

Program created by DETECT for windows

OVERALL ANALYSIS FROM SECTION 6.2

13 1 1 2 2 3 0 3 0 4 4 0 1 0 0

TECHCOMP

STRUCTUR

CULTURE

PERFORMC

(3F2.0,2F1.0,3F2.0)

DDDDDDD	EEEEEEEE	TTTTTTTT	EEEEEEEE	CCCCC	TTTTTTTT
DDDDDDDD	EEEEEEEE	TTTTTTTT	EEEEEEEE	CCCCCCC	TTTTTTTT
DD DD	EE	TT	EE	CC	TT
DD DD	EE	TT	EE	CC	TT
DD DD	EEEE	TT	EEEE	CC	TT
DD DD	EEEE	TT	EEEE	CC	TT
DD DD	EE	TT	EE	CC	TT
DD DD	EE	TT	EE	CC	TT
DDDDDDDD	EEEEEEEE	TT	EEEEEEEE	CCCCCCC	TT
DDDDDD	EEEEEEEE	TT	EEEEEEEE	CCCCC	TT

DATA ENQUIRY THAT TESTS ENTITY AND
 CORRELATIONAL/CAUSAL THEORIES
 PROGRAM TITLE
 OVERALL ANALYSIS FROM SECTION 6.2

TABLE I
GENERAL INFORMATION LINE

ENTRY	MEANING	CODE
ONE	DATA INPUT FROM FILE	13,
TWO	OUTPUT TO FILE 8 ONLY. OPTION	1,
THREE	REGULAR TABLES OUTPUT. OPTION	1,
FOUR	SELECTED TABLES OUTPUT. OPTION	2,
FIVE	POSITION OF FIRST CELL INDICATOR	2,
SIX	POSITION OF SECOND CELL INDICATOR	3,
SEVEN	NUMBER OF ADDITIONAL LEVELS OF ANALYSIS	0,
EIGHT	BETWEEN- AND WITHIN-CELL MULTIPLE-VARIABLE ANALYSIS. OPTION	3,
NINE	MULTIPLE-RELATIONSHIP ANALYSIS DELETED. OPTION	0,
TEN	NUMBER OF VARIABLES NOT TO BE ANALYZED	4,
ELEVEN	NUMBER OF VARIABLES TO BE ANALYZED	4,
TWELVE	LABELS INPUT WITH PROGRAM. OPTION	0,
THIRTEEN	NUMBER OF LINES READ FOR FORMAT STATEMENT	1,
FOURTEEN	NO MISSING VALUES. OPTION	0,
FIFTEEN	DATA TRANSFORMATIONS DELETED. OPTION	0

TABLE II
DETAILED INFORMATION LINE

ENTRY	MEANING	CODE
ONE	TOTAL NUMBER OF LINES PER PAGE	61,
TWO	INFORMATION TABLES PRINTED (TABLES I,II AND III) OPTION	1,
THREE	NUMBER OF ENTRIES FOR CELL FREQUENCIES (TABLE CF)	23,
	NUMBER OF ENTRIES IN AVERAGE AND DISPERSION TABLES	
FOUR	ACROSS ALL CASES (TABLE AT)	20,
FIVE	BY CELLS (TABLE AC)	0,
SIX	BY VARIABLES (TABLE AV)	0,
	NUMBER OF ENTRIES IN WABA TABLES	
SEVEN	WABA I (TABLE WI)	15,
EIGHT	WABA II (TABLES WIID,WIIM AND WTC)	15,
	NUMBER OF ENTRIES IN MULTIPLE-VARIABLE ANALYSIS	
NINE	WITHIN-CELL (TABLE MVAW)	2,
TEN	BETWEEN-CELL (TABLE MVAB)	2,
ELEVEN	CORRELATION MATRIX DELETED. OPTION	0,
TWELVE	DEVIATIONS NOT OUTPUT. OPTION	0,
THIRTEEN	MULTIPLE-RELATIONSHIP ANALYSIS DELETED (TABLE MRA)	0,
FOURTEEN	SEQUENCING PACKAGE CALLED. OPTION	1,
FIFTEEN	EXTRA ROUNDING DELETED. OPTION	0

