S.E.	Two-Tailed P-Value
PAT	0.141	0.024	5.953	0.000
NAT	0.217	0.026	8.453	0.000
AUSL	0.713	0.052	13.583	0.000

## MODEL MODIFICATION INDICES

Minimum M.I. value for printing the modification index 5.000

		M.I.	E.P.C.	Std E.P.C.	StdYX E.P.C.
<b>BY Statements</b>					
LIRE	BY V31SOZ	5.690	-0.065	-0.069	-0.080
LIRE	BY V51ANZHL	6.756	-0.054	-0.057	-0.064
EDU	BY V25BESS2	5.059	-0.020	-0.068	-0.062
EDU	BY V47KRIMI	8.646	-0.026	-0.086	-0.079
EDU	BY V51ANZHL	5.365	0.017	0.056	0.063
STAT	BY V24BESS1	8.619	0.095	0.070	0.069
STAT	BY V25BESS2	5.255	-0.083	-0.061	-0.055
STAT	BY V49JOBS	12.439	0.130	0.096	0.084
STAT	BY V51ANZHL	5.004	-0.066	-0.049	-0.055
PAT	BY V24BESS1	8.201	-0.089	-0.097	-0.095
PAT	BY V36GCH	6.548	0.074	0.079	0.099
PAT	BY V49JOBS	10.075	-0.116	-0.125	-0.109
AUSL	BY V36GCH	10.382	-0.194	-0.155	-0.193
<b>WITH Statements</b>					
V49JOBS	WITH V36GCH	10.931	-0.067	-0.067	-0.122
V51ANZHL	WITH V24BESS1	5.720	-0.041	-0.041	-0.079
V51ANZHL	WITH V25BESS2	5.376	-0.045	-0.045	-0.074
V204BILD	WITH V47KRIMI	8.170	-0.227	-0.227	999.000
V204BILD	WITH V51ANZHL	9.327	0.200	0.200	999.000
V267SCHI	WITH V24BESS1	5.007	0.036	0.036	999.000
V267SCHI	WITH V49JOBS	7.446	0.049	0.049	999.000
V267SCHI	WITH V51ANZHL	6.085	-0.036	-0.036	999.000
V269LIRE	WITH V31SOZ	5.788	-0.063	-0.063	999.000
V269LIRE	WITH V51ANZHL	5.698	-0.051	-0.051	999.000

### 4.3 Model 3 with anti-immigration on nationalism and patriotism

## INPUT INSTRUCTIONS

```

VARIABLE:  NAMES ARE
            id clu
            v28demo v31soz v37grp
            v29einfl v24bess1 v25bess2 v36gch v33sport
            v47krimi v49jobs v51anzhl
            v201alt v204bildg v266dienst v267schicht v269lire;
USEVARIABLES ARE
            v28demo
            v31soz
            v24bess1
            v25bess2
            v36gch
            v33sport
            v47krimi
            v49jobs
            v51anzhl
            v204bildg
            v267schicht
            v269lire;
MISSING IS *;
ANALYSIS:  TYPE = GENERAL;
            ESTIMATOR IS MLR;
            ITERATIONS = 100000;
            CONVERGENCE = 0.00005;
            INFORMATION = EXPECTED;

```

MODEL:

```

LIRE BY v269lire@1;
        v269lire@0;
EDU BY v204bildg@1;
       v204bildg@0;
STAT BY v267schicht@1;
       v267schicht@0;
PAT BY v28demo*
      v31soz;
NAT BY v24bess1*
      v25bess2
      v36gch
      v33sport;
AUSL BY v47krimi
      v49jobs
      v51anzhl;

NAT@1;
PAT@1;

AUSL ON LIRE;
AUSL ON EDU;
PAT ON AUSL;
NAT ON AUSL;
PAT ON LIRE;
NAT ON LIRE;
PAT AUSL ON STAT;

NAT WITH PAT;

v28demo WITH v49jobs;
v24bess1 WITH v25bess2;
    
```

```

OUTPUT:  SAMPSTAT MODINDICES (5)
         STDYX TECH1 TECH4;
    
```

SUMMARY OF ANALYSIS

Estimator	MLR
Information matrix	EXPECTED
Maximum number of iterations	100000
Convergence criterion	0.500D-04
Maximum number of steepest descent iterations	20

SAMPLE STATISTICS

	Covariances				
	V28DEMO	V31SOZ	V24BESS1	V25BESS2	V36GCH
V28DEMO	0.586				
V31SOZ	0.316	0.747			
V24BESS1	0.107	0.081	1.029		
V25BESS2	0.152	0.118	0.627	1.221	
V36GCH	0.097	0.110	0.252	0.223	0.647
V33SPORT	0.069	0.040	0.195	0.199	0.144
V47KRIMI	-0.037	-0.032	0.396	0.386	0.195
V49JOBS	-0.128	-0.102	0.402	0.376	0.157
V51ANZHL	-0.046	-0.019	0.236	0.209	0.160
V204BILD	-0.056	-0.096	0.769	0.574	0.379
V267SCHI	-0.115	-0.121	0.070	0.005	-0.010
V269LIRE	-0.160	-0.198	-0.163	-0.160	-0.136
	V33SPORT	V47KRIMI	V49JOBS	V51ANZHL	V204BILD
V33SPORT	0.684				
V47KRIMI	0.197	1.187			
V49JOBS	0.233	0.663	1.300		
V51ANZHL	0.156	0.508	0.524	0.790	
V204BILD	0.571	0.804	1.088	0.861	11.216
V267SCHI	0.040	0.097	0.169	0.063	0.701
V269LIRE	-0.077	-0.163	-0.111	-0.150	-0.293

