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2006 2008	2004 2006	2002 2004	2000 2002	-1998 2000	2008	2006	2004	2002	2000	1998		
0	0.05	0.28	0	0	10.48	10.48	10.53	10.81	10.81	10.81		100
0.14	0	0	0.01	0	9.99	10.13	10.13	10.13	10.14	10.14		/
0.01	0	0	0	0.22	9.99	10	10	10	10	10.22		
0.1	0	0	0	0.05	9.69	9.79	9.79	9.79	9.79	9.84		
0.51	0.01	0.66	0	0.04	20.81	21.32	21.33	21.99	21.99	22.03		200
0	0	0	0	0	20.41	20.41	20.41	20.41	20.41	20.41		/
0	0	0.13	0	0	20.03	20.03	20.03	20.16	20.16	20.16		
0.02	0	0	0	0	19.3	19.32	19.32	19.32	19.32	19.32		
0	0	0	0	0	47.9	47.9	47.9	47.9	47.9	47.9		400
0	0	0	0	0	44.56	44.56	44.56	44.56	44.56	44.56		/
0	0	0	0	0	44.56	44.56	44.56	44.56	44.56	44.56		
0.00	0	0	0	0.11	43.18	43.18	43.18	43.18	43.18	43.29		
0	0	0	0	0	1:48.25	1:48.25	1:48.25	1:48.25	1:48.25	1:48.25		800
00.00.40	0	0	0	00.01.28	1:42.69	1:43.09	1:43.09	1:43.09	1:43.09	1:44.37		/ /
00.00.32	0	00.01.03	0	0	1:42.79	1:43.11	1:43.11	1:44.14	1:44.14	1:44.14		
0	0	0	0	0	1:41.11	1:41.11	1:41.11	1:41.11	1:41.11	1:41.11		
00.00.39	0	0	0	0	3:45.39	3:45.00	3:45.00	3:45.00	3:45.00	3:45.00		1500
0	0	0	0	0	3:26.00	3:26.00	3:26.00	3:26.00	3:26.00	3:26.00		/ /
0	00.02.96	0	0	0	3:29.14	3:29.14	3:32.10	3:32.10	3:32.10	3:32.10		
0	0	0	0	0	3:26.00	3:26.00	3:26.00	3:26.00	3:26.00	3:26.00		
0	0	0	0	0	14:07.46	14:07.46	14:07.46	14:07.46	14:07.46	14:07.46		5000
0	0	0	0	00.12.93	12:49.28	12:49.28	12:49.28	12:49.28	12:49.28	13:52.17		/ /
0	00.21.42	0	0	0	12:51.98	12:51.98	13:13.40	13:13.40	13:13.40	13:13.40		
0	0	00.02.01	0	0	12:37.35	12:37.35	12:37.35	12:39.36	12:39.36	12:39.36		
0	0	0	0	0	29:24.35	29:24.35	29:24.35	29:24.35	29:24.35	29:24.35		10000
0	0	0	0	0	26:38.08	26:38.08	26:38.08	26:38.08	26:38.08	26:38.08		/ /
0	0	00.56.33	00.18.20	0	26:38.76	26:38.76	26:38.76	27:35.09	28:53.29	28:53.29		
0	00.02.78	00.02.44	0	0	26:17.53	26:17.53	26:20.31	26:22.75	26:22.75	26:22.75		
0	0	0	0	0	14.85	14.85	14.85	14.85	14.85	14.85		/ 110
0	0	0.27	0.07	0	13.45	13.45	13.45	13.72	13.79	13.79		/
0	0.24	0	0.37	0	12.88	12.88	13.12	13.12	13.49	13.49		
0.01	0.03	0	0	0	12.87	12.88	12.91	12.91	12.91	12.91		
0	0	0	0	0	53.62	53.62	53.62	53.62	53.62	53.62		/ 400
0	0	0	0	1.85	47.53	47.53	47.53	47.53	47.53	49.38		/
0	0	0	0	8.82	47.53	47.53	47.53	47.53	47.53	48.71		
0	0	0	0	0	46.78	46.78	46.78	46.78	46.78	46.78		
0	0	0	0	0	8:40.74	8:40.74	8:40.74	8:40.74	8:40.74	8:40.74		/ 3000
0	0	00.01.65	00.07.62	00.36.12	7:53.63	7:53.63	7:53.63	7:55.28	8:02.90	8:39.02		/ /
0	0	00.14.51	00.15.94	0	7:53.63	7:53.63	7:53.63	8:08.14	8:24.08	8:24.08		
0	0	00.01.65	00.00.44	0	7:53.63	7:53.63	7:53.63	7:55.28	7:55.72	7:55.72		