TABLE III

ADDITIONAL INFORMATION

ADDITIONAL CELL INDICATOR LINE(S) GIL ENTRY SEVEN = 0
NO LINES READ
LABEL LINE(S) GIL ENTRY TWELVE = 0
TECHCOMP
STRUCTUR
CULTURE
PERFORMC
FORMAT LINE(S) GIL ENTRY THIRTEEN = 1
(3F2.0,2F1.0,3F2.0)
MISSING VALUES LINE(S) GIL ENTRY FOURTEEN = 0
NO LINES READ
DATA TRANSFORMATION LINE(S) GIL ENTRY FIFTEEN = 0
NO LINES READ
NUMBER OF CASES FOR ANALYSIS
80

TABLE CF
(LEVEL = 1 CONDITION = 1)
CELL FREQUENCIES

CELL ID NUMBER	CELL SIZE
1	3
5	3
9	3
13	3
17	3
22	3
26	3
30	2
2	2
6	2
10	2
14	2
18	2
21	2
25	2
29	3
3	3
7	3
11	3
15	3
19	3
24	2
28	3

TABLE CF
(LEVEL = 1 CONDITION = 1)
CELL FREQUENCIES

CELL ID NUMBER	CELL SIZE
32	2
4	2
8	2
12	2
16	2
20	2
23	3
27	2
31	3

TABLE AT
 (LEVEL = 1 CONDITION = 1)
 AVERAGES AND DISPERSIONS ACROSS ALL CASES

VARIABLE	AVERAGE	AVERAGE SUMS OF SQUARES		
	TOTAL SCORE	TOTAL	BETWEEN	WITHIN
TEHCOMP	2.25000	0.68750	0.68750	0.00000
STRUCTUR	6.16250	16.23609	16.03193	0.20417
CULTURE	7.47500	8.57437	8.39521	0.17917
PERFORMC	10.43750	52.24609	52.24609	0.00000

TOTAL NUMBER OF CASES 80
 INDETERMINATE CORRELATION SET TO ZERO
 INDETERMINATE CORRELATION SET TO ZERO
 INDETERMINATE CORRELATION SET TO ZERO
 INDETERMINATE CORRELATION SET TO ZERO
 INDETERMINATE CORRELATION SET TO ZERO

TABLE WI
 (LEVEL = 1 CONDITION = 1)
 WITHIN AND BETWEEN ANALYSIS I

ETA CORRELATIONS			F RATIOS		
BETWEEN	WITHIN	E RATIO INDUCTION	BETWEEN	WITHIN	PROB
E AND F SET EQUAL TO 99.00					
TECHCOMP	1.00000	0.00000	99.00000 WHOLES-30	99.00000	0.0000
STRUCTUR	0.99369	0.11214	8.86136 WHOLES-30	121.58512	0.0000
CULTURE	0.98950	0.14455	6.84522 WHOLES-30	72.55274	0.0000
E AND F SET EQUAL TO 99.00					
PERFORMC	1.00000	0.00000	99.00000 WHOLES-30	99.00000	0.0000
AVERAGES	0.99580	0.06417	53.42664	98.03446	0.00000
PRACTICAL SIGNIFICANCE CRITERIA					
WHOLES - 15	E > OR =	1.30323			
WHOLES - 30	E > OR =	1.73205			
PARTS - 15	E < OR =	0.76733			
PARTS - 30	E < OR =	0.57735			
DEGREES OF FREEDOM FOR (BETWEEN) F-RATIO = 31, 48					
DEGREES OF FREEDOM FOR (WITHIN) F-RATIO = 48, 31					

TABLE WIID
 (LEVEL = 1 CONDITION = 1)
 WITHIN AND BETWEEN ANALYSIS II (DIFFERENCE TESTS)

