

An analytical study of basic skills influencing the results of Egypt sitting volleyball team in Rio de Janeiro 2016 paralympic games

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Introduction and research problem:–

Yet the achievements of the Egyptians at the Olympics (Rio de Janeiro), Brazil, in 2016 that achieved at third situation and winning the bronze medal proved to the world that the sport is not limited to abilities and competence normal, but only here they are investigating the achievements and sports victories, raising the Egyptian flag high, To determine the amount of progress and the outcome is required to measure and evaluate basic skills through the stages of training, Enabling trainers to obtain sufficient information about their teams and teams compete so useful to them in the leadership team in sports competitions and tournaments they are waging.

So it researcher sees that by using the method of analysis can access the most accurate performance skills Details of the players of the

national team sitting volleyball and teams competing in the games in question, leading to the identification of the strengths and try to improve them and to identify the weaknesses and work to remedy them.

Research objectives:

- 1- identify the basic skills performance ratio of the Egyptian players sitting volleyball team for Total matches under discussion.
- 2- Identify at the level of the relative importance of the basic skills of the players, the Egyptian sitting volleyball team.
- 3- compare the results of games to win and defeat the basic skills of the Egyptian sitting volleyball team.

Research questions:

- 1- What are the performance percentage of basic skills in Egyptian sitting volleyball team for Total matches under investigation?

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2- What is the level of the relative importance of the basic skills for the Egyptian sitting volleyball team?

3- What are the differences in the basic skills of individual results to win matches and the defeat of the Egyptian sitting volleyball team?

Research procedures:

First, the research methodology:

The **researcher** used the descriptive method due to the its suitability of the nature of this study.

Second: The research sample:

The research sample was selected deliberate way, It is all the matches of the Egyptian national team winning the bronze medal in Rio de Janeiro 2016 paralympic games and the number it (5) matches.

Thirdly:tools and means of data collection:-

The **researcher** used through the application of research procedures scanning method for specialized scientific references and sources was used the following methods and tools to collect research data.

1- Personal interview:

The **researcher** designed experts questionnaires saw, in the field of volleyball and the number (3) experts **Attachment (1)**

:2- Data registration forms

. - Data registration form to the skill of the serve, serve reception

. - Data registration form to the skill of the set, attack hit

. - Data registration form to skill of the blocking, defense

Fourthly: reconnaissance study:

The study was carried on two games it (USA × Germany) (China × USA) in order to identify:

. - Adequate data registration form to search skills

. - The validity of the tools and equipment used

Fifth: Basic study:

The **researcher** conducting the study on the number (5) matches are All matches for Egyptian national sitting volleyball team in Rio de Janeiro 2016 paralympic games, the **researcher** using repetitive marks in the process of analyzing the matches for the Egyptian team in these matches.

Presentation and discussion of the results: -

Table (1)
Repetition and percentages relative importance of the set skill for
Total Competition teams in the matches under discussion

n	Set Type Possibilities		Front set	Over head	Back set	Under hand	total	
1	Wrong set	Egypt	repeat	11	6	15	2	34
			%	3.64	7.69	8.82	2.22	5.31
		Competition teams	repeat	15	3	9	2	29
			%	6.76	4.55	6.43	2.22	5.89
2	Creates free ball competitor	Egypt	repeat	38	21	9	26	94
			%	12.58	26.92	5.29	28.89	14.69
		Competition teams	repeat	29	12	7	23	71
			%	13.06	18.18	5	35.94	14.43
3	The set of 1-2m attacker can dispose of it	Egypt	repeat	169	34	104	55	362
			%	55.96	43.59	61.18	61.11	56.56
		Competition teams	repeat	137	38	97	31	304
			%	61.71	57.58	62.29	48.44	61.79
4	set allows scoring points by attack	Egypt	repeat	84	17	42	7	150
			%	27.82	21.80	24.71	7.78	23.44
		Competition teams	repeat	41	13	27	8	88
			%	18.47	19.70	19.29	12.5	17.89
	Total Repetitions And the percentage	Egypt	repeat	302	78	170	90	640
			%	47.19	12.19	26.56	14.06	100%
		Competition teams	repeat	222	66	140	64	492
			%	45.12	13.42	28.46	13.01	100%
	The relative weight	Egypt		628	140	170	157	1268
		Competition teams		426	137	140	109	943
	The relative importance	Egypt		69.32	59.83	67.26	58.15	66.04
		Competition teams		63.96	69.19	67.14	56.77	63.89

Shown in Table repeat percentages relative importance where ranged between (47.19) for the Front set, (12.19) for the overhead

set of the Egyptian team as for The teams competition ranged between (45.12) for the Front set, (13.01) for the Under hand set.

The relative weight = total (k × estimation).

K represents the number of repetition.

The relative importance = relative weight ÷ (total k × highest esteem).

