



TIME ANALYSIS

FOR THE

IAAF World Championships
LONDON 2017

1,500 m Women's

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INTRODUCTION

The women's 1500 m final was held in the late evening of August 7th. The heats were held three days earlier on August 4th, with the semi-finals the following evening. In the three heats, the first six finishers qualified automatically, and the six fastest non-automatic qualifiers also progressed. There were two semi-finals; the first five in each qualified for the final automatically, along with the two fastest losers. The average speeds for each of the top eight athletes over every 100 m segment are included in this report, as well as a graph of each of these athletes' positions at each 100 m split. The split data were provided by SEIKO. The results of the final are shown below.

IAAF
World Championships

London
4-13 August 2017



RESULTS

1500 Metres Women - Final

RECORDS	RESULT	NAME	COUNTRY	AGE	VENUE	DATE
World Record WR	3:50.07	Genzebe DIBABA	ETH	24	Monaco (Stade Louis II)	17 Jul 2015
Championships Record CR	3:58.52	Tatyana TOMASHOVA	RUS	28	Paris Saint-Denis (Stade de France)	31 Aug 2003
World Leading WL	3:56.14	Sifan HASSAN	NED	24	Hengelo (Blankers-Koen Stadion)	11 Jun 2017

Area Record **AR**
 National Record **NR**
 Personal Best **PB**
 Season Best **SB**

7 August 2017 21:53 START TIME
 19° C
 73 %
TEMPERATURE HUMIDITY

PLACE	NAME	COUNTRY	DATE of BIRTH	ORDER	RESULT
1	Falth Chepngetich KIPYEGON	KEN	10 Jan 94	8	4:02.59
2	Jennifer SIMPSON	USA	23 Aug 86	11	4:02.76
3	Caster SEMENYA	RSA	7 Jan 91	5	4:02.90
4	Laura MUIR	GBR	9 May 93	7	4:02.97
5	Sifan HASSAN	NED	1 Jan 93	4	4:03.34
6	Laura WEIGHTMAN	GBR	1 Jul 91	2	4:04.11
7	Angelika CICHOCKA	POL	15 Mar 88	12	4:04.16
8	Rababe ARAFI	MAR	12 Jan 91	9	4:04.35
9	Meraf BAHTA	SWE	24 Jun 89	3	4:04.76
10	Malika AKKAOUI	MAR	25 Dec 87	6	4:05.87
11	Hanna KLEIN	GER	6 Apr 93	1	4:06.22
12	Genzebe DIBABA	ETH	8 Feb 91	10	4:06.72

Timing and Measurement by SEIKO
 AT-1500-W-f--1--.R51..v1
 Issued at 21:58 on Monday, 07 August 2017

Official Partners














Table 1. List of abbreviations used.

Q	Automatic qualifier for next round	DNF	Did not finish
q	Qualified for next round as fastest loser	PB	Personal best time
DQ	Disqualified	SB	Season's best time

Heat 1

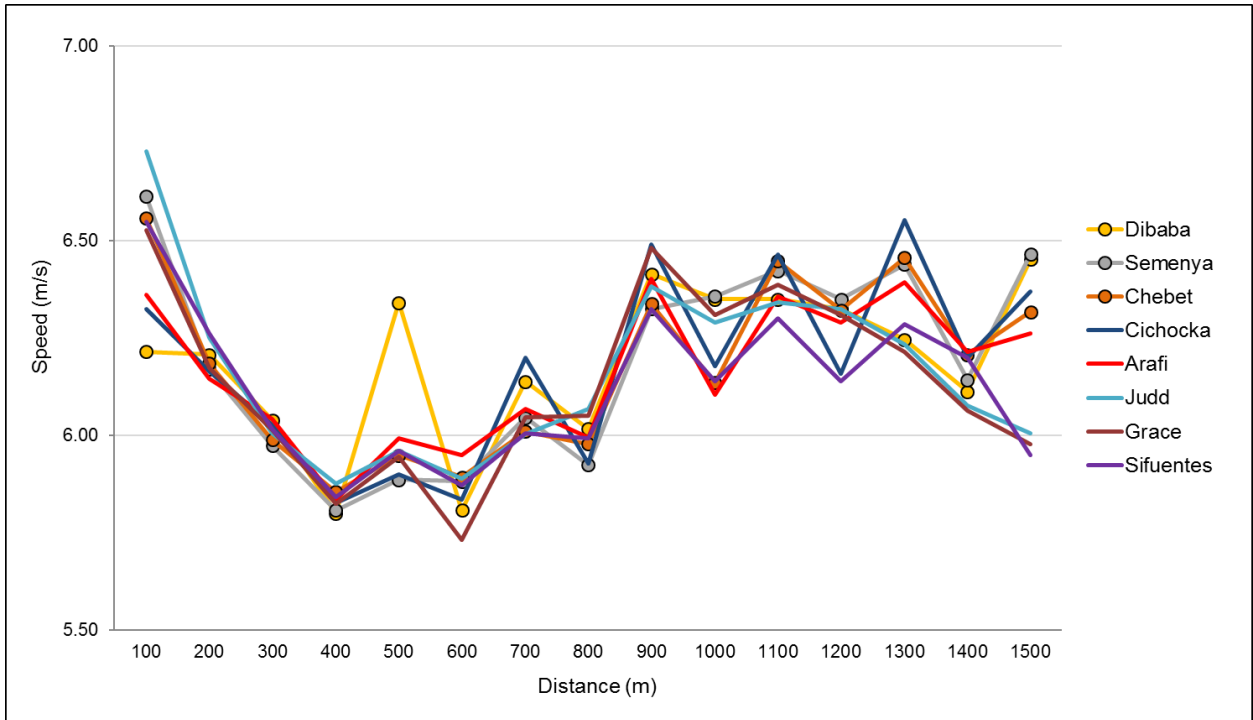


Figure 1. The mean speeds for each 100 m segment for the top eight athletes in Heat 1.

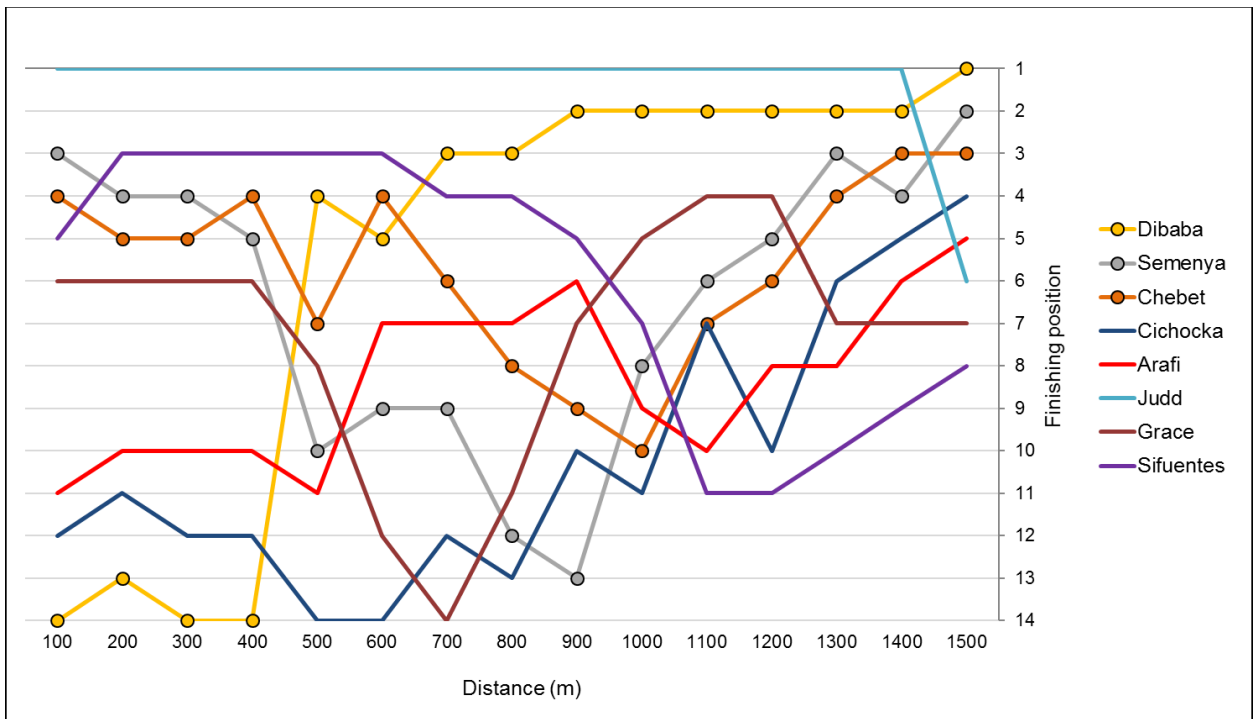


Figure 2. The position of the top eight athletes after each 100 m segment in Heat 1.

3841	Dibaba, Genzebe (ETH) Q	Posn. 1
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	100m	200m	300m	400m	500m	600m	700m	800m	900m	1000m
Race Time	16.09	32.20	48.76	1:06.00	1:21.77	1:38.99	1:55.28	2:11.90	2:27.49	2:43.24
100m	16.09	16.11	16.56	17.24	15.77	17.22	16.29	16.62	15.59	15.75
400m				1:06.00				1:05.90		
	1100m	1200m	1300m	1400m	1500m					
Race Time	2:58.99	3:14.80	3:30.81	3:47.17	4:02.67					
100m	15.75	15.81	16.01	16.36	15.50					
400m		1:02.90								

4209	Semenya, Caster (RSA) Q SB	Posn. 2
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	100m	200m	300m	400m	500m	600m	700m	800m	900m	1000m
Race Time	15.12	31.33	48.07	1:05.29	1:22.28	1:39.28	1:55.82	2:12.70	2:28.51	2:44.24
100m	15.12	16.21	16.74	17.22	16.99	17.00	16.54	16.88	15.81	15.73
400m				1:05.29				1:07.41		
	1100m	1200m	1300m	1400m	1500m					
Race Time	2:59.81	3:15.56	3:31.09	3:47.37	4:02.84					
100m	15.57	15.75	15.53	16.28	15.47					
400m		1:02.86								

4074	Chebet, Winny (KEN) Q	Posn. 3
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	100m	200m	300m	400m	500m	600m	700m	800m	900m	1000m
Race Time	15.25	31.42	48.12	1:05.20	1:22.01	1:38.98	1:55.62	2:12.35	2:28.13	2:44.43
100m	15.25	16.17	16.70	17.08	16.81	16.97	16.64	16.73	15.78	16.30
400m				1:05.20				1:07.15		
	1100m	1200m	1300m	1400m	1500m					
Race Time	2:59.94	3:15.76	3:31.25	3:47.36	4:03.19					
100m	15.51	15.82	15.49	16.11	15.83					
400m		1:03.41								

4166	Cichocka, Angelika (POL) Q	Posn. 4
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	100m	200m	300m	400m	500m	600m	700m	800m	900m	1000m
Race Time	15.81	32.03	48.62	1:05.78	1:22.73	1:39.87	1:56.00	2:12.87	2:28.28	2:44.47
100m	15.81	16.22	16.59	17.16	16.95	17.14	16.13	16.87	15.41	16.19
400m				1:05.78				1:07.09		
	1100m	1200m	1300m	1400m	1500m					
Race Time	2:59.94	3:16.18	3:31.44	3:47.57	4:03.27					
100m	15.47	16.24	15.26	16.13	15.70					
400m		1:03.31								

4108	Arafi, Rababe (MAR) Q	Posn. 5
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	100m	200m	300m	400m	500m	600m	700m	800m	900m	1000m
Race Time	15.72	31.99	48.54	1:05.68	1:22.37	1:39.18	1:55.66	2:12.34	2:27.96	2:44.34
100m	15.72	16.27	16.55	17.14	16.69	16.81	16.48	16.68	15.62	16.38
400m				1:05.68				1:06.66		
	1100m	1200m	1300m	1400m	1500m					
Race Time	3:00.07	3:15.97	3:31.61	3:47.70	4:03.67					
100m	15.73	15.90	15.64	16.09	15.97					
400m		1:03.63								