Covariances		V267SCHI	V269LIRE			
V267SCHI	0.541					
V269LIRE	0.098	1.111				
Correlations						
V28DEMO	V31SOZ	V24BESS1	V25BESS2	V36GCH		
V28DEMO	1.000					
V31SOZ	0.477	1.000				
V24BESS1	0.138	0.092	1.000			
V25BESS2	0.180	0.123	0.559	1.000		
V36GCH	0.157	0.158	0.308	0.251	1.000	
V33SPORT	0.109	0.056	0.232	0.218	0.216	
V47KRIMI	-0.044	-0.034	0.359	0.321	0.223	
V49JOBS	-0.146	-0.104	0.348	0.298	0.171	
V51ANZHL	-0.067	-0.025	0.262	0.213	0.223	
V204BILD	-0.022	-0.033	0.226	0.155	0.141	
V267SCHI	-0.204	-0.190	0.093	0.006	-0.017	
V269LIRE	-0.199	-0.218	-0.152	-0.138	-0.160	
V33SPORT	V47KRIMI	V49JOBS	V51ANZHL	V204BILD		
V33SPORT	1.000					
V47KRIMI	0.219	1.000				
V49JOBS	0.247	0.534	1.000			
V51ANZHL	0.212	0.525	0.517	1.000		
V204BILD	0.206	0.220	0.285	0.289	1.000	
V267SCHI	0.066	0.120	0.202	0.096	0.284	
V269LIRE	-0.089	-0.142	-0.092	-0.160	-0.083	
V267SCHI	V269LIRE					
V267SCHI	1.000					
V269LIRE	0.126	1.000				

UNIVARIATE SAMPLE STATISTICS

UNIVARIATE HIGHER-ORDER MOMENT DESCRIPTIVE STATISTICS

Variable/ Sample Size	Mean/ Variance	Skewness/ Kurtosis	Minimum/ Maximum	% with Min/Max	Percentiles		
					20%/60%	40%/80%	Median
V28DEMO	2.394	0.122	1.000	10.41%	2.000	2.000	2.000
1220.000	0.586	-0.329	4.000	6.89%	3.000	3.000	
V31SOZ	2.286	0.275	1.000	17.87%	2.000	2.000	2.000
1220.000	0.747	-0.553	4.000	9.26%	2.000	3.000	
V24BESS1	3.641	-0.463	1.000	2.70%	3.000	3.265	4.000
1220.000	1.029	-0.296	5.000	21.31%	4.000	5.000	
V25BESS2	3.089	0.071	1.000	6.48%	2.000	3.000	3.000
1220.000	1.221	-0.749	5.000	12.05%	3.000	4.000	
V36GCH	3.020	-0.462	1.000	3.69%	2.000	3.000	3.000
1220.000	0.647	-0.364	4.000	29.26%	3.000	4.000	
V33SPORT	2.235	0.476	1.000	16.31%	2.000	2.000	2.000
1220.000	0.684	-0.177	4.000	8.85%	2.000	3.000	
V47KRIMI	2.527	0.377	1.000	18.03%	2.000	2.000	2.000
1220.000	1.187	-0.619	5.000	4.18%	3.000	4.000	
V49JOBS	3.134	-0.202	1.000	8.93%	2.000	3.000	3.000
1220.000	1.300	-0.838	5.000	10.41%	4.000	4.000	
V51ANZHL	1.829	0.742	0.562	0.08%	1.000	1.000	2.000
1220.000	0.790	-0.161	5.000	0.66%	2.000	3.000	
V204BILDG	11.245	1.135	1.000	0.16%	8.000	10.000	10.000
1220.000	11.216	1.333	28.000	0.08%	11.000	13.000	
V267SCHICHT	2.863	-0.224	1.000	3.77%	2.000	3.000	3.000
1220.000	0.541	0.418	5.000	0.82%	3.000	3.000	
V269LIRE	2.725	0.321	1.000	6.48%	2.000	2.000	2.000
1220.000	1.111	-1.318	5.000	1.72%	3.000	4.000	

MODEL FIT INFORMATION

Number of Free Parameters 47

Loglikelihood

H0 Value -19777.657  
 H0 Scaling Correction Factor 1.0301  
 for MLR  
 H1 Value -19713.735  
 H1 Scaling Correction Factor 1.0408  
 for MLR

Information Criteria

Akaike (AIC) 39649.314  
 Bayesian (BIC) 39889.324  
 Sample-Size Adjusted BIC 39740.033  
 (n\* = (n + 2) / 24)

Chi-Square Test of Model Fit

Value 121.471\*  
 Degrees of Freedom 43  
 P-Value 0.0000  
 Scaling Correction Factor 1.0525  
 for MLR