0	0	0	0	0	41.9	41.9	41.9	41.9	41.9	41.9		100*4
0	0	0	0.07	0	38.98	38.98	38.98	38.98	39.05	39.05		/
0.28	0	0	0	0.49	38.03	38.31	38.31	38.31	38.31	38.8		
0.3	0	0	0	0	37.1	37.4	37.4	37.4	37.4	37.4		
0	0	0	0	0	3:14.30	3:14.30	3:14.30	3:14.30	3:14.30	3:14.30		400*4
0	0	0	0	0	3:02.11	3:02.11	3:02.11	3:02.11	3:02.11	3:02.11		//
0	0	0	0	0	3:00.76	3:00.76	3:00.76	3:00.76	3:00.76	3:00.76		
0	0	0	0	0	2:54.29	2:54.29	2:54.29	2:54.29	2:54.29	2:54.29		
0	0	0	0	0	2:18.15	2:18.15	2:18.15	2:18.15	2:18.15	2:18.15		
00.00.12	0	0	0	00.07.23	2:05.30	2:05.42	2:05.42	2:05.42	2:05.42	2:13.05		//
0	0	0	00.00.35	00.02.23	2:06.16	2:06.16	2:06.16	2:06.16	2:06.51	2:09.14		
00.000.56	0	00.00.43	00.00.04	00.00.23	2:03.59	2:04.55	2:04.55	2:05.38	2:05.42	2:06.05		
0	0	0	0	0	1:40.53	1:40.53	1:40.53	1:40.53	1:40.53	1:40.53		20
0	0	0	0	0	1:19.02	1:19.02	1:19.02	1:19.02	1:19.02	1:19.02		//
0	00.00.22	0	0	0	1:17.41	1:17.41	1:18.03	1:18.03	1:18.03	1:18.03		
0	0	0	0	0	1:17.26	1:17.26	1:17.26	1:17.26	1:17.26	1:17.26		
						50
00.01.12	0	0	00.20.19	0	3:58.44	3:59.56	3:59.56	3:59.56	4:19.15	4:19.15		//
0	00.03.16	0	0	0	3:36.06	3:36.06	3:39.22	3:39.22	3:39.22	3:39.22		
00.01.15	0	00.01.10	00.00.47	00.00.15	3:34.14	3:35.29	3:35.29	3:36.39	3:37.26	3:37.41		