CORRELATIONS

	BETWEEN	WITHIN	A-VALUE	INDUCTION	Z-VALUE
<hr/>					
TECHCOMP					
STRUCTUR	0.24003	0.00000	0.24239		1.03244
CULTURE	0.22633	0.00000	0.22831		0.97136
PERFORMC	0.10689	0.00000	0.10710		0.45253
STRUCTUR					
CULTURE	0.03752	-0.06536	-0.02787		-0.11771
PERFORMC	-0.04478	0.00000	0.04480		0.18900
CULTURE					
PERFORMC	0.73853	0.00000	0.83089	WHOLES-30	3.99491**
AVERAGES	0.21742	-0.01089	0.23760		1.08709

PRACTICAL SIGNIFICANCE CRITERIA

WHOLES - 15	A	>	OR	=	0.26180
WHOLES - 30	A	>	OR	=	0.52360
PARTS - 15	A	<	OR	=	-0.26180
PARTS - 30	A	<	OR	=	-0.52360

*P < OR = .05

**P < OR = .01

TABLE WIIM
 (LEVEL = 1 CONDITION = 1)
 WITHIN AND BETWEEN ANALYSIS II (MAGNITUDE TESTS)

	BETWEEN			WITHIN		
	R TEST	IND*	T TEST PROB	R TEST	IND*	T TEST PROB
TECHCOMP						
STRUCTUR	0.24726		1.35428 0.1858	0.00000		0.00000 1.0000
CULTURE	0.23236		1.27270 0.2129	0.00000		0.00000 1.0000
PERFORMC	0.10751		0.58884 0.5604	0.00000		0.00000 1.0000
STRUCTUR						
CULTURE	0.03755		0.20566 0.8384	0.06550		0.44902 0.6555
PERFORMC	0.04483		0.24553 0.8077	0.00000		0.00000 1.0000
CULTURE						
PERFORMC	1.09539	S-30	5.99968 0.0000	0.00000		0.00000 1.0000
AVERAGES	0.29415		1.61112	0.01092		0.07484
PRACTICAL SIGNIFICANCE CRITERIA						
S - 15	R > OR =			0.26795		
S - 30	R > OR =			0.57735		
DEGREES OF FREEDOM FOR (BETWEEN) T TEST = 1, 30 * INDICATES						
DEGREES OF FREEDOM FOR (WITHIN) T TEST = 1, 47 INDUCTION						

TABLE WTC
 (LEVEL = 1 CONDITION = 1)
 TOTAL CORRELATION AND COMPONENT ANALYSIS

	TOTAL				COMPONENTS		
	CORRELATION	R TEST	T TEST	PROB	BETWEEN	WITHIN	INDUCTION
TECHCOMP							
STRUCTUR	0.23851	0.24560	2.16910	0.0331	0.23851	0.00000	
CULTURE	0.22396	0.22979	2.02947	0.0458	0.22396	0.00000	
PERFORMC	0.10689	0.10751	0.94947	0.3453	0.10689	0.00000	
STRUCTUR							
CULTURE	0.03583	0.03586	0.31669	0.7523	0.03689	-0.00106	
PERFORMC	-0.04450	0.04455	0.39341	0.6951	-0.04450	0.00000	
CULTURE							
PERFORMC	0.73077	1.07054	9.45479	0.0000	0.73077	0.00000	WHOLES-30
AVERAGES	0.21524	0.28897	2.55216		0.21542	-0.00018	

PRACTICAL SIGNIFICANCE CRITERIA

WHOLES-15	E(1) AND E(2) >	OR = 1.30323	AND A(1+2) >	OR = 0.26180
WHOLES-30	E(1) AND E(2) >	OR = 1.73205	AND A(1+2) >	OR = 0.52360
PARTS-15	E(1) AND E(2) <	OR = 0.76733	AND A(1+2) <	OR = -0.26180
PARTS-30	E(1) AND E(2) <	OR = 0.57735	AND A(1+2) <	OR = -0.52360

DEGREES OF FREEDOM FOR (TOTAL) T TEST = 1, 78

TABLE MVAW
 (LEVEL = 1 CONDITION = 1)
 MULTIPLE VARIABLE ANALYSIS (WITHIN-CELL CORRELATIONS)

