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GHDC	:	German House For Development Cooperation	:
GEF	:	Global Environment Faciliy	:
UNDP	:	United nation Development Program	:
WB	:	The World Bank	:
WLPS	:	Wildlife Palestine Society	:
PARC	:	Palestinian Agricultural Relief Committees	:
JICA		Japan International Cooperation Agency	
SPSS	:	Statistical Package for Social Sciences	:
ANOVA	:	Analysis of variance	:
WWF		World Wildlife Fund	:
IUCN		International Union for Conservation of Nature	:

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Proposed mechanisms for the development of Eco-Tourism in the Jordan Valley and the promotion of its expected role in achieving sustainable development.

Abstract

This study was conducted in the period between months of May and December 2009. The target group was concerned personnel in the international organizations, the official institutions and those non-governmental foundations (developmental and researches) in the West Bank, as well as leaders of the local community in southern part of the Jordan Valley.

For the purposes of achieving the objectives of the project , a questionnaire has been planned in order to identify the reality of the southern part of the Jordan Valley in terms of: the most important eco-tourist sites, the incentives of eco-tourism, the hindrances of eco-tourism, the promotion mechanisms of eco-tourism and the expected role of eco-tourism in developing the local community. The measurement tool was divided into three degrees (large 3, medium 2, weak 1) each was divided into three levels (1, 2, 3). The questionnaire was distributed on (175) accidental sample of the group. This research was undertaken in accordance with the basics of the descriptive approach, data was analyzed and displayed by using (SPSS, Excel) programs.

As for the most significant results of the survey, it revealed that the most important places in the southern of the Jordan Valley are the Dead Sea, Mount of Temptation and Al-fashkha spring ,with the average of (2.74, 2.67,2.52) respectively.

Regarding the most important obstacles of eco-tourism according to average of group answers were as follows: at the institutional level is the weakness of tourism investment (2.70) and lack of tourism information (2.61), and at the political level , the lack of national sovereign authority over borders (2.85) and the prevention of Arab tourists from visiting the tourist sites (2.79). At the level of natural sources, the weakness of flowage of many springs (2.64) and the over-exploitation of natural resources (2.64) Furthermore, at the level of infrastructure and superstructure is the shortage of sanitation utilities in the tourist places (2.50) and the deficiency of tourist services (2.47).

On the other hand, the most important incentives of eco-tourism that the region owned were represented as follows: at the natural level is the presence of the Dead Sea the unique natural site in the world (2.86) , and due to the count of the area as the lowest point in the world from the sea level (2.78).Moreover, at the institutional level is the availability of eligible human cadets (2.43) and organizational leadership that believes in eco-tourism (2.42).

Whereas, the most significant promotion mechanisms of eco-tourism according to average of group answers were as following: at the fundamental level are setting up a strategic plan that focuses on eco-tourism (2.71) , encouraging the eco-tourist investment (2.71) and disseminating generally the culture of eco-tourism (2.69). Further, at the level of natural areas are the activation of the environmental laws (2.67) , the rehabilitation of natural zones (2.65) and the conservation of biodiversity (2.62).

In regard to the expected role of the eco-tourism in achieving the development of the local community according to the group answers were as follows: in the economic field, are the contribution to increase the revenue (2.74) and the encouragement of internal tourism (2.63). Besides, in the social field is to reinforce the relation of inhabitants with the tourist sites (2.50) and to find an environmentally educated society (2.49). Additionally, in the health field is to ensure the water quality (2.58) and to develop the health utilities in the region (2.49). As well as ,in the field of culture is spreading out the knowledge at the national level (2.62) and paying more attention and

care about the natural culture heritage, (2.62). More, in the field of environment is to disseminate generally the environmental culture (2.58) and safekeeping and sustentation of environment (2.57)

Finally and in the light of the previous outcomes, the study recommends that it is necessary to invest in general in tourism and in particular in eco-tourism in the Jordan Valley, since it has the inducements of eco-tourism, this can be done by the coordination between the public sector and the private sector. A political solution should be found in order to have a national sovereign authority over borders, so that it would allow tourism in the Palestinian territories for both Arabs and foreign tourists alike. Due to the great significance of the Dead Sea location, information about such a place should be promoted as it is one of the most world wonders .

Hence, researches and studies must be carried out to protect plants and animals in the Jordan Valley to increase them and to conserve the biodiversity. Still, it is necessary to try hard to encourage and motivate the private sector to take advantage in the eco-tourism, the establishment of a specialized institution to support the investment in the projects of eco-tourism and the foundation of wholesome centers nearby the tourist places.