3894	Judd, Jessica (GBR) Q PB	Posn. 6
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	100m	200m	300m	400m	500m	600m	700m	800m	900m	1000m
Race Time	14.86	30.86	47.51	1:04.53	1:21.31	1:38.29	1:54.95	2:11.43	2:27.10	2:43.00
100m	14.86	16.00	16.65	17.02	16.78	16.98	16.66	16.48	15.67	15.90
400m				1:04.53				1:06.90		
	1100m	1200m	1300m	1400m	1500m					
Race Time	2:58.77	3:14.58	3:30.62	3:47.08	4:03.73					
100m	15.77	15.81	16.04	16.46	16.65					
400m		1:03.15								

4335	Grace, Kate (USA) q	Posn. 7
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	100m	200m	300m	400m	500m	600m	700m	800m	900m	1000m
Race Time	15.32	31.52	48.15	1:05.32	1:22.14	1:39.59	1:56.13	2:12.66	2:28.09	2:43.94
100m	15.32	16.20	16.63	17.17	16.82	17.45	16.54	16.53	15.43	15.85
400m				1:05.32				1:07.34		
	1100m	1200m	1300m	1400m	1500m					
Race Time	2:59.60	3:15.45	3:31.54	3:48.03	4:04.76					
100m	15.66	15.85	16.09	16.49	16.73					
400m		1:02.79								

3741	Sifuentes, Nicole (CAN) q SB	Posn. 8
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	100m	200m	300m	400m	500m	600m	700m	800m	900m	1000m
Race Time	15.27	31.24	47.86	1:04.98	1:21.76	1:38.79	1:55.44	2:12.13	2:27.94	2:44.23
100m	15.27	15.97	16.62	17.12	16.78	17.03	16.65	16.69	15.81	16.29
400m				1:04.98				1:07.15		
	1100m	1200m	1300m	1400m	1500m					
Race Time	3:00.10	3:16.39	3:32.30	3:48.43	4:05.24					
100m	15.87	16.29	15.91	16.13	16.81					
400m		1:04.26								

3616	Buckman, Zoe (AUS) q	Posn. 9
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	100m	200m	300m	400m	500m	600m	700m	800m	900m	1000m
Race Time	15.08	31.06	47.75	1:04.78	1:21.57	1:38.50	1:55.19	2:11.71	2:27.52	2:43.52
100m	15.08	15.98	16.69	17.03	16.79	16.93	16.69	16.52	15.81	16.00
400m				1:04.78				1:06.93		
	1100m	1200m	1300m	1400m	1500m					
Race Time	2:59.29	3:15.09	3:31.34	3:48.25	4:05.44					
100m	15.77	15.80	16.25	16.91	17.19					
400m		1:03.38								

3852	Worku, Fantu (ETH) PB	Posn. 10
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	100m	200m	300m	400m	500m	600m	700m	800m	900m	1000m
Race Time	15.94	32.23	48.60	1:05.70	1:21.99	1:39.20	1:55.50	2:12.17	2:27.77	2:43.91
100m	15.94	16.29	16.37	17.10	16.29	17.21	16.30	16.67	15.60	16.14
400m				1:05.70				1:06.47		
	1100m	1200m	1300m	1400m	1500m					
Race Time	2:59.77	3:15.95	3:32.20	3:48.93	4:05.81					
100m	15.86	16.18	16.25	16.73	16.88					
400m		1:03.78								

3828	Pérez, Marta (ESP) PB	Posn. 11
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	100m	200m	300m	400m	500m	600m	700m	800m	900m	1000m
Race Time	15.53	31.81	48.40	1:05.55	1:22.16	1:39.41	1:55.82	2:12.50	2:28.33	2:44.71
100m	15.53	16.28	16.59	17.15	16.61	17.25	16.41	16.68	15.83	16.38
400m				1:05.55				1:06.95		
	1100m	1200m	1300m	1400m	1500m					
Race Time	3:00.60	3:17.00	3:33.43	3:49.75	4:05.82					
100m	15.89	16.40	16.43	16.32	16.07					
400m		1:04.50								

4221	Terzic, Amela (SRB)	Posn. 12
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	100m	200m	300m	400m	500m	600m	700m	800m	900m	1000m
Race Time	15.57	31.82	48.32	1:05.53	1:22.52	1:39.51	1:56.08	2:13.10	2:29.39	2:45.74
100m	15.57	16.25	16.50	17.21	16.99	16.99	16.57	17.02	16.29	16.35
400m				1:05.53				1:07.57		
	1100m	1200m	1300m	1400m	1500m					
Race Time	3:02.02	3:18.68	3:35.87	3:52.45	4:08.55					
100m	16.28	16.66	17.19	16.58	16.10					
400m		1:05.58								

4001	Mageean, Ciara (IRL)	Posn. 13
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	100m	200m	300m	400m	500m	600m	700m	800m	900m	1000m
Race Time	15.70	32.06	48.62	1:05.86	1:22.59	1:39.64	1:55.93	2:12.62	2:28.36	2:44.56
100m	15.70	16.36	16.56	17.24	16.73	17.05	16.29	16.69	15.74	16.20
400m				1:05.86				1:06.76		
	1100m	1200m	1300m	1400m	1500m					
Race Time	3:00.29	3:16.67	3:33.49	3:51.09	4:10.60					
100m	15.73	16.38	16.82	17.60	19.51					
400m		1:04.05								

3807	Vrzalová, Simona (CZE)	DNF
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	100m	200m	300m	400m	500m	600m	700m	800m	900m	1000m
Race Time	15.36	31.63	48.25	1:05.47	1:21.92	1:39.17	1:55.69	2:12.32	2:28.10	2:44.09
100m	15.36	16.27	16.62	17.22	16.45	17.25	16.52	16.63	15.78	15.99
400m				1:05.47				1:06.85		
	1100m	1200m	1300m	1400m	1500m					
Race Time	2:59.97	3:16.15	3:32.37	3:49.86						
100m	15.88	16.18	16.22	17.49						
400m		1:03.83								

Heat 2

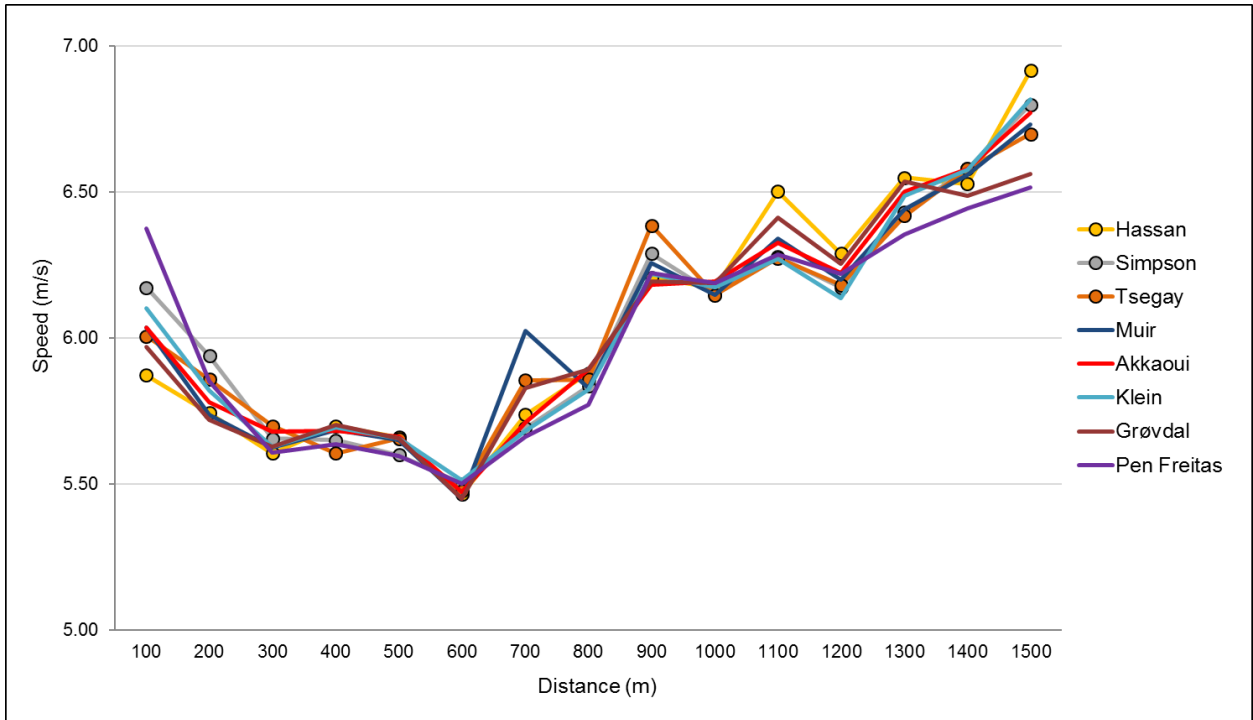


Figure 3. The mean speeds for each 100 m segment for the top eight athletes in Heat 2.

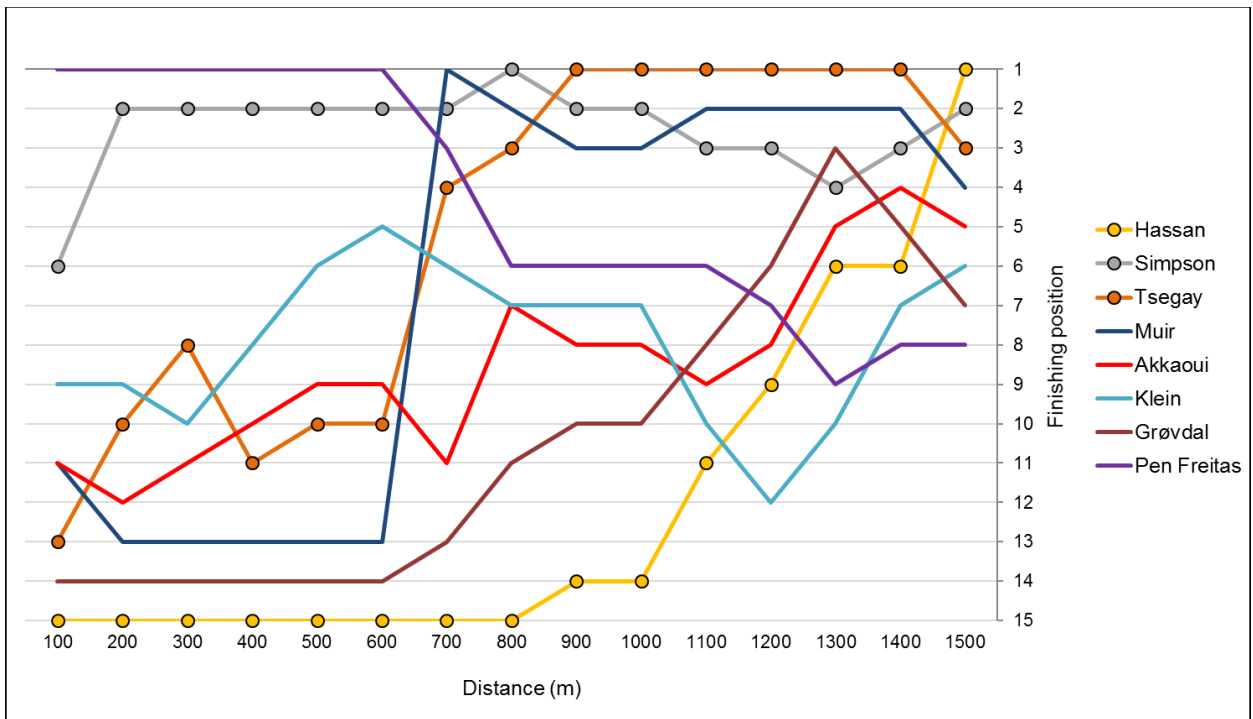


Figure 4. The position of the top eight athletes after each 100 m segment in Heat 2.