RMSEA (Root Mean Square Error Of Approximation)

Estimate 0.039  
 90 Percent C.I. 0.031 0.047  
 Probability RMSEA <= .05 0.989

CFI/TLI

CFI 0.971  
 TLI 0.955

Chi-Square Test of Model Fit for the Baseline Model

Value 2735.235  
 Degrees of Freedom 66  
 P-Value 0.0000

SRMR (Standardized Root Mean Square Residual)

Value 0.028

MODEL RESULTS

		Estimate	S.E.	Est./S.E.	Two-Tailed P-Value
LIRE	BY				
	V269LIRE	1.000	0.000	999.000	999.000
EDU	BY				
	V204BILDG	1.000	0.000	999.000	999.000
STAT	BY				
	V267SCHICH	1.000	0.000	999.000	999.000
PAT	BY				
	V28DEMO	0.508	0.027	18.919	0.000
	V31SOZ	0.515	0.030	16.921	0.000
NAT	BY				
	V24BESS1	0.430	0.038	11.421	0.000
	V25BESS2	0.418	0.038	10.983	0.000
	V36GCH	0.259	0.023	11.438	0.000
	V33SPORT	0.240	0.023	10.305	0.000
AUSL	BY				
	V47KRIMI	1.000	0.000	999.000	999.000
	V49JOBS	1.062	0.047	22.681	0.000
	V51ANZHL	0.779	0.036	21.568	0.000

		Estimate	S.E.	Est./S.E.	Two-Tailed P-Value
AUSL	ON				
	LIRE	-0.125	0.023	-5.382	0.000
	EDU	0.078	0.008	10.252	0.000
	STAT	0.128	0.036	3.564	0.000
PAT	ON				
	AUSL	-0.182	0.059	-3.092	0.002
	LIRE	-0.302	0.041	-7.404	0.000
	STAT	-0.308	0.055	-5.548	0.000
NAT	ON				
	AUSL	1.249	0.135	9.249	0.000
	LIRE	-0.194	0.049	-3.930	0.000
NAT	WITH				
	PAT	0.618	0.065	9.477	0.000
EDU	WITH				
	LIRE	-0.293	0.098	-3.004	0.003
STAT	WITH				
	LIRE	0.098	0.024	4.126	0.000
	EDU	0.701	0.073	9.536	0.000
V28DEMO	WITH				
	V49JOBS	-0.046	0.018	-2.600	0.009
V24BESS1	WITH				
	V25BESS2	0.249	0.038	6.632	0.000
Intercepts					
	V28DEMO	2.394	0.022	109.246	0.000
	V31SOZ	2.286	0.025	92.392	0.000
	V24BESS1	3.641	0.029	125.355	0.000
	V25BESS2	3.089	0.032	97.641	0.000
	V36GCH	3.020	0.023	131.178	0.000
	V33SPORT	2.235	0.024	94.394	0.000
	V47KRIMI	2.527	0.031	81.013	0.000
	V49JOBS	3.134	0.033	95.980	0.000
	V51ANZHL	1.829	0.025	71.874	0.000
	V204BILDG	11.245	0.096	117.279	0.000
	V267SCHICH	2.863	0.021	135.950	0.000
	V269LIRE	2.725	0.030	90.328	0.000
Variances					
	LIRE	1.111	0.026	42.310	0.000
	EDU	11.216	0.586	19.131	0.000
	STAT	0.541	0.024	22.464	0.000
Residual Variances					
	V28DEMO	0.274	0.027	10.203	0.000
	V31SOZ	0.431	0.033	13.046	0.000
	V24BESS1	0.640	0.041	15.712	0.000
	V25BESS2	0.854	0.045	19.087	0.000
	V36GCH	0.505	0.024	21.460	0.000
	V33SPORT	0.562	0.026	21.727	0.000
	V47KRIMI	0.554	0.037	14.889	0.000
	V49JOBS	0.587	0.037	15.948	0.000
	V51ANZHL	0.406	0.023	17.554	0.000
	V204BILDG	0.000	0.000	999.000	999.000
	V267SCHICH	0.000	0.000	999.000	999.000
	V269LIRE	0.000	0.000	999.000	999.000
	PAT	1.000	0.000	999.000	999.000
	NAT	1.000	0.000	999.000	999.000
	AUSL	0.521	0.039	13.331	0.000

