

							%	PB
								448
	, 2007 (17)							1
100m		3.	55.25	610	55.80		102%	
50m		4.	27.15	551	27.00		99%	
	, 2012 (12)							-
100m		23.	1:14.03	340	1:14.00		100%	
	, 2009 (15)							2
100m		25.	1:04.79	378	1:05.00		101%	
50m		25.	33.79	286	34.00		101%	
	, 2011 (13)							-
50m		27.	44.18	151	43.00		95%	
100m		12.	1:31.33	241	1:30.00		97%	
	, 2006 (18)							-
100m		8.	1:12.58	481	1:10.00		93%	
200m		5.	2:20.35	535	2:18.00		97%	
	, 2011 (13)							-
50m		11.	34.24	275	33.00		93%	
200m		3.	2:47.65	285	2:45.00		97%	
	, 2010 (14)							2
50m		32.	37.29	213	38.00		104%	
200m		23.	3:00.71	251	3:10.00		111%	
	, 2010 (14)							1
100m		24.	1:04.16	389	1:05.00		103%	
	, 2012 (12)							-
100m		34.	1:17.01	225	1:12.00		87%	
50m		20.	40.80	192	36.00		78%	
	, 2013 (11)							-
100m		56.	1:29.23	144	1:25.00		91%	
50m		36.	48.28	98	39.00		65%	
	, 2014 (10)							1
100m		1.	1:38.17	278	1:40.58		105%	
50m		12.	48.08	131	47.57		98%	
	, 2008 (16)							-
100m		49.	1:02.95	412	58.70		87%	
	, 2014 (10)							1
200m		4.	3:17.78	259	3:29.00		112%	
	, 2013 (11)							-
100m		40.	2:14.94	107	2:10.00		93%	
200m		33.	4:19.77	114	4:17.00		98%	
	, 2008 (16)							-
100m		46.	1:01.92	433	1:00.01		94%	
200m		10.	2:31.90	422	2:30.00		98%	
	, 2008 (16)							-
100m		6.	1:11.56	502	1:10.30		97%	
	, 2012 (12)							1
100m		36.	1:17.78	218	1:18.12		101%	
	, 2013 (11)							-
50m		27.	41.51	203	40.00		93%	
200m		25.	3:19.49	252	3:13.25		94%	
	, 2008 (16)							-
100m		58.	1:15.94	234	1:13.00		92%	
	, 2008 (16)							-
100m		26.	57.21	549	57.00		99%	
	, 2014 (10)							1
100m		4.	1:42.11	247	2:02.69		144%	



100m	, 2011 (13) ,	26.	1:39.79	265	1:35.00	91%	-
200m		19.	3:09.22	296	3:07.00	98%	-
100m	, 2011 (13) ,	40.	1:19.94	270	1:19.80	100%	-
50m		29.	41.39	273	40.70	97%	-
100m	, 2009 (15) ,	15.	1:08.16	436	1:10.00	105%	1
100m		8.	1:29.66	365	1:28.00	96%	-
100m	- , 2005 (19) ,	5.	1:02.40	423	1:02.43	100%	1
50m	, 2014 (10) ,	21.	55.22	115	1:00.00	118%	1
100m	, 2010 (14) ,	18.	1:13.43	349	1:12.30	97%	-
50m		8.	37.59	364	35.30	88%	-
100m	, 2007 (17) ,	16.	56.54	569	56.00	98%	1
50m		16.	28.40	482	29.80	110%	-
200m	, 2012 (12) ,	4.	2:40.29	340	2:43.00	103%	1
100m		14.	1:32.29	234	1:29.50	94%	-
100m	, 2008 (16) ,	56.	1:10.71	291	1:20.00	128%	2
100m		18.	1:33.14	227	1:37.00	108%	-
100m	, 2008 (16) ,	4.	55.50	601	55.28	99%	-
100m	, 2010 (14) ,	6.	1:04.39	517	1:03.30	97%	-
100m	, 2007 (17) ,	14.	56.49	570	57.05	102%	2
100m		3.	1:10.40	527	1:11.00	102%	-
50m	, 2013 (11) ,	34.	42.55	251	41.00	93%	-
200m		26.	3:24.79	233	3:20.00	95%	-
100m	, 2009 (15) ,	52.	1:14.19	251	1:13.50	98%	1
50m		36.	38.91	187	39.50	103%	-
100m	, 2014 (10) ,	28.	1:34.40	164	1:33.00	97%	1
50m		16.	54.16	91	55.00	103%	-
100m	, 2006 (18) ,	28.	57.51	540	56.80	98%	-
50m		20.	29.33	437	28.50	94%	-
50m	, 2015 (9) ,	14.	45.79	136	50.59	122%	2
200m		12.	3:30.95	157	3:40.00	109%	-
50m	, 2011 (13) ,	2.	33.34	522	34.67	108%	1
100m		2.	1:19.60	522	1:18.80	98%	-
50m	, 2012 (12) ,	10.	33.84	285	34.66	105%	1
100m	, 2007 (17) ,	24.	57.03	554	56.90	100%	-
100m	, 2008 (16) ,	WDR		-	1:12.00	-	-
100m	, 2010 (14) ,	51.	1:13.93	254	1:11.12	93%	-
100m	, 2007 (17) ,	6.	1:26.00	414	1:22.00	91%	1
200m		3.	2:31.69	574	2:32.00	100%	-