4127	Hassan, Sifan (NED) Q	Posn. 1
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	100m	200m	300m	400m	500m	600m	700m	800m	900m	1000m
Race Time	17.03	34.44	52.28	1:09.83	1:27.50	1:45.80	2:03.23	2:20.24	2:36.35	2:52.56
100m	17.03	17.41	17.84	17.55	17.67	18.30	17.43	17.01	16.11	16.21
400m				1:09.83				1:10.41		
	1100m	1200m	1300m	1400m	1500m					
Race Time	3:07.94	3:23.84	3:39.11	3:54.43	4:08.89					
100m	15.38	15.90	15.27	15.32	14.46					
400m		1:03.60								

4370	Simpson, Jennifer (USA) Q	Posn. 2
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	100m	200m	300m	400m	500m	600m	700m	800m	900m	1000m
Race Time	16.20	33.04	50.72	1:08.42	1:26.28	1:44.46	2:02.03	2:19.17	2:35.07	2:51.33
100m	16.20	16.84	17.68	17.70	17.86	18.18	17.57	17.14	15.90	16.26
400m				1:08.42				1:10.75		
	1100m	1200m	1300m	1400m	1500m					
Race Time	3:07.26	3:23.46	3:39.01	3:54.21	4:08.92					
100m	15.93	16.20	15.55	15.20	14.71					
400m		1:04.29								

3851	Tsegay, Gudaf (ETH) Q	Posn. 3
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	100m	200m	300m	400m	500m	600m	700m	800m	900m	1000m
Race Time	16.65	33.72	51.27	1:09.11	1:26.79	1:45.05	2:02.13	2:19.20	2:34.86	2:51.13
100m	16.65	17.07	17.55	17.84	17.68	18.26	17.08	17.07	15.66	16.27
400m				1:09.11				1:10.09		
	1100m	1200m	1300m	1400m	1500m					
Race Time	3:07.07	3:23.25	3:38.83	3:54.03	4:08.96					
100m	15.94	16.18	15.58	15.20	14.93					
400m		1:04.05								

3900	Muir, Laura (GBR) Q	Posn. 4
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	100m	200m	300m	400m	500m	600m	700m	800m	900m	1000m
Race Time	16.57	34.00	51.78	1:09.37	1:27.07	1:45.42	2:02.02	2:19.18	2:35.16	2:51.43
100m	16.57	17.43	17.78	17.59	17.70	18.35	16.60	17.16	15.98	16.27
400m				1:09.37				1:09.81		
	1100m	1200m	1300m	1400m	1500m					
Race Time	3:07.20	3:23.33	3:38.86	3:54.11	4:08.97					
100m	15.77	16.13	15.53	15.25	14.86					
400m		1:04.15								

4107	Akkaoui, Malika (MAR) Q	Posn. 5
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	100m	200m	300m	400m	500m	600m	700m	800m	900m	1000m
Race Time	16.57	33.87	51.48	1:09.08	1:26.74	1:45.01	2:02.52	2:19.49	2:35.67	2:51.82
100m	16.57	17.30	17.61	17.60	17.66	18.27	17.51	16.97	16.18	16.15
400m				1:09.08				1:10.41		
	1100m	1200m	1300m	1400m	1500m					
Race Time	3:07.63	3:23.70	3:39.08	3:54.28	4:09.05					
100m	15.81	16.07	15.38	15.20	14.77					
400m		1:04.21								

3939	Klein, Hanna (GER) Q	Posn. 6
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	100m	200m	300m	400m	500m	600m	700m	800m	900m	1000m
Race Time	16.39	33.57	51.34	1:08.90	1:26.58	1:44.72	2:02.32	2:19.49	2:35.57	2:51.77
100m	16.39	17.18	17.77	17.56	17.68	18.14	17.60	17.17	16.08	16.20
400m				1:08.90				1:10.59		
	1100m	1200m	1300m	1400m	1500m					
Race Time	3:07.72	3:24.02	3:39.44	3:54.65	4:09.32					
100m	15.95	16.30	15.42	15.21	14.67					
400m		1:04.53								

4153	Grøvdal, Karoline Bjerkeli (NOR)	Posn. 7
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	100m	200m	300m	400m	500m	600m	700m	800m	900m	1000m
Race Time	16.75	34.23	52.00	1:09.54	1:27.22	1:45.57	2:02.73	2:19.70	2:35.85	2:52.01
100m	16.75	17.48	17.77	17.54	17.68	18.35	17.16	16.97	16.15	16.16
400m				1:09.54				1:10.16		
	1100m	1200m	1300m	1400m	1500m					
Race Time	3:07.61	3:23.60	3:38.90	3:54.32	4:09.56					
100m	15.60	15.99	15.30	15.42	15.24					
400m		1:03.90								

4190	Pen Freitas, Marta (POR)	Posn. 8
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	100m	200m	300m	400m	500m	600m	700m	800m	900m	1000m
Race Time	15.69	32.78	50.61	1:08.35	1:26.22	1:44.40	2:02.06	2:19.39	2:35.46	2:51.62
100m	15.69	17.09	17.83	17.74	17.87	18.18	17.66	17.33	16.07	16.16
400m				1:08.35				1:11.04		
	1100m	1200m	1300m	1400m	1500m					
Race Time	3:07.53	3:23.61	3:39.35	3:54.87	4:10.22					
100m	15.91	16.08	15.74	15.52	15.35					
400m		1:04.22								

3621	Hall, Linden (AUS)	Posn. 9
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	100m	200m	300m	400m	500m	600m	700m	800m	900m	1000m
Race Time	16.10	33.25	50.86	1:08.51	1:26.35	1:44.62	2:02.20	2:19.37	2:35.36	2:51.57
100m	16.10	17.15	17.61	17.65	17.84	18.27	17.58	17.17	15.99	16.21
400m				1:08.51				1:10.86		
	1100m	1200m	1300m	1400m	1500m					
Race Time	3:07.41	3:23.59	3:39.34	3:55.29	4:10.51					
100m	15.84	16.18	15.75	15.95	15.22					
400m		1:04.22								

4197	Bobocea, Claudia (ROU)	Posn. 10
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	100m	200m	300m	400m	500m	600m	700m	800m	900m	1000m
Race Time	15.99	33.04	50.93	1:08.60	1:26.48	1:44.69	2:02.41	2:19.68	2:36.06	2:52.31
100m	15.99	17.05	17.89	17.67	17.88	18.21	17.72	17.27	16.38	16.25
400m				1:08.60				1:11.08		
	1100m	1200m	1300m	1400m	1500m					
Race Time	3:07.96	3:23.97	3:39.74	3:55.72	4:11.20					
100m	15.65	16.01	15.77	15.98	15.48					
400m		1:04.29								

4269	Akdag, Meryem (TUR)	Posn. 11
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	100m	200m	300m	400m	500m	600m	700m	800m	900m	1000m
Race Time	16.12	33.30	51.01	1:08.71	1:26.51	1:44.86	2:02.34	2:19.34	2:35.25	2:51.54
100m	16.12	17.18	17.71	17.70	17.80	18.35	17.48	17.00	15.91	16.29
400m				1:08.71				1:10.63		
	1100m	1200m	1300m	1400m	1500m					
Race Time	3:07.31	3:23.48	3:39.27	3:55.41	4:12.51					
100m	15.77	16.17	15.79	16.14	17.10					
400m		1:04.14								

3739	Reid, Sheila (CAN)	Posn. 12
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	100m	200m	300m	400m	500m	600m	700m	800m	900m	1000m
Race Time	16.50	33.47	51.07	1:08.87	1:26.60	1:44.80	2:02.49	2:19.50	2:35.74	2:51.85
100m	16.50	16.97	17.60	17.80	17.73	18.20	17.69	17.01	16.24	16.11
400m				1:08.87				1:10.63		
	1100m	1200m	1300m	1400m	1500m					
Race Time	3:07.60	3:23.85	3:39.59	3:56.11	4:13.12					
100m	15.75	16.25	15.74	16.52	17.01					
400m		1:04.35								

4084	Kiyeng, Judith Jemutai (KEN)	Posn. 13
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	100m	200m	300m	400m	500m	600m	700m	800m	900m	1000m
Race Time	16.33	33.48	51.28	1:08.95	1:26.90	1:45.17	2:02.51	2:19.72	2:35.90	2:52.16
100m	16.33	17.15	17.80	17.67	17.95	18.27	17.34	17.21	16.18	16.26
400m				1:08.95				1:10.77		
	1100m	1200m	1300m	1400m	1500m					
Race Time	3:07.94	3:24.18	3:39.90	3:56.23	4:13.65					
100m	15.78	16.24	15.72	16.33	17.42					
400m		1:04.46								

4276	Chebet, Esther (UGA)	Posn. 14
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	100m	200m	300m	400m	500m	600m	700m	800m	900m	1000m
Race Time	16.13	33.52	51.16	1:08.82	1:26.65	1:44.94	2:02.69	2:19.82	2:36.14	2:52.39
100m	16.13	17.39	17.64	17.66	17.83	18.29	17.75	17.13	16.32	16.25
400m				1:08.82				1:11.00		
	1100m	1200m	1300m	1400m	1500m					
Race Time	3:08.33	3:24.39	3:40.40	3:56.94	4:14.12					
100m	15.94	16.06	16.01	16.54	17.18					
400m		1:04.57								

4106	Saholinirina, Eliane (MAD) SB	Posn. 15
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	100m	200m	300m	400m	500m	600m	700m	800m	900m	1000m
Race Time	16.31	33.78	51.55	1:09.21	1:27.00	1:45.35	2:02.95	2:20.00	2:37.19	2:54.38
100m	16.31	17.47	17.77	17.66	17.79	18.35	17.60	17.05	17.19	17.19
400m				1:09.21				1:10.79		
	1100m	1200m	1300m	1400m	1500m					
Race Time	3:11.60	3:28.82	3:46.63	4:04.85	4:23.56					
100m	17.22	17.22	17.81	18.22	18.71					
400m		1:08.82								

Heat 3

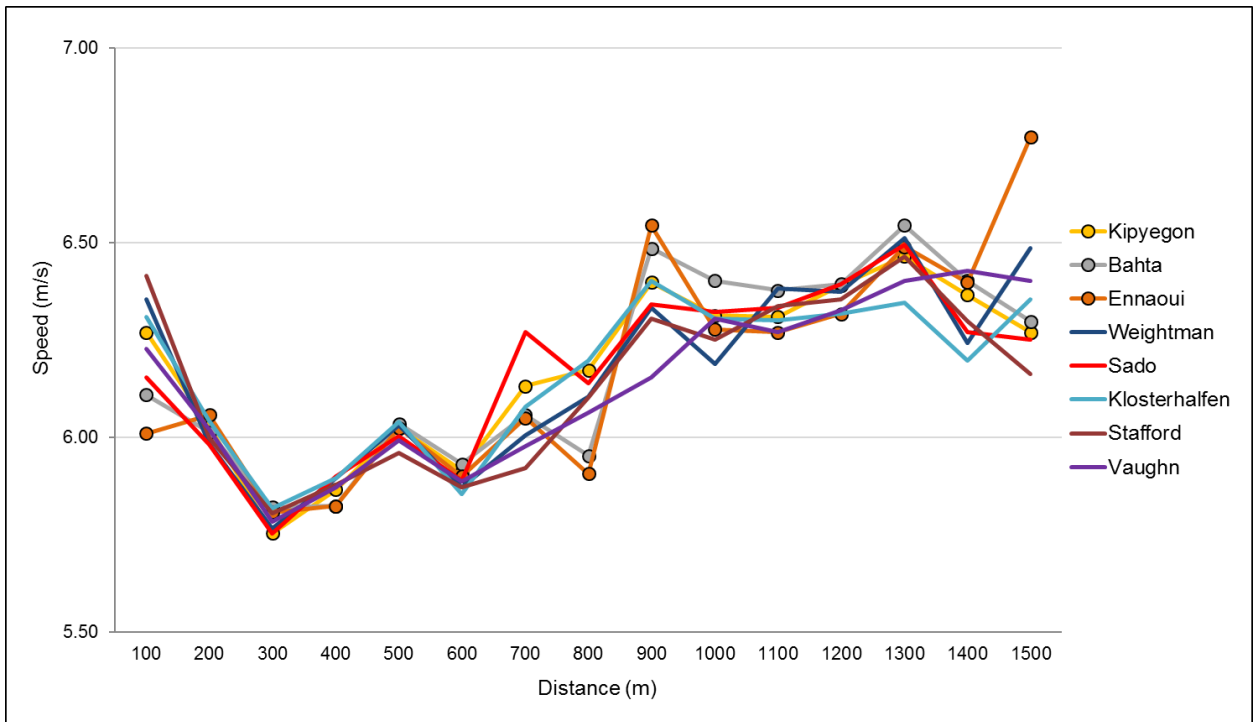


Figure 5. The mean speeds for each 100 m segment for the top eight athletes in Heat 3.