Table (2)

Repetition and percentages relative importance of the serve skill for Total Competition teams in the matches under discussion

n	Serve zone Possibilities		Right zone	Center zone	Left zone	total	
	1	Wrong serve	Egypt	repeat	9	14	13
%				6.34	14.29	8.61	9.21
		Competition teams	repeat	18	7	11	36
			%	15.65	14	15.28	15.19
2	provides 3 attackers competitor	Egypt	repeat	44	21	41	106
			%	30.99	21.43	27.15	27.11
		Competition teams	repeat	33	13	8	54
			%	28.70	26	11.11	22.79
3	provides double attackers	Egypt	repeat	42	15	25	82
			%	29.58	15.31	16.56	20.97
		Competition teams	repeat	26	13	27	66
			%	22.61	26	37.5	27.85
4	provides single attacker	Egypt	repeat	17	20	32	69
			%	11.97	20.41	21.19	17.65
		Competition teams	repeat	13	7	9	29
			%	11.30	14	12.5	12.24
5	Creates free ball	Egypt	repeat	22	12	14	48
			%	15.49	12.25	9.27	12.28
		Competition teams	repeat	16	6	11	33
			%	13.91	12	15.28	13.92
6	Serve a scoring point directly	Egypt	repeat	8	16	26	50
			%	5.63	16.33	17.22	12.79
		Competition teams	repeat	9	4	6	19
			%	7.83	8	8.33	8.02

Follow Table (2)
Repetition and percentages relative importance of the serve skill
for Total Competition teams in the matches under discussion

n	Serve zone		Right zone	Center zone	Left zone	total
	Possibilities					
Total Repetitions And the percentage	Egypt	repeat	142	98	151	391
		%	36.32	25.06	38.62	100%
	Competition teams	repeat	115	50	72	237
		%	48.52	21.10	30.38	100%
The relative weight	Egypt		307	239	373	919
	Competition teams		233	104	163	500
The relative importance	Egypt		43.24	81.29	49.40	47.01
	Competition teams		40.52	69.33	45.28	42.19

Shown in Table repeat percentages relative importance where ranged from (38.62) to serve from the left zone (25.06) to serve from the center zone of the Egyptian team while teams competition ranged between (48.52) to serve from the right zone, (21:10) to serve from Center zone.

Table (3)
Repetition and percentages relative importance of the serve
reception skill for Total Competition teams in the matches under
discussion

n	receiving Type		two players	Three players	four players	Five players	total	
	Possibilities							
1	Wrong receiving	Egypt	repeat	1	7	-	-	8
			%	11.11	4.93	-	-	5.30
		Competition teams	repeat	2	37	3	-	42
			%	15.39	12.72	33.33	-	13.21
2	Creates free ball	Egypt	repeat	4	22	-	-	26
			%	44.44	15.49	-	-	17.22
		Competition teams	repeat	2	33	4	-	39
			%	15.39	11.34	44.44	-	12.26
3	provides single attacker	Egypt	repeat	1	22	-	-	23
			%	11.11	15.49	-	-	15.23
		Competition teams	repeat	2	58	1	-	61
			%	15.39	19.93	11.11	-	19.18

Follow Table (3)
Repetition and percentages relative importance of the serve reception skill for Total Competition teams in the matches under discussion

n	receiving Type Possibilities			two	Three	four	Five	total
				players	players	players	players	
4	provides double attackers	Egypt	repeat	2	57	-	-	59
			%	22.22	40.14	-	-	39.07
		Competition teams	repeat	4	69	1	-	74
			%	30.77	23.71	11.11	-	23.27
5	provides three attackers	Egypt	repeat	1	34	-	-	35
			%	11.11	23.94	-	-	23.18
		Competition teams	repeat	3	94	4	1	102
			%	23.08	32.30	44.44	100	32.08
Total Repetitions And the percentage		Egypt	repeat	9	142	-	-	151
			%	5.96	94.04	-	-	100%
		Competition teams	repeat	13	291	9	1	318
			%	4.09	91.51	2.83	0.32	100%
The relative weight	Egypt			16	373	-	-	389
	Competition teams			30	732	25	4	791
The relative importance	Egypt			44.44	65.67	-	-	64.40
	Competition teams			57.69	62.89	48.08	100	62.19

Shown in Table repeat percentages relative importance where ranged from (94.04) for the receiving of three players, (5.96) for the receiving of two players for the

Egyptian team while teams competition ranged between (91.51) for the receiving of three players, (.32) for receiving five players.