CORRELATIONS			DIFFERENCE (ONE - TWO)			
ONE	TWO	THREE	A	IND*	T	PROB
TECHCOMP+	TECHCOMP+	STRUCTUR+				
STRUCTUR=	CULTURE =	CULTURE =	0.0000		0.0000	1.000
TECHCOMP+	STRUCTUR+	TECHCOMP+				
STRUCTUR=	CULTURE =	CULTURE =	0.0000	-0.0654	-0.3141	0.755
TECHCOMP+	STRUCTUR+	TECHCOMP+				
CULTURE =	CULTURE =	STRUCTUR=	0.0000	-0.0654	-0.3141	0.755
TECHCOMP+	TECHCOMP+	STRUCTUR+				
STRUCTUR=	PERFORMC=	PERFORMC=	0.0000	0.0000	0.0000	1.000
TECHCOMP+	STRUCTUR+	TECHCOMP+				
STRUCTUR=	PERFORMC=	PERFORMC=	0.0000	0.0000	0.0000	1.000
TECHCOMP+	STRUCTUR+	TECHCOMP+				
PERFORMC=	PERFORMC=	STRUCTUR=	0.0000	0.0000	0.0000	1.000

PRACTICAL SIGNIFICANCE CRITERIA

S - 15

A > OR = 0.26180

S - 30

A > OR = 0.52360

DEGREES OF FREEDOM FOR (WITHIN) T = 1, 46

* INDICATES INDUCTION

TABLE MVAW
 (LEVEL = 1 CONDITION = 1)
 MULTIPLE VARIABLE ANALYSIS (WITHIN-CELL CORRELATIONS)

CORRELATIONS			DIFFERENCE (ONE - TWO)			
ONE	TWO	THREE	A	IND*	T	PROB
TECHCOMP+ CULTURE = 0.0000	TECHCOMP+ PERFORMC= 0.0000	CULTURE + PERFORMC= 0.0000	0.0000		0.0000	1.000
TECHCOMP+ CULTURE = 0.0000	CULTURE + PERFORMC= 0.0000	TECHCOMP+ PERFORMC= 0.0000	0.0000		0.0000	1.000
TECHCOMP+ PERFORMC= 0.0000	CULTURE + PERFORMC= 0.0000	TECHCOMP+ CULTURE = 0.0000	0.0000		0.0000	1.000
STRUCTUR+ CULTURE = -0.0654	STRUCTUR+ PERFORMC= 0.0000	CULTURE + PERFORMC= 0.0000	0.0654		0.3141	0.755
STRUCTUR+ CULTURE = -0.0654	CULTURE + PERFORMC= 0.0000	STRUCTUR+ PERFORMC= 0.0000	0.0654		0.3141	0.755
STRUCTUR+ PERFORMC= 0.0000	CULTURE + PERFORMC= 0.0000	STRUCTUR+ CULTURE = -0.0654	0.0000		0.0000	1.000

PRACTICAL SIGNIFICANCE CRITERIA

S - 15
 S - 30

A > OR = 0.26180
 A > OR = 0.52360

DEGREES OF FREEDOM FOR (WITHIN) T = 1, 46

* INDICATES INDUCTION

TABLE MVAB
 (LEVEL = 1 CONDITION = 1)
 MULTIPLE VARIABLE ANALYSIS (BETWEEN-CELL CORRELATIONS)

CORRELATIONS			DIFFERENCE (ONE - TWO)			
ONE	TWO	THREE	A	IND*	T	PROB
TECHCOMP+ STRUCTUR= 0.2400	TECHCOMP+ CULTURE = 0.2263	STRUCTUR+ CULTURE = 0.0375	0.0141		0.0562	0.956
TECHCOMP+ STRUCTUR= 0.2400	STRUCTUR+ CULTURE = 0.0375	TECHCOMP+ CULTURE = 0.2263	0.2049		0.9032	0.374
TECHCOMP+ CULTURE = 0.2263	STRUCTUR+ CULTURE = 0.0375	TECHCOMP+ STRUCTUR= 0.2400	0.1908		0.8468	0.404
TECHCOMP+ STRUCTUR= 0.2400	TECHCOMP+ PERFORMC= 0.1069	STRUCTUR+ PERFORMC=-0.0448	0.1353		0.5370	0.595
TECHCOMP+ STRUCTUR= 0.2400	STRUCTUR+ PERFORMC=-0.0448	TECHCOMP+ PERFORMC= 0.1069	0.1976		0.8106	0.424
TECHCOMP+ PERFORMC= 0.1069	STRUCTUR+ PERFORMC=-0.0448	TECHCOMP+ STRUCTUR= 0.2400	0.0623		0.2729	0.787