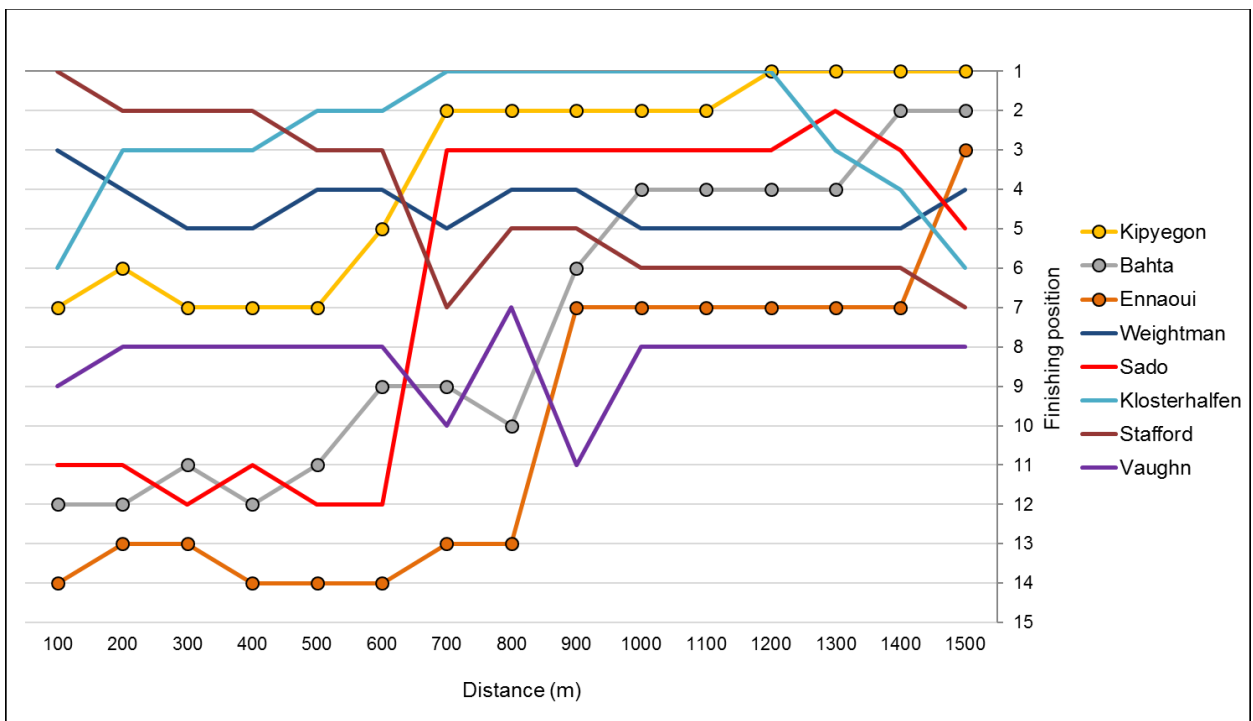


Figure 6. The position of the top eight athletes after each 100 m segment in Heat 3.

4082	Kipyegon, Faith Chepngetich (KEN) Q	Posn. 1
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	100m	200m	300m	400m	500m	600m	700m	800m	900m	1000m
Race Time	15.95	32.54	49.92	1:06.97	1:23.57	1:40.48	1:56.79	2:12.99	2:28.62	2:44.46
100m	15.95	16.59	17.38	17.05	16.60	16.91	16.31	16.20	15.63	15.84
400m				1:06.97				1:06.02		
	1100m	1200m	1300m	1400m	1500m					
Race Time	3:00.31	3:15.96	3:31.43	3:47.14	4:03.09					
100m	15.85	15.65	15.47	15.71	15.95					
400m		1:02.97								

4241	Bahta, Meraf (SWE) Q	Posn. 2
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	100m	200m	300m	400m	500m	600m	700m	800m	900m	1000m
Race Time	16.37	33.00	50.18	1:07.35	1:23.92	1:40.78	1:57.29	2:14.09	2:29.51	2:45.13
100m	16.37	16.63	17.18	17.17	16.57	16.86	16.51	16.80	15.42	15.62
400m				1:07.35				1:06.74		
	1100m	1200m	1300m	1400m	1500m					
Race Time	3:00.81	3:16.45	3:31.73	3:47.35	4:03.23					
100m	15.68	15.64	15.28	15.62	15.88					
400m		1:02.36								

4168	Ennaoui, Sofia (POL) Q SB	Posn. 3
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	100m	200m	300m	400m	500m	600m	700m	800m	900m	1000m
Race Time	16.64	33.15	50.37	1:07.54	1:24.14	1:41.09	1:57.62	2:14.55	2:29.83	2:45.76
100m	16.64	16.51	17.22	17.17	16.60	16.95	16.53	16.93	15.28	15.93
400m				1:07.54				1:07.01		
	1100m	1200m	1300m	1400m	1500m					
Race Time	3:01.71	3:17.54	3:32.95	3:48.58	4:03.35					
100m	15.95	15.83	15.41	15.63	14.77					
400m		1:02.99								

3920	Weightman, Laura (GBR) Q	Posn. 4
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	100m	200m	300m	400m	500m	600m	700m	800m	900m	1000m
Race Time	15.74	32.45	49.79	1:06.75	1:23.33	1:40.36	1:57.01	2:13.39	2:29.18	2:45.34
100m	15.74	16.71	17.34	16.96	16.58	17.03	16.65	16.38	15.79	16.16
400m				1:06.75				1:06.64		
	1100m	1200m	1300m	1400m	1500m					
Race Time	3:01.01	3:16.70	3:32.06	3:48.08	4:03.50					
100m	15.67	15.69	15.36	16.02	15.42					
400m		1:03.31								

3847	Sado, Besu (ETH) Q	Posn. 5
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	100m	200m	300m	400m	500m	600m	700m	800m	900m	1000m
Race Time	16.25	32.97	50.35	1:07.30	1:23.96	1:40.94	1:56.89	2:13.18	2:28.95	2:44.77
100m	16.25	16.72	17.38	16.95	16.66	16.98	15.95	16.29	15.77	15.82
400m				1:07.30				1:05.88		
	1100m	1200m	1300m	1400m	1500m					
Race Time	3:00.56	3:16.20	3:31.60	3:47.55	4:03.55					
100m	15.79	15.64	15.40	15.95	16.00					
400m		1:03.02								

3940	Klosterhalfen, Konstanze (GER) Q	Posn. 6
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	100m	200m	300m	400m	500m	600m	700m	800m	900m	1000m
Race Time	15.85	32.40	49.59	1:06.55	1:23.11	1:40.19	1:56.64	2:12.78	2:28.40	2:44.26
100m	15.85	16.55	17.19	16.96	16.56	17.08	16.45	16.14	15.62	15.86
400m				1:06.55				1:06.23		
	1100m	1200m	1300m	1400m	1500m					
Race Time	3:00.13	3:15.96	3:31.72	3:47.86	4:03.60					
100m	15.87	15.83	15.76	16.14	15.74					
400m		1:03.18								

3742	Stafford, Gabriela (CAN) q PB	Posn. 7
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	100m	200m	300m	400m	500m	600m	700m	800m	900m	1000m
Race Time	15.59	32.26	49.49	1:06.50	1:23.28	1:40.31	1:57.20	2:13.59	2:29.45	2:45.45
100m	15.59	16.67	17.23	17.01	16.78	17.03	16.89	16.39	15.86	16.00
400m				1:06.50				1:07.09		
	1100m	1200m	1300m	1400m	1500m					
Race Time	3:01.23	3:16.97	3:32.44	3:48.32	4:04.55					
100m	15.78	15.74	15.47	15.88	16.23					
400m		1:03.38								

4377	Vaughn, Sara (USA) q PB	Posn. 8
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	100m	200m	300m	400m	500m	600m	700m	800m	900m	1000m
Race Time	16.06	32.67	49.96	1:06.99	1:23.68	1:40.67	1:57.40	2:13.89	2:30.14	2:46.37
100m	16.06	16.61	17.29	17.03	16.69	16.99	16.73	16.49	16.25	15.86
400m				1:06.99				1:06.90		
	1100m	1200m	1300m	1400m	1500m					
Race Time	3:01.95	3:17.76	3:33.38	3:48.94	4:04.56					
100m	15.95	15.81	15.62	15.56	15.62					
400m		1:03.87								

3899	McDonald, Sarah (GBR) q PB	Posn. 9
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	100m	200m	300m	400m	500m	600m	700m	800m	900m	1000m
Race Time	15.76	32.59	49.90	1:06.87	1:23.48	1:40.61	1:57.14	2:13.91	2:29.98	2:46.00
100m	15.76	16.83	17.31	16.97	16.61	17.13	16.53	16.77	16.07	16.02
400m				1:06.87				1:07.04		
	1100m	1200m	1300m	1400m	1500m					
Race Time	3:02.09	3:17.95	3:33.64	3:49.34	4:05.48					
100m	16.09	15.86	15.69	15.70	16.14					
400m		1:04.04								

3826	Pereira, Solange (ESP)	Posn. 10
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	100m	200m	300m	400m	500m	600m	700m	800m	900m	1000m
Race Time	15.84	32.47	49.73	1:06.68	1:23.47	1:40.50	1:57.28	2:14.07	2:30.22	2:46.70
100m	15.84	16.63	17.26	16.95	16.79	17.03	16.78	16.79	16.15	16.48
400m				1:06.68				1:07.39		
	1100m	1200m	1300m	1400m	1500m					
Race Time	3:02.26	3:18.21	3:34.05	3:50.18	4:06.63					
100m	15.56	15.95	15.84	16.13	16.45					
400m		1:04.14								

3620	Griffith, Georgia (AUS)	Posn. 11
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	100m	200m	300m	400m	500m	600m	700m	800m	900m	1000m
Race Time	16.00	32.76	50.05	1:07.14	1:23.73	1:40.92	1:57.50	2:14.31	2:30.06	2:46.36
100m	16.00	16.76	17.29	17.09	16.59	17.19	16.58	16.81	15.75	16.30
400m				1:07.14				1:07.17		
	1100m	1200m	1300m	1400m	1500m					
Race Time	3:02.37	3:18.43	3:34.40	3:51.29	4:08.99					
100m	16.01	16.06	15.97	16.89	17.70					
400m		1:04.12								

4014	Magnani, Margherita (ITA)	Posn. 12
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	100m	200m	300m	400m	500m	600m	700m	800m	900m	1000m
Race Time	16.21	32.86	50.15	1:07.15	1:23.75	1:40.79	1:57.41	2:14.27	2:30.25	2:46.87
100m	16.21	16.65	17.29	17.00	16.60	17.04	16.62	16.86	15.98	16.62
400m				1:07.15				1:07.12		
	1100m	1200m	1300m	1400m	1500m					
Race Time	3:02.55	3:18.80	3:35.00	3:51.87	4:09.15					
100m	15.68	16.25	16.20	16.87	17.28					
400m		1:04.53								