	, 2011 (13),								2
50m		9.	36.77	389	37.00			101%	
100m		14.	1:30.67	353	1:20.00			78%	
50m		1.	31.02	488	30.00			94%	
200m		1.	2:44.12	408	2:50.00			107%	
	, 2012 (12),								-
100m		4.	1:22.79	464	1:20.00			93%	
200m		4.	2:41.39	477	2:39.00			97%	
	, 2009 (15),								-
100m		8.	59.26	494	58.70			98%	
	, 2012 (12),								-
100m		30.	1:15.90	235	1:12.50			91%	1
	, 2010 (14),								
100m		9.	1:32.28	335	1:28.00			91%	
200m		11.	3:00.05	343	3:03.00			103%	
	, 2012 (12),								-
50m		10.	35.77	285	35.00			96%	
200m		9.	2:51.48	293	2:50.00			98%	
	, 2011 (13),								-
100m		46.	1:21.68	188	1:20.04			96%	
50m		24.	43.51	158	37.04			72%	
	, 2012 (12),								2
50m		19.	36.69	223	38.18			108%	
200m		18.	3:08.01	222	3:09.96			102%	
	, 2012 (12),								2
100m		10.	1:08.30	322	1:09.02			102%	
200m		7.	2:48.79	308	2:50.02			101%	
	, 2013 (11),								-
100m		44.	1:21.12	192	1:18.00			92%	
50m		23.	42.76	167	41.00			92%	
	, 2007 (17),								-
200m		11.	3:02.79	328	2:55.00			92%	
	, 2014 (10),								1
100m		23.	1:31.03	183	1:35.06			109%	
100m		20.	1:59.49	154	1:55.47			93%	
	, 2011 (13),								-
100m		5.	1:03.68	398	1:03.25			99%	
200m		4.	2:39.47	365	2:36.30			96%	
	, 2012 (12),								-
100m		54.	1:39.96	138	1:33.00			87%	
50m		41.	49.80	156	47.00			89%	
	, 2009 (15),								-
50m		2.	27.23	547	26.90			98%	
	, 2010 (14),								-
200m		8.	2:38.90	349	2:36.00			96%	
	, 2000 (24),								2
100m		4.	1:13.18	352	1:18.00			114%	
100m		3.	1:36.12	296	1:40.00			108%	
	, 2006 (18),								-
100m		1.	53.57	669	52.90			98%	
50m		1.	25.74	647	25.10			95%	
	, 2008 (16),								-
50m		4.	30.27	470	28.70			90%	
200m		5.	2:20.18	508	2:19.60			99%	
	, 2012 (12),								-
50m		13.	34.76	262	33.80			95%	
200m		5.	2:56.08	246	2:55.00			99%	
	, 2014 (10),								1
100m		10.	1:20.86	261	1:21.00			100%	
200m		4.	3:11.92	264	3:10.00			98%	
100m		5.	1:43.69	236	1:42.00			97%	