## STANDARDIZED MODEL RESULTS

## STDYX Standardization

	Estimate	S.E.	Est./S.E.	Two-Tailed P-Value
LIRE BY				
V269LIRE	1.000	0.000	999.000	999.000
EDU BY				
V204BILDG	1.000	0.000	999.000	999.000
STAT BY				
V267SCHICH	1.000	0.000	999.000	999.000
PAT BY				
V28DEMO	0.727	0.031	23.327	0.000
V31SOZ	0.650	0.033	19.489	0.000
NAT BY				
V24BESS1	0.615	0.031	19.720	0.000
V25BESS2	0.548	0.032	17.063	0.000
V36GCH	0.467	0.029	16.260	0.000
V33SPORT	0.421	0.032	13.330	0.000
AUSL BY				
V47KRIMI	0.730	0.021	34.691	0.000
V49JOBS	0.741	0.019	38.365	0.000
V51ANZHL	0.697	0.019	36.355	0.000
AUSL ON				
LIRE	-0.165	0.030	-5.503	0.000
EDU	0.330	0.029	11.453	0.000
STAT	0.118	0.033	3.601	0.000
PAT ON				
AUSL	-0.133	0.042	-3.165	0.002
LIRE	-0.292	0.036	-8.109	0.000
STAT	-0.208	0.036	-5.716	0.000
NAT ON				
AUSL	0.685	0.037	18.544	0.000
LIRE	-0.141	0.035	-4.034	0.000
NAT WITH				
PAT	0.618	0.065	9.477	0.000
EDU WITH				
LIRE	-0.083	0.027	-3.034	0.002
STAT WITH				
LIRE	0.126	0.030	4.199	0.000
EDU	0.284	0.026	10.768	0.000
V28DEMO WITH				
V49JOBS	-0.115	0.043	-2.659	0.008
V24BESS1 WITH				
V25BESS2	0.336	0.040	8.403	0.000
Intercepts				
V28DEMO	3.142	0.063	50.106	0.000
V31SOZ	2.648	0.048	54.980	0.000
V24BESS1	3.589	0.082	43.909	0.000
V25BESS2	2.795	0.052	54.184	0.000
V36GCH	3.756	0.083	44.984	0.000
V33SPORT	2.702	0.050	54.112	0.000
V47KRIMI	2.319	0.040	57.520	0.000
V49JOBS	2.748	0.056	49.389	0.000
V51ANZHL	2.058	0.034	60.300	0.000
V204BILDG	3.358	0.073	45.703	0.000
V267SCHICH	3.892	0.095	40.937	0.000
V269LIRE	2.586	0.033	78.944	0.000

	Estimate	S.E.	Est./S.E.	Two-Tailed P-Value
<b>Variances</b>				
LIRE	1.000	0.000	999.000	999.000
EDU	1.000	0.000	999.000	999.000
STAT	1.000	0.000	999.000	999.000

	Estimate	S.E.	Est./S.E.	Two-Tailed P-Value
<b>Residual Variances</b>				
V28DEMO	0.471	0.045	10.404	0.000
V31SOZ	0.578	0.043	13.323	0.000
V24BESS1	0.622	0.038	16.230	0.000
V25BESS2	0.699	0.035	19.853	0.000
V36GCH	0.782	0.027	29.117	0.000
V33SPORT	0.823	0.027	30.909	0.000
V47KRIMI	0.467	0.031	15.206	0.000
V49JOBS	0.451	0.029	15.776	0.000
V51ANZHL	0.514	0.027	19.216	0.000
V204BILDG	0.000	999.000	999.000	999.000
V267SCHICH	0.000	999.000	999.000	999.000
V269LIRE	0.000	999.000	999.000	999.000
PAT	0.842	0.027	31.410	0.000
NAT	0.476	0.050	9.487	0.000
AUSL	0.823	0.022	36.806	0.000

<b>R-SQUARE</b>				
<b>Observed</b>				
Variable	Estimate	S.E.	Est./S.E.	Two-Tailed P-Value
V28DEMO	0.529	0.045	11.664	0.000
V31SOZ	0.422	0.043	9.744	0.000
V24BESS1	0.378	0.038	9.860	0.000
V25BESS2	0.301	0.035	8.532	0.000
V36GCH	0.218	0.027	8.130	0.000
V33SPORT	0.177	0.027	6.665	0.000
V47KRIMI	0.533	0.031	17.346	0.000
V49JOBS	0.549	0.029	19.182	0.000
V51ANZHL	0.486	0.027	18.178	0.000
V204BILD	1.000	999.000	999.000	999.000
V267SCHI	1.000	999.000	999.000	999.000
V269LIRE	1.000	999.000	999.000	999.000
<b>Latent</b>				
Variable	Estimate	S.E.	Est./S.E.	Two-Tailed P-Value
PAT	0.158	0.027	5.896	0.000
NAT	0.524	0.050	10.436	0.000
AUSL	0.177	0.022	7.893	0.000

MODEL MODIFICATION INDICES

Minimum M.I. value for printing the modification index 5.000

		M.I.	E.P.C.	Std E.P.C.	StdYX E.P.C.
<b>BY Statements</b>					
LIRE	BY V49JOBS	7.425	0.075	0.079	0.069
EDU	BY V33SPORT	10.296	0.023	0.078	0.095
EDU	BY V47KRIMI	14.075	-0.033	-0.112	-0.103
STAT	BY V24BESS1	5.528	0.077	0.056	0.056
STAT	BY V25BESS2	7.455	-0.099	-0.073	-0.066
STAT	BY V36GCH	7.002	-0.080	-0.059	-0.073
STAT	BY V49JOBS	15.114	0.150	0.110	0.097
PAT	BY V24BESS1	7.401	-0.084	-0.092	-0.090
PAT	BY V36GCH	7.959	0.079	0.087	0.108
PAT	BY V49JOBS	12.372	-0.126	-0.137	-0.120
NAT	BY V204BILD	10.489	0.435	0.630	0.188
NAT	BY V269LIRE	5.085	0.651	0.943	0.895
AUSL	BY V36GCH	8.760	-0.184	-0.146	-0.182
<b>ON/BY Statements</b>					
LIRE	ON PAT				
PAT	BY LIRE	5.882	0.713	0.737	0.737