PRACTICAL SIGNIFICANCE CRITERIA

S - 15
S - 30

A > OR = 0.26180
A > OR = 0.52360

DEGREES OF FREEDOM FOR (BETWEEN) T = 1, 29

* INDICATES INDUCTION

TABLE MVAB
 (LEVEL = 1 CONDITION = 1)
 MULTIPLE VARIABLE ANALYSIS (BETWEEN-CELL CORRELATIONS)

CORRELATIONS			DIFFERENCE (ONE - TWO)			
ONE	TWO	THREE	A	IND*	T	PROB
TECHCOMP+ CULTURE = 0.2263	TECHCOMP+ PERFORMC= 0.1069	CULTURE + PERFORMC= 0.7385	0.1212		0.9170	0.367
TECHCOMP+ CULTURE = 0.2263	CULTURE + PERFORMC= 0.7385	TECHCOMP+ PERFORMC= 0.1069	-0.6026	S-30	-3.1378	0.004
TECHCOMP+ PERFORMC= 0.1069	CULTURE + PERFORMC= 0.7385	TECHCOMP+ CULTURE = 0.2263	-0.7238	S-30	-4.0730	0.000
STRUCTUR+ CULTURE = 0.0375	STRUCTUR+ PERFORMC=-0.0448	CULTURE + PERFORMC= 0.7385	-0.0073		-0.0541	0.957
STRUCTUR+ CULTURE = 0.0375	CULTURE + PERFORMC= 0.7385	STRUCTUR+ PERFORMC=-0.0448	-0.7934	S-30	-4.0510	0.000
STRUCTUR+ PERFORMC=-0.0448	CULTURE + PERFORMC= 0.7385	STRUCTUR+ CULTURE = 0.0375	-0.7861	S-30	-3.9951	0.000

PRACTICAL SIGNIFICANCE CRITERIA

S - 15
 S - 30

A > OR = 0.26180
 A > OR = 0.52360

DEGREES OF FREEDOM FOR (BETWEEN) T = 1, 29

* INDICATES INDUCTION

TABLE CF
(LEVEL = 2 CONDITION = 1)
CELL FREQUENCIES

CELL ID NUMBER	CELL SIZE
1	5
4	5
2	5
5	5
3	5
6	5
7	5
10	5
8	5
11	5
9	5
12	5
52	5
14	5
53	5
15	5

TABLE AT
 (LEVEL = 2 CONDITION = 1)
 AVERAGES AND DISPERSIONS ACROSS ALL CASES

VARIABLE	AVERAGE	AVERAGE SUMS OF SQUARES		
	TOTAL SCORE	TOTAL	BETWEEN	WITHIN
TECHCOMP	0.00000	0.68750	0.68750	0.00000
STRUCTUR	0.00000	16.03193	15.85609	0.17583
CULTURE	0.00000	8.39521	8.29438	0.10083
PERFORMC	0.00000	52.24609	52.24609	0.00000

TOTAL NUMBER OF CASES 80
 INDETERMINATE CORRELATION SET TO ZERO
 INDETERMINATE CORRELATION SET TO ZERO
 INDETERMINATE CORRELATION SET TO ZERO
 INDETERMINATE CORRELATION SET TO ZERO
 INDETERMINATE CORRELATION SET TO ZERO