Table (4)
Repetition and percentages relative importance of the attack hit skill for Total Competition teams in the matches under discussion

n	Attack zone Possibilities			From	From	From	From	From	From	Serve hit	total
				position 1	position 2	position 3	position 4	position 5	position 6		
1	Wrong attack	Egypt	repeat	-	17	38	32	-	-	3	81
			%	-	9.77	20.54	14.84	-	-	10.71	14.95
		Competition teams	repeat	-	38	22	46	-	-	2	108
			%	-	28.79	21.78	30.67	-	-	8.33	26.54
2	provides 3 attackers	Egypt	repeat	-	57	21	33	-	-	2	113
			%	-	32.76	11.35	21.29	-	-	7.14	20.85
		Competition teams	repeat	-	26	20	31	-	-	1	78
			%	-	19.70	19.80	20.67	-	-	4.17	19.17

Follow Table (4)
Repetition and percentages relative importance of the attack hit skill for Total Competition teams in the matches under discussion

n	Attack zone Possibilities		From position	From position	From position	From position	From position	From position	Serve hit	total	
			1	2	3	4	5	6			
3	provides double attackers	Egypt	repeat	-	9	22	18	-	-	1	50
			%	-	5.17	11.89	11.61	-	-	3.57	9.23
		Competition teams	repeat	-	11	17	19	-	-	5	52
			%	-	8.33	16.83	12.67	-	-	20.83	12.78
4	provides single attacker	Egypt	repeat	-	23	11	9	-	-	5	48
			%	-	13.22	5.95	5.81	-	-	17.86	8.86
		Competition teams	repeat	-	7	11	9	-	-	4	31
			%	-	5.30	10.89	6	-	-	16.67	7.62
5	Creates free ball competitor	Egypt	repeat	-	27	32	2	-	-	6	85
			%	-	15.52	17.30	1.29	-	-	21.43	15.68
		Competition teams	repeat	-	19	13	8	-	-	7	47
			%	-	14.39	12.87	5.33	-	-	29.17	11.55
6	a scoring point directly	Egypt	repeat	-	41	61	52	-	-	11	165
			%	-	23.56	32.97	33.55	-	-	39.29	30.44
		Competition teams	repeat	-	31	18	37	-	-	5	91
			%	-	23.49	17.8	24.67	-	-	20.83	22.36
Total Repetitions And the percentage	Egypt	repeat	-	174	185	155	-	-	28	542	
		%	-	32.10	34.13	28.60	-	-	5.17	100	
	Competition teams	repeat	-	132	101	150	-	-	24	407	
		%	-	32.43	24.82	36.86	-	-	5.90	100	
The relative weight	Egypt	-	457	531	364	-	-	98	1522		
	Competition teams	-	300	229	313	-	-	76	918		
The relative importance	Egypt	-	52.53	57.41	46.97	-	-	70	56.16		
	Competition teams	-	45.46	45.35	41.33	-	-	63.33	45.11		

Shown in Table repeat percentages relative importance where ranged from (34.13) to attack from position 3, (5.17) to Serve hit of the Egyptian team while teams competition ranged between (36.86) to attack from position 4, (5.90) to Serve hit.

Table (5)
Repetition and percentages relative importance of the defense skill
for Total Competition teams in the matches under discussion

n	defense zone Possibilities		From	From	From	From	From	From	total	
			position 1	position 2	position 3	position 4	position 5	position 6		
1	Wrong defense	Egypt	repeat	42	18	21	16	39	51	187
			%	25.46	29.03	32.31	25.40	22.94	30.36	24.93
	Competition teams	repeat	93	15	27	18	42	67	262	
		%	39.91	31.25	38.03	28.13	23.73	32.06	32.67	
2	Creates free ball competitor	Egypt	repeat	26	7	10	8	1	4	113
			%	15.76	11.29	15.39	12.07	0.59	2.38	15.07
	Competition teams	repeat	39	9	14	11	27	23	123	
		%	16.74	18.75	19.72	17.19	15.25	11.01	15.34	
3	Provides single attacker	Egypt	repeat	33	15	11	9	48	31	147
			%	20	24.19	16.92	14.29	28.24	18.45	19.60
	Competition teams	repeat	46	15	13	16	40	31	161	
		%	19.74	31.25	18.31	25	22.60	14.83	20.08	
4	provides double attackers	Egypt	repeat	49	16	18	21	58	62	224
			%	29.70	25.81	27.69	33.33	34.12	36.91	29.87
	Competition teams	repeat	43	6	8	12	46	69	184	
		%	18.46	12.5	11.27	18.75	25.99	33.01	22.94	
5	provides 3 attackers	Egypt	repeat	15	6	5	9	24	20	79
			%	9.09	9.68	7.69	14.29	14.12	11.91	10.53
	Competition teams	repeat	12	3	9	7	22	19	72	
		%	5.15	6.25	12.68	10.94	12.43	9.09	8.98	
Total Repetitions And the percentage	Egypt	repeat	165	62	65	63	170	168	750	
		%	22	8.27	8.67	8.40	22.67	22.40	100	
	Competition teams	repeat	233	48	71	64	177	209	802	
		%	29.05	5.99	8.85	7.98	22.07	26.06	100	
The relative weight	Egypt	299	109	106	125	367	332	1395		
	Competition teams	308	69	100	49.60	333	368	1285		
The relative importance	Egypt	45.30	43.95	40.77	107	53.97	49.41	46.50		
	Competition teams	33.05	25	35.21	41.80	47.03	44.02	25		

Shown in Table repeat percentages relative importance where ranged from (22.67) for the defense of position 5, (8.27) for the defense of position 2 of the Egyptian team while competition teams ranged between (29.05) for the defense of position 1, (5.99) for the defense of position 2.