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-2006 2008	-2004 2006	-2002 2004	-2000 2002	-1998 2000	2008	2006	2004	2002	2000	1998		
0.00	0.00	0.00	0.00	0.00	2.22	2.22	2.22	2.22	2.22	2.22		
0.00	0.00	0.00	0.00	0.03	2.34	2.34	2.34	2.34	2.34	2.31		
0.00	0.00	0.00	0.00	0.00	2.39	2.39	2.39	2.39	2.39	2.39		/
0.00	0.00	0.00	0.00	0.00	2.45	2.45	2.45	2.45	2.45	2.45		
0.08	0.00	0.00	0.00	0.00	7.48	7.4	7.4	7.4	7.4	7.4		
0.00	0.14	0.00	0.00	0.18	8.48	8.48	8.34	8.34	8.34	8.16		
0.00	0.08	0.00	0.00	0.00	8.48	8.48	8.4	8.4	8.4	8.4		/
0.00	0.00	0.00	0.00	0.00	8.95	8.95	8.95	8.95	8.95	8.95		
0.00	0.00	0.00	0.00	0.34	15.87	15.87	15.87	15.87	15.87	15.53		
0.22	0.00	0.08	0.00	0.00	17.37	17.15	17.15	17.07	17.07	17.07		
0.00	0.00	0.00	0.00	0.00	17.35	17.35	17.35	17.35	17.35	17.35		/
0.00	0.00	0.00	0.00	0.00	18.29	18.29	18.29	18.29	18.29	18.29		
0.25	0.30	0.05	0.00	0.00	4.85	4.6	4.3	4.25	4.25	4.25		
0.00	0.11	0.00	0.00	0.00	5.45	5.45	5.34	5.34	5.34	5.34		
0.00	0.00	0.00	0.00	0.00	5.9	5.9	5.9	5.9	5.9	5.9		/
0.00	0.00	0.00	0.00	0.00	6.14	6.14	6.14	6.14	6.14	6.14		
0.00	0.29	0.00	0.00	0.00	16.38	16.38	16.09	16.09	16.09	16.09		
0.00	0.00	0.00	0.00	0.00	20.76	20.76	20.76	20.76	20.76	20.76		
0.01	0.00	0.00	0.00	0.06	20.61	20.6	20.6	20.6	20.6	20.54		
0.00	0.00	0.00	0.00	0.00	23.12	23.12	23.12	23.12	23.12	23.12		/
1.45	0.00	0.00	0.00	4.57	58.68	57.23	57.23	57.23	57.23	52.66		
1.75-	0.89	0.00	0.00	0.00	63.58	65.33	64.44	64.44	64.44	64.44		
1.37	2.79	0.00	0.00	0.00	69.32	67.95	65.16	65.16	65.16	65.16		/
0.00	0.00	0.00	0.00	0.00	74.08	74.08	74.08	74.08	74.08	74.08		
0.00	0.00	0.00	0.00	0.00	58.48	58.48	58.48	58.48	58.48	58.48		
0.00	0.00	0.00	0.00	1.06	80.5	80.5	80.5	80.5	80.5	79.44		
0.00	0.00	0.00	0.00	0.00	87.6	87.6	87.6	87.6	87.6	87.6		/
0.00	0.00	0.00	0.00	0.00	98.48	98.48	98.48	98.48	98.48	98.48		
7.21	0.00	0.00	0.00	0.00	41.51	34.3	34.3	34.3	34.3	34.3		
0.71	0.00	1.78	0.00	0.00	77.25	76.54	76.54	74.76	74.76	74.76		
0.00	0.00	1.39	0.11	0.00	84.86	84.86	84.86	83.47	83.36	83.36		/
0.00	0.00	0.00	0.00	0.00	86.74	86.74	86.74	86.74	86.74	86.74		
0	0	0	0	337	6586	6586	6586	6586	6586	6249		
0	58	0	31	0	8023	8023	7965	7965	7934	7934		
0	0	280	0	0	8725	8725	8725	8445	8445	8445		
0	0	0	32	103	9026	9026	9026	9026	8994	8891		

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2008 ()			2008	
0.79	0.49	0.49	10.48	100 /
0.30	0.00		9.99	
0.30			9.99	
			9.69	200 /
1.51	0.78	0.40	20.81	
1.11	0.38		20.41	
0.73			20.03	400 /
			19.3	
4.49	3.11	3.11	47.67	
1.38	0.00		44.56	800 / /
1.38			44.56	
			43.18	
00.07.14	00.05.46	00.05.56	1:48.25	1500 / /
00.01.58	00.00.10.		1:42.69	
00.01.68			1:42.79	
			1:41.11	1500 / /
00:19:39	00:16:25	00:19:39	3:45.39	
00:00:00	00:03:14		3:26:00	
00:03:14			3:29:14	
			3:26:00	

1:70:11	1:55:48	1:58:18	14:07:46		
00:11:93	00:02:70		12:49:28		5000
00.14.63			12:51:98		/ /
			12:37:35		
3:06:82	2:45:59	2:46:27	29:24:35		
00:20:55	00:00:68		26:38:08		10000
00:21:23			26:38:76		/ /
			26:17:53		
1:98	1:97	1:40	14:85		
0:58	0:57		13:45		110
0:01			12:88		/
			12:87		
6:84	6:09	6:09	53:62		
0:75	0:00		47:53		400
0:75			47:53		/
			46:78		
1:27:11	1:27:11	1:27:11	8:40:74		
0:00	0:00		7:53:63		3000
0:00			7:53:63		/ /
			7:53:63		
4:80	3:87	2:92	41:9		
1.88	0:95		38:98		100 × 4
0:93			38:03		/
			37:1		
1:00:01	00.13.54	00.12.19	3:14:30		
00.47.82	00.01.35		3:02:11		400 × 4
00:06:47			3:00:76		/ /
			2:54:29		
00:14:16	00:11.59	00:12:45	2:18:15		
00:02.17	00:00:46		2:05:30		
00:02:17			2:06:16		/ /
			2:03:59		
00:23.27	00:23.12	00.21.51	1:40:53		
00:01:36	00:01:21		1:19:02		20
00:00:15			1:17:41		/ /
			1:17:26		
			:		
00:24.30	00:22.38		3:58:44		50
00:01:52			3:36:06		/ /
			3:34:14		

