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# **Identification of the role of the managerial reform in reinforcing the concepts of the good governance in the Palestinian ministries (Northern Governorates) from the managers' point of views**

## **Abstract**

The current study aims at identifying the role of the managerial reform in reinforcing the concepts of the good governance in the Palestinian ministries (Northern Governorates) from the managers' point of views. The researcher has tackled the issue of this subject in terms of the great significance of the managerial reform and good governance in the process of building and preparing the Palestinian institutions to establish the Palestinian State. In addition to effecting the role played by the developmental and managerial reform programs in the hopeful developing plans, ending at a real, comprehensive and sustainable programs. To achieve this end, and in order to investigate the study questions and its hypotheses, the researcher developed a 131-item questionnaire, divided into three main sections: The first includes general information; while the second is related to the managerial reform; and the third is concerned with good governance. The section of the managerial reform includes four main parts: reforming the main processes of human resources management; reforming the institutional environment; rules and systems; and performance monitoring processes. The section of the good governance includes six sections. They are: transparency, impartiality, inquiry, justice, participation and good response, and effectiveness. The tool of the study was conducted on a sample of (325) male and female managers in the ministries of the Palestinian National Authority (PNA) selected by random stratified method. The sample constituted (15.5%) of the study population. Following collection of data, they were processed using the statistical package for social science (SPSS).

Results have shown that the application processes related to the managerial reform and good governance in the Palestinian ministries is executing moderately (with medium average), and there is a positive correlation between the managerial reform processes and good governance. Besides, findings show that the managerial reform processes and good governance are implementing side by side, and any development or change, either positive or negative on one of them, is reflected on the other.

Moreover, the study results have revealed significant statistical differences in the reality of managerial reform processes in the manager's viewpoint, due to professional degree, and years of experience. Results have also shown significant statistical differences in the reality of good governance, due to gender and professional degree, whereas the study does not reveal any significant statistical differences in accordance with the remaining variables.

The most important inference the study has, the interest and concern in regard the principles application of good governance with a moderate degree, and the Palestinian ministries are suffering from the weakness on implementing rules and systems which are modified and adjusted without participation of the legislative institutions or any cooperation from the civilian society or from the concerned parties. In addition to that, the organizational hierarchies are not characterized by the desired flexibility, and they are not adjusted to suit the processes of the hopeful reform. Despite of the manager's perception to the importance of the administrative control and its role to improve performance, it discussed some aspects such as employees control and their commitment to work.

In light of the current study and its discussion, the researcher recommends: the necessity of continuation in the developmental and reform programs; the recruitment and polarization (attraction) of the qualified and skilled people required for implementing and furthering up these programs; caring with human element; reinforcing and encouraging the role of external and internal control; pushing forward strengthening and reinforcing faith with the importance of implementing the principles of good governance and its culture; reinforcement of the authorization principle; participation and partnership; and conducting more studies on the issue of reform in general and on good governance in particular.