		M.I.	E.P.C.	Std E.P.C.	StdYX E.P.C.
LIRE	ON NAT /				
NAT	BY LIRE	9.495	0.855	1.175	1.175
EDU	ON NAT /				
NAT	BY EDU	10.903	0.494	0.214	0.214
NAT	ON EDU /				
EDU	BY NAT	7.114	0.043	0.099	0.099
AUSL	ON NAT /				
NAT	BY AUSL	5.297	-0.200	-0.365	-0.365
WITH Statements					
V49JOBS	WITH V36GCH	11.402	-0.068	-0.068	-0.126
V51ANZHL	WITH V24BESS1	5.475	-0.040	-0.040	-0.079
V51ANZHL	WITH V25BESS2	5.071	-0.043	-0.043	-0.073
V204BILD	WITH V33SPORT	8.841	0.207	0.207	999.000
V204BILD	WITH V47KRIMI	12.672	-0.292	-0.292	999.000
V267SCHI	WITH V25BESS2	5.055	-0.041	-0.041	999.000
V267SCHI	WITH V49JOBS	9.867	0.059	0.059	999.000
NAT	WITH LIRE	8.037	0.827	0.785	0.785
NAT	WITH EDU	9.429	0.511	0.153	0.153

#### 4.4 Model 4 as a nonrecursive model

##### INPUT INSTRUCTIONS

```

VARIABLE:  NAMES ARE
            id clu
            v28demo v31soz v37grp
            v29einfl v24bess1 v25bess2 v36gch v33sport
            v47krimi v49jobs v51anzhl
            v201alt v204bildg v266dienst v267schicht v269lire;
USEVARIABLES ARE
            v28demo
            v31soz
            v24bess1
            v25bess2
            v36gch
            v33sport
            v47krimi
            v49jobs
            v51anzhl
            v267schicht
            v204bildg
            v269lire;
MISSING IS *;
ANALYSIS:  TYPE = GENERAL;
            ESTIMATOR IS MLR;
            ITERATIONS = 100000;
            CONVERGENCE = 0.00005;
            INFORMATION = EXPECTED;
MODEL:
LIRE BY    v269lire@1;
           v269lire@0;
EDU BY     v204bildg@1;
           v204bildg@0;
STAT BY    v267schicht@1;
           v267schicht@0;
PAT BY     v28demo*
           v31soz;
NAT BY     v24bess1*
           v25bess2
           v36gch
           v33sport;
AUSL BY    v47krimi*
           v49jobs
           v51anzhl;

NAT@1;
PAT@1;
AUSL@1;
AUSL ON LIRE;
PAT ON LIRE;

```



NAT ON LIRE;  
 PAT ON STAT;  
 NAT ON EDU;  
 PAT ON AUSL;  
 NAT ON AUSL;  
 AUSL ON PAT;  
 AUSL ON NAT;  
 NAT WITH PAT;

v28demo WITH v49jobs;  
 v24bess1 WITH v25bess2;  
 v36gch WITH v49jobs;

OUTPUT:       SAMPSTAT MODINDICES (5)  
               STDYX TECH1 TECH4;

SUMMARY OF ANALYSIS

Estimator	MLR
Information matrix	EXPECTED
Maximum number of iterations	100000
Convergence criterion	0.500D-04
Maximum number of steepest descent iterations	20

SAMPLE STATISTICS

Covariances

	V28DEMO	V31SOZ	V24BESS1	V25BESS2	V36GCH
V28DEMO	0.586				
V31SOZ	0.316	0.747			
V24BESS1	0.107	0.081	1.029		
V25BESS2	0.152	0.118	0.627	1.221	
V36GCH	0.097	0.110	0.252	0.223	0.647
V33SPORT	0.069	0.040	0.195	0.199	0.144
V47KRIMI	-0.037	-0.032	0.396	0.386	0.195
V49JOBS	-0.128	-0.102	0.402	0.376	0.157
V51ANZHL	-0.046	-0.019	0.236	0.209	0.160
V267SCHI	-0.115	-0.121	0.070	0.005	-0.010
V204BILD	-0.056	-0.096	0.769	0.574	0.379
V269LIRE	-0.160	-0.198	-0.163	-0.160	-0.136

  

	V33SPORT	V47KRIMI	V49JOBS	V51ANZHL	V267SCHI
V33SPORT	0.684				
V47KRIMI	0.197	1.187			
V49JOBS	0.233	0.663	1.300		
V51ANZHL	0.156	0.508	0.524	0.790	
V267SCHI	0.040	0.097	0.169	0.063	0.541
V204BILD	0.571	0.804	1.088	0.861	0.701
V269LIRE	-0.077	-0.163	-0.111	-0.150	0.098

  