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			2008		
0.23	0.17	0.12	2.22		
0.11	0.05		2.34		
0.06			2.39		/
			2.45		
1.47	1.00	1.00	7.48		
0.47	0.00		8.48		
0.47			8.48		/
			8.95		
2.42	1.48	1.50	15.87		
0.92	0.02		17.37		
0.94			17.35		/
			18.29		
1.29	1.05	0.60	4.85		
0.69	0.45		5.45		
0.24			5.9		/
			6.14		
6.74	4.23	4.38	16.38		
2.36	0.15		20.76		
2.51			20.61		/
			23.12		
15.40	10.64	4.90	58.68		
10.50	5.74		63.58		
4.76			69.32		/
			74.08		
40.00	29.12	22.02	58.48		
17.98	7.10		80.5		
10.88			87.6		/
			98.48		
45.23	43.35	35.74	41.51		
9.49	7.61		77.25		
1.88			84.86		/
			86.74		
2440	2139	1437	6586		
1003	702		8023		
301			8725		
			9026		

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2012	2010	2008					f		
10.28	10.36	10.48	0.083 -	10.945			0.013	17.96	100 /
9.96	9.99	9.99	0.022 -	10.188			0.116	3.99	
9.89	9.92	9.99	0.033 -	10.150			0.139	3.39	
9.67	9.69	9.69	0.021 -	9.84			0.048	7.94	
20.45	20.70	20.81	0.251-	22.455			0.007	26.97	200 /
-	-	20.41	-	-	-	-	-	-	
19.95	19.98	20.03	0.033 -	20.212			0.021	13.50	
19.30	19.31	19.3	0.0028 -	19.327			0.158	3.00	400 /
-	-	47.9	-	-	-	-	-	-	
-	-	44.56	-	-	-	-	-	-	
-	-	44.56	-	-	-	-	-	-	
-	-	43.29	-	-	-	-	-	-	
-	-	1:48.25	-	-	-	-	-	-	800 / /
1:42.16	1:42.40	1:42.69	24.0-	14407.66			0.069	6.09	
1:42.17	1:42.49	1:42.79	31.05-	14465.86			0.010	21.21	
-	-	1:41.11	-	-	-	-	-	-	1500 / /
3:45.32	3:45.26	3:45.39	5.57	34487.00			0.158	3.00	
-	-	3:26.00	-	-	-	-	-	-	
3:28.70	3:28.75	3:29.14	676.57 -	333481.3			0.042	8.72	
-	-	3:26.00	-	-	-	-	-	-	
-	-	14:07.46	-	-	-	-	-	-	5000 / /
12:00.29	12:14.99	12:49.28	1469.8 -	131787.3			0.158	3.00	
12:29.76	12:43.80	12:51.98	1403.8 -	134206.3			0.042	8.72	
12.07.63	12.35.03	12.37.35	2740-	142683			0.800	0.07	
-	-	29:24.35	-	-	-	-	-	-	10000 / /
-	-	26:38.08	-	-	-	-	-	-	
24:93.29	25:45.07	26:38.76	5178.7 -	290758.2			0.009	22.38	
26:14.92	26:16.18	26:17.53	126.28 -	262502.3			0.009	22.81	110 /
-	-	14.85	-	-	-	-	-	-	
13.24	13.32	13.45	0.084 -	13.907			0.011	19.67	
12.54	12.68	12.88	0.139 -	13.651			0.004	36.26	
12.86	12.87	12.87	0.0083 -	12.927			0.034	9.972	
-	-	53.62	-	-	-	-	-	-	400 /
46.65	46.91	47.53	0.264 -	48.76			0.158	3.00	
47.53	47.53	47.53	-	-			-	-	
-	-	46.78	-	-	-	-	-	-	3000 / /
-	-	84074	-	-	-	-	-	-	
7:02.24	7:18.71	7:53.63	1646.88 -	83398.93			0.034	10.10	
7:06.73	7:24.39	7:53.63	1766.02 -	84800.93			0.011	20.29	
7:52.24	7:52.76	7:53.63	52.486 -	75643.86			0.011	19.81	