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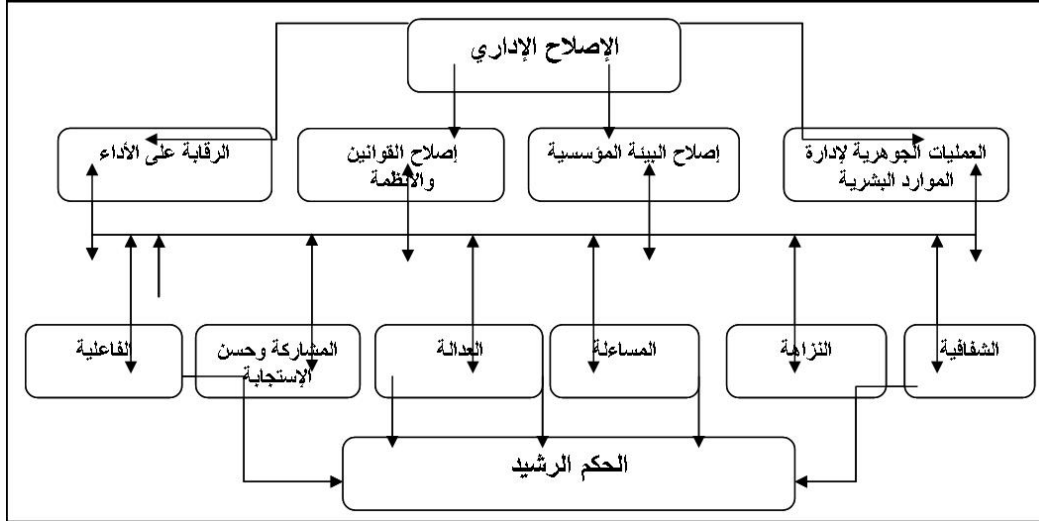
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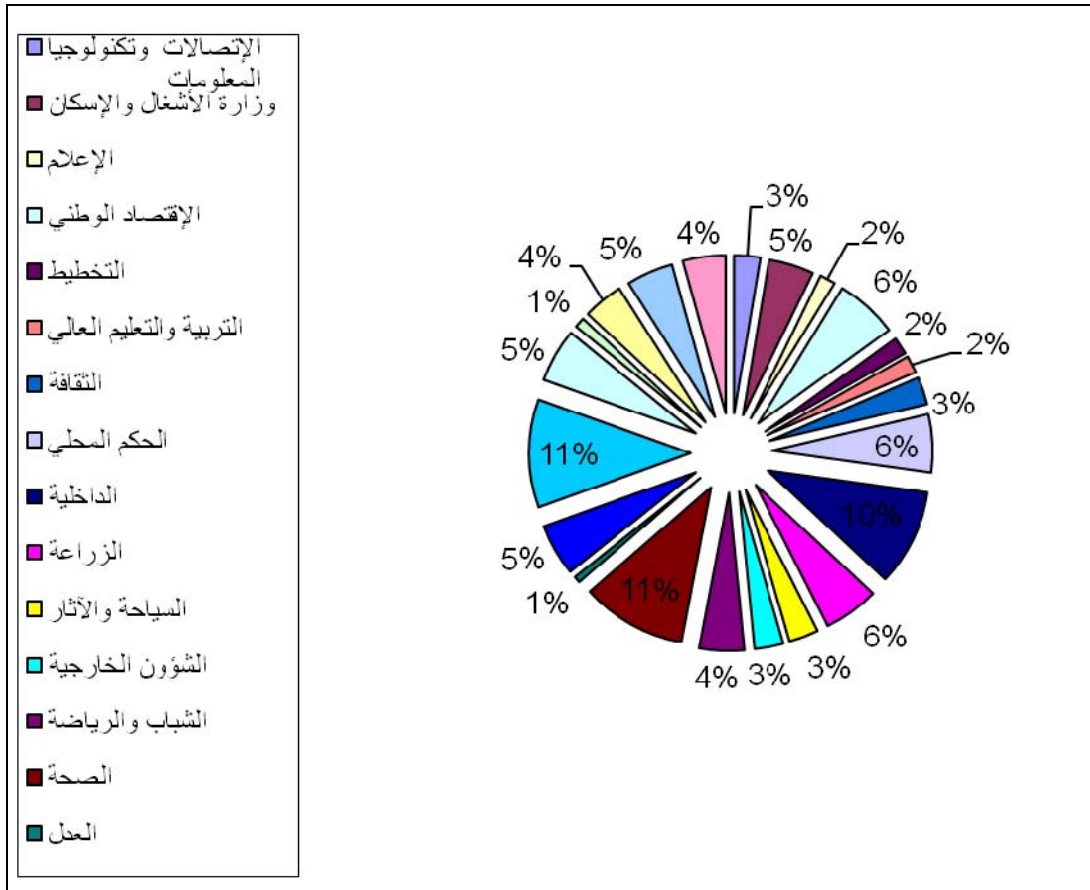
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55	0	4	10	6	35		1
95	1	7	17	6	64		2
33	1	1	10	4	17		3
132	1	26	24	24	57		4
37	0	8	6	2	21		5
37	1	9	5	6	16		6
59	2	7	13	11	26		7
125	5	19	26	21	54		8
207	2	17	60	14	114		9
117	0	12	14	10	81		10
62	0	8	9	11	34		11
61	3	8	14	15	21		12
94	2	9	27	23	33		13
222	2	18	19	24	159		14
14	0	2	2	2	8		15
111	1	9	13	18	70		16
232	3	13	17	21	178		17
115	0	8	21	39	47		18
22	0	5	0	1	16		19
85	0	8	13	5	59		20
98	0	9	13	14	62		21
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%2.6	55		1
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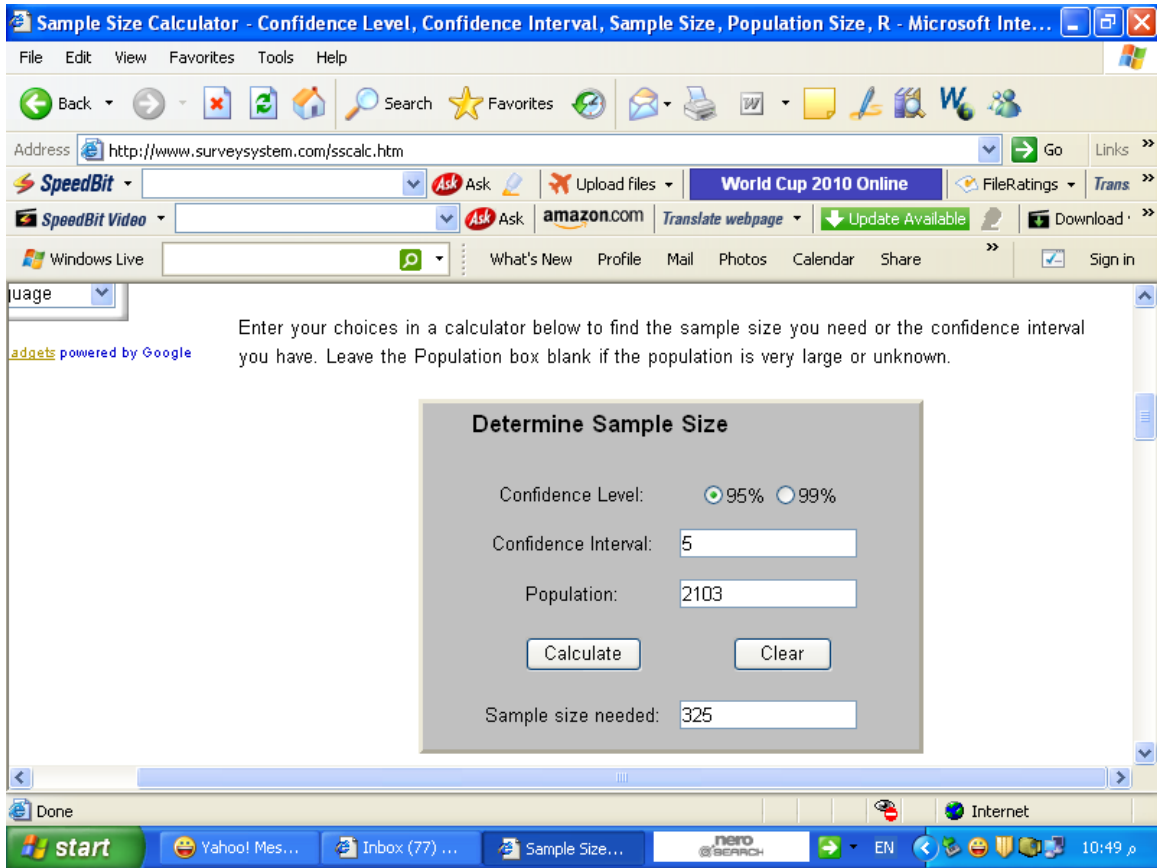
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20	0	5	3	3	9		4
6	0	2	1	-	3		5
6	0	2	1	1	2		6
9	0	1	2	2	4		7