	V204BILD	V269LIRE
V204BILD	11.216	
V269LIRE	-0.293	1.111

Correlations

	V28DEMO	V31SOZ	V24BESS1	V25BESS2	V36GCH
V28DEMO	1.000				
V31SOZ	0.477	1.000			
V24BESS1	0.138	0.092	1.000		
V25BESS2	0.180	0.123	0.559	1.000	
V36GCH	0.157	0.158	0.308	0.251	1.000
V33SPORT	0.109	0.056	0.232	0.218	0.216
V47KRIMI	-0.044	-0.034	0.359	0.321	0.223
V49JOBS	-0.146	-0.104	0.348	0.298	0.171
V51ANZHL	-0.067	-0.025	0.262	0.213	0.223
V267SCHI	-0.204	-0.190	0.093	0.006	-0.017
V204BILD	-0.022	-0.033	0.226	0.155	0.141
V269LIRE	-0.199	-0.218	-0.152	-0.138	-0.160

	Correlations				
	V33SPORT	V47KRIMI	V49JOBS	V51ANZHL	V267SCHI
V33SPORT	1.000				
V47KRIMI	0.219	1.000			
V49JOBS	0.247	0.534	1.000		
V51ANZHL	0.212	0.525	0.517	1.000	
V267SCHI	0.066	0.120	0.202	0.096	1.000
V204BILD	0.206	0.220	0.285	0.289	0.284
V269LIRE	-0.089	-0.142	-0.092	-0.160	0.126
	V204BILD	V269LIRE			
V204BILD	1.000				
V269LIRE	-0.083	1.000			

UNIVARIATE SAMPLE STATISTICS

UNIVARIATE HIGHER-ORDER MOMENT DESCRIPTIVE STATISTICS

Variable/ Sample Size	Mean/ Variance	Skewness/ Kurtosis	Minimum/ Maximum	% with Min/Max	Percentiles		
					20%/60%	40%/80%	Median
V28DEMO	2.394	0.122	1.000	10.41%	2.000	2.000	2.000
1220.000	0.586	-0.329	4.000	6.89%	3.000	3.000	
V31SOZ	2.286	0.275	1.000	17.87%	2.000	2.000	2.000
1220.000	0.747	-0.553	4.000	9.26%	2.000	3.000	
V24BESS1	3.641	-0.463	1.000	2.70%	3.000	3.265	4.000
1220.000	1.029	-0.296	5.000	21.31%	4.000	5.000	
V25BESS2	3.089	0.071	1.000	6.48%	2.000	3.000	3.000
1220.000	1.221	-0.749	5.000	12.05%	3.000	4.000	
V36GCH	3.020	-0.462	1.000	3.69%	2.000	3.000	3.000
1220.000	0.647	-0.364	4.000	29.26%	3.000	4.000	
V33SPORT	2.235	0.476	1.000	16.31%	2.000	2.000	2.000
1220.000	0.684	-0.177	4.000	8.85%	2.000	3.000	
V47KRIMI	2.527	0.377	1.000	18.03%	2.000	2.000	2.000
1220.000	1.187	-0.619	5.000	4.18%	3.000	4.000	
V49JOBS	3.134	-0.202	1.000	8.93%	2.000	3.000	3.000
1220.000	1.300	-0.838	5.000	10.41%	4.000	4.000	
V51ANZHL	1.829	0.742	0.562	0.08%	1.000	1.000	2.000
1220.000	0.790	-0.161	5.000	0.66%	2.000	3.000	
V267SCHICHT	2.863	-0.224	1.000	3.77%	2.000	3.000	3.000
1220.000	0.541	0.418	5.000	0.82%	3.000	3.000	
V204BILDG	11.245	1.135	1.000	0.16%	8.000	10.000	10.000
1220.000	11.216	1.333	28.000	0.08%	11.000	13.000	
V269LIRE	2.725	0.321	1.000	6.48%	2.000	2.000	2.000
1220.000	1.111	-1.318	5.000	1.72%	3.000	4.000	

MODEL FIT INFORMATION

Number of Free Parameters 49

Loglikelihood

H0 Value -19765.867  
 H0 Scaling Correction Factor 1.0278  
 for MLR  
 H1 Value -19713.735  
 H1 Scaling Correction Factor 1.0408  
 for MLR

Information Criteria

Akaike (AIC) 39629.734  
 Bayesian (BIC) 39879.958  
 Sample-Size Adjusted BIC 39724.314  
 (n\* = (n + 2) / 24)

Chi-Square Test of Model Fit

Value 98.706\*  
 Degrees of Freedom 41  
 P-Value 0.0000  
 Scaling Correction Factor 1.0563  
 for MLR

RMSEA (Root Mean Square Error Of Approximation)

Estimate	0.034	
90 Percent C.I.	0.025	0.043
Probability RMSEA <= .05	0.999	

CFI/TLI

CFI	0.978
TLI	0.965

Chi-Square Test of Model Fit for the Baseline Model

Value	2735.235
Degrees of Freedom	66
P-Value	0.0000

SRMR (Standardized Root Mean Square Residual)