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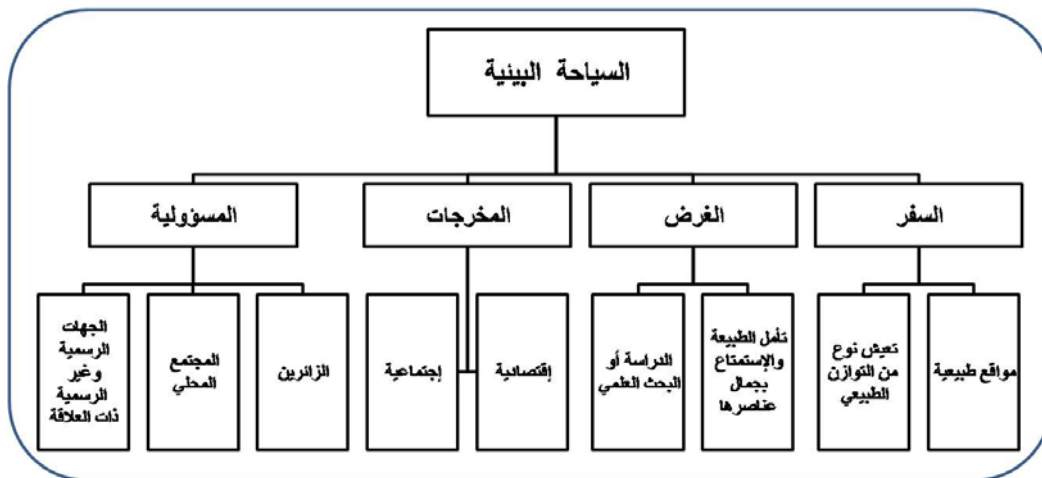
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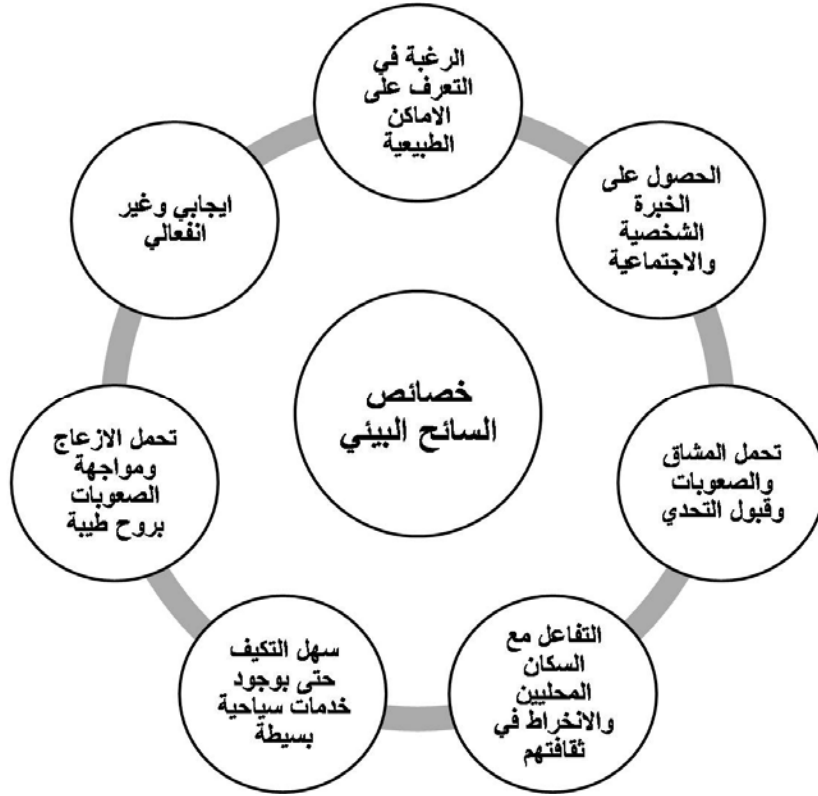
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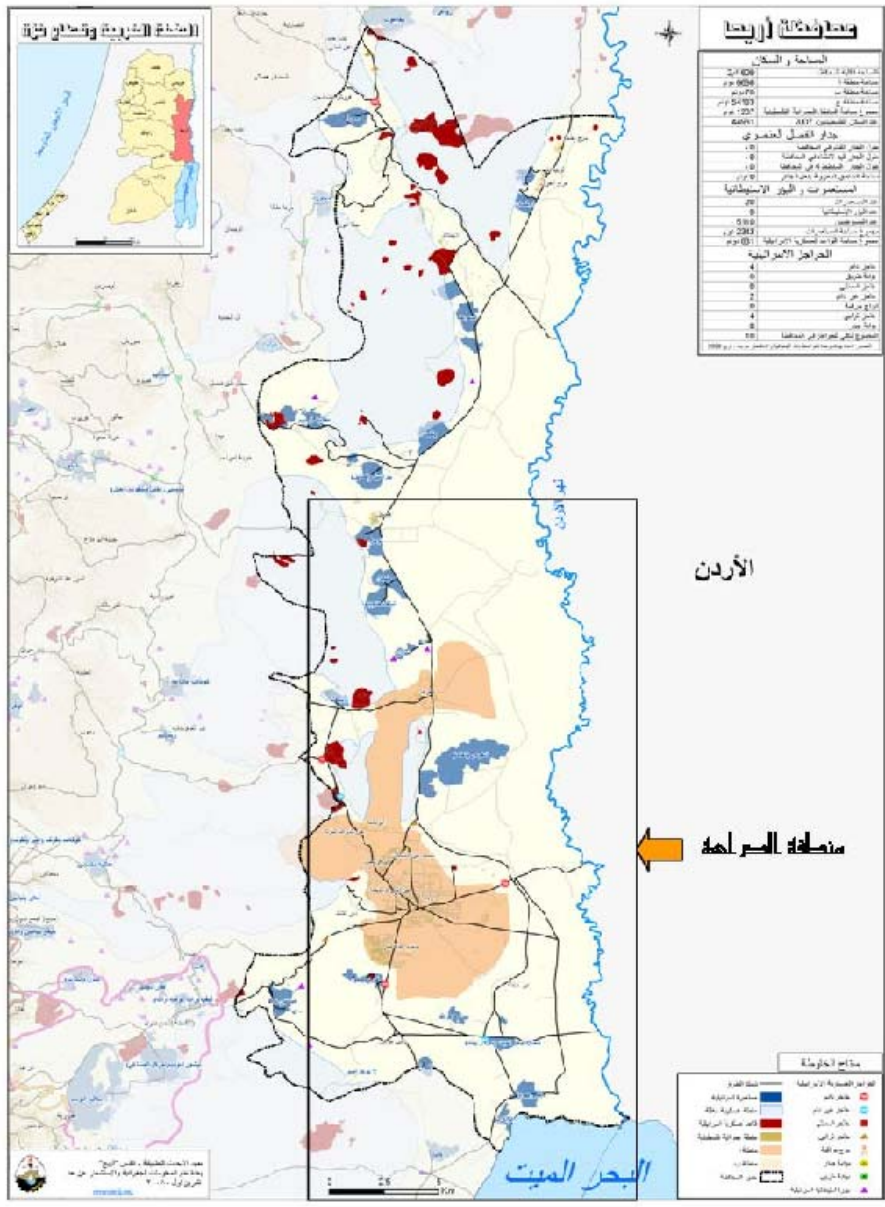
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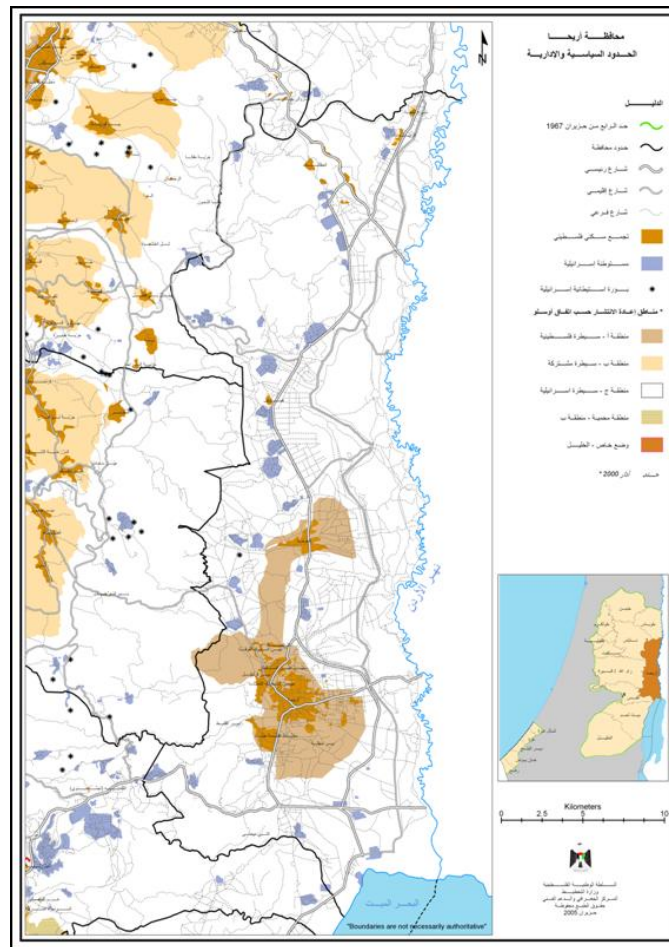