TABLE WI
 (LEVEL = 2 CONDITION = 1)
 WITHIN AND BETWEEN ANALYSIS I

ETA CORRELATIONS			F RATIOS		
BETWEEN	WITHIN	E RATIO INDUCTION	BETWEEN	WITHIN	PROB
E AND F SET EQUAL TO 99.00					
TECHCOMP	1.00000	0.00000	99.00000 WHOLES-30	99.00000	0.0000
STRUCTUR	0.99450	0.10473	9.49615 WHOLES-30	96.18863	0.0000
CULTURE	0.99398	0.10959	9.06963 WHOLES-30	87.74215	0.0000
E AND F SET EQUAL TO 99.00					
PERFORMC	1.00000	0.00000	99.00000 WHOLES-30	99.00000	0.0000
AVERAGES	0.99712	0.05358	54.14145	95.48269	0.00000
PRACTICAL SIGNIFICANCE CRITERIA					
WHOLES - 15	E > OR =	1.30323			
WHOLES - 30	E > OR =	1.73205			
PARTS - 15	E < OR =	0.76733			
PARTS - 30	E < OR =	0.57735			
DEGREES OF FREEDOM FOR (BETWEEN) F-RATIO = 15, 16					
DEGREES OF FREEDOM FOR (WITHIN) F-RATIO = 16, 15					

TABLE WIID
 (LEVEL = 2 CONDITION = 1)
 WITHIN AND BETWEEN ANALYSIS II (DIFFERENCE TESTS)

CORRELATIONS

	BETWEEN	WITHIN	A-VALUE	INDUCTION	Z-VALUE
TECHCOMP					
STRUCTUR	0.24135	0.00000	0.24376		0.63924
CULTURE	0.22770	0.00000	0.22972		0.60173
PERFORMC	0.10689	0.00000	0.10710		0.27858
STRUCTUR					
CULTURE	0.03883	-0.07510	-0.03633		-0.09449
PERFORMC	-0.04503	0.00000	0.04505		0.11699
CULTURE					
PERFORMC	0.74301	0.00000	0.83755	WHOLES-30	2.48506**
AVERAGES	0.21879	-0.01252	0.23781		0.67119

PRACTICAL SIGNIFICANCE CRITERIA

WHOLES - 15	A	>	OR	=	0.26180
WHOLES - 30	A	>	OR	=	0.52360
PARTS - 15	A	<	OR	=	-0.26180
PARTS - 30	A	<	OR	=	-0.52360

*P < OR = .05

**P < OR = .01

TABLE WIIM
 (LEVEL = 2 CONDITION = 1)
 WITHIN AND BETWEEN ANALYSIS II (MAGNITUDE TESTS)

	BETWEEN			WITHIN		
	R TEST	IND*	T TEST PROB	R TEST	IND*	T TEST PROB
TECHCOMP						
STRUCTUR	0.24871		0.93058 0.3678	0.00000		0.00000 1.0000
CULTURE	0.23385		0.87498 0.3963	0.00000		0.00000 1.0000
PERFORMC	0.10751		0.40225 0.6936	0.00000		0.00000 1.0000
STRUCTUR						
CULTURE	0.03886		0.14540 0.8865	0.07531		0.29169 0.7745
PERFORMC	0.04508		0.16866 0.8685	0.00000		0.00000 1.0000
CULTURE						
PERFORMC	1.11015	S-30	4.15380 0.0010	0.00000		0.00000 1.0000
AVERAGES	0.29736		1.11261	0.01255		0.04861
PRACTICAL SIGNIFICANCE CRITERIA						
S - 15	R > OR =	0.26795		0.26795		
S - 30	R > OR =	0.57735		0.57735		
DEGREES OF FREEDOM FOR (BETWEEN) T TEST = 1, 14 * INDICATES						
DEGREES OF FREEDOM FOR (WITHIN) T TEST = 1, 15 INDUCTION						

TABLE WTC
 (LEVEL = 2 CONDITION = 1)
 TOTAL CORRELATION AND COMPONENT ANALYSIS

	TOTAL				COMPONENTS		
	CORRELATION	R TEST	T TEST	PROB	BETWEEN	WITHIN INDUCTION	
TECHCOMP							
STRUCTUR	0.24003	0.24726	1.35428	0.1858	0.24003	0.00000	
CULTURE	0.22633	0.23236	1.27270	0.2129	0.22633	0.00000	
PERFORMC	0.10689	0.10751	0.58884	0.5604	0.10689	0.00000	
STRUCTUR							
CULTURE	0.03752	0.03755	0.20566	0.8384	0.03838	-0.00086	
PERFORMC	-0.04478	0.04483	0.24553	0.8077	-0.04478	0.00000	
CULTURE							
PERFORMC	0.73853	1.09539	5.99968	0.0000	0.73853	0.00000	WHOLES-30
AVERAGES	0.21742	0.29415	1.61112		0.21756	-0.00014	