Value	0.025
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MODEL RESULTS

		Estimate	S.E.	Est./S.E.	Two-Tailed P-Value
LIRE	BY				
	V269LIRE	1.000	0.000	999.000	999.000
EDU	BY				
	V204BILDG	1.000	0.000	999.000	999.000
STAT	BY				
	V267SCHICH	1.000	0.000	999.000	999.000
PAT	BY				
	V28DEMO	0.519	0.029	17.917	0.000
	V31SOZ	0.522	0.032	16.364	0.000
NAT	BY				
	V24BESS1	0.566	0.105	5.391	0.000
	V25BESS2	0.551	0.103	5.371	0.000
	V36GCH	0.363	0.066	5.460	0.000
	V33SPORT	0.328	0.062	5.285	0.000
AUSL	BY				
	V47KRIMI	0.425	0.047	9.133	0.000
	V49JOBS	0.459	0.050	9.261	0.000
	V51ANZHL	0.331	0.037	8.915	0.000
AUSL	ON				
	LIRE	-0.150	0.070	-2.143	0.032
	PAT	-0.856	0.153	-5.603	0.000
	NAT	1.568	0.369	4.252	0.000
PAT	ON				
	LIRE	-0.257	0.048	-5.357	0.000
	STAT	-0.382	0.056	-6.831	0.000
	AUSL	0.027	0.060	0.449	0.654
NAT	ON				
	LIRE	-0.246	0.040	-6.136	0.000
	EDU	0.118	0.011	10.419	0.000
	AUSL	-0.033	0.129	-0.254	0.799
NAT	WITH				
	PAT	0.318	0.142	2.234	0.025
EDU	WITH				
	LIRE	-0.293	0.098	-3.004	0.003
STAT	WITH				
	LIRE	0.098	0.024	4.126	0.000
	EDU	0.701	0.073	9.536	0.000
V28DEMO	WITH				
	V49JOBS	-0.047	0.018	-2.642	0.008

	Estimate	S.E.	Est./S.E.	Two-Tailed P-Value
V24BESS1 WITH V25BESS2	0.271	0.036	7.587	0.000
V36GCH WITH V49JOBS	-0.065	0.021	-3.131	0.002
Intercepts				
V28DEMO	2.394	0.022	109.246	0.000
V31SOZ	2.286	0.025	92.392	0.000
V24BESS1	3.641	0.029	125.355	0.000
V25BESS2	3.089	0.032	97.641	0.000
V36GCH	3.020	0.023	131.178	0.000
V33SPORT	2.235	0.024	94.394	0.000
V47KRIMI	2.527	0.031	81.013	0.000
V49JOBS	3.134	0.033	95.980	0.000
V51ANZHL	1.829	0.025	71.874	0.000
V267SCHICH	2.863	0.021	135.950	0.000
V204BILDG	11.245	0.096	117.279	0.000
V269LIRE	2.725	0.030	90.328	0.000
Variances				
LIRE	1.111	0.026	42.310	0.000
EDU	11.216	0.586	19.131	0.000
STAT	0.541	0.024	22.464	0.000
Residual Variances				
V28DEMO	0.272	0.026	10.329	0.000
V31SOZ	0.433	0.033	13.334	0.000
V24BESS1	0.663	0.039	17.076	0.000
V25BESS2	0.875	0.042	20.807	0.000
V36GCH	0.496	0.023	21.434	0.000
V33SPORT	0.561	0.026	21.915	0.000
V47KRIMI	0.561	0.037	15.150	0.000
V49JOBS	0.567	0.038	15.128	0.000
V51ANZHL	0.410	0.023	17.535	0.000
V267SCHICH	0.000	0.000	999.000	999.000
V204BILDG	0.000	0.000	999.000	999.000
V269LIRE	0.000	0.000	999.000	999.000
PAT	1.000	0.000	999.000	999.000
NAT	1.000	0.000	999.000	999.000
AUSL	1.000	0.000	999.000	999.000

STANDARDIZED MODEL RESULTS

STDYX Standardization

	Estimate	S.E.	Est./S.E.	Two-Tailed P-Value
LIRE BY V269LIRE	1.000	0.000	999.000	999.000
EDU BY V204BILDG	1.000	0.000	999.000	999.000
STAT BY V267SCHICH	1.000	0.000	999.000	999.000
PAT BY V28DEMO	0.731	0.030	24.040	0.000
V31SOZ	0.648	0.033	19.810	0.000
NAT BY V24BESS1	0.596	0.030	20.084	0.000
V25BESS2	0.532	0.031	17.405	0.000
V36GCH	0.482	0.028	17.241	0.000
V33SPORT	0.424	0.031	13.693	0.000
AUSL BY V47KRIMI	0.726	0.021	34.417	0.000
V49JOBS	0.750	0.020	38.234	0.000
V51ANZHL	0.693	0.019	35.780	0.000