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10	0	1	2	2	5		11
11	1	1	2	3	4		12
15	0	2	4	3	6		13
34	0	3	3	4	24		14
3	0	0	1	1	1		15
16	0	1	2	3	10		16
36	1	1	3	3	28		17
17	0	1	3	5	8		18
3	0	1	0	0	2		19
14	0	1	2	1	10		20
14	0	1	2	2	9		21
14	0	1	2	3	8		22
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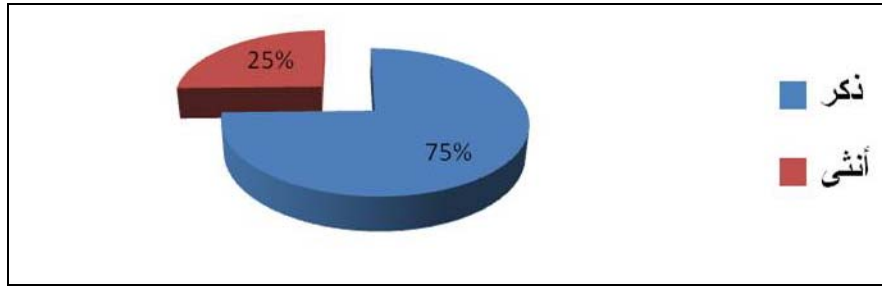
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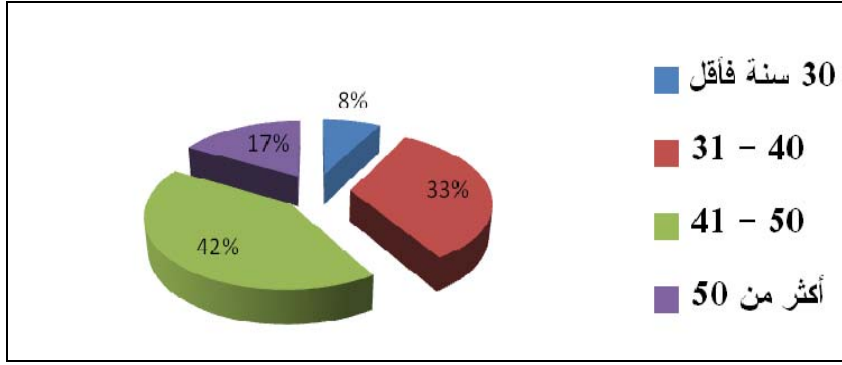
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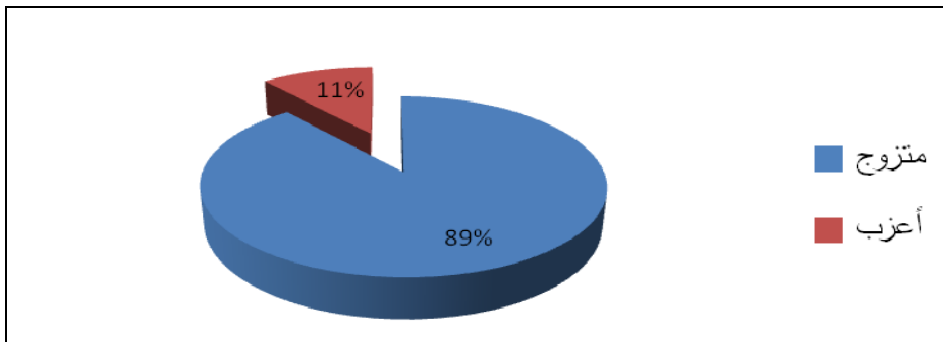
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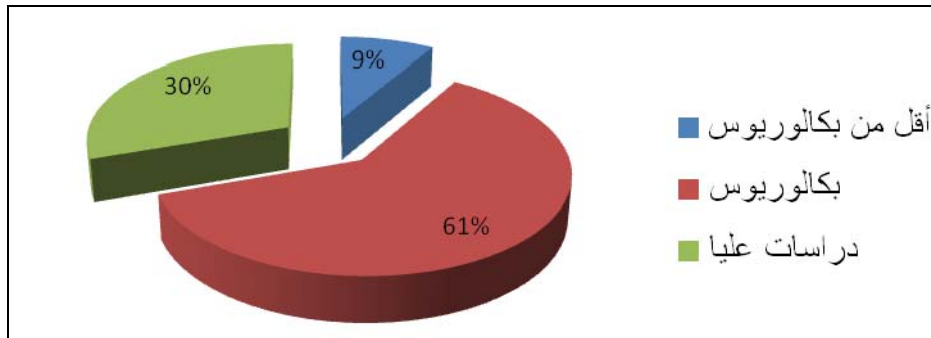
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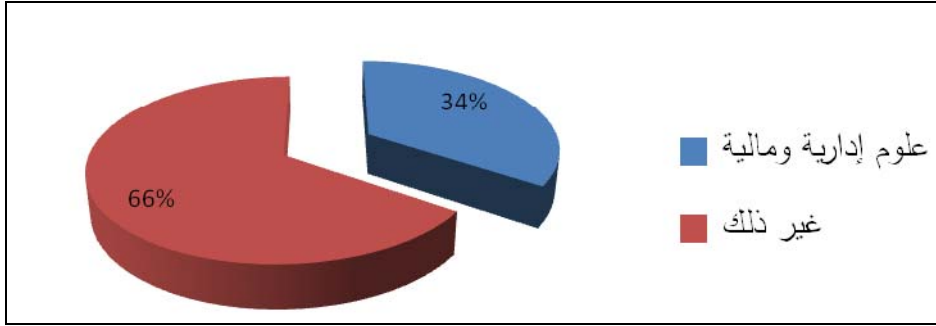
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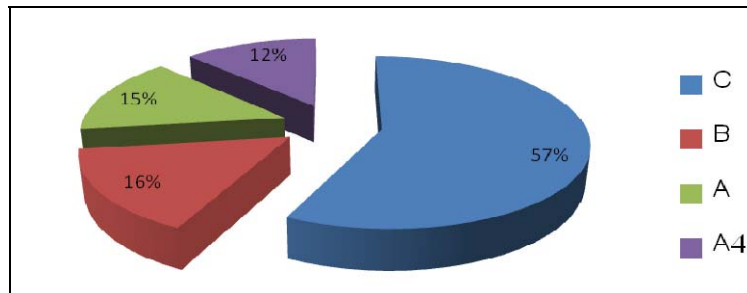
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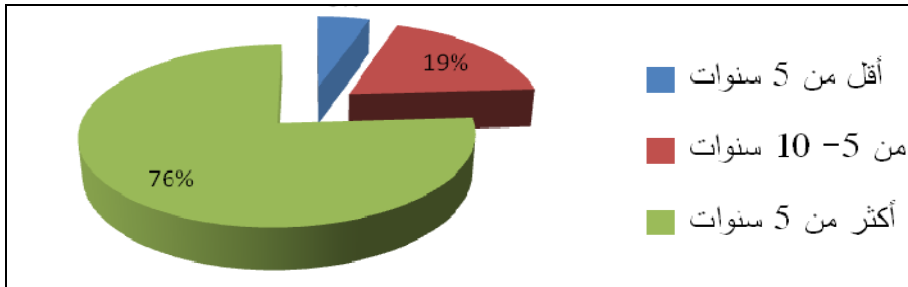