PRACTICAL SIGNIFICANCE CRITERIA

WHOLES-15	E(1) AND E(2) >	OR = 1.30323	AND A(1+2) >	OR = 0.26180
WHOLES-30	E(1) AND E(2) >	OR = 1.73205	AND A(1+2) >	OR = 0.52360
PARTS-15	E(1) AND E(2) <	OR = 0.76733	AND A(1+2) <	OR = -0.26180
PARTS-30	E(1) AND E(2) <	OR = 0.57735	AND A(1+2) <	OR = -0.52360

DEGREES OF FREEDOM FOR (TOTAL) T TEST = 1, 30

TABLE MVAW
 (LEVEL = 2 CONDITION = 1)
 MULTIPLE VARIABLE ANALYSIS (WITHIN-CELL CORRELATIONS)

CORRELATIONS			DIFFERENCE (ONE - TWO)			
ONE	TWO	THREE	A	IND*	T	PROB
TECHCOMP+	TECHCOMP+	STRUCTUR+				
STRUCTUR= 0.0000	CULTURE = 0.0000	CULTURE = -0.0751	0.0000		0.0000	1.000
TECHCOMP+	STRUCTUR+	TECHCOMP+				
STRUCTUR= 0.0000	CULTURE = -0.0751	CULTURE = 0.0000	-0.0752		-0.1993	0.845
TECHCOMP+	STRUCTUR+	TECHCOMP+				
CULTURE = 0.0000	CULTURE = -0.0751	STRUCTUR= 0.0000	-0.0752		-0.1993	0.845
TECHCOMP+	TECHCOMP+	STRUCTUR+				
STRUCTUR= 0.0000	PERFORMC= 0.0000	PERFORMC= 0.0000	0.0000		0.0000	1.000
TECHCOMP+	STRUCTUR+	TECHCOMP+				
STRUCTUR= 0.0000	PERFORMC= 0.0000	PERFORMC= 0.0000	0.0000		0.0000	1.000
TECHCOMP+	STRUCTUR+	TECHCOMP+				
PERFORMC= 0.0000	PERFORMC= 0.0000	STRUCTUR= 0.0000	0.0000		0.0000	1.000

PRACTICAL SIGNIFICANCE CRITERIA

S - 15
 S - 30

A > OR = 0.26180
 A > OR = 0.52360

DEGREES OF FREEDOM FOR (WITHIN) T = 1, 14

* INDICATES INDUCTION

TABLE MVAW
 (LEVEL = 2 CONDITION = 1)
 MULTIPLE VARIABLE ANALYSIS (WITHIN-CELL CORRELATIONS)

CORRELATIONS			DIFFERENCE (ONE - TWO)			
ONE	TWO	THREE	A	IND*	T	PROB
TECHCOMP+ CULTURE = 0.0000	TECHCOMP+ PERFORMC= 0.0000	CULTURE + PERFORMC= 0.0000	0.0000		0.0000	1.000
TECHCOMP+ CULTURE = 0.0000	CULTURE + PERFORMC= 0.0000	TECHCOMP+ PERFORMC= 0.0000	0.0000		0.0000	1.000
TECHCOMP+ PERFORMC= 0.0000	CULTURE + PERFORMC= 0.0000	TECHCOMP+ CULTURE = 0.0000	0.0000		0.0000	1.000
STRUCTUR+ CULTURE = -0.0751	STRUCTUR+ PERFORMC= 0.0000	CULTURE + PERFORMC= 0.0000	0.0752		0.1993	0.845
STRUCTUR+ CULTURE = -0.0751	CULTURE + PERFORMC= 0.0000	STRUCTUR+ PERFORMC= 0.0000	0.0752		0.1993	0.845
STRUCTUR+ PERFORMC= 0.0000	CULTURE + PERFORMC= 0.0000	STRUCTUR+ CULTURE = -0.0751	0.0000		0.0000	1.000