3777	Coneo, Muriel (COL) SB	Posn. 13
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	100m	200m	300m	400m	500m	600m	700m	800m	900m	1000m
Race Time	15.63	32.22	49.41	1:06.27	1:23.09	1:40.12	1:56.96	2:13.61	2:29.95	2:46.65
100m	15.63	16.59	17.19	16.86	16.82	17.03	16.84	16.65	16.34	16.70
400m				1:06.27				1:07.34		
	1100m	1200m	1300m	1400m	1500m					
Race Time	3:02.77	3:19.41	3:36.13	3:53.78	4:11.98					
100m	16.12	16.64	16.72	17.65	18.20					
400m		1:05.80								

4056	Armoush, Tamara (JOR)	Posn. 14
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	100m	200m	300m	400m	500m	600m	700m	800m	900m	1000m
Race Time	16.48	33.18	50.58	1:07.42	1:24.00	1:40.97	1:57.71	2:14.82	2:31.55	2:48.80
100m	16.48	16.70	17.40	16.84	16.58	16.97	16.74	17.11	16.73	17.25
400m				1:07.42				1:07.40		
	1100m	1200m	1300m	1400m	1500m					
Race Time	3:06.83	3:24.84	3:43.28	4:02.42	4:21.81					
100m	18.03	18.01	18.44	19.14	19.39					
400m		1:10.02								

3614	Nadi, Angelina (ART) PB	Posn. 15
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	100m	200m	300m	400m	500m	600m	700m	800m	900m	1000m
Race Time	16.66	33.38	50.52	1:07.81	1:24.70	1:42.31	2:00.37	2:19.12	2:38.09	2:57.71
100m	16.66	16.72	17.14	17.29	16.89	17.61	18.06	18.75	18.97	19.62
400m				1:07.81				1:11.31		
	1100m	1200m	1300m	1400m	1500m					
Race Time	3:17.01	3:36.56	3:55.77	4:15.44	4:33.54					
100m	19.30	19.55	19.21	19.67	18.10					
400m		1:17.44								

Semi-final 1

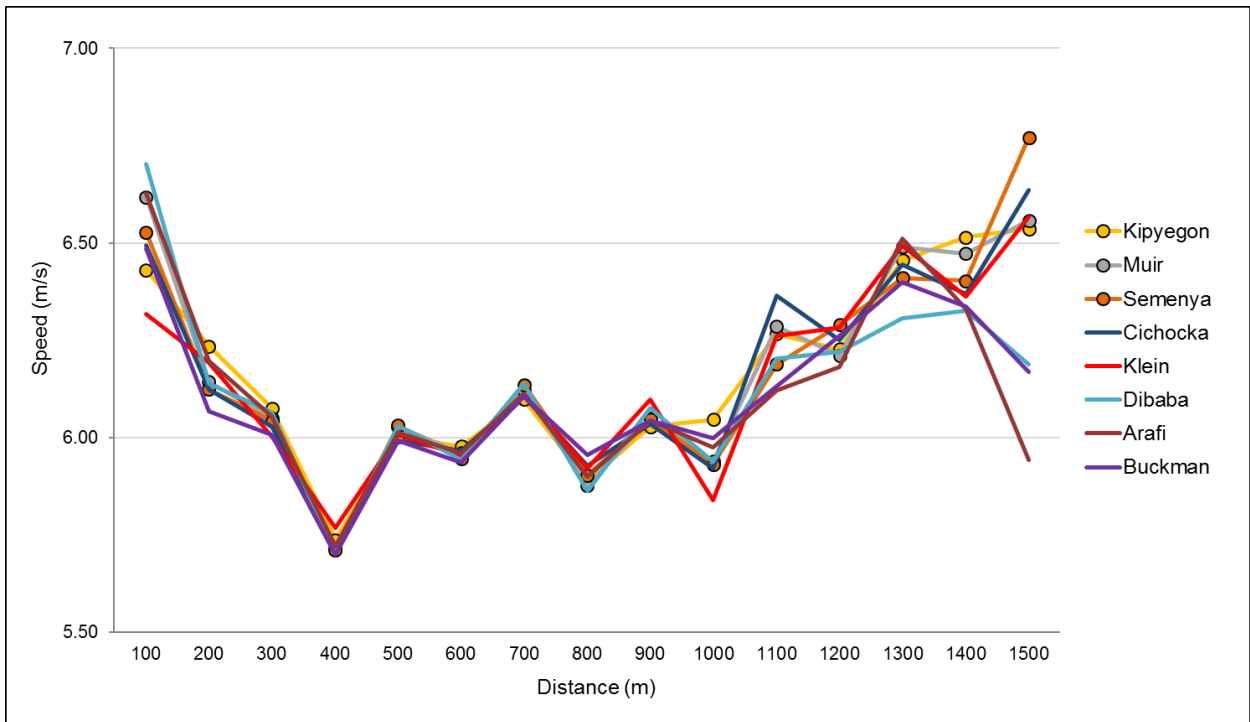


Figure 7. The mean speeds for each 100 m segment for the top eight athletes in Semi-final 1.

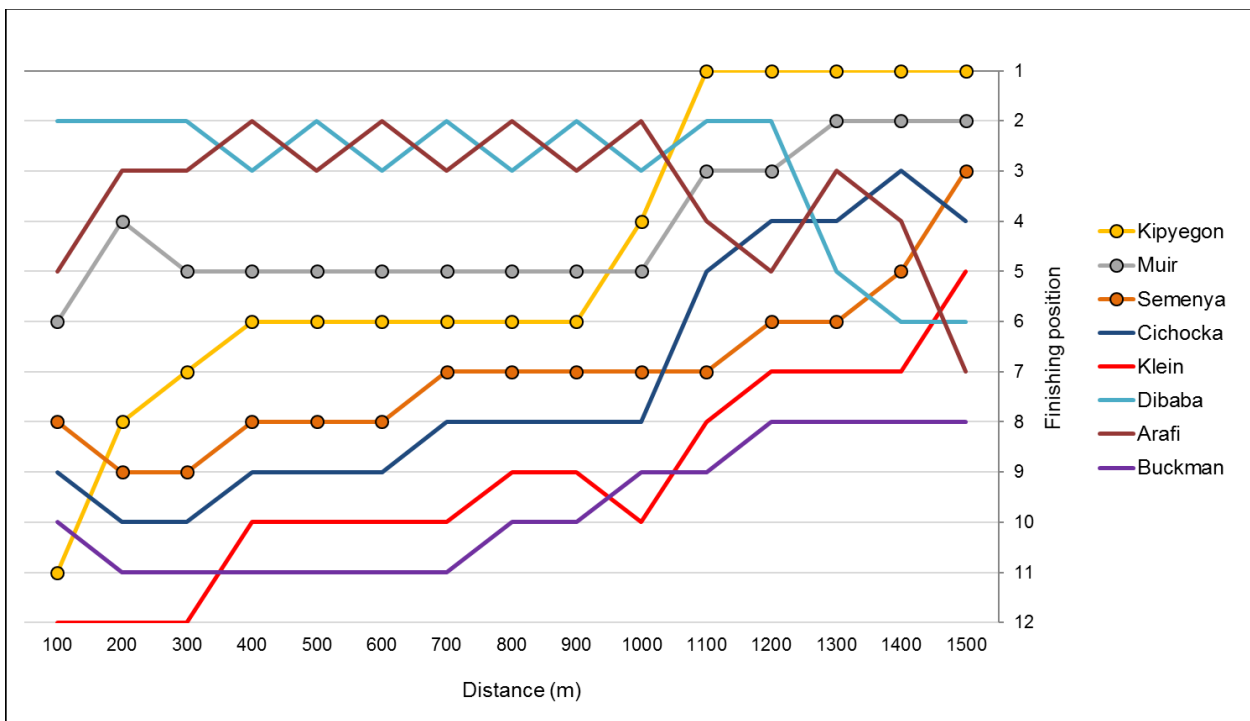


Figure 8. The position of the top eight athletes after each 100 m segment in Semi-final 1.

4082	Kipyegon, Faith Chepngetich (KEN) Q	Posn. 1
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	100m	200m	300m	400m	500m	600m	700m	800m	900m	1000m
Race Time	15.55	31.59	48.05	1:05.48	1:22.14	1:38.87	1:55.27	2:12.25	2:28.84	2:45.38
100m	15.55	16.04	16.46	17.43	16.66	16.73	16.40	16.98	16.59	16.54
400m				1:05.48				1:06.77		
	1100m	1200m	1300m	1400m	1500m					
Race Time	3:01.34	3:17.40	3:32.89	3:48.24	4:03.54					
100m	15.96	16.06	15.49	15.35	15.30					
400m		1:05.15								

3900	Muir, Laura (GBR) Q	Posn. 2
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	100m	200m	300m	400m	500m	600m	700m	800m	900m	1000m
Race Time	15.11	31.39	47.92	1:05.42	1:22.01	1:38.79	1:55.13	2:12.15	2:28.68	2:45.52
100m	15.11	16.28	16.53	17.50	16.59	16.78	16.34	17.02	16.53	16.84
400m				1:05.42				1:06.73		
	1100m	1200m	1300m	1400m	1500m					
Race Time	3:01.43	3:17.53	3:32.94	3:48.39	4:03.64					
100m	15.91	16.10	15.41	15.45	15.25					
400m		1:05.38								

4209	Semenya, Caster (RSA) Q	Posn. 3
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	100m	200m	300m	400m	500m	600m	700m	800m	900m	1000m
Race Time	15.32	31.65	48.20	1:05.71	1:22.29	1:39.11	1:55.41	2:12.35	2:28.89	2:45.75
100m	15.32	16.33	16.55	17.51	16.58	16.82	16.30	16.94	16.54	16.86
400m				1:05.71				1:06.64		
	1100m	1200m	1300m	1400m	1500m					
Race Time	3:01.91	3:17.81	3:33.41	3:49.03	4:03.80					
100m	16.16	15.90	15.60	15.62	14.77					
400m		1:05.46								

4166	Cichocka, Angelika (POL) Q	Posn. 4
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	100m	200m	300m	400m	500m	600m	700m	800m	900m	1000m
Race Time	15.40	31.73	48.32	1:05.80	1:22.49	1:39.25	1:55.63	2:12.50	2:29.07	2:45.96
100m	15.40	16.33	16.59	17.48	16.69	16.76	16.38	16.87	16.57	16.89
400m				1:05.80				1:06.70		
	1100m	1200m	1300m	1400m	1500m					
Race Time	3:01.67	3:17.67	3:33.19	3:48.89	4:03.96					
100m	15.71	16.00	15.52	15.70	15.07					
400m		1:05.17								

3939	Klein, Hanna (GER) Q	Posn. 5
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	100m	200m	300m	400m	500m	600m	700m	800m	900m	1000m
Race Time	15.83	31.98	48.64	1:05.98	1:22.63	1:39.43	1:55.79	2:12.68	2:29.08	2:46.21
100m	15.83	16.15	16.66	17.34	16.65	16.80	16.36	16.89	16.40	17.13
400m				1:05.98				1:06.70		
	1100m	1200m	1300m	1400m	1500m					
Race Time	3:02.18	3:18.10	3:33.50	3:49.22	4:04.45					
100m	15.97	15.92	15.40	15.72	15.23					
400m		1:05.42								

3841	Dibaba, Genzebe (ETH) q	Posn. 6
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	100m	200m	300m	400m	500m	600m	700m	800m	900m	1000m
Race Time	14.92	31.21	47.70	1:05.24	1:21.82	1:38.65	1:54.94	2:12.00	2:28.46	2:45.30
100m	14.92	16.29	16.49	17.54	16.58	16.83	16.29	17.06	16.46	16.84
400m				1:05.24				1:06.76		
	1100m	1200m	1300m	1400m	1500m					
Race Time	3:01.42	3:17.50	3:33.36	3:49.17	4:05.33					
100m	16.12	16.08	15.86	15.81	16.16					
400m		1:05.50								