-	-	41.9	-	-	-	-	-	-	100 × 4
38.92	38.94	38.98	0.016 -	39.05		0.042	8.72		/
37.85	37.96	38.03	0.110 -	38.73		0.043	8.52		
37.16	37.21	37.1	0.042 -	37.50		0.158	3.00		
-	-	3:14.3	-	-	-	-	-	-	400 × 4
-	-	3:02.11	-	-	-	-	-	-	
-	-	3:00.76	-	-	-	-	-	-	
-	-	2:54.29	-	-	-	-	-	-	42.195
-	-	2:18.15	-	-	-	-	-	-	
2:01.31	2:02.47	2:05.30	115.41 -	21054.7		0.151	3.13		
2:04.66	2:05.12	20616	45.571 -	20831.0		0.112	4.12		//
2:02.58	2:03.07	2:03.59	48.91 -	20649.7		0.002	58.52		
-	-	1:40.53	-	-	-	-	-	-	20
-	-	1:19.02	-	-	-	-	-	-	
1:17.69	1:17.74	1:18.03	5.314 -	11811.26		0.441	0.73		
-	-	1:17.26	-	-	-	-	-	-	//
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3:17.22	3:31.01	3:58.44	1378.05 -	42746.86		0.039	9.12		
3:34.92	3:35.64	3:36.06	72.229 -	34069.46		0.042	8.72		
3.32.35	3.33.22	3:34.14	66.74	33830		0.001	79.55		//

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-	-	2.22	-	-	-	-	-		
2.36	2.34	2.34	0.0042	-	2.320		0.158	3.00	
-	-	2.39	-	-	-	-	-	-	/
-	-	2.45	-	-	-	-	-	-	
7.51	7.49	7.48	0.017		7.373		0.158	3.00	
8.61	8.55	8.48	0.0577		8.15		0.011	20.02	
8.51	8.49	8.48	0.0183		8.36		0.042	8.72	/
-	-	8.95	-	-	-	-	-	-	
16.03	15.98	15.87	0.0485		15.64		0.158	3.00	
17.38	17.33	17.37	0.052		16.965		0.038	9.36	
-	-	17.35	-	-	-	-	-	-	/
-	-	18.29	-	-	-	-	-	-	
4.98	4.86	4.85	0.122		4.007		0.025	12.28	
5.48	5.46	5.45	0.0233		5.298		0.053	7.46	/
-	-	5.9	-	-	-	-	-	-	
-	-	6.14	-	-	-	-	-	-	
16.48	16.42	16.38	0.0662		15.955		0.042	8.72	
-	-	20.76	-	-	-	-	-	-	/
-	-	20.61	0.010		20.557		0.099	4.56	
-	-	23.12	-	-	-	-	-	-	
60.58	59.72	58.68	0.860		53.70		0.068	6.14	/
64.24	64.28	63.58	0.0466	-	64.608		0.766	0.10	
70.07	69.23	69.32	0.833		63.401		0.034	9.95	/
-	-	74.08	-	-	-	-	-	-	
-	-	58.48	-	-	-	-	-	-	/
81.00	80.85	80.5	0.151		79.793		0.158	3.00	
-	-	87.6	-	-	-	-	-	-	/
-	-	98.48	-	-	-	-	-	-	
42.94	41.56	41.51	1.38		31.897		0.158	3.00	
78.28	77.72	77.25	0.559		73.811		0.009	22.62	
85.85	85.47	84.86	0.383		82.789		0.017	15.55	/
-	-	86.74	-	-	-	-	-	-	
6746	6698	6586	48.143		6361.33		0.158	3.00	
8066	8045	8023	20.3434		7902.8		0.005	31.42	
8909	8837	8725	72.0		8333.0		0.021	13.50	
9097	9075	9026	22.029		8921.06		0.078	5.56	

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A Predictive Study for Development of the Jordanian, Arabian, Asian and World Track and Field Championships for Men

*Waleed A. Alrahaheh **

ABSTRACT

The purpose of the current study was to evaluate the record development in the Jordanian, Arabian, Asian, and world track and field championships for men during 1998-2008 and to predict the records expected in 2010 and 2012, respectively. The descriptive approach was used. Data were screened (using the records of Jordanian, Arabian, Asian, and world federations) during the period (1998-2008) for the Jordanian, Arabian, Asian, and world records championships. (SPSS) software used to analyze the data. Simple linear regression and percentages were used.

Results showed that there was an ability to predict the records in most of the championships involved in both the field activities and track activities. It was recommended to plan and train in a high level in order to enhance the Jordanian records in the different activities.

Keywords: Track and Field, Records.

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