Table (6)
Repetition and percentages relative importance of the block skill for Total Competition teams in the matches under discussion

n	block Type Possibilities		single block position 2	single block position 3	single block position 4	Double block position 2	Double block position 3	Double block position 4	3 person position 2	3 person position 3	3 person position 4	Serve block	total	
1	Wrong block	Egypt	repeat	6	11	5	33	17	21	7	15	2	7	124
			%	24	42.31	20	47.14	24.29	38.18	46.67	42.86	12.5	15.91	32.55
	Competition teams	repeat	19	12	16	61	23	18	9	11	8	12	189	
		%	65.52	34.29	64	58.10	25	37.50	26.47	18.64	34.78	32.43	38.31	
2	block bounce him ball and can set for attacker	Egypt	repeat	6	5	8	13	18	8	3	8	4	15	88
			%	24	19.23	32	18.57	25.71	14.55	20	22.86	25	34.09	23.10
	Competition teams	repeat	3	10	4	12	34	9	13	27	4	6	122	
		%	10.35	28.57	16	11.43	36.96	18.75	38.24	45.76	17.39	16.23	25.05	
3	block creates a free ball	Egypt	repeat	2	2	7	8	11	15	2	6	7	62	
			%	8	7.69	28	11.43	15.71	27.27	13.33	5.71	37.5	15.91	16.27
	Competition teams	repeat	1	4	1	21	18	12	5	8	6	8	84	
		%	3.45	11.43	4	20	19.57	25	14.71	13.56	26.09	21.62	17.25	
4	block scoring points directly	Egypt	repeat	11	8	5	16	24	11	3	10	4	15	107
			%	44	30.77	20	22.86	34.29	20	20	28.57	25	34.09	28.08
	Competition teams	repeat	6	9	4	11	17	9	7	13	5	11	92	
		%	20.69	25.71	16	10.48	18.48	18.75	20.59	22.03	21.74	29.73	18.89	
Total Repetitions And the percentage	Egypt	repeat	25	26	25	70	70	55	15	35	16	44	381	
		%	6.56	6.82	6.56	18.37	18.37	14.44	3.94	9.19	4.20	11.55	100	
	Competition teams	repeat	29	35	25	105	92	48	34	59	23	37	487	
		%	5.96	7.19	5.13	21.56	18.89	9.86	6.98	12.12	4.72	7.60	100	
The relative weight	Egypt	43	33	37	77	112	71	16	42	28	74	533		
	Competition teams	23	45	18	87	121	60	44	82	31	55	633		
The relative importance	Egypt	57.33	42.31	49.33	36.67	53.33	43.03	35.56	40	58.33	56.06	46.63		
	Competition teams	26.44	42.86	24	27.62	43.84	41.67	43.14	46.33	44.93	49.55	43.33		

Shown in Table repeat percentages relative importance where ranged from (18.37) to doubles block of position 2,3, (4.20) for the 3 person block of position 4 for

the Egyptian team while for the competition teams ranged between (21.56) for the doubles block of position 2 (4.72) for the 3 person block of position 4.

Table (7)
Repetition and percentages relative importance of the set skill for the team (Egypt - Bosnia) in a match defeat under discussion

n	Set Type Possibilities		Front set	Over head	Back set	Under hand	total
1	Wrong set	Egypt	repeat	1	-	1	2
			%	1.82	-	6.67	2.50
	Bosnia	repeat	1	-	-	1	
		%	1.28	-	-	0.87	
2	Creates free ball competitor	Egypt	repeat	3	-	2	5
			%	5.46	-	28.57	6.25
	Bosnia	repeat	3	3	-	2	8
		%	3.85	60	-	33.33	6.96

Follow Table (7)
Repetition and percentages relative importance of the set skill for the team (Egypt - Bosnia) in a match defeat under discussion

n	Set Type Possibilities		Front set	Over head	Back set	Under hand	total	
3	The set of 1-2m attacker can dispose of it	Egypt	repeat	45	2	14	5	66
			%	81.82	66.67	93.33	71.43	82.50
		Bosnia	repeat	65	2	22	4	93
			%	83.33	40	84.62	66.67	80.87
4	set allows scoring points by attack	Egypt	repeat	6	1	-	-	7
			%	10.91	33.33	-	-	8.75
		Bosnia	repeat	9	-	4	-	13
			%	11.54	-	15.39	-	11.30
	Total Repetitions And the percentage	Egypt	repeat	55	3	15	7	80
			%	68.75	3.75	18.75	8.75	100
		Bosnia	repeat	78	5	26	6	115
			%	67.83	4.35	22.71	5.22	100
	The relative weight	Egypt	111	7	28	12	158	
		Bosnia	160	7	56	10	233	
	The relative importance	Egypt	67.27	77.78	62.22	57.14	65.83	
		Bosnia	68.38	46.67	71.80	55.56	67.54	