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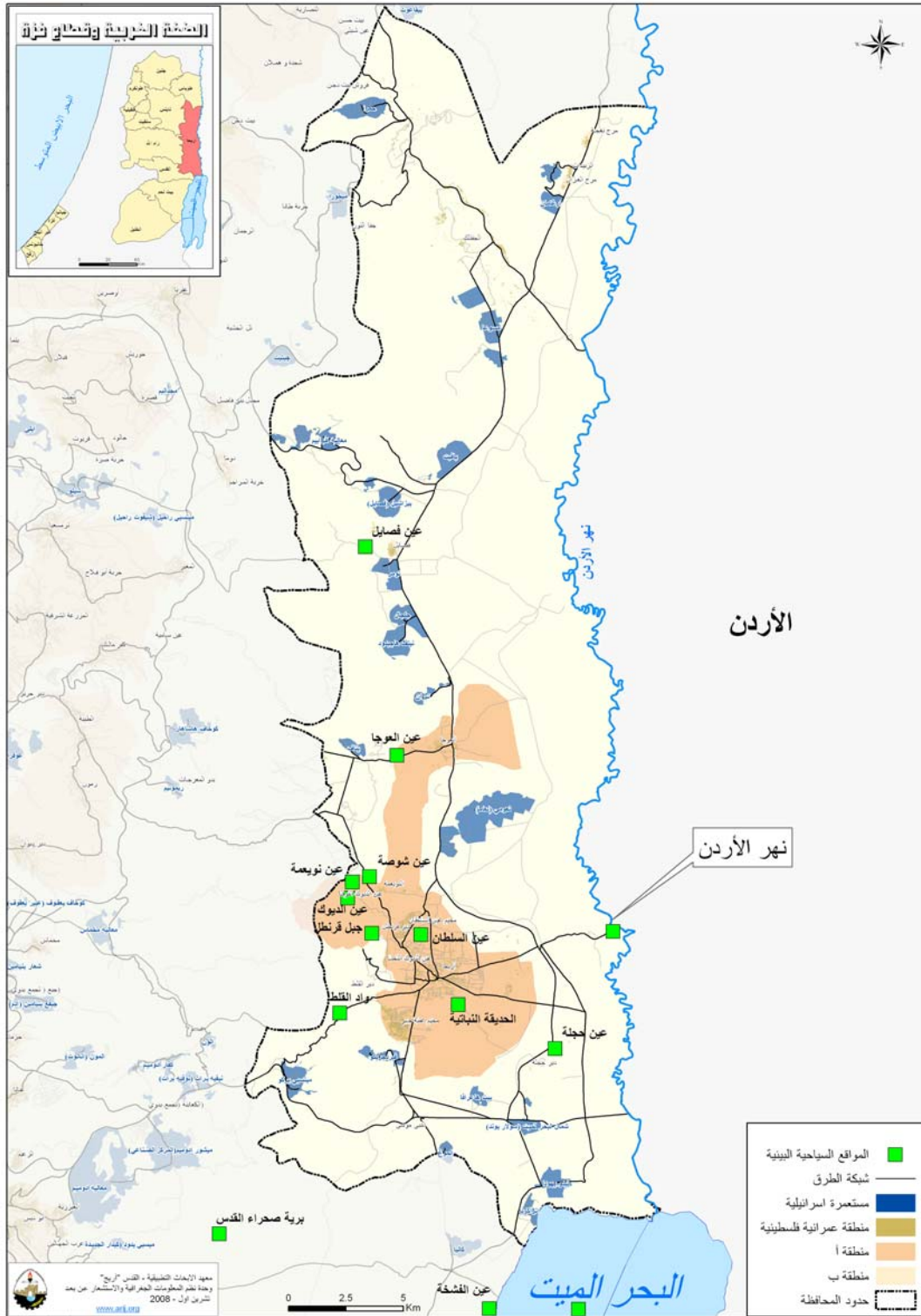
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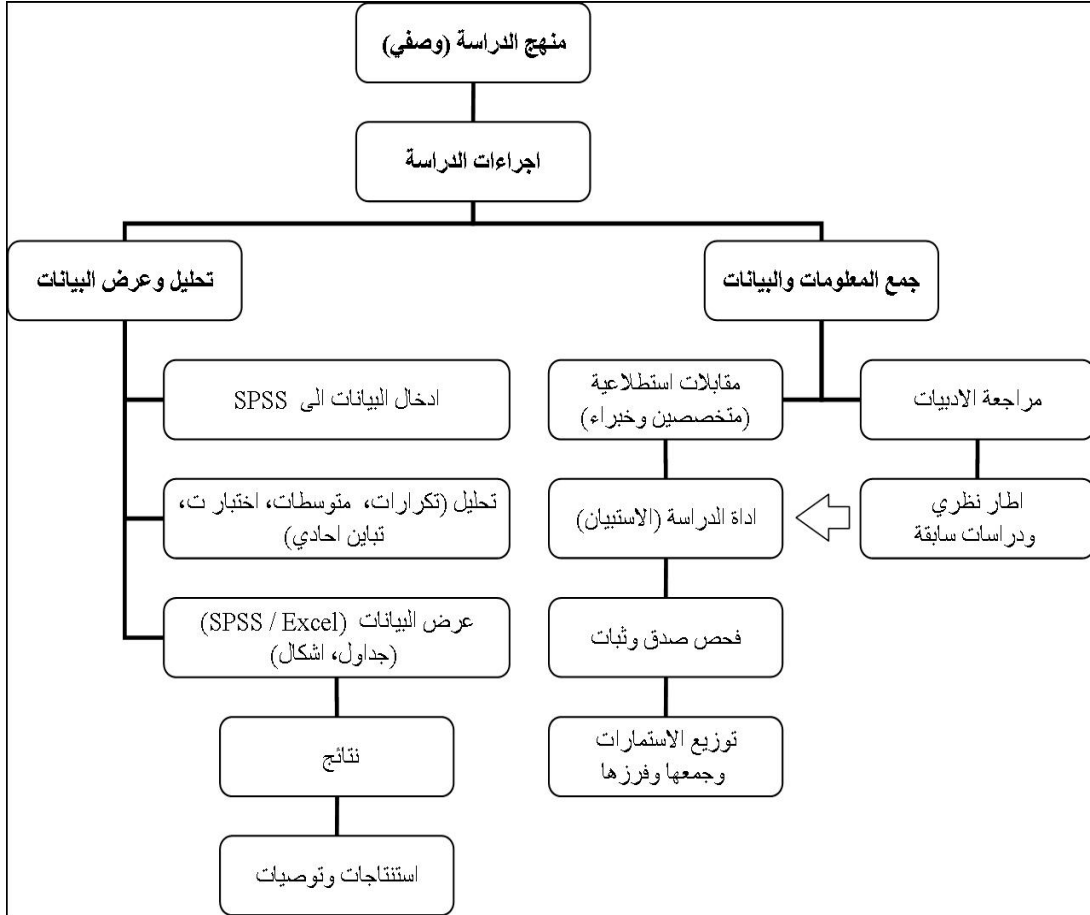
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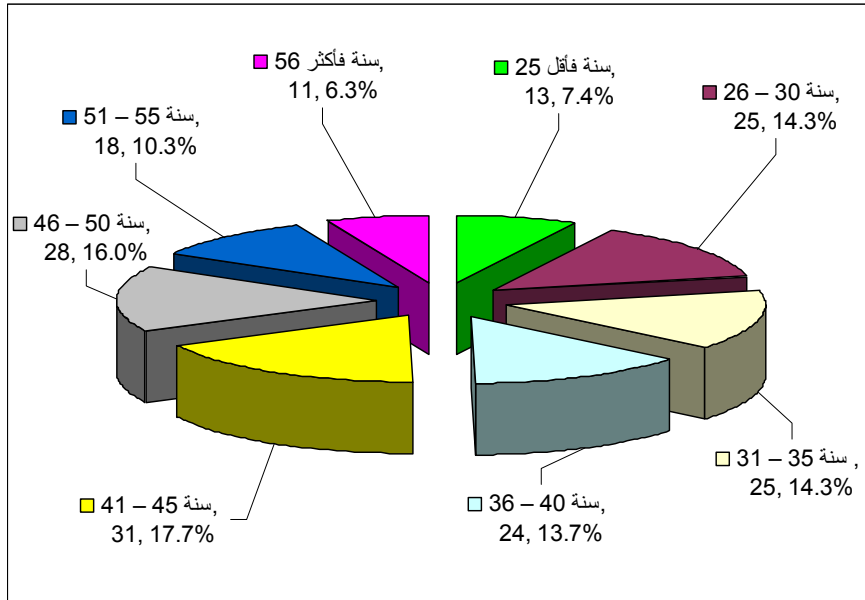
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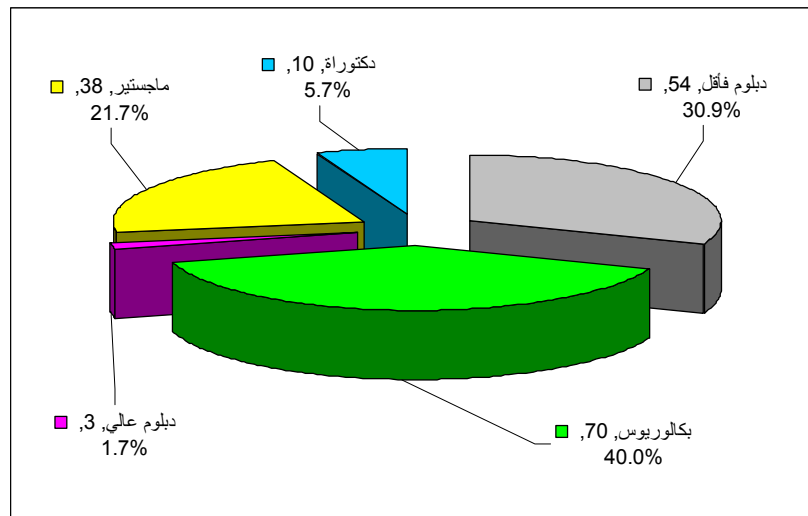