PRACTICAL SIGNIFICANCE CRITERIA

S - 15
 S - 30

A > OR = 0.26180
 A > OR = 0.52360

DEGREES OF FREEDOM FOR (WITHIN) T = 1, 14

* INDICATES INDUCTION

TABLE MVAB
 (LEVEL = 2 CONDITION = 1)
 MULTIPLE VARIABLE ANALYSIS (BETWEEN-CELL CORRELATIONS)

CORRELATIONS			DIFFERENCE (ONE - TWO)			
ONE	TWO	THREE	A	IND*	T	PROB
TECHCOMP+ STRUCTUR= 0.2414	TECHCOMP+ CULTURE = 0.2277	STRUCTUR+ CULTURE = 0.0388	0.0140		0.0375	0.971
TECHCOMP+ STRUCTUR= 0.2414	STRUCTUR+ CULTURE = 0.0388	TECHCOMP+ CULTURE = 0.2277	0.2049		0.6055	0.555
TECHCOMP+ CULTURE = 0.2277	STRUCTUR+ CULTURE = 0.0388	TECHCOMP+ STRUCTUR= 0.2414	0.1909		0.5678	0.580
TECHCOMP+ STRUCTUR= 0.2414	TECHCOMP+ PERFORMC= 0.1069	STRUCTUR+ PERFORMC=-0.0450	0.1367		0.3633	0.722
TECHCOMP+ STRUCTUR= 0.2414	STRUCTUR+ PERFORMC=-0.0450	TECHCOMP+ PERFORMC= 0.1069	0.1987		0.5459	0.594
TECHCOMP+ PERFORMC= 0.1069	STRUCTUR+ PERFORMC=-0.0450	TECHCOMP+ STRUCTUR= 0.2414	0.0620		0.1821	0.858

PRACTICAL SIGNIFICANCE CRITERIA

S - 15
 S - 30

A > OR = 0.26180
 A > OR = 0.52360

DEGREES OF FREEDOM FOR (BETWEEN) T = 1, 13

* INDICATES INDUCTION

TABLE MVAB
 (LEVEL = 2 CONDITION = 1)
 MULTIPLE VARIABLE ANALYSIS (BETWEEN-CELL CORRELATIONS)

CORRELATIONS			DIFFERENCE (ONE - TWO)			
ONE	TWO	THREE	A	IND*	T	PROB
TECHCOMP+ CULTURE = 0.2277	TECHCOMP+ PERFORMC= 0.1069	CULTURE + PERFORMC= 0.7430	0.1226		0.6269	0.542
TECHCOMP+ CULTURE = 0.2277	CULTURE + PERFORMC= 0.7430	TECHCOMP+ PERFORMC= 0.1069	-0.6078	S-30	-2.1307	0.053
TECHCOMP+ PERFORMC= 0.1069	CULTURE + PERFORMC= 0.7430	TECHCOMP+ CULTURE = 0.2277	-0.7305	S-30	-2.7700	0.016
STRUCTUR+ CULTURE = 0.0388	STRUCTUR+ PERFORMC=-0.0450	CULTURE + PERFORMC= 0.7430	-0.0062		-0.0312	0.976
STRUCTUR+ CULTURE = 0.0388	CULTURE + PERFORMC= 0.7430	STRUCTUR+ PERFORMC=-0.0450	-0.7987	S-30	-2.7450	0.017
STRUCTUR+ PERFORMC=-0.0450	CULTURE + PERFORMC= 0.7430	STRUCTUR+ CULTURE = 0.0388	-0.7925	S-30	-2.7128	0.018

PRACTICAL SIGNIFICANCE CRITERIA

S - 15
 S - 30

A > OR = 0.26180
 A > OR = 0.52360

DEGREES OF FREEDOM FOR (BETWEEN) T = 1, 13

* INDICATES INDUCTION