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Factor Analysis

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Alpha		Alpha		Alpha	
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0.60	52	0.68	27	0.68	2
0.61	53	0.60	28	0.60	3
0.71	54	0.62	29	0.63	4
0.63	55	0.67	30	0.63	5
0.69	56	0.66	31	0.62	6
0.65	57	0.61	32	0.69	7
0.71	58	0.63	33	0.70	8
0.64	59	0.60	34	0.62	9
0.67	60	0.60	35	0.60	10
0.66	61	0.62	36	0.67	11
0.65	62	0.66	37	0.62	12
0.65	63	0.63	38	0.64	13
0.70	64	0.60	39	0.60	14
0.64	65	0.65	40	0.60	15
0.67	66	0.65	41	0.68	16

Factor Analysis

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Alpha		Alpha		Alpha	
0.68	67	0.62	42	0.65	17
0.60	68	0.84	43	0.65	18
0.67	69	0.90	44	0.69	19
0.67	70	0.86	45	0.64	20
0.64	71	0.67	46	0.63	21
0.60	72	0.61	47	0.72	22
0.66	73	0.63	48	0.68	23
		0.70	49	0.68	24
		0.63	50	0.68	25

(Factor Analysis)

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Alpha		Alpha		Alpha	
0.72	35	0.65	18	0.60	1
0.67	36	0.60	19	0.68	2
0.60	37	0.66	20	0.61	3
0.69	38	0.60	21	0.64	4
0.72	39	0.64	22	0.64	5
0.71	40	0.72	23	0.60	6
0.60	41	0.68	24	0.60	7
0.60	42	0.61	25	0.78	8
0.72	43	0.72	26	0.83	9
0.62	44	0.72	27	0.70	10
0.68	45	0.63	28	0.60	11
0.60	46	0.75	29	0.60	12

(Factor Analysis)

: -12.3

Alpha		Alpha		Alpha	
0.60	47	0.65	30	0.69	13
0.65	48	0.60	31	0.72	14
0.72	49	0.60	32	0.62	15
0.68	50	0.61	33	0.65	16
		0.66	34	0.60	17

(12.3)

: **.2.6.3**

.(13.3)

Cronbach Alpha

(Cronbach Alpha)

:13.3

Alpha			
0.92	21		1
0.95	21		2
0.94	15		3
0.93	16		4
0.98	73		

(13.3)

Cronbach Alpha

:14.3

Alpha			
0.89	12		1
0.90	8		2
0.93	10		3
0.91	8		4
0.89	6		5
0.91	6		6
0.98	50		

(14.3)

**7.3**

3

$0.05 \geq \alpha$

one way

t-test

:

Pearson

tukey test

analysis of variance

Cronbach Alpha

correlation

.SPSS

.(15.3)

:15.3

	1.66 – 1
	2.33 – 1.67
	3 – 2.34



**1.4**

**: 2.4**

**:**

**: .1.2.4**

**.(1.4)**

:1.4

	%			
0.43	64.3	1.93	280	
0.47	63.0	1.89	280	
0.52	62.3	1.87	280	
0.49	64.0	1.92	280	
0.43	63.5	1.90	280	

1.4

63.5 (1.90)

:

.(0.43)

(0.43)

%64.3 (1.93)

%64.0 (1.92)

(0.49)

(0.52)

%62.3 (1.87)

.(1.4)

:

**.2.2.4**

:

:

**.1.2.2.4**

.(2.4)

:2.4

	%		
0.59	83.0	2.49	
0.65	81.3	2.44	
0.68	79.6	2.39	
0.71	78.6	2.36	
0.71	71.0	2.13	
0.73	69.6	2.09	
0.72	66.3	1.99	
0.74	65.6	1.97	
0.71	65.3	1.96	
0.71	64.0	1.92	
0.73	62.6	1.88	
0.66	62.0	1.86	
0.70	61.6	1.85	
0.72	60.0	1.80	
0.69	59.6	1.79	
0.68	59.0	1.77	
0.70	57.6	1.73	
0.72	56.6	1.70	
0.67	56.0	1.68	
0.63	51.6	1.55	
0.57	44.6	1.34	
0.43	64.5	1.93	

(2.4)

(2.49)

(0.59)

%83.0

%79.6

%56.6

.(2.4)

%44.6

:

**.2.2.2.4**

"

.(3.4)

: -3.4

	%		
0.69	73.6	2.21	
0.71	72.3	2.17	
0.73	69.6	2.09	
0.68	66.3	1.99	( )
0.68	65.0	1.95	
0.70	64.3	1.93	
0.70	64.0	1.92	
0.66	63.6	1.91	
0.68	63.3	1.90	
0.65	63.0	1.89	
0.68	62.6	1.88	

: -3.4

	%		
0.72	62.3	1.87	
0.68	62.0	1.86	
0.69	61.6	1.85	/
0.68	61.3	1.84	
0.71	60.0	1.80	
0.71	59.6	1.79	
0.69	59.3	1.78	
0.66	57.0	1.71	
0.66	55.3	1.66	
0.68	55.0	1.65	
0.47	<b>63.0</b>	1.89	

(3.4)

:

%73.6

(0.69)

(2.21)

(2.17)

% %72.3

(0.71)

%59.3

(1.78)

(0.66)

%55.3

(1.71)

(0.68)

(1.69)

.(3.4)

:

**.3.2.2.4**

"

(4.4)

:4.4

	%		
0.73	74.0	2.22	
0.71	66.3	1.99	
0.70	64.6	1.94	
0.73	64.3	1.93	
0.71	64.0	1.92	
0.74	63.6	1.91	
0.73	63.0	1.89	
0.72	62.0	1.86	
0.71	61.6	1.85	
0.66	60.6	1.82	
0.71	60.0	1.80	
0.69	58.3	1.75	
0.69	58.0	1.74	
0.69	57.3	1.72	
0.69	57.0	1.71	
<b>0.52</b>	<b>62.2</b>	<b>1.87</b>	

%62.2

(1.87)

(0.73)

%74.0

(2.22)

%60

(1.71)

.(4.4)

%57.0

(0.69)

:

**.4.2.2.4**

"

.(5.4)

: -5.4

	%		
0.61	86.3	2.59	
0.71	77.0	2.31	
0.70	68.6	2.06	
0.72	67.0	2.01	
0.74	65.0	1.95	
0.72	64.3	1.93	
0.73	64.0	1.92	
0.65	63.6	1.91	
0.76	62.6	1.88	

: -5.4

	%		
0.74	60.6	1.82	
0.71	60.6	1.81	
0.74	59.3	1.78	
0.69	56.6	1.70	
0.70	56.3	1.69	
0.70	56.0	1.68	
0.68	54.6	1.64	
<b>0.49</b>	<b>63.9</b>	<b>1.92</b>	

(5.4) :

:

%86.3

(2.59)

(0.61)

(0.70)

(2.06)

(0.68)

%54.6

(1.64)

.(5.4)

:

**.3.2.4**

"

.(12.4... 6.4)

:6.4

	%			
0.49	64.0	1.92	280	
0.54	61.0	1.83	280	
0.55	73.3	2.14	280	
0.55	59.0	1.77	280	
0.56	62.3	1.87	280	
0.58	68.8	2.06	280	
0.48	64.7	1.94	280	

(6.4)

.(0.48)

(1.94)

%73.3

.(6.4)

%60

:

**.4.2.4**

:

:

**.1.4.2.4**

"

.(7.4)

(7.4)

:

(0.66) %75.6 (2.27)  
 (2.10)  
 (0.73) %70.0  
 .  
 %56.0 (1.67)  
 (1.67)  
 .(7.4) %55.6 (0.67)  
 :7.4