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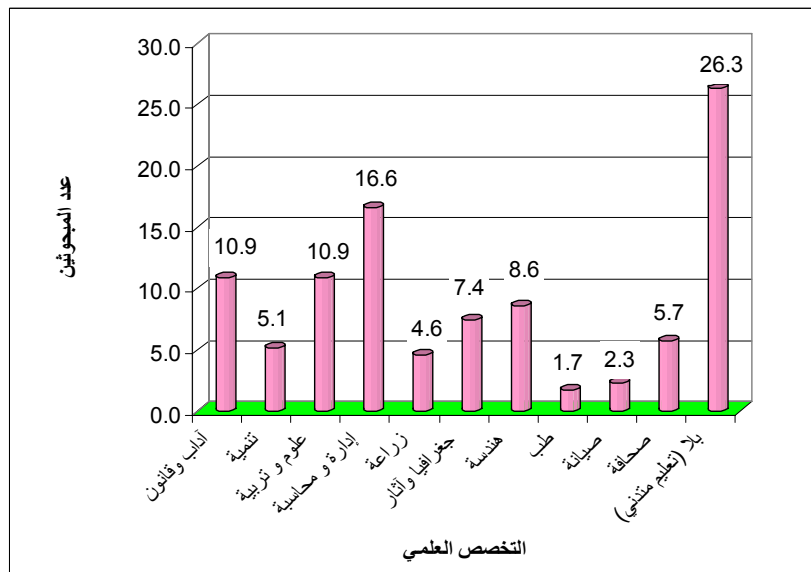
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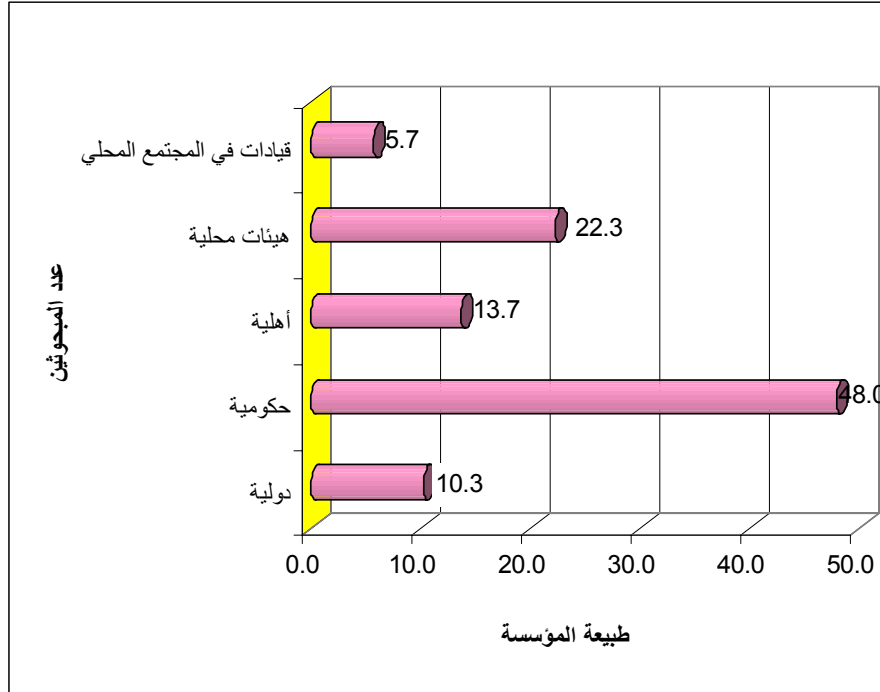
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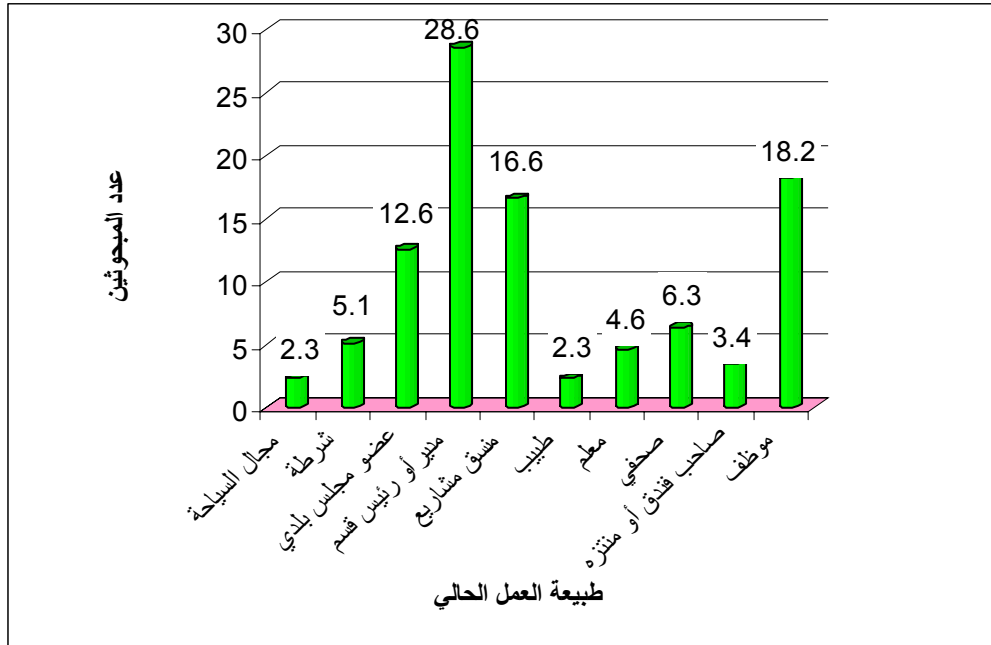
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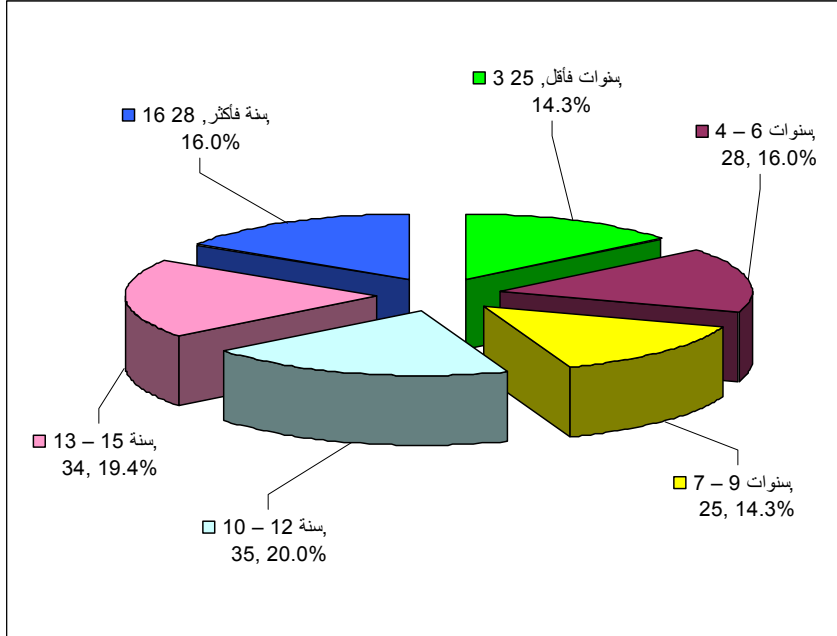
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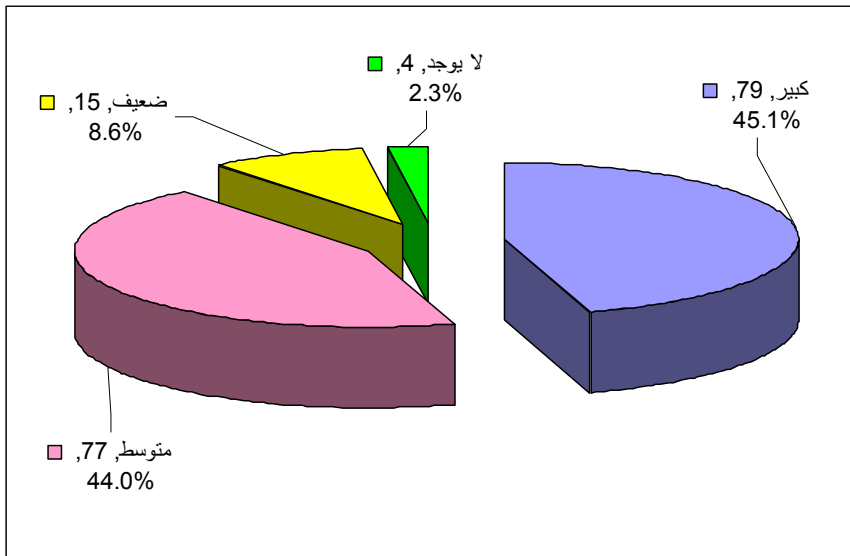