	, 2013 (11),								
50m		26.	39.74	175	38.00		91%	-	
200m		20.	3:12.29	208	3:07.00		95%		
	, 2015 (9),								1
100m		13.	1:58.97	109	1:50.00		85%		
200m		13.	3:34.89	149	3:50.00		115%		
	, 2014 (10),								-
100m		25.	1:30.77	137	1:30.00		98%		
50m		16.	46.71	128	46.00		97%		
100m		15.	2:04.83	94	1:50.00		78%		
	, 2008 (16),								-
50m		22.	29.62	425	28.40		92%		
	, 2013 (11),								1
100m		40.	1:20.17	199	1:24.50		111%		
	, 2013 (11),								-
100m		57.	2:12.66	59	1:43.15		60%		
50m		45.	56.82	105	47.68		70%		
	, 2008 (16),								1
100m		15.	1:19.42	367	1:14.00		87%		
200m		8.	2:24.62	489	2:25.00		101%		
	, 2011 (13),								2
50m		2.	31.90	340	32.44		103%		
200m		1.	2:35.43	394	2:35.73		100%		
	, 2006 (18),								-
50m		9.	31.62	413	30.60		94%		
200m		7.	2:25.79	452	2:19.00		91%		
	, 2012 (12),								1
50m		46.	56.89	105	57.24		101%		
	, 2009 (15),								-
100m		9.	1:05.46	492	1:05.40		100%		
50m		3.	35.43	435	34.90		97%		
	, 2011 (13),								2
50m		6.	35.33	439	36.00		104%		
200m		4.	2:45.20	414	2:55.00		112%		
	, 1990 (34),								2
100m		6.	1:19.88	361	1:22.00		105%		
50m		4.	34.80	262	37.00		113%		
	, 2009 (15),								-
100m		32.	1:07.24	338	1:07.00		99%		
200m		22.	2:54.52	278	2:45.00		89%		
	, 2009 (15),								1
50m		27.	34.52	268	33.30		93%		
200m		20.	2:51.55	293	2:56.00		105%		
	, 2013 (11),								1
50m		15.	38.68	334	37.00		92%		
200m		13.	3:00.58	317	2:50.00		89%		
50m		19.	36.47	300	37.00		103%		
	, 2006 (18),								-
100m		19.	56.72	563	55.30		95%		
	, 2011 (13),								-
100m		29.	1:15.79	236	1:15.00		98%		
100m		13.	1:31.73	238	1:30.00		96%		
	, 2014 (10),								1
50m		19.	47.27	123	50.00		112%		
	, 2011 (13),								1
100m		17.	1:12.66	268	1:18.00		115%		
50m		9.	35.75	285	33.00		85%		
	, 2015 (9),								-
100m		36.	1:38.93	106	1:30.00		83%		
50m		29.	51.12	97	45.00		77%		



100m	, 2010 (14) ,	7.	59.10	498	1:00.55	105%	1
50m		19.	31.26	361	30.00	92%	
100m	, 2013 (11) ,	58.	1:29.93	141	1:30.00	100%	1
50m		32.	47.30	123	47.00	99%	
100m		32.	1:54.70	121	1:50.00	92%	
50m	, 2014 (10) ,	14.	46.87	107	45.73	95%	1
200m		15.	3:37.79	143	3:42.10	104%	
100m	, 2014 (10) ,	34.	1:46.10	115	1:35.00	80%	1
50m		20.	57.88	75	1:00.00	107%	
100m	, 2014 (10) ,	32.	1:33.19	127	1:30.50	94%	-
50m		15.	47.86	100	47.35	98%	
50m	, 2015 (9) ,	23.	55.83	111	1:07.00	144%	1
100m	, 2008 (16) ,	53.	1:04.57	382	1:07.62	110%	1
100m	, 2014 (10) ,	35.	1:38.12	108	1:40.00	104%	2
100m		13.	1:58.97	109	2:00.00	102%	
50m	, 2015 (9) ,	12.	43.90	154	42.00	92%	1
200m		4.	3:16.76	184	3:28.00	112%	
100m	, 2008 (16) ,	16.	1:07.84	442	1:09.17	104%	1
50m		8.	32.05	442	31.89	99%	
50m	, 2014 (10) ,	2.	40.51	196	39.50	95%	1
200m		4.	3:09.09	219	3:10.00	101%	
50m	, 2010 (14) ,	1.	30.76	500	30.58	99%	1
200m		1.	2:31.04	582	2:31.28	100%	
200m	, 2015 (9) ,	8.	3:26.07	160	3:31.65	105%	2
50m		16.	47.97	100	52.00	118%	
100m	, 2014 (10) ,	4.	1:15.78	317	1:17.00	103%	1
50m		1.	38.45	340	38.00	98%	
200m		1.	3:02.17	331	3:00.00	98%	
100m	, 2007 (17) ,	13.	1:06.24	475	1:05.00	96%	-
50m		1.	30.06	536	29.59	97%	
50m	, 2009 (15) ,	2.	29.87	490	29.00	94%	-
50m		3.	27.93	506	27.50	97%	
50m	, 2012 (12) ,	28.	40.83	284	39.08	92%	-
200m		17.	3:10.57	269	3:04.23	93%	
100m	, 2007 (17) ,	7.	55.90	589	54.50	95%	-
200m		4.	2:19.92	511	2:17.00	96%	
50m	, 2011 (13) ,	7.	36.55	396	38.00	108%	2
200m		5.	2:46.27	406	3