Shown in Table repeat percentages relative importance where ranged between (68.75) for the Front set, (3.75) for the overhead set of the Egyptian team as for The Bosnia team ranged between (67.83) for the Front set, (4.35) for the overhead set

Table (8)
Repetition and percentages relative importance of the serve skill for the team (Egypt - Bosnia) in a match defeat under discussion

n	Serve zone Possibilities		Right zone	Center zone	Left zone	total	
1	Wrong serve	Egypt	repeat	-	2	1	3
			%	-	22.22	3.70	4.92
		Bosnia	repeat	7	-	1	8
			%	12.73	-	20	10.96
2	provides 3 attackers competitor	Egypt	repeat	13	4	12	29
			%	52	44.44	44.44	47.54
		Bosnia	repeat	20	10	2	32
			%	36.36	76.92	40	43.84

Table (8)
Repetition and percentages relative importance of the serve skill for the team (Egypt - Bosnia) in a match defeat under discussion

n	Serve zone Possibilities		Right zone	Center zone	Left zone	total	
3	provides double attackers	Egypt	repeat	8	1	3	12
			%	32	11.11	11.11	19.67
		Bosnia	repeat	3	2	-	5
			%	5.46	15.39	-	6.85
4	provides single attacker	Egypt	repeat	1	1	4	6
			%	4	11.11	14.82	9.84
		Bosnia	repeat	9	1	1	11
			%	16.36	7.69	20	15.07
5	Creates free ball	Egypt	repeat	2	-	4	6
			%	8	-	14.82	9.84
		Bosnia	repeat	9	-	-	9
			%	16.36	-	-	12.33
6	Serve a scoring point directly	Egypt	repeat	1	1	3	5
			%	4	11.11	11.11	8.20
		Bosnia	repeat	7	-	1	8
			%	12.73	-	20	10.96
	Total Repetitions And the percentage	Egypt	repeat	25	9	27	61
			%	40.98	14.75	44.26	100
		Bosnia	repeat	55	13	5	73
			%	75.34	17.81	6.85	100
	The relative weight	Egypt	45	14	61	120	
		Bosnia	124	17	10	151	
	The relative importance	Egypt	36	31.11	45.19	39.34	
		Bosnia	45.09	26.15	40	41.37	

Shown in Table repeat percentages relative importance where ranged from (44.26) to serve from the left zone (14.75) to serve from the center zone of the Egyptian

team while The Bosnia team ranged between (75.34) to serve from the right zone, (6.85) to serve from the left zone.

Table (9)
Repetition and percentages relative importance of the serve reception skill for the team (Egypt - Bosnia) in a match defeat under discussion

n	receiving Type Possibilities		two players	Three players	four players	Five players	total	
1	Wrong receiving	Egypt	repeat	-	6	-	-	6
			%	-	13.64	-	-	13.04
		Bosnia	repeat	-	1	-	-	1
			%	-	1.61	-	-	1.61
2	Creates free ball	Egypt	repeat	-	12	-	-	12
			%	-	27.27	-	-	26.09
		Bosnia	repeat	-	3	-	-	3
			%	-	4.84	-	-	4.84
3	provides single attacker	Egypt	repeat	-	4	-	-	4
			%	-	9.09	-	-	8.70
		Bosnia	repeat	-	3	-	-	3
			%	-	4.84	-	-	4.84
4	provides double attackers	Egypt	repeat	-	14	-	-	14
			%	-	31.82	-	-	30.44
		Bosnia	repeat	-	26	-	-	26
			%	-	41.94	-	-	41.94
5	provides three attackers	Egypt	repeat	2	8	-	-	10
			%	100	18.18	-	-	21.74
		Bosnia	repeat	-	29	-	-	29
			%	-	46.77	-	-	46.77
Total Repetitions And the percentage		Egypt	repeat	2	44	-	-	46
			%	4.35	95.65	-	-	100
		Bosnia	repeat	-	62	-	-	62
			%	-	100	-	-	100
The relative weight		Egypt	4	44	-	-	102	
		Bosnia	-	203	-	-	203	
The relative importance		Egypt	100	53.41	-	-	55.44	
		Bosnia	-	81.86	-	-	81.86	

Shown in Table repeat percentages relative importance where ranged from (95.65) for the receiving of three players, (4.35) for the

receiving of two players for the Egyptian team while The Bosnia team Reached (100) for the receiving of three players.