	%		
0.66	75.6	2.27	
0.73	70.0	2.10	
0.70	69.3	2.08	
0.70	67.3	2.02	
0.72	66.0	1.98	
0.81	65.3	1.96	
0.79	65.0	1.95	
0.75	63.0	1.89	
0.73	60.6	1.82	
0.67	56.3	1.69	
0.76	56.0	1.68	
0.67	55.6	1.67	
<b>0.49</b>	<b>64.1</b>	<b>1.92</b>	

: **.2.4.2.4**

.(8.4)

:8.4

	%		
0.73	68.3	2.05	
0.66	66.3	1.99	
0.70	64.6	1.94	
0.70	61.0	1.83	
0.74	59.6	1.79	
0.73	57.6	1.73	
0.70	56.6	1.70	
0.69	54.3	1.63	
<b>0.54</b>	<b>61.0</b>	<b>1.83</b>	

(8.4)

(0.73) %68.3 (2.05)

(1.94)

(0.70)

(1.63)

0.69)

%54.3

.(8.4)

: **.3.4.2.4**

.(9.4)

:9.4

	%		
0.71	75.0	2.25	
0.70	74.6	2.24	
0.70	74.3	2.23	
0.70	74.0	2.22	
0.71	72.0	2.16	
0.72	70.6	2.12	
0.74	68.6	2.06	
0.70	68.3	2.05	
0.68	68.0	2.04	
0.71	66.6	2.00	
<b>0.55</b>	<b>71.2</b>	<b>2.14</b>	

(9.4)

%75.0 (2.25)

(2.24)

(0.70) %74.6

%68.0 (2.04)

.(9.4 ) (0.55) (2.00)

: .4.4.2.4

.(10.4)

:10.4

	%		
0.78	66.3	1.99	
0.81	64.6	1.94	
0.76	64.3	1.93	
0.72	59.0	1.77	
0.66	57.6	1.73	
0.69	56.0	1.68	
0.69	53.0	1.59	
0.69	52.6	1.58	
<b>0.55</b>	<b>59.1</b>	<b>1.77</b>	

(10.4)

(1.99)

(0.78) %66.3

:

(0.76) (1.93)

:

: (1.59)

(1.58)

.(10.4)

: **.5.4.2.4**

.(11.4)

:11.4

	%		
0.70	67.0	2.01	
0.74	66.3	1.99	
0.69	66.0	1.98	
0.70	62.6	1.88	
0.73	59.3	1.78	
0.70	54.3	1.63	
<b>0.56</b>	<b>62.5</b>	<b>1.87</b>	

(11.4)

:

%67.0

(2.01)

(0.70)

(1.98)

.(11.4 ) %54.3 (1.63)

: **.6.4.2.4**

(12.4)

:12.4

	%		
0.68	73.6	2.21	
0.71	69.9	2.09	
0.73	68.3	2.05	
0.72	68.0	2.04	
0.70	67.6	2.03	
0.71	64.3	1.93	
<b>0.58</b>	<b>68.6</b>	<b>2.06</b>	

(12.4)

:

:

(2.03)

(0.71)

(1.93)

**3.4**

:

**.1.3.4**

$0.05 \geq \alpha$

:

:

: **.1.1.3.4**

$$0.05 \geq \alpha$$

(t-test)

.(13.4)

(t-test) :13.4

0.349	0.938	278	0.44	1.95	209		
			0.40	1.89	71		
0.272	1.100	278	0.48	1.90	209		
			0.46	1.83	71		
0.274	1.097	278	0.53	1.89	209		
			0.48	1.81	71		
0.988	-0.015	278	0.51	1.91	209		
			0.42	1.92	71		
0.377	0.884	278	0.44	1.92	209		
			0.40	1.86	71		

(13.4)

$$0.05 \geq \alpha$$

: **.2.1.3.4**

$$0.05 \geq \alpha$$

(t-test)

.(14.4 )

(t-test) :14.4

0.964	0.045	278	0.43	1.93	249		
			0.43	1.93	31		
0.454	0.750	278	0.48	1.89	249		
			0.45	1.82	31		
0.454	0.750	278	0.52	1.88	249		
			0.46	1.80	31		
0.460	-0.739	278	0.50	1.91	249		
			0.42	1.98	31		
0.802	0.131	278	0.43	1.90	249		
			0.40	1.88	31		

(14.4)

$$0.05 \geq \alpha$$

: **.3.1.3.4**

$$0.05 \geq \alpha$$

"

(t-test)

.(15.4 )

(t-test)

:15.4

0.802	-0.251	268	0.41	1.92	93		
			0.44	1.94	177		
0.960	0.050	268	0.48	1.88	93		
			0.47	1.88	177		
0.618	0.499	268	0.52	1.89	93		
			0.52	1.85	177		
0.507	0.664	268	0.47	1.94	93		
			0.49	1.89	177		
0.818	0.230	268	0.42	1.91	93		
			0.43	1.89	177		

(15.4)

$0.05 \geq \alpha$

:

**.4.1.3.4**

$0.05 \geq \alpha$

"

one way analysis of variance

.(16.4)

:16.4

0.261	1.341	0.255	0.766	3		
		0.191	51.825	272		
		-	52.591	275		
0.579	0.657	0.151	0.453	3		
		0.230	62.535	272		
		-	62.988	275		
0.757	0.395	0.109	0.326	3		
		0.275	74.779	272		
		-	75.106	275		
0.899	0.196	0.049	0.146	3		
		0.247	67.221	272		
		-	67.367	275		
0.699	0.476	0.091	0.274	3		
		0.192	52.173	272		
		-	<b>52.448</b>	<b>275</b>		

(16.4)

$0.05 \geq \alpha$

(17.4)

:17.4

0.38	1.77	22	
0.46	1.92	92	40-31
0.42	1.96	115	50-41
0.43	1.98	47	51
0.45	1.75	22	
0.50	1.89	92	40-31
0.46	1.90	115	50-41
0.46	1.91	47	51
0.51	1.85	22	
0.52	1.83	92	40-31
0.52	1.91	115	50-41
0.52	1.85	47	51
0.42	1.93	22	
0.50	1.88	92	40-31
0.49	1.93	115	50-41
0.52	1.91	47	51
0.36	1.82	22	
0.45	1.88	92	40-31
0.43	1.93	115	50-41
0.44	1.92	47	51

:

**.5.1.3.4**

$0.05 \geq \alpha$

one way analysis of variance

.(11.4)

:18.4

0.822	0.196	0.037	0.075	2		
		0.191	52.807	277		
		-	52.881	279		
0.975	0.026	0.006	0.012	2		
		0.229	63.479	277		
		-	63.491	279		
0.791	0.234	0.064	0.128	2		
		0.272	75.476	277		
		-	75.603	279		
0.742	0.299	0.073	0.146	2		
		0.244	67.636	277		
		-	67.782	279		
0.975	0.026	0.005	0.010	2		
		0.190	52.642	277		
		-	52.652	279		

(18.4)

$0.05 \geq \alpha$

(19.4)