4108	Arafi, Rababe (MAR) q	Posn. 7
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	100m	200m	300m	400m	500m	600m	700m	800m	900m	1000m
Race Time	15.09	31.23	47.75	1:05.23	1:21.86	1:38.64	1:55.00	2:11.95	2:28.50	2:45.24
100m	15.09	16.14	16.52	17.48	16.63	16.78	16.36	16.95	16.55	16.74
400m				1:05.23				1:06.72		
	1100m	1200m	1300m	1400m	1500m					
Race Time	3:01.58	3:17.76	3:33.12	3:48.92	4:05.75					
100m	16.34	16.18	15.36	15.80	16.83					
400m		1:05.81								

3616	Buckman, Zoe (AUS)	Posn. 8
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	100m	200m	300m	400m	500m	600m	700m	800m	900m	1000m
Race Time	15.42	31.90	48.55	1:06.10	1:22.79	1:39.64	1:56.02	2:12.81	2:29.36	2:46.03
100m	15.42	16.48	16.65	17.55	16.69	16.85	16.38	16.79	16.55	16.67
400m				1:06.10				1:06.71		
	1100m	1200m	1300m	1400m	1500m					
Race Time	3:02.34	3:18.31	3:33.94	3:49.72	4:05.93					
100m	16.31	15.97	15.63	15.78	16.21					
400m		1:05.50								

3741	Sifuentes, Nicole (CAN)	Posn. 9
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	100m	200m	300m	400m	500m	600m	700m	800m	900m	1000m
Race Time	15.17	31.47	48.12	1:05.57	1:22.28	1:39.05	1:55.68	2:13.06	2:29.91	2:46.92
100m	15.17	16.30	16.65	17.45	16.71	16.77	16.63	17.38	16.85	17.01
400m				1:05.57				1:07.49		
	1100m	1200m	1300m	1400m	1500m					
Race Time	3:03.49	3:20.01	3:36.22	3:52.34	4:07.92					
100m	16.57	16.52	16.21	16.12	15.58					
400m		1:06.95								

3894	Judd, Jessica (GBR)	Posn. 10
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	100m	200m	300m	400m	500m	600m	700m	800m	900m	1000m
Race Time	14.83	31.07	47.60	1:05.11	1:21.68	1:38.45	1:54.82	2:11.84	2:28.32	2:45.09
100m	14.83	16.24	16.53	17.51	16.57	16.77	16.37	17.02	16.48	16.77
400m				1:05.11				1:06.73		
	1100m	1200m	1300m	1400m	1500m					
Race Time	3:01.89	3:18.64	3:35.30	3:52.48	4:10.14					
100m	16.80	16.75	16.66	17.18	17.66					
400m		1:06.80								

4335	Grace, Kate (USA)									Posn. 11
	100m	200m	300m	400m	500m	600m	700m	800m	900m	1000m
Race Time	14.96	31.50	47.95	1:05.39	1:21.96	1:38.78	1:55.09	2:12.12	2:28.67	2:45.73
100m	14.96	16.54	16.45	17.44	16.57	16.82	16.31	17.03	16.55	17.06
400m				1:05.39				1:06.73		
	1100m	1200m	1300m	1400m	1500m					
Race Time	3:02.40	3:19.84	3:37.90	3:56.97	4:16.70					
100m	16.67	17.44	18.06	19.07	19.73					
400m		1:07.72								

3851	Tsegay, Gudaf (ETH)									Posn. 12
	100m	200m	300m	400m	500m	600m	700m	800m	900m	1000m
Race Time	14.95	31.40	47.84	1:09.27	1:26.44	1:43.94	2:01.28	2:18.68	2:36.18	2:53.87
100m	14.95	16.45	16.44	21.43	17.17	17.50	17.34	17.40	17.50	17.69
400m				1:09.27				1:09.41		
	1100m	1200m	1300m	1400m	1500m					
Race Time	3:11.55	3:29.11	3:46.84	4:04.62	4:22.01					
100m	17.68	17.56	17.73	17.78	17.39					
400m		1:10.43								

Semi-final 2

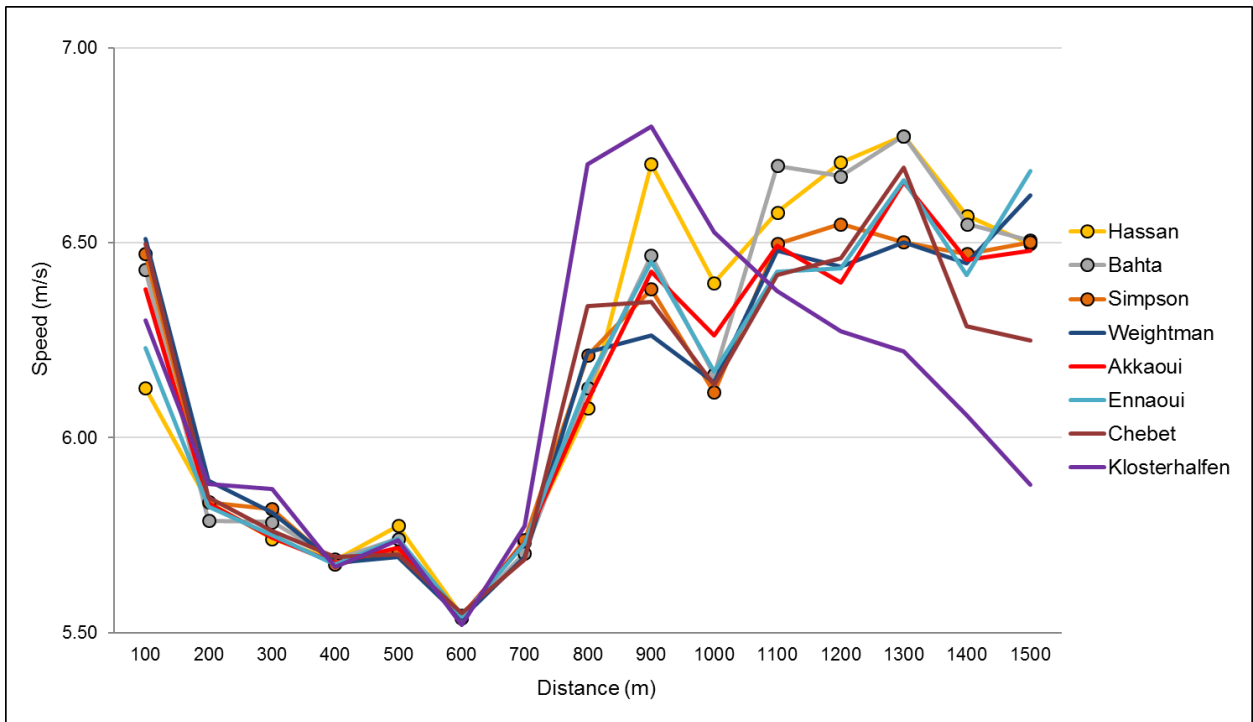


Figure 9. The mean speeds for each 100 m segment for the top eight athletes in Semi-final 2.

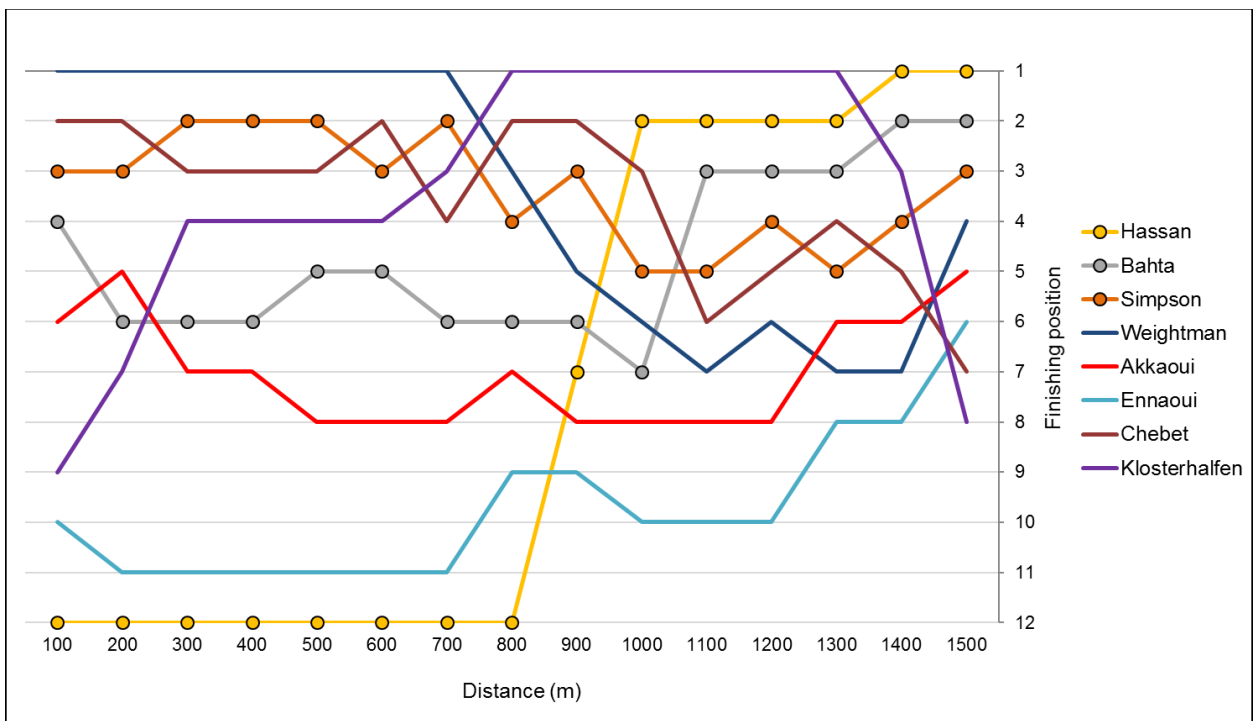


Figure 10. The position of the top eight athletes after each 100 m segment in Semi-final 2.

4127	Hassan, Sifan (NED) Q	Posn. 1
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	100m	200m	300m	400m	500m	600m	700m	800m	900m	1000m
Race Time	16.32	33.46	50.88	1:08.47	1:25.79	1:43.83	2:01.28	2:17.74	2:32.66	2:48.29
100m	16.32	17.14	17.42	17.59	17.32	18.04	17.45	16.46	14.92	15.63
400m				1:08.47				1:09.27		
	1100m	1200m	1300m	1400m	1500m					
Race Time	3:03.49	3:18.40	3:33.16	3:48.38	4:03.77					
100m	15.20	14.91	14.76	15.22	15.39					
400m		1:00.66								

4241	Bahta, Meraf (SWE) Q	Posn. 2
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	100m	200m	300m	400m	500m	600m	700m	800m	900m	1000m
Race Time	15.55	32.83	50.12	1:07.70	1:25.12	1:43.18	2:00.71	2:17.03	2:32.49	2:48.72
100m	15.55	17.28	17.29	17.58	17.42	18.06	17.53	16.32	15.46	16.23
400m				1:07.70				1:09.33		
	1100m	1200m	1300m	1400m	1500m					
Race Time	3:03.65	3:18.64	3:33.40	3:48.67	4:04.04					
100m	14.93	14.99	14.76	15.27	15.37					
400m		1:01.61								

4370	Simpson, Jennifer (USA) Q	Posn. 3
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	100m	200m	300m	400m	500m	600m	700m	800m	900m	1000m
Race Time	15.45	32.59	49.78	1:07.40	1:24.92	1:42.98	2:00.41	2:16.51	2:32.18	2:48.53
100m	15.45	17.14	17.19	17.62	17.52	18.06	17.43	16.10	15.67	16.35
400m				1:07.40				1:09.11		
	1100m	1200m	1300m	1400m	1500m					
Race Time	3:03.92	3:19.19	3:34.57	3:50.02	4:05.40					
100m	15.39	15.27	15.38	15.45	15.38					
400m		1:02.68								