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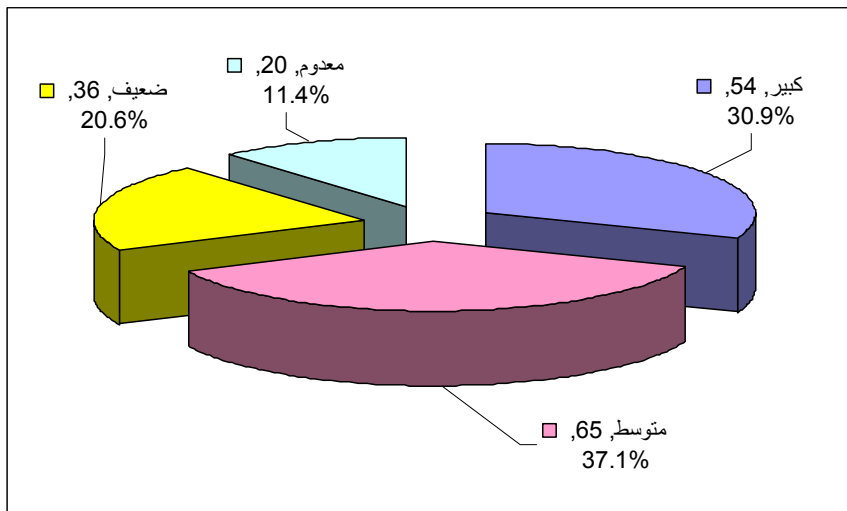
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		↑	3	3.00-2.68
			2	2.67-2.34
			1	2.33-2.01
				2.00
		↓	1	1.99-1.68
			2	1.67-1.34
	3		1.33-1.00	
		↑	3	3.00-2.68
			2	2.67-2.34
			1	2.33-2.01
				2.00
		↓	1	1.99-1.68
			2	1.67-1.34
	3		1.33-1.00	