		Estimate	S.E.	Est./S.E.	Two-Tailed P-Value
AUSL	ON				
	LIRE	-0.085	0.039	-2.178	0.029
	PAT	-0.495	0.061	-8.084	0.000
	NAT	0.901	0.072	12.537	0.000
PAT	ON				
	LIRE	-0.251	0.042	-5.998	0.000
	STAT	-0.262	0.039	-6.681	0.000
	AUSL	0.047	0.104	0.448	0.654
NAT	ON				
	LIRE	-0.243	0.049	-4.977	0.000
	EDU	0.369	0.072	5.153	0.000
	AUSL	-0.057	0.231	-0.247	0.805
NAT	WITH				
	PAT	0.318	0.142	2.234	0.025
EDU	WITH				
	LIRE	-0.083	0.027	-3.034	0.002
STAT	WITH				
	LIRE	0.126	0.030	4.199	0.000
	EDU	0.284	0.026	10.768	0.000
V28DEMO	WITH				
	V49JOBS	-0.119	0.044	-2.714	0.007
V24BESS1	WITH				
	V25BESS2	0.356	0.037	9.571	0.000
V36GCH	WITH				
	V49JOBS	-0.122	0.039	-3.106	0.002
Intercepts					
	V28DEMO	3.134	0.062	50.355	0.000
	V31SOZ	2.644	0.048	55.204	0.000
	V24BESS1	3.589	0.082	43.921	0.000
	V25BESS2	2.795	0.052	54.189	0.000
	V36GCH	3.757	0.084	44.927	0.000
	V33SPORT	2.702	0.050	54.095	0.000
	V47KRIMI	2.321	0.040	57.554	0.000
	V49JOBS	2.754	0.056	49.404	0.000
	V51ANZHL	2.059	0.034	60.213	0.000
	V267SCHICH	3.892	0.095	40.937	0.000
	V204BILDG	3.358	0.073	45.703	0.000
	V269LIRE	2.586	0.033	78.944	0.000
Variances					
	LIRE	1.000	0.000	999.000	999.000
	EDU	1.000	0.000	999.000	999.000
	STAT	1.000	0.000	999.000	999.000
Residual Variances					
	V28DEMO	0.466	0.044	10.505	0.000
	V31SOZ	0.580	0.042	13.658	0.000
	V24BESS1	0.644	0.035	18.200	0.000
	V25BESS2	0.717	0.033	22.013	0.000
	V36GCH	0.768	0.027	28.509	0.000
	V33SPORT	0.820	0.026	31.291	0.000
	V47KRIMI	0.474	0.031	15.484	0.000
	V49JOBS	0.438	0.029	14.909	0.000
	V51ANZHL	0.520	0.027	19.407	0.000
	V267SCHICH	0.000	999.000	999.000	999.000
	V204BILDG	0.000	999.000	999.000	999.000
	V269LIRE	0.000	999.000	999.000	999.000
	PAT	0.866	0.044	19.739	0.000
	NAT	0.876	0.293	2.989	0.003
	AUSL	0.290	0.061	4.761	0.000

R-SQUARE

Observed					Two-Tailed
Variable	Estimate	S.E.	Est./S.E.	P-Value	
V28DEMO	0.534	0.044	12.020	0.000	
V31SOZ	0.420	0.042	9.905	0.000	
V24BESS1	0.356	0.035	10.042	0.000	
V25BESS2	0.283	0.033	8.702	0.000	
V36GCH	0.232	0.027	8.620	0.000	
V33SPORT	0.180	0.026	6.846	0.000	
V47KRIMI	0.526	0.031	17.209	0.000	
V49JOBS	0.562	0.029	19.117	0.000	
V51ANZHL	0.480	0.027	17.890	0.000	
V267SCHI	1.000	999.000	999.000	999.000	
V204BILD	1.000	999.000	999.000	999.000	
V269LIRE	1.000	999.000	999.000	999.000	
Latent					Two-Tailed
Variable	Estimate	S.E.	Est./S.E.	P-Value	
PAT	0.134	0.044	3.067	0.002	
NAT	0.124	0.293	0.423	0.673	
AUSL	0.710	0.061	11.680	0.000	

MODEL MODIFICATION INDICES

Minimum M.I. value for printing the modification index 5.000

		M.I.	E.P.C.	Std E.P.C.	StdYX E.P.C.
BY Statements					
LIRE	BY V49JOBS	7.451	0.075	0.079	0.069
EDU	BY V33SPORT	5.244	0.018	0.061	0.074
EDU	BY V47KRIMI	7.493	-0.024	-0.081	-0.074
EDU	BY V51ANZHL	5.730	0.017	0.058	0.065
STAT	BY V24BESS1	9.078	0.101	0.074	0.073
STAT	BY V25BESS2	5.447	-0.085	-0.063	-0.057
STAT	BY V49JOBS	11.047	0.124	0.091	0.080
PAT	BY V24BESS1	7.615	-0.087	-0.093	-0.092
PAT	BY V49JOBS	7.404	-0.099	-0.107	-0.094
AUSL	BY V36GCH	5.418	-0.063	-0.118	-0.146
WITH Statements					
V51ANZHL	WITH V47KRIMI	8.156	0.078	0.078	0.162
V267SCHI	WITH V24BESS1	5.533	0.038	0.038	999.000
V267SCHI	WITH V49JOBS	6.653	0.047	0.047	999.000
V267SCHI	WITH V51ANZHL	6.457	-0.037	-0.037	999.000
V204BILD	WITH V47KRIMI	6.930	-0.214	-0.214	999.000
V204BILD	WITH V51ANZHL	10.383	0.215	0.215	999.000

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