:

**.6.1.3.4**

$0.05 \geq \alpha$

one way analysis of variance

.(13.4)

:19.4

0.46	1.93	24		
0.43	1.92	171		
0.42	1.96	85		
0.56	1.88	24		
0.46	1.89	171		
0.48	1.88	85		
0.56	1.84	24		
0.51	1.88	171		
0.53	1.84	85		
0.54	1.94	24		
0.50	1.93	171		
0.46	1.88	85		
0.50	1.90	24		
0.42	1.91	171		
0.43	1.89	85		

: -20.4

0.114	1.999	0.375	1.125	3		
		0.188	51.757	276		
		-	52.881	279		

: -20.4

0.025	3.173	0.706	2.117	3		
		0.222	61.374	276		
		-	63.491	279		
0.026	3.135	0.830	2.491	3		
		0.265	73.112	276		
		-	75.603	279		
0.019	3.376	0.800	2.399	3		
		0.237	65.383	276		
		-	67.782	279		
0.026	3.123	0.576	1.729	3		
		0.185	50.923	276		
		-	52.652	279		

(20.4)

$0.05 \geq \alpha$

:

(tukey test)

.(21.4)

tukey test

: -21.4

<b>A4</b>	<b>A</b>	<b>B</b>	<b>C</b>		
0.05497	0.17052	0.21431*		C	
-0.15934	-0.04379			B	
-0.11555				A	
				A4	

tukey test

: -21.4

A4	A	B	C		
0.08887	0.20645	0.21610*		C	
-0.12723	-0.00965			B	
-0.11758				A	
				A4	
0.02762	0.23477*	0.17085		C	
-0.20714	-0.06392			B	
0.20714				A	
				A4	

(21.4)

B C

A C

.(22.4 )

: -22.4

0.42	1.95	160	C	
0.41	1.81	44	B	
0.42	1.89	41	A	
0.48	2.03	35	A4	
0.46	1.95	160	C	
0.45	1.74	44	B	
0.43	1.78	41	A	
0.55	1.90	35	A4	

: -22.4

0.52	1.94	160	C	
0.46	1.73	44	B	
0.46	1.74	41	A	
0.58	1.85	35	A4	
0.49	1.98	160	C	
0.42	1.81	44	B	
0.43	1.75	41	A	
0.56	1.95	35	A4	
0.42	1.96	160	C	
0.39	1.77	44	B	
0.38	1.80	41	A	
0.51	1.94	35	A4	

: **.7.1.3.4**

$$0.05 \geq \alpha$$

one way analysis of variance .

.(23.4)

: -23.4

0.687	0.376	0.072	0.144	2		
		0.192	52.203	272		
		-	52.347	274		

: -23.4

0.091	2.419	0.548	1.097	2		
		0.227	61.660	272		
		-	62.756	274		
0.029	3.598	0.967	1.934	2		
		0.269	73.096	272		
		-	75.030	274		
0.029	3.594	0.861	1.723	2		
		0.240	65.195	272		
		-	66.918	274		
0.104	2.279	0.429	0.859	2		
		0.188	51.242	272		
		-	52.101	274		

(23.4)

$0.05 \geq \alpha$

:

tukey )

(test

.(24.4)

tukey test

: -24.4

<b>10</b>	<b>10-5</b>	<b>5</b>		
0.38198*	0.37949*		5	
0.00249			10-5	
			10	



: **.2.3.4**

$$0.05 \geq \alpha$$

:

.

:

: **.1.2.3.4**

$$0.05 \geq \alpha$$

(t-test)

.(26.4)

(t-test)

:26.4

0.136	1.495	278	0.48	1.95	209		
			0.49	1.85	71		
0.268	1.109	278	0.55	1.85	209		
			0.52	1.76	71		
0.041	2.055	278	0.55	2.18	209		
			0.54	2.02	71		
0.122	1.555	278	0.56	1.80	209		
			0.50	1.69	71		
0.137	1.491	278	0.58	1.90	209		
			0.53	1.79	71		
0.110	1.604	278	0.59	2.09	209		
			0.56	1.96	71		
0.080	1.757	278	0.48	1.97	209		
			0.46	1.85	71		

(26.4)

$0.05 \geq \alpha$

: **.2.2.3.4**

$0.05 \geq \alpha$

(t-test)

.(27.4)

(t-test)

:27.4

0.619	-0.498	278	0.48	1.92	249		
			0.55	1.96	31		
0.581	-0.552	278	0.55	1.82	249		
			0.51	1.88	31		
0.581	-0.553	278	0.55	2.13	249		
			0.57	2.19	31		
0.988	-0.015	278	0.55	1.77	249		
			0.56	1.77	31		
0.925	-0.094	278	0.56	1.87	249		
			0.59	1.88	31		
0.897	0.129	278	0.58	2.06	249		
			0.59	2.04	31		
0.729	-0.347	278	0.48	1.93	249		
			0.50	1.96	31		

(27.4)

$0.05 \geq \alpha$

: **.3.2.3.4**

$0.05 \geq \alpha$

(t-test)

.(28.4)

(t-test)

:28.4

0.643	0.464	268	0.45	1.93	93		
			0.50	1.91	177		
0.057	1.913	268	0.54	1.91	93		
			0.54	1.78	177		
0.354	0.928	268	0.58	2.18	93		
			0.53	2.12	177		
0.718	-0.361	268	0.55	1.75	93		
			0.55	1.78	177		
0.976	-0.030	268	0.56	1.87	93		
			0.57	1.87	177		
0.787	-0.270	268	0.58	2.04	93		
			0.58	2.06	177		
0.573	0.564	268	0.47	1.96	93		
			0.48	1.92	177		

(28.4)

$0.05 \geq \alpha$

:

.4.2.3.4

$0.05 \geq \alpha$

one way analysis of variance

.(29.4)

: -29.4

0.784	0.357	0.087	0.260	3		
		0.243	66.067	272		
		-	66.327	275		
0.803	0.331	0.101	0.303	3		
		0.305	82.827	272		
		-	83.130	275		
0.664	0.527	0.164	0.493	3		
		0.311	84.725	272		
		-	85.218	275		
0.563	0.683	0.210	0.631	3		
		0.308	83.695	272		
		-	84.325	275		
0.369	1.055	0.343	1.030	3		
		0.325	88.449	272		
		-	89.478	275		

: -29.4

0.443	0.989	0.313	0.938	3		
		0.348	94.696	272		
		-	95.634	275		
0.661	0.532	0.125	0.374	3		
		0.235	63.786	272		
		-	64.161	275		

(29.4)