3920	Weightman, Laura (GBR) Q	Posn. 4
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	100m	200m	300m	400m	500m	600m	700m	800m	900m	1000m
Race Time	15.36	32.34	49.56	1:07.17	1:24.73	1:42.79	2:00.35	2:16.43	2:32.40	2:48.68
100m	15.36	16.98	17.22	17.61	17.56	18.06	17.56	16.08	15.97	16.28
400m				1:07.17				1:09.26		
	1100m	1200m	1300m	1400m	1500m					
Race Time	3:04.11	3:19.64	3:35.02	3:50.53	4:05.63					
100m	15.43	15.53	15.38	15.51	15.10					
400m		1:03.21								

4107	Akkaoui, Malika (MAR) Q	Posn. 5
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	100m	200m	300m	400m	500m	600m	700m	800m	900m	1000m
Race Time	15.67	32.82	50.23	1:07.84	1:25.33	1:43.37	2:00.82	2:17.23	2:32.79	2:48.76
100m	15.67	17.15	17.41	17.61	17.49	18.04	17.45	16.41	15.56	15.97
400m				1:07.84				1:09.39		
	1100m	1200m	1300m	1400m	1500m					
Race Time	3:04.16	3:19.79	3:34.81	3:50.30	4:05.73					
100m	15.40	15.63	15.02	15.49	15.43					
400m		1:02.56								

4168	Ennaoui, Sofia (POL)	Posn. 6
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	100m	200m	300m	400m	500m	600m	700m	800m	900m	1000m
Race Time	16.05	33.22	50.61	1:08.23	1:25.65	1:43.70	2:01.16	2:17.44	2:32.94	2:49.15
100m	16.05	17.17	17.39	17.62	17.42	18.05	17.46	16.28	15.50	16.21
400m				1:08.23				1:09.21		
	1100m	1200m	1300m	1400m	1500m					
Race Time	3:04.71	3:20.25	3:35.26	3:50.84	4:05.80					
100m	15.56	15.54	15.01	15.58	14.96					
400m		1:02.81								

4074	Chebet, Winny (KEN)	Posn. 7
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	100m	200m	300m	400m	500m	600m	700m	800m	900m	1000m
Race Time	15.39	32.49	49.85	1:07.41	1:24.95	1:42.97	2:00.55	2:16.33	2:32.08	2:48.38
100m	15.39	17.10	17.36	17.56	17.54	18.02	17.58	15.78	15.75	16.30
400m				1:07.41				1:08.92		
	1100m	1200m	1300m	1400m	1500m					
Race Time	3:03.96	3:19.44	3:34.38	3:50.29	4:06.29					
100m	15.58	15.48	14.94	15.91	16.00					
400m		1:03.11								

3940	Klosterhalfen, Konstanze (GER)	Posn. 8
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	100m	200m	300m	400m	500m	600m	700m	800m	900m	1000m
Race Time	15.87	32.87	49.91	1:07.55	1:24.98	1:43.10	2:00.42	2:15.34	2:30.05	2:45.37
100m	15.87	17.00	17.04	17.64	17.43	18.12	17.32	14.92	14.71	15.32
400m				1:07.55				1:07.79		
	1100m	1200m	1300m	1400m	1500m					
Race Time	3:01.05	3:16.99	3:33.06	3:49.57	4:06.58					
100m	15.68	15.94	16.07	16.51	17.01					
400m		1:01.65								

3899	McDonald, Sarah (GBR)	Posn. 9
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	100m	200m	300m	400m	500m	600m	700m	800m	900m	1000m
Race Time	16.06	33.09	50.44	1:08.08	1:25.52	1:43.55	2:01.00	2:17.69	2:33.47	2:49.46
100m	16.06	17.03	17.35	17.64	17.44	18.03	17.45	16.69	15.78	15.99
400m				1:08.08				1:09.61		
	1100m	1200m	1300m	1400m	1500m					
Race Time	3:05.16	3:20.79	3:36.15	3:51.39	4:06.73					
100m	15.70	15.63	15.36	15.24	15.34					
400m		1:03.10								

4377	Vaughn, Sara (USA)	Posn. 10
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	100m	200m	300m	400m	500m	600m	700m	800m	900m	1000m
Race Time	15.74	33.09	50.34	1:07.92	1:25.43	1:43.46	2:00.91	2:17.47	2:33.06	2:48.89
100m	15.74	17.35	17.25	17.58	17.51	18.03	17.45	16.56	15.59	15.83
400m				1:07.92				1:09.55		
	1100m	1200m	1300m	1400m	1500m					
Race Time	3:04.47	3:19.92	3:35.47	3:51.15	4:06.83					
100m	15.58	15.45	15.55	15.68	15.68					
400m		1:02.45								

3847		Sado, Besu (ETH)									Posn. 11
		100m	200m	300m	400m	500m	600m	700m	800m	900m	1000m
Race Time		15.79	32.94	50.39	1:07.99	1:25.22	1:43.27	2:00.63	2:16.78	2:32.30	2:48.51
100m		15.79	17.15	17.45	17.60	17.23	18.05	17.36	16.15	15.52	16.21
400m					1:07.99				1:08.79		
		1100m	1200m	1300m	1400m	1500m					
Race Time		3:03.74	3:19.66	3:35.39	3:51.49	4:07.65					
100m		15.23	15.92	15.73	16.10	16.16					
400m			1:02.88								

3742		Stafford, Gabriela (CAN)									Posn. 12
		100m	200m	300m	400m	500m	600m	700m	800m	900m	1000m
Race Time		15.62	32.68	50.06	1:07.65	1:25.25	1:43.23	2:00.77	2:17.38	2:33.33	2:49.32
100m		15.62	17.06	17.38	17.59	17.60	17.98	17.54	16.61	15.95	15.99
400m					1:07.65				1:09.73		
		1100m	1200m	1300m	1400m	1500m					
Race Time		3:05.22	3:21.29	3:37.29	3:52.96	4:08.51					
100m		15.90	16.07	16.00	15.67	15.55					
400m			1:03.91								

Final

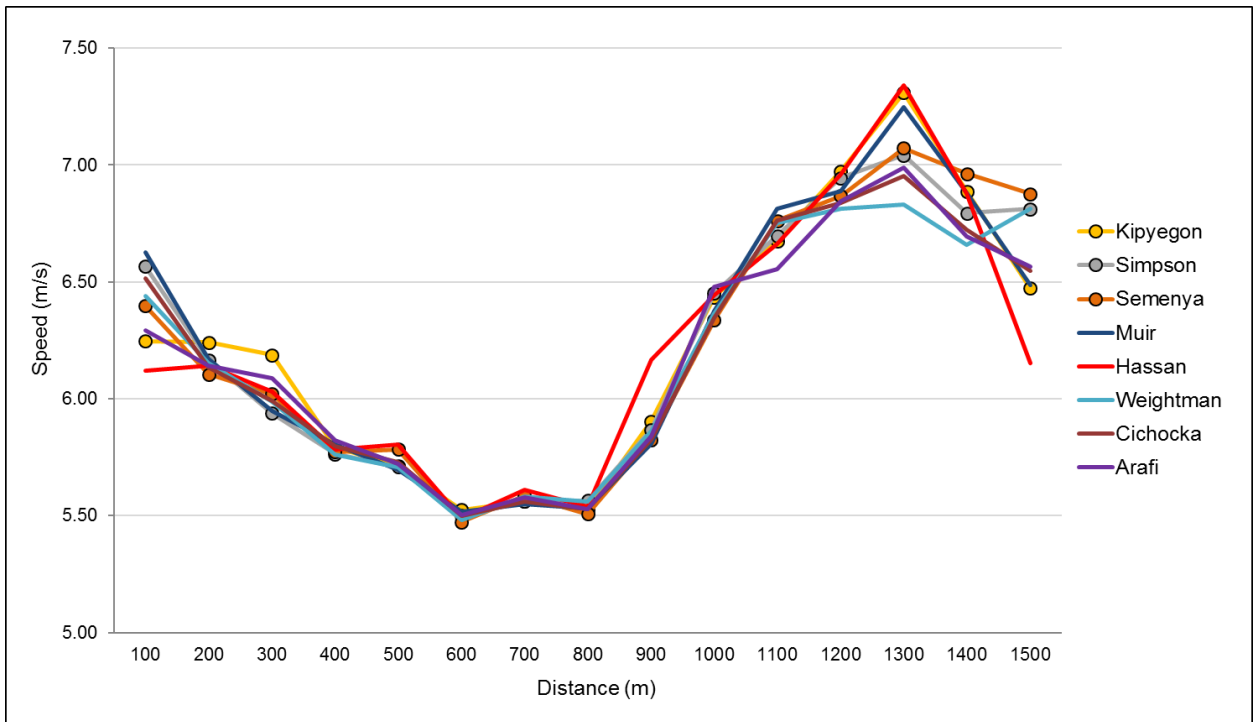


Figure 11. The mean speeds for each 100 m segment for each athlete in the Final.

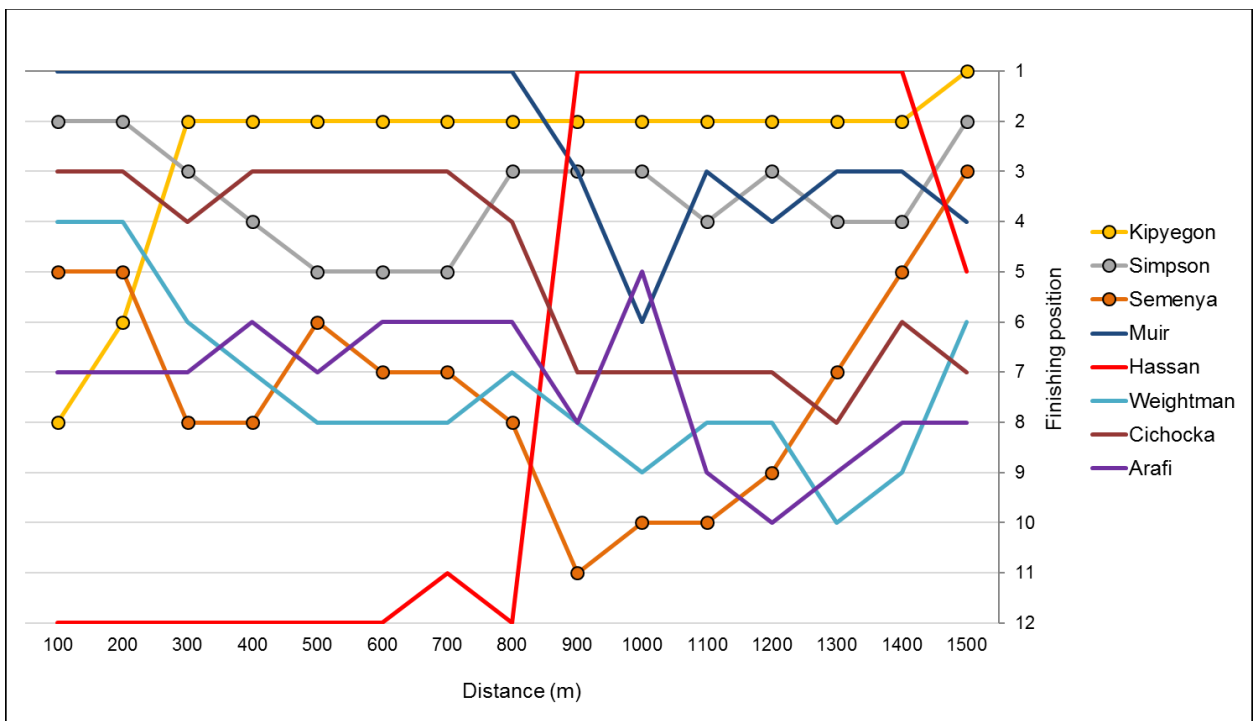


Figure 12. The position of the top eight athletes after each 100 m segment in the Final.