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		↑	3	3.00-2.68
			2	2.67-2.34
			1	2.33-2.01
		2.00		
		↓	1	1.99-1.68
			2	1.67-1.34
			3	1.33-1.00
		↑	3	3.00-2.68
			2	2.67-2.34
			1	2.33-2.01
		2.00		
		↓	1	1.99-1.68
			2	1.67-1.34
			3	1.33-1.00

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		↑	3	3.00-2.68
			2	2.67-2.34
			1	2.33-2.01
				2.00
		↓	1	1.99-1.68
			2	1.67-1.34
			3	1.33-1.00

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.1.1.5

.2.5

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0.567	2.74	11	24	140		-1
0.619	2.67	14	30	131		-2
0.651	2.52	15	54	106		-3
0.668	2.50	17	53	105		-4
0.724	2.38	25	59	91		-5
0.732	2.13	37	79	59		-6
0.732	2.13	37	79	59		-7
0.749	2.05	45	77	53		-8
0.830	2.00	60	55	60		-9
0.759	1.90	60	73	42		-10
0.734	1.89	58	79	38		-11
0.736	1.82	66	75	34		-12
0.743	1.71	81	64	30		-13
0.714	1.67	83	67	25		-14
0.450	2.15					

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(2.74 - 1.67)

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(2.38) (2.50) (2.52) (2.67)

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(%)		
46.3	81	
8.0	14	
9.1	16	
13.7	24	
12.6	22	
10.3	18	
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% 9.1

.2.1.5

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0.541	2.70	7	39	129		-1
0.585	2.61	9	50	116		-2
0.627	2.59	13	46	116		-3
0.605	2.51	10	66	99		-4
0.595	2.48	9	73	93		-5
0.614	2.47	11	70	94		-6
0.666	2.45	17	63	95		-7
0.657	2.44	16	66	93		-8
0.638	2.43	14	72	89		-9
0.696	2.41	21	61	93		-10
0.633	2.39	14	78	83		-11
0.693	2.39	21	65	89		-12

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0.624	2.39	13	80	82		-13
0.596	2.26	14	101	60		-14
0.714	2.19	31	80	64		-15
0.391	2.45					

(2.45)

(2.70 - 2.19)

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.5.5

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0.393	2.85	2	23	150		-1
0.486	2.79	6	25	144		-2
0.466	2.78	4	30	141	.(...)	-3
0.505	2.78	7	25	143		-4
0.504	2.71	4	43	128		-5
0.526	2.71	6	39	130	.()	-6
0.370	2.77					

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(2.85 - 2.71)

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(2.85)

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.(2.79)

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.4.1.5

.6.5

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0.579	2.64	9	45	121	.	-1
0.559	2.64	7	49	119	.()	-2
0.555	2.53	5	72	98)/ .(-3
0.708	2.34	24	68	83		-4
0.746	2.27	31	65	79	.	-5
0.427	2.48					

(2.48)

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0.642	2.50	14	60	101		-1
0.585	2.47	8	76	91		-2

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0.658	2.46	16	63	96		-3
0.602	2.43	10	79	86)/ (-4
0.646	2.42	15	71	89	(/ /)	-5
0.681	2.42	19	63	93		-6
0.654	2.41	16	71	88		-7
0.656	2.33	18	81	76	) (...../	-8
0.699	2.30	24	74	77		-9
0.704	2.29	25	74	76		-10
0.696	2.22	27	82	66	(...)	-11
0.751	2.10	41	75	59		-12
0.446	2.36					

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0.420	2.86	5	14	156		-1
0.559	2.78	12	15	148		-2
0.496	2.77	6	28	141		-3
0.685	2.53	19	45	111		-4
0.660	2.50	16	55	104		-5
0.692	2.38	21	66	88		-6
0.732	2.34	27	62	86	(/)	-7
0.681	2.33	21	75	79	(/)	-8

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0.667	2.31	20	81	74	.	-9
0.651	2.29	19	87	69	.()	-10
0.701	2.14	32	86	57	.	-11
0.409	2.48					

(2.48)

(2.86 - 2.14)

(2.86)

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.7.1.5

.9.5

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0.699	2.43	21	57	97		-1
0.705	2.42	22	58	95		-2
0.720	2.41	24	56	95		-3
0.741	2.39	27	53	95		-4
0.718	2.39	24	58	93		-5
0.726	2.35	26	62	87		-6
0.779	2.29	35	55	85	/) .(-7
0.765	2.29	33	59	83		-8
0.731	2.25	30	71	74		-9
0.613	2.36					

(2.36)

(2.43 - 2.25)

(2.43)

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.(2.42)

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.8.1.5

.(10.5)

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0.537	2.71	7	37	131		-1
0.547	2.71	8	35	132		-2
0.566	2.69	9	37	129		-3
0.576	2.69	10	35	130		-4
0.547	2.68	7	42	126		-5
0.596	2.65	11	39	125		-6
0.627	2.64	14	35	126		-7
0.598	2.64	11	41	123		-8
0.622	2.62	13	41	121		-9
0.642	2.61	15	39	121) (-10
0.674	2.57	18	40	117) (...)	-11
0.483	2.65					

(2.65)

(2.71 - 2.57)

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: **.9.1.5**

.(11.5)

(11.5) (2.60)

(2.67 - 2.51)

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0.610	2.67	13	32	130		-1
0.616	2.65	13	36	126		-2
0.593	2.62	10	46	119		-3
0.643	2.60	15	40	120		-4
0.664	2.58	17	40	118	()	-5
0.650	2.54	15	50	110		-6
0.615	2.51	11	63	101	(... / /)	-7
0.496	2.60					

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(2.74 - 2.48)

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0.502	2.74	5	36	134		-1
0.590	2.63	10	44	121		-2
0.595	2.61	10	48	117		-3
0.566	2.61	7	55	113		-4
0.588	2.59	9	53	113	/	-5
0.583	2.56	8	61	106		-6
0.594	2.55	9	61	105		-7
0.624	2.50	12	64	99		-8
0.651	2.50	15	58	102		-9
0.651	2.50	15	58	102		-10
0.642	2.49	14	62	99		-11
0.642	2.48	14	63	98		-12
0.431	2.56					

(2.74)

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	.(2.63)		•
.(2.61)			•
	.(2.59)	/	•
	.(2.56)		•
	.(2.55)		•
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	.(2.50)		
	.(2.49)		•

(2.48)

.11.1.5

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.13.5

(13.5)

(2.41)

.(2.50 - 2.33)

:13.5

0.642	2.50	14	59	102		-1
0.615	2.49	11	68	96		-2
0.633	2.48	13	65	97		-3
0.672	2.42	18	66	91		-4
0.664	2.42	17	67	91		-5
0.635	2.41	14	76	85		-6
0.695	2.40	21	63	91		-7
0.658	2.35	21	72	82		-8
0.676	2.34	20	75	80		-9
0.746	2.33	29	59	87		-10
0.520	2.41					