$0.05 \geq \alpha$

: -30.4

0.37	1.89	22	30	
0.48	1.88	92	40-31	
0.51	1.94	115	50-41	
0.49	1.96	47	51	
0.36	1.72	22	30	
0.55	1.85	92	40-31	
0.55	1.82	115	50-41	
0.59	1.83	47	51	
0.51	2.00	22	30	
0.56	2.15	92	40-31	
0.54	2.15	115	50-41	
0.60	2.15	47	51	

: -30.4

0.46	1.65	22	30
0.57	1.74	92	40-31
0.55	1.79	115	50-41
0.54	1.83	47	51
0.56	1.71	22	30
0.57	1.84	92	40-31
0.59	1.93	115	50-41
0.49	1.88	47	51
0.54	1.87	22	30
0.58	2.05	92	40-31
0.58	2.08	115	50-41
0.61	2.10	47	51
0.39	1.82	22	30
0.48	1.92	92	40-31
0.49	1.95	115	50-41
0.49	1.97	47	51

: **.5.2.3.4**

$0.05 \geq \alpha$

one way analysis of variance

(31.4)

(31.4)

$0.05 \geq \alpha$

:31.4

0.509	0.676	0.164	0.328	2		
		0.243	67.216	277		
		-	67.544	279		
0.505	0.686	0.207	0.413	2		
		0.301	83.452	277		
		-	83.866	279		
0.558	0.585	0.181	0.363	2		
		0.310	85.909	277		
		-	86.272	279		
0.676	0.392	0.121	0.242	2		
		0.309	85.526	277		
		-	85.768	279		
0.974	0.026	0.009	0.017	2		
		0.327	90.508	277		
		-	90.525	279		
0.951	0.050	0.017	0.035	2		
		0.349	96.607	277		
		-	96.642	279		
0.848	0.165	0.039	0.077	2		
		0.234	64.927	277		
		-	65.004	279		

: -32.4

0.53	2.01	24		
0.46	1.90	171		
0.53	1.94	85		

: -32.4

0.53	1.85	24		
0.54	1.85	171		
0.55	1.77	85		
0.60	2.19	24		
0.54	2.16	171		
0.55	2.09	85		
0.63	1.83	24		
0.55	1.75	171		
0.54	1.80	85		
0.63	1.90	24		
0.55	1.87	171		
58.	1.87	85		
0.61	2.09	24		
0.58	2.05	171		
0.59	2.06	85		
0.53	1.99	24		
0.46	1.93	171		
0.50	1.93	85		

: **.6.2.3.4**

$0.05 \geq \alpha$

one way analysis of variance

.(33.4)

:33.4

0.041	2.781	0.661	1.982	3		
		0.238	65.562	276		
		-	67.544	279		
0.151	1.781	0.531	1.593	3		
		0.298	82.273	276		
		-	83.866	279		
0.567	0.677	0.210	0.630	3		
		0.310	85.642	276		
		-	86.272	279		
0.065	2.439	0.738	2.215	3		
		0.303	83.553	276		
		-	85.768	279		
0.177	1.653	0.533	1.598	3		
		0.322	88.927	276		
		-	90.525	279		
0.331	1.145	0.396	1.187	3		
		0.346	95.454	276		
		-	96.642	279		
0.153	1.773	0.410	1.229	3		
		0.231	63.776	276		
		-	65.004	279		

(33.4)

$0.05 \geq \alpha$

(tukey test)

.(34.4 )

:34.4

<b>A4</b>	<b>A</b>	<b>B</b>	<b>C</b>		
-0.09673	0.15960	0.14602		C	
-0.24275	0.01358			B	
-0.25633*				A	
				A4	

(34.4)

A4

A

.(35.4)

: -35.4

0.48	1.96	160	C		
0.44	1.81	44	B		
0.43	1.80	41	A		
0.57	2.05	35	A4		
0.54	1.88	160	C		
0.50	1.74	44	B		
0.54	1.69	41	A		
0.59	1.87	35	A4		
0.53	2.14	160	C		
0.53	2.07	44	B		
0.57	2.12	41	A		
0.66	2.24	35	A4		

: -35.4

0.54	1.76	160	C	
0.51	1.73	44	B	
0.54	1.67	41	A	
0.61	1.99	35	A4	
0.55	1.91	160	C	
0.58	1.78	44	B	
0.58	1.75	41	A	
0.55	1.96	35	A4	
0.57	2.10	160	C	
0.61	1.93	44	B	
0.55	2.00	41	A	
0.64	2.09	35	A4	
0.47	1.96	160	C	
0.45	1.85	44	B	
0.46	1.84	41	A	
0.55	2.05	35	A4	

: **.7.2.3.4**

$0.05 \geq \alpha$

one way analysis of variance

.(36.4)

(36.4)

$0.05 \geq \alpha$

:36.4

0.110	2.229	0.532	1.064	2		
		0.239	64.935	272		
		-	65.999	274		
0.222	1.514	0.457	0.915	2		
		0.302	82.200	272		
		-	83.115	274		
0.091	2.419	0.748	1.495	2		
		0.309	84.060	272		
		-	85.555	274		
0.627	0.468	0.146	0.292	2		
		0.312	84.819	272		
		-	85.111	274		
0.547	0.604	0.197	0.393	2		
		0.325	88.498	272		
		-	88.891	274		
0.279	1.281	0.443	0.885	2		
		0.345	93.967	272		
		-	94.852	274		
0.214	1.550	0.361	0.723	2		
		0.233	63.386	272		
		-	64.109	274		

: **.3.3.4**

$$0.05 \geq \alpha$$

:

:37.4

0.49	2.17	14	5	
0.46	1.86	52	10-5	
0.49	1.92	209	10	
0.52	2.07	14	5	
0.56	1.84	52	10-5	
0.54	1.80	209	10	
0.52	2.40	14	5	
0.53	2.04	52	10-5	
0.56	2.15	209	10	
0.58	1.90	14	5	
0.57	1.80	52	10-5	
0.55	1.76	209	10	
0.65	2.03	14	5	
0.53	1.84	52	10-5	
0.57	1.87	209	10	
0.70	2.25	14	5	
0.63	1.97	52	10-5	
0.56	2.07	209	10	
0.50	2.15	14	5	
0.49	1.89	52	10-5	
0.47	1.93	209	10	

: **.1.3.3.4**

$0.05 \geq \alpha$

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Pearson correlation

.(38.4 )

:38.4

	( )		
0.000	*0.808	280	

(38.4)

$0.05 \geq \alpha$

: **.2.3.3.4**

$0.05 \geq \alpha$

Pearson correlation

.(39.4)

:39.4

	( )		
0.000	*0.797	280	

(40.4)

$0.05 \geq \alpha$

: **.3.3.3.4**

$0.05 \geq \alpha$

Pearson correlation

.(40.4)

:40.4

	( )		
0.000	*0.704	280	

(40.4)

$0.05 \geq \alpha$

: **.4.3.3.4**

$0.05 \geq \alpha$

Pearson correlation

.(41.4)