Table (10)
Repetition and percentages relative importance of the attack hit skill for the team (Egypt - Bosnia) in a match defeat under discussion

n	Serve zone Possibilities		From position 1	From position 2	From position 3	From position 4	From position 5	From position 6	Serve hit	total	
1	Wrong attack	Egypt	repeat	-	1	9	3	-	-	-	13
			%	-	2.94	25.71	10.71	-	-	-	13.40
		Bosnia	repeat	-	6	4	5	-	-	-	15
			%	-	16.67	15.39	18.52	-	-	-	16.85
2	provides 3 attackers	Egypt	repeat	-	12	3	9	-	-	-	24
			%	-	35.29	8.57	32.14	-	-	-	24.74
		Bosnia	repeat	-	5	2	7	-	-	-	14
			%	-	13.89	7.69	25.93	-	-	-	15.73
3	provides double attackers	Egypt	repeat	-	1	4	3	-	-	-	8
			%	-	2.94	11.43	10.71	-	-	-	8.25
		Bosnia	repeat	-	2	3	4	-	-	-	9
			%	-	5.56	11.43	14.82	-	-	-	10.11
4	provides single attacker	Egypt	repeat	-	8	5	3	-	-	-	16
			%	-	23.53	14.29	10.71	-	-	-	16.50
		Bosnia	repeat	-	2	5	3	-	-	-	10
			%	-	5.56	19.23	11.11	-	-	-	11.24
5	Creates free ball to competitor	Egypt	repeat	-	8	9	5	-	-	-	22
			%	-	23.53	25.71	17.86	-	-	-	22.68
		Bosnia	repeat	-	15	9	2	-	-	-	26
			%	-	41.67	34.62	7.41	-	-	-	29.21
6	a scoring point directly	Egypt	repeat	-	4	5	5	-	-	-	14
			%	-	11.77	14.29	17.86	-	-	-	14.43
		Bosnia	repeat	-	6	3	6	-	-	-	15
			%	-	16.67	11.54	22.22	-	-	-	16.85
Total Repetitions And the percentage		Egypt	repeat	-	34	35	28	-	-	-	97
			%	-	35.05	36.08	28.87	-	-	-	100
		Bosnia	repeat	-	36	26	27	-	-	-	89
			%	-	40.45	29.21	30.34	-	-	-	100
The relative weight	Egypt	-	90	87	69	-	-	-	246		
	Bosnia	-	105	74	62	-	-	-	241		
The relative importance	Egypt	-	52.94	49.71	49.29	-	-	-	50.72		
	Bosnia	-	58.33	56.92	45.93	-	-	-	54.16		

Shown in Table repeat percentages relative importance where ranged from (36.08) to attack from position 3, (28.87) to attack from

position 4 of the Egyptian team while The Bosnia team ranged between (40.45) to attack from position 2, (29.21) to attack from position 3.

Table (11)
Repetition and percentages relative importance of the defense skill
for the team (Egypt - Bosnia) in a match defeat under discussion

n	defense zone Possibilities		From	From	From	From	From	From	total	
			position 1	position 2	position 3	position 4	position 5	position 6		
1	Wrong defense	Egypt	repeat	1	-	-	-	2	-	4
			%	14.29	-	-	-	13.33	-	5.80
		Bosnia	repeat	-	-	-	1	-	1	2
			%	-	-	-	12.5	-	9.09	2.63
2	Creates free ball to competitor	Egypt	repeat	3	-	1	2	5	2	13
			%	21.43	-	16.67	40	33.33	8	18.84
		Bosnia	repeat	3	3	4	-	7	2	19
			%	25	75	20	-	33.33	18.18	25.00
3	provides single attacker	Egypt	repeat	1	4	5	-	-	3	13
			%	14.29	100	83.33	-	-	12	18.84
		Bosnia	repeat	3	1	7	3	8	-	22
			%	25	25	35	37.5	38.1	-	28.95
4	provides double attackers	Egypt	repeat	4	-	-	-	3	4	11
			%	28.57	-	-	-	20	16	15.94
		Bosnia	repeat	3	-	3	3	3	4	16
			%	25	-	15	37.5	14.29	36.36	21.05
5	provides 3 attackers	Egypt	repeat	4	-	-	3	5	16	28
			%	28.57	-	-	60	33.33	64	40.58
		Bosnia	repeat	3	-	6	1	3	4	17
			%	25	-	30	12.5	14.29	36.36	22.37
Total Repetitions And the percentage		Egypt	repeat	14	4	6	5	15	25	69
			%	20.29	5.80	8.70	7.25	21.74	36.23	100
		Bosnia	repeat	12	4	20	8	21	11	76
			%	15.79	5.26	26.32	10.53	27.63	14.47	100
The relative weight	Egypt	33	8	11	14	34	84	184		
	Bosnia	30	6	51	19	44	30	179		
The relative importance	Egypt	58.93	50	45.83	70	56.67	84	66.67		
	Bosnia	62.5	37.5	63.75	59.38	52.38	68.18	58.88		

Shown in Table repeat percentages relative importance where ranged from (36.23) for the defense of position 6, (5.80) for the defense of position 2 of the Egyptian team while The