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	.(2.49)	•
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		.(2.42)
	.(2.41)	•
.(2.40)		•
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(2.33)

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.(14.5)

:14.5

0.609	2.58	11	51	113		-1
0.668	2.49	17	55	103		-2
0.700	2.45	21	55	99		-3
0.714	2.33	25	67	83		-4
0.675	2.31	21	79	75		-5
0.742	2.24	32	69	74		-6
0.562	2.40					

(2.40)

(2.58 - 2.24)

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(2.24)

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.13.1.5

.15.5

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(2.59)

(2.62 - 2.53)

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0.584	2.62	9	49	117	(...)	-1
0.563	2.62	7	52	116) .(-2
0.636	2.59	14	44	117		-3
0.600	2.58	10	54	111	.	-4
0.633	2.53	13	57	105	.	-5
0.503	2.59					

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(2.62)

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(2.53)

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.16.5

(16.5)

(2.49)

(2.58 - 2.33)

:16.5

0.560	2.58	6	61	108		-1
0.621	2.57	12	52	111		-2
0.601	2.57	10	55	110		-3
0.584	2.55	8	63	104		-4
0.604	2.54	10	60	105		-5
0.585	2.53	8	67	100		-6
0.624	2.50	12	64	99		-7
0.633	2.49	13	63	99		-8
0.657	2.44	16	66	93		-9
0.655	2.42	16	69	90		-10
0.680	2.42	19	64	92		-11
0.685	2.39	20	67	88)	-12
					.(...	
0.688	2.33	22	74	79		-13
0.475	2.49					

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	F		F		F		F		T	
0.018	3.053	0.461	0.982	0.509	0.828	0.702	0.664	0.008	2.664	
0.068	2.232	0.263	1.250	0.960	0.155	0.067	1.932	0.722	0.356-	
0.023	2.923	0.968	0.342	0.070	2.209	0.033	2.249	0.776	0.285-	
0.491	0.857	0.849	0.554	0.242	1.382	0.654	0.721	0.790	0.276-	
0.048	2.448	0.227	1.313	0.019	3.039	0.927	0.354	0.456	0.748-	
0.728	0.510	0.524	0.911	0.556	0.756	0.890	0.418	0.676	0.418-	
0.301	1.228	0.663	0.764	0.295	1.243	0.884	0.427	0.209	1.262	
0.075	2.161	0.425	1.024	0.035	2.655	0.102	1.746	0.183	1.337	
0.022	2.936	0.178	1.413	0.055	2.360	0.043	2.132	0.346	0.946	
0.184	1.572	0.403	1.052	0.586	0.710	0.106	1.724	0.057	1.916	
0.030	2.741	0.199	1.369	0.588	0.708	0.224	1.362	0.180	1.347	
0.046	2.471	0.010	2.425	0.766	0.459	0.852	0.474	0.898	0.128-	
0.298	1.236	0.183	1.403	0.379	1.057	0.529	0.873	0.155	1.427	
0.125	1.832	0.081	1.716	0.377	1.062	0.402	1.044	0.303	1.033	
0.030	2.744	0.183	1.402	0.891	0.279	0.466	0.955	0.193	1.307	

	F		F		F		T	
0.882	0.220	0.151	1.789	0.488	0.892	0.002	3.085	
0.209	1.527	0.081	2.279	0.677	0.630	0.869	0.506	
0.707	0.466	0.639	0.565	0.405	1.024	0.665	0.748	
0.727	0.437	0.543	0.717	0.405	1.025	0.608	0.809	
0.376	1.041	0.052	2.629	0.213	1.438	0.029	2.132	
0.953	0.111	0.075	2.342	0.145	1.668	0.736	0.670	
0.561	0.688	0.287	1.267	0.067	2.104	0.210	1.361	
0.008	4.082	0.000	7.008	0.979	0.154	0.333	1.147	
0.025	3.198	0.000	6.883	0.660	0.653	0.736	0.669	
0.470	0.847	0.011	3.818	0.895	0.328	0.047	1.962	
0.023	3.252	0.001	5.681	0.726	0.566	0.048	1.951	
0.021	3.317	0.000	7.768	0.816	0.446	0.001	3.301	
0.182	1.639	0.000	6.496	0.711	0.585	0.424	1.023	
0.002	5.345	0.000	9.357	0.153	1.635	0.125	1.580	
0.190	1.606	0.000	8.377	0.468	0.923	0.084	1.741	

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2.69 2.69 2.71 2.71

2.61 2.57

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2.61 2.61 2.63 2.74

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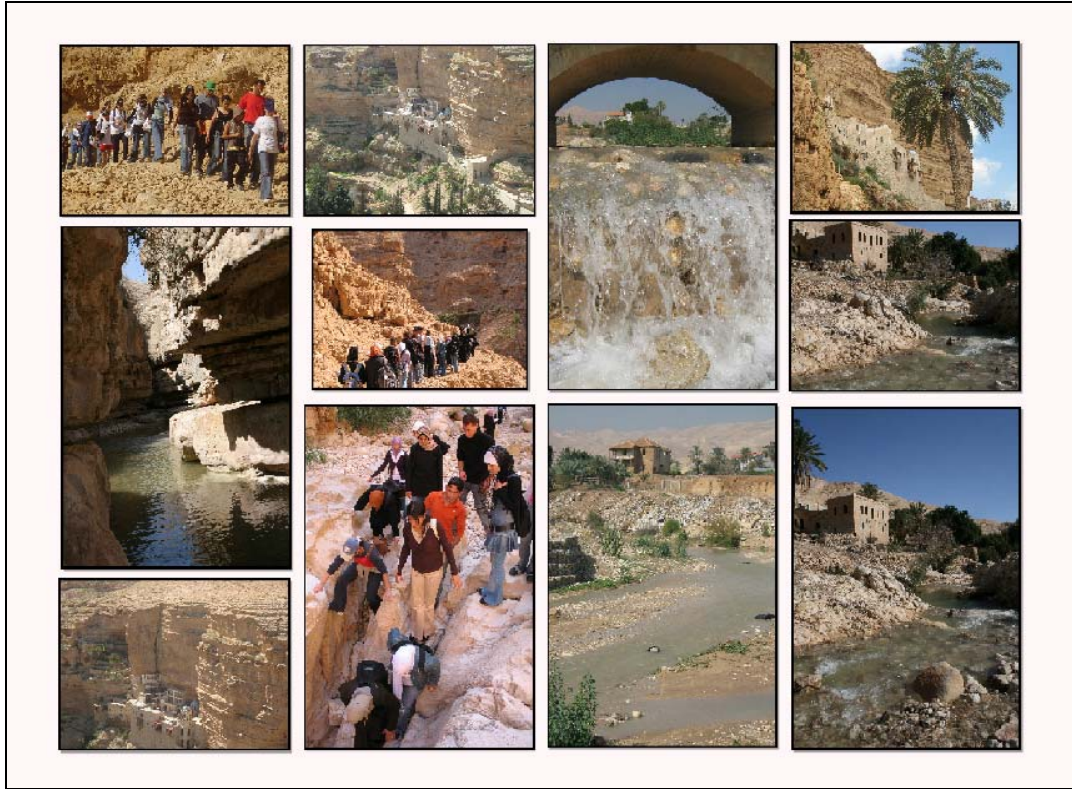
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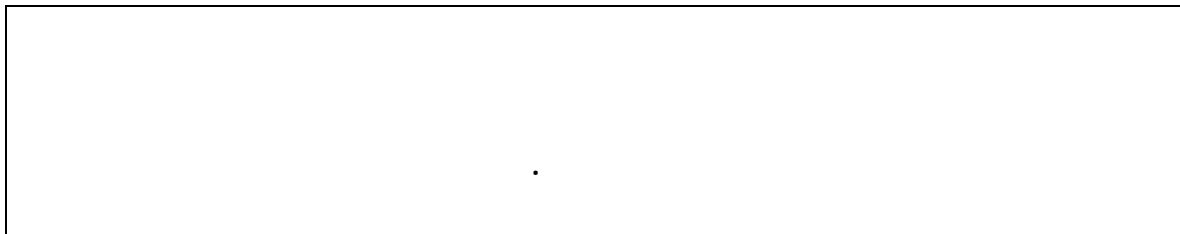
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35-31 (3	30-26 (2	25 (1	<input type="checkbox"/>		A2
50-46 (6	45-41 (5	40-36 (4			
	56 (8	55-51 (7			
(3	(2	(1	<input type="checkbox"/>		A3
	(5	(4			
.....				:	A4
(4	(3	(2	(1	<input type="checkbox"/>	A5
..... : /	(6	(5			
.....				:	A6
9-7 (3	6-4 (2	3 (1	<input type="checkbox"/>		A7
16 (6	15-13 (5	12 -10 (4			
(4	(3	(2	(1	<input type="checkbox"/>	A8
(4	(3	(2	(1	<input type="checkbox"/>	A9