$0.05 \geq \alpha$

(41.4)

:41.4

	( )		
0.000	*0.730	280	

: **.5.3.3.4**

$0.05 \geq \alpha$

Pearson correlation

.(42.4)

:42.4

	( )		
0.000	*0.743	280	

(42.4)

$0.05 \geq \alpha$

: **.6.3.3.4**

$0.05 \geq \alpha$

Pearson correlation

.(43.4 )

:43.4

	( )		
0.000	*0.795	280	

(43.4)

$0.05 \geq \alpha$

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**.7.3.3.4**

$0.05 \geq \alpha$

Pearson correlation

.(44.4)

:44.4

	( )		
0.000	*0.860	280	

(44.4)

$0.05 \geq \alpha$

: **.4.3.4**

155

.(45.4)

:45.4

32		1
26		2
25		3
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22		5
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242		

(45.4)

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(%70-%83)

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(1.70)

(1.89)

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%75.6

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%54.3

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: **.2.2.5**

%74.6  
%25.4

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%75

( )

%30

%34.4

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%5 ( 16)

: : .3.2.5

$0.05 \geq \alpha$

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$0.05 \geq \alpha$

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$0.05 \geq \alpha$

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.(2006 )

$0.05 \geq \alpha$

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- [Http://www.grec.com](http://www.grec.com) 14/3/2010
- [Http://www.pogr.org/Arabic/governance/transparenc/gfd/service.aspx](http://www.pogr.org/Arabic/governance/transparenc/gfd/service.aspx)
- [Http://www.nabanews.net/2009/11222.html](http://www.nabanews.net/2009/11222.html)
- [Http://Info.wordbank.org/governance/wgi/Indx.asp/2009](http://Info.wordbank.org/governance/wgi/Indx.asp/2009)
- [Http://www.undp.porgar.org/Arabic/governance/2009](http://www.undp.porgar.org/Arabic/governance/2009)
- [Http://www.hrdisscussion.com/hr6800.html/2009](http://www.hrdisscussion.com/hr6800.html/2009)

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				93

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				102

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				110
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				120
				121
				122
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-	74.6	209	
	25.4	71	
4	8.0	22	-30
	33.3	92	40-31
	41.7	115	50-41
	17.0	47	+51
-	88.9	249	
	11.1	31	
-	8.6	24	
	61.1	171	
	30.4	85	
10	34.4	93	
	65.6	177	
-	57.1	160	C
	15.7	44	B
	14.6	41	A
	12.5	35	A4
5	5.1	14	-5
	18.9	52	10-5
	76.0	209	+10

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		.	14

142	.....	1
151	.....	2
152	.....	3

68	(C,B,A,A4,A3)	1.3
.....		
69	.....	2.3
71	(C,B,A,A4,A3)	3.3
.....		
73	.....	4.3
73	.....	5.3
74	.....	6.3
75	.....	7.3
75	.....	8.3
76	.....	9.3
77	.....	10.3
78	Factor Analysis	11.3
79	.. (Factor Analysis)	12.3
80	(Cronbach Alpha)	13.3
.....		
81	(Cronbach Alpha)	14.3
.....		
82	.....	15.3
84		1.4
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85		2.4
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86		3.4

88	.....		4.4
89	.....		5.4
91	.....		6.4
92	.....		7.4
93	.....		8.4
94	.....		9.4
95	.....		10.4
96	.....		11.4
96	.....		12.4
98	.....	(t-test)	13.4
99	.....	(t-test)	14.4
100	.....	(t-test)	15.4
101	.		16.4

102	.....	17.4
103	.....	18.4
104	.....	19.4
104	.....	20.4
105	..... tukey test	21.4
106	.....	22.4
107	.....	23.4
108	..... tukey test	24.4
109	.....	25.4
110	..... (t-test)	26.4

111	..... (t-test)	27.4
112	..... (t-test)	28.4
113	.....	29.4
114	.....	30.4
116	.....	31.4
116	.....	32.4
118	.....	33.4
119	.....	34.4
119	.....	35.4
121	.....	36.4
122	.....	37.4
123	..... Pearson correlation	38.4

123	..... Pearson correlation	39.4
124	..... Pearson correlation	40.4
125	..... Pearson correlation	41.4
125	..... Pearson correlation	42.4
126	..... Pearson correlation	43.4
126	..... Pearson correlation	44.4
127	..... .....	45.4

32	.....	1.2
69	.....	1.3
71	.....	2.3
73	.....	3.3
74	.....	4.3
74	.....	5.3
75	.....	6.3
76	.....	7.3
76	.....	8.3
77	.....	9.3

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**1** ..... :

1	.....	1.1
2	.....	2.1
3	.....	3.1
3	.....	4.1
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4	.....	6.1
5	.....	7.1
7	.....	8.1

**8** ..... :

8	.....	1.2
8	.....	2.2
9	.....	1.2.2
10	.....	2.2.2

11	.....	3.2.2
13	.....	4.2.2
13	.....	5.2.2
14	.....	1.3.2
15	.....	2.3.2
15	.....	3.3.2
16	.....	4.3.2
18	.....	5.3.2
18	.....	1.4.2
20	.....	2.4.2
21	.....	3.4.2
23	.....	4.4.2
26	.....	5.4.2
30	.....	6.4.2
31	.....	7.4.2
32	.....	8.4.2
36	.....	9.4.2
37	.....	10.4.2
38	.....	11.4.2
42	.....	12.4.2
46	.....	1.5.2
48	.....	2.5.2
49	.....	3.5.2
55	.....	4.5.2
56	.....	6.2
56	.....	1.6.2
60	.....	2.6.2
64	.....	3.6.2
65	.....	4.6.2

<b>67</b>	.....	:
67	.....	1.3
67	.....	2.3
67	.....	3.3
70	.....	4.3
72	.....	5.3
77	.....	6.3
78	.....	1.6.3
80	.....	2.6.3
80	.....	7.3
<b>83</b>		:
83	.....	1.4
83	.....	2.4
83	.....	1.2.4
84	.....	2.2.4
84	.....	1.2.2.4
86	.....	2.2.2.4
87	.....	3.2.2.4
89	.....	4.2.2.4
90	.....	3.2.4
91	.....	4.2.4
91	.....	1.4.2.4
93	.....	2.4.2.4
94	.....	3.4.2.4
95	.....	4.4.2.4
96	.....	5.4.2.4

97	.....	6.4.2.4
97	.....	3.4
97	.....	1.3.4
110	.....	2.3.4
121	.....	3.3.4
127	.....	4.3.4
<b>128</b>	..... :	
128	.....	1.5
128	.....	2.5
134	.....	3.5
135	.....	3.5
<b>138</b>	.....	
<b>153</b>	.....	
<b>154</b>	.....	
<b>159</b>	.....	
<b>160</b>	.....	