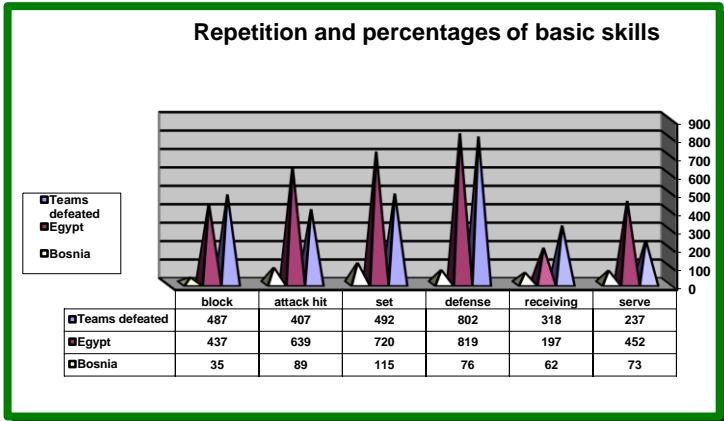
Bosnia team ranged between (27.63) for the defense of position 5, (5.26) for the defense of position 2.

Table (12)
Repetition and percentages relative importance of the block skill
for the team (Egypt - Bosnia) in a match defeat under discussion

n	block Type Possibilities		single	single	single	Double	Double	Double	3	3	3	Serve block	total	
			From position 2	From position 3	From position 4	From position 2	From position 3	From position 4	person position 2	person position 3	person position 4			
1	Wrong block	Egypt	repeat	-	2	-	8	8	3	-	5	-	2	28
			%	-	75	-	61.54	57.14	25	-	83.33	-	40	50.00
		Bosnia	repeat	1	2	-	4	3	-	-	3	-	-	13
			%	100	50	-	36.36	50	-	-	100	-	-	37.14
2	block bounce him ball and can set for attacker	Egypt	repeat	2	-	-	1	4	8	1	1	-	1	18
			%	100	-	-	7.69	28.57	66.67	100	16.67	-	20	23.14
		Bosnia	repeat	-	-	3	-	-	4	-	-	-	1	8
			%	-	-	100	-	-	80	-	-	-	50	22.86
3	block creates a free ball	Egypt	repeat	-	1	-	2	2	1	-	-	-	-	6
			%	-	25	-	15.39	14.29	8.33	-	-	-	-	10.71
		Bosnia	repeat	-	2	-	2	1	-	-	-	-	1	8
			%	-	50	-	18.18	33.33	20	-	-	-	50	22.86
4	block scoring points directly	Egypt	repeat	-	-	-	2	-	-	-	-	-	2	4
			%	-	-	-	15.39	-	-	-	-	-	40	7.14
		Bosnia	repeat	-	-	-	5	1	-	-	-	-	-	6
			%	-	-	-	45.46	16.67	-	-	-	-	-	17.14
Total Repetitions And the percentage		Egypt	repeat	2	3	-	13	14	12	1	6	-	5	56
			%	3.57	5.36	-	23.21	25	21.43	1.79	10.71	-	8.93	100
		Bosnia	repeat	1	4	3	11	6	5	-	3	-	2	35
			%	2.86	11.43	8.57	31.43	17.14	14.29	-	8.57	-	5.71	100
The relative weight	Egypt	2	2	-	11	8	10	1	1	-	4	42		
	Bosnia	1	4	3	19	7	6	-	0	-	3	42		
The relative importance	Egypt	33.33	22.22	-	28.21	19.05	27.78	33.33	5.56	-	26.67	25		
	Bosnia	33.33	33.33	33.33	57.58	38.89	40	-	0	-	50	40		

Table (13)
Repetition and percentages of basic skills under discussion

n	Skills	Teams defeated		Egyptian team		Team Bosnia		Total matches	
		repeat	%	repeat	%	repeat	%	repeat	%
1	serve	237	8.64	452	13.85	73	16.22	762	11.80
2	receiving	318	11.59	197	6.04	62	13.78	577	8.94
3	defense	802	29.24	819	25.09	76	16.89	1697	26.28
4	set	492	17.94	720	22.06	115	25.56	1327	20.55
5	attack hit	407	14.84	639	19.58	89	19.78	1135	17.58
6	block	487	17.75	437	13.39	35	7.78	959	14.85
	Total	2743	100	3264	100	450	100	6457	100



Form (1)

Repetition and percentages of basic skills

Second, discuss the results: -

Researcher discusses the findings from the reality of the data and statistical processors User in that reference previous studies framework and will attribute the researcher discuss the results of only the skill to prepare and not to the aspects of physical and tactical and psychological because it is not within the variables discussed as follows:

Discuss the results of the first question:

Shown in Table (1)The percentage has become of the largest number of repetitions for the set skill for the Egyptian team to set from 1-2m attacker can attack which 56.56% and The lowest percentage of the wrong set skill 5.31% ,while for the

competition teams which 61.79% and the percentage of the wrong set skill 5.89%.

It is clear from Table (2) the percentages for the serve skill of the Egyptian team, we have the percentage of the serve that offers three attackers 27.11%, and the lowest percentage of the wrong serve 9.21%, while for the competition teams of the serve that provides double attackers 27.85%, and the percentage of serve scoring point directly 8.02%.

Seen from the table (3) repetitions and percentages for the serve reception skill of the Egyptian team, for the receiving provides double attackers 39.07%, and the lowest percentage of Wrong

receiving 5.30%, while for the competition teams which the receiving provides three attackers 32.08%, and the receiving creates free ball 12.26%.

It is seen from the table (5) the defense skill for the Egyptian team, the percentage amounted to the largest number of repetitions to defend provides double attackers 29.87%, and the lowest percentage of defense provides three attackers 10.53%, while for the competition teams the percentages amounted to a larger number repetitions of the wrong defense 32.67%, and the lowest percentage of defense provides three attackers 8.98%. Clear from the above that wrong block for the Egyptian team representing 32.55% As for the competition teams represents 38.81% which shows that the number of repetitions for the wrong block for the Egyptian team is much less than the number of repetitions of the competition teams, which was then in the result of matches.

- Discuss the results of the second question:

It is a table (1) it is clear that the relative importance of the back set skill is the most

effective for the Egyptian team and has reached (61.18) and for the competition teams was (62.29).

Seen from the table (2) that more serve zones have impact for Egyptian team the left zone was reached (38.62), But the most impact serve zones for competing teams are right zone in the matches under discussion and comes the central zone in the latter standings.

It is a table (3) it is clear that the reception of three players is more serve types impact for the Egyptian team and has reached (94.04) and for the competition teams was (91.51) in the matches under investigation.

It is clear from Table (4) the relative importance of attack hit of the front centers to be highly effective in affecting the result of the matches more than back centers, and observes that the serve hit skill for Egyptian team of little relative importance of (5.17) and for the competition teams was (5.90) the researcher return to the players serve performance of high and away from the front-row players so as not to block or serve hit allowable rules.

The table (5) it is clear that the defense skill from the position (6) are the most effective have the Egyptian team has reached (22.40) As for total competing teams, it is the center of (1) and has reached (29.05).

- Discuss the results of the third question:-

It is clear that the set skill intermediate skill between the defensive and offensive skills and depends it largely form successful attacking hit therefore comes in first standings between the skills to win matches in the second standings matches defeat.

while the serve reception skill its come in second standings and characterized large relative importance of all the basic skills in the win matches and defeat matche.

As for The attack hit skill came in third standings between the basic skills of the win matches about the defeat matches And most influential on results Egyptian team.

It is observes that block in the fifth standings and the difficulty of movement from sitting for players who the block to try intercept the ball coming from competitors, The defense skill comes in the sixth standings and last in defeat

matches and return that to the impact strength attack hits and weakness block to intercept the attack hits for competitor and the difficulty of movement for the defense well.

First - conclusions: -

Through the nature of this study and the sample and the methodology used and the results of the statistical analysis in the scope of this research the researcher suggested the following conclusions:

1- more skills to use in the matches under investigation it the defense skill, followed the set skill followed attack hit skill followed block skill.

2- The effect of basic skills in terms of relative importance in winning matches under discussion it the set skill followed the reception skill followed the attack hit skill followed the serve skill followed the block skill and the defense skill.

Recommendations: -

the **researcher** was suggested to identify recommendations that benefit the work in the field of training for volleyball players is as follows:

1. Training on performance the serve of the right and central zone.

2. Training in the use of the types of attack from the set especially of position 4 and also position (3.2), and training to hit and block the serve and that as they have effective role in the results of matches.

References:

1- **Abdel Ati Abdel Fattah:** the effect of suggested training program for volleyball juniors on the development of some performances skills extracted from analysis of the World Cup 1995, Ph.D. thesis, unpublished, University of the Suez Canal, 1998.

2- **Mahmoud Wajih Hamdi:** The impact of the low defense skill to the results of the matches in volleyball, Master Thesis, unpublished, Faculty of Physical Education-Boys, Helwan University, 1987.

3- **Mohamed Sobhi Hassanein Hamdi Abdel Moneim:** the scientific foundations for volleyball and measurement methods, the book publishing center, Cairo, 1997.

4- **Mostafa Ahmed Sadeq:** Kinetic analysis of technical performance have volleyball players physically disabled, Ph.D. thesis, unpublished, Faculty of Physical Education, Tanta University, 1992.

5- **Osama El-Sherbini el sayd:** An analytical Study of basic skills influencing results of egypt sitting volleyball national team in Sydney 2000 Olympic games, Master Thesis, unpublished, Faculty of Physical Education, Tanta University, 2003.

6- **World organisation volleyball for disabled:** International rules for sitting volleyball, Cairo, 2012.:

7- **Zaki Mohammed Hassan:** An analytical study of the level of performance skills to some volleyball teams common in Los Angeles 1984 Olympic Games, published research, Physical Education Research Journal, Faculty of Physical Education for Boys, Zagazig University, 1987.