4082	Kipyegon, Faith Chepngetich (KEN)	Posn. 1
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	100m	200m	300m	400m	500m	600m	700m	800m	900m	1000m
Race Time	16.01	32.03	48.19	1:05.45	1:22.96	1:41.06	1:59.04	2:17.14	2:34.08	2:49.62
100m	16.01	16.02	16.16	17.26	17.51	18.10	17.98	18.10	16.94	15.54
400m				1:05.45				1:11.69		
	1100m	1200m	1300m	1400m	1500m					
Race Time	3:04.60	3:18.94	3:32.62	3:47.14	4:02.59					
100m	14.98	14.34	13.68	14.52	15.45					
400m		1:01.80								

4370	Simpson, Jennifer (USA)	Posn. 2
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	100m	200m	300m	400m	500m	600m	700m	800m	900m	1000m
Race Time	15.23	31.45	48.29	1:05.64	1:23.16	1:41.34	1:59.32	2:17.29	2:34.33	2:49.83
100m	15.23	16.22	16.84	17.35	17.52	18.18	17.98	17.97	17.04	15.50
400m				1:05.64				1:11.65		
	1100m	1200m	1300m	1400m	1500m					
Race Time	3:04.76	3:19.16	3:33.36	3:48.08	4:02.76					
100m	14.93	14.40	14.20	14.72	14.68					
400m		1:01.87								

4209	Semenya, Caster (RSA)	Posn. 3
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	100m	200m	300m	400m	500m	600m	700m	800m	900m	1000m
Race Time	15.63	32.01	48.62	1:05.94	1:23.23	1:41.50	1:59.40	2:17.56	2:34.73	2:50.51
100m	15.63	16.38	16.61	17.32	17.29	18.27	17.90	18.16	17.17	15.78
400m				1:05.94				1:11.62		
	1100m	1200m	1300m	1400m	1500m					
Race Time	3:05.30	3:19.86	3:34.00	3:48.36	4:02.90					
100m	14.79	14.56	14.14	14.36	14.54					
400m		1:02.30								

3900	Muir, Laura (GBR)	Posn. 4
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	100m	200m	300m	400m	500m	600m	700m	800m	900m	1000m
Race Time	15.09	31.30	48.11	1:05.34	1:22.89	1:41.01	1:59.03	2:17.11	2:34.33	2:50.02
100m	15.09	16.21	16.81	17.23	17.55	18.12	18.02	18.08	17.22	15.69
400m				1:05.34				1:11.77		
	1100m	1200m	1300m	1400m	1500m					
Race Time	3:04.70	3:19.22	3:33.02	3:47.55	4:02.97					
100m	14.68	14.52	13.80	14.53	15.42					
400m		1:02.11								

4127	Hassan, Sifan (NED)	Posn. 5
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	100m	200m	300m	400m	500m	600m	700m	800m	900m	1000m
Race Time	16.34	32.62	49.20	1:06.49	1:23.72	1:41.94	1:59.76	2:17.81	2:34.03	2:49.55
100m	16.34	16.28	16.58	17.29	17.23	18.22	17.82	18.05	16.22	15.52
400m				1:06.49				1:11.32		
	1100m	1200m	1300m	1400m	1500m					
Race Time	3:04.56	3:18.93	3:32.55	3:47.09	4:03.34					
100m	15.01	14.37	13.62	14.54	16.25					
400m		1:01.12								

3920	Weightman, Laura (GBR)	Posn. 6
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	100m	200m	300m	400m	500m	600m	700m	800m	900m	1000m
Race Time	15.53	31.78	48.48	1:05.84	1:23.36	1:41.61	1:59.53	2:17.51	2:34.57	2:50.28
100m	15.53	16.25	16.70	17.36	17.52	18.25	17.92	17.98	17.06	15.71
400m				1:05.84				1:11.67		
	1100m	1200m	1300m	1400m	1500m					
Race Time	3:05.09	3:19.77	3:34.41	3:49.43	4:04.11					
100m	14.81	14.68	14.64	15.02	14.68					
400m		1:02.26								

4166	Cichocka, Angelika (POL)	Posn. 7
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	100m	200m	300m	400m	500m	600m	700m	800m	900m	1000m
Race Time	15.35	31.65	48.34	1:05.59	1:23.05	1:41.23	1:59.22	2:17.31	2:34.47	2:50.23
100m	15.35	16.30	16.69	17.25	17.46	18.18	17.99	18.09	17.16	15.76
400m				1:05.59				1:11.72		
	1100m	1200m	1300m	1400m	1500m					
Race Time	3:05.02	3:19.64	3:34.02	3:48.89	4:04.16					
100m	14.79	14.62	14.38	14.87	15.27					
400m		1:02.33								

4108	Arafi, Rababe (MAR)	Posn. 8
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	100m	200m	300m	400m	500m	600m	700m	800m	900m	1000m
Race Time	15.89	32.17	48.60	1:05.78	1:23.26	1:41.43	1:59.36	2:17.45	2:34.57	2:50.38
100m	15.89	16.28	16.43	17.18	17.48	18.17	17.93	18.09	17.12	15.43
400m				1:05.78				1:11.67		
	1100m	1200m	1300m	1400m	1500m					
Race Time	3:05.26	3:19.87	3:34.18	3:49.12	4:04.35					
100m	15.26	14.61	14.31	14.94	15.23					
400m		1:02.42								

4241	Bahta, Meraf (SWE)	Posn. 9
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	100m	200m	300m	400m	500m	600m	700m	800m	900m	1000m
Race Time	16.19	32.28	48.37	1:05.64	1:23.07	1:41.29	1:59.24	2:17.38	2:34.33	2:50.27
100m	16.19	16.09	16.09	17.27	17.43	18.22	17.95	18.14	16.95	15.94
400m				1:05.64				1:11.74		
	1100m	1200m	1300m	1400m	1500m					
Race Time	3:04.86	3:19.51	3:33.74	3:48.91	4:04.76					
100m	14.59	14.65	14.23	15.17	15.85					
400m		1:02.13								

4107	Akkaoui, Malika (MAR)	Posn. 10
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	100m	200m	300m	400m	500m	600m	700m	800m	900m	1000m
Race Time	15.80	32.20	48.82	1:06.12	1:23.47	1:41.68	1:59.57	2:17.59	2:34.67	2:50.57
100m	15.80	16.40	16.62	17.30	17.35	18.21	17.89	18.02	17.08	15.90
400m				1:06.12				1:11.47		
	1100m	1200m	1300m	1400m	1500m					
Race Time	3:05.57	3:20.28	3:34.73	3:49.88	4:05.87					
100m	15.00	14.71	14.45	15.15	15.99					
400m		1:02.69								

3939	Klein, Hanna (GER)									Posn. 11
	100m	200m	300m	400m	500m	600m	700m	800m	900m	1000m
Race Time	16.04	32.44	49.05	1:06.28	1:23.53	1:41.87	1:59.80	2:17.76	2:34.78	2:50.60
100m	16.04	16.40	16.61	17.23	17.25	18.34	17.93	17.96	17.02	15.82
400m				1:06.28				1:11.48		
	1100m	1200m	1300m	1400m	1500m					
Race Time	3:05.78	3:20.59	3:35.36	3:50.69	4:06.22					
100m	15.40	14.59	14.77	15.33	15.53					
400m		1:02.83								

3841	Dibaba, Genzebe (ETH)									Posn. 12
	100m	200m	300m	400m	500m	600m	700m	800m	900m	1000m
Race Time	16.12	32.37	48.76	1:06.14	1:23.49	1:41.74	1:59.62	2:17.71	2:34.45	2:49.99
100m	16.12	16.25	16.39	17.38	17.35	18.25	17.88	18.09	16.74	15.54
400m				1:06.14				1:11.57		
	1100m	1200m	1300m	1400m	1500m					
Race Time	3:04.84	3:19.38	3:33.81	3:49.73	4:06.72					
100m	14.85	14.54	14.43	15.92	16.99					
400m		1:01.67								

COACH'S COMMENTARY

The 2017 IAAF women's 1500 m event was wide open for the taking and was probably the best women's 1500 m field ever assembled. This field featured the world record holder, multiple World Champions (indoors and outdoors), and the Olympic Champion. In short, this was a talent-loaded event with many potential predicted winners, which preordained it to be one of the most interesting middle distance events of the championships.

This race did go to a typical championship style U-shape pacing form^{1,2}, with a faster opening by Laura Muir, a slower middle section and a furious sprint that can start anywhere from 800 m to 300 m from home. As is typical of championship racing, the entire field was all still in it to win at the 1200 m mark of the race with only a 2.05 s spread from 1st to 12th place. Accordingly, the largest variability in middle to long-distance races tends to be over the last 25% of the race distance^{1,2}, where the successful athletes have potentially superior aerobic physiology as well as the technical abilities to smoothly shift paces and limit deceleration, in so much that they have experienced less physiological disturbances throughout the race and are better able to tap into their anaerobic reserves and speed to pull away and win³.

Immediately after the slowing pace into the 800 m mark, the top ranked 1500 m athlete in the world, Sifan Hassan of the Netherlands, made her move and literally went from last to leading in ~ 50 m (a change in 200 m split time from 600 to 800 m of 35.87 to 31.74 s, or a % change in pace of +11.5%). This aggressive surge (mid-race 600 m of 1:29.28; 2.4% faster than WR pace!) most certainly caused significant utilisation of the finite anaerobic energy and probably came at a cost. Hassan ended up having the slowest last 400 m of the top 5 finishers to end up 5th overall (Hassan's last 400 m was 58.78 vs. the fastest closer Caster Semenya at 57.60 s). Nevertheless, there is little doubt that Hassan has all the physiological tools to be one of the best in the world (impressive range with an 800 m PB of 1:56.81 and a 5000 m PB of 14:41.24). However, tactically from this race she has certainly learned the bioenergetic cost of a sudden mid-race burst in a world-class field^{3,4}; fortunately, this is something that is easily 'fixable' so watch for her in coming years.

The 2016 Olympic Champion Faith Kipyegon of Kenya showed great poise to take the win in 4:02.59, as she was tactically brilliant throughout (she was never out of the top two after the opening 300 m) and she ran nearly the entire race on the rail (shortest distance). Kipyegon's tactical positioning is supported by recent research showing the probability of finishing in an automatic qualification position in the 1500 m events from the 2012 Olympics. Unquestionably, an athlete's tactical positioning in the field significantly increases their chance of qualifying, in that there is a 70 to 80% probability of automatically qualifying when in the top 5 at the 1200 m mark⁵. Silver medalist Jenny Simpson (USA) has also proven over the years to be an excellent tactician,

as she has now won medals in four global championship 1500 m competitions since 2011, despite only averaging an incoming championship ranking of ~9th in the world.

South Africa's Semenya stormed home for the bronze in 4:02.90 (fastest last 100 m in 14.54 s). But the bigger story might be that once she has more tactical experience in the 1500 m the world will need to watch out, as she literally ran the entire race in the outside of lane 1 and mainly in lane 2. As a 400 m track features two corners, completing one lap is $2\pi r$ (lane width = 1.22 m) plus the length of the straights, or an extra 7.67 m per lap if an athlete runs on the inside of lane 2 rather than on the rail in lane 1. This extra distance in lane 2 can accumulate quickly, and is probably tactically underappreciated by many^{3,4}, especially as race pace is close to the athlete's PB pace. Indeed, video analysis of Semenya's 1500 m indicated she ran an extra ~25 to 27 m, which given her 1500 m time of 4:02.90, would translate to a 3:58 to 4:00 clocking if she ran the same speed on the rail (which is ~2 to 4 s faster than the winner).

Acknowledgements

I would like to thank Prof. Andrew Jones (University of Exeter) and PhD candidate Gareth Sandford (Auckland University of Technology) for their editing and constructive feedback on this analysis.

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