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				B18				B9
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				(...)	C1
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) .(...	C10
					C11
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				.(...)	C13
					C14
					C15
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				.(...)	C17
					C18
					C19
				.()	C20

				C21
				-
				C22
			.()/	C23
			.()	C24
				C25
				C26
				-
				C27
			(/ /)	C28
				C29
			.(...../)	C30
			()/	C31
				C32
				C33
				C34
				C35
				C36
				C37
			(...)	C38
				-
				-
				D1
				D2
				D3
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			.()	D6
				7D

			.(/)	8D
			.(/)	9D
			.	10D
			.	1D1
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			.	D12
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			.	D15
			.	D16
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			.	D19
			.	D20
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			.	E1
			.	E2
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) (...	E4
			.	E5
			()	E6
			.	E7
			.	E8
			.	E9
			.	E10
			.	E11
-				
			()	E12
			.	E13

				E14
				E15
			(... / /)	E16
				E17
				E18
				-
				-
				F1
				F2
				F3
				F4
			/	F5
				F6
				F7
				F8
				F9
				F10
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				F12
				F13
				F14
				F15
				F16
				F17
				8F1
				F19
				F20
				F21
				F22
				-
				F23
				F24

				F25
			.()/	F26
				F27
				F28
-				
				F29
				F30
				F31
			(...)	F32
			.()	F33
-				
				F34
				F35
				F36
				F37
				F38
				F39
				F40
				F41
				F42
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				F45
			.(...)	F46

" "

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		.	-6
		.	-7
		.	-8
		.	-9
		.	-10
		.	-11
		.	-12

123	1.2
124	1.3
124	2.3
125	3.3
125	4.3
1265.3
1265.3
127	6.3
127	7.3
128	8.3
128	9.3
129	.....	10.3
129	.....	11.3
130	.....	.12.3
130	.....	.12.3
131	.....	13.3
131	.....	14.3
132	.....	15.3
133	.....	1.4
140	.....	2.4
141	.....	3.4
142	.....	4.4

36	.....	.1.3
38		- 2.3
	
39		-2.3
	
58	.....	-1.4
59	.....	-1.4
60	.....	.2.4
62	.....	.3.4
62	.....	-4.4
63	.....	-4.4
64	.....	-4.4
73	.....	-1.5
74	.....	-1.5
75	.....	-1.5
76		2.5
	
78		3.5
	
79		- 4.5
	
80		- 4.5
	

82		5.5
84	.....	6.5
85	.....	- 7.5
86	.....	- 7.5
88	.....	- 8.5
89	.....	- 8.5
91	.....	9.5
93	.....	10.5
96	.....	11.5
98	.....	12.5
100	.....	13.5
102	.....	14.5

104	.....	15.5
106	.....	16.5
108	.....	-17.5
109	.	-17.5

91.2
162.2
341.3
392.3
493.3
581.4
652.4
663.4
664.4
67		.5.4
	
686.4
69		.7.4
	
698.4
709.4

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1 :

1	1.1
2	2.1
2	3.1
3	4.1
3	5.1
4	6.1
5	7.1
6	8.1

8 :

8	1.2
8	2.2
81.2.2
102.2.2

113.2.2
114.2.2
125.2.2
126.2.2
137.2.2
138.2.2
149.2.2
1410.2.2
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1512.2.2
1613.2.2
1714.2.2
1715.2.2
1816.2.2
1817.2.2
1918.2.2
201.18.2.2
202.18.2.2
203.18.2.2
21	.....	.4.18.2.2
21	.....	.5.18.2.2
21	.....	.6.18.2.2
22	.....	.7.18.2.2
22	.....	.19.2.2
24	.....	.3.2
31	.....	.4.2
33	.....	:
33	.....	.1.3

34	.....	.2.3
35	.....	.3.3
36	.....	.4.3
37	.....	.5.3
38	.....	.6.3
40	.....	.7.3
40	.....	.8.3
41	.....	.9.3
42	.....	.10.3
44	.....	.11.3
45	.....	.12.3
45	.....	.13.3
46	.....	.14.3
46	.....	.15.3
48	.....	.16.3
48	.....	.17.3
52	.....	.18.3
53	.....	.19.3
54	.....	.20.3
54	.....	.1.20.3
55	.....	.2.20.3
57 :	
57	.....	1.4
57	.....	2.4
59	.....( )	3.4
59	.....	4.4
60	.....	5.4

60	.....	6.4
61	.....	7.4
61	.....	8.4
61	.....	9.4
64	.....	10.4
70	.....	11.4
72 :	
72	.....	1.5
76	.....	1.1.5
79	.....	2.1.5
82	.....	3.1.5
83	.....	.4.1.5
85	.....	.5.1.5
88	.....	.6.1.5
90	.....	.7.1.5
92	.....	.8.1.5
95	.....	.9.1.5
97	.....	.10.1.5
99	.....	.11.1.5
101	.....	.12.1.5

103	.....	.13.1.5
105	.....	.14.1.5
107	.....	2.5
110	.....	3.5
114 :	
114	.....	1.6
116	.....	2.6
118	.....
143	.....
144	.....
147	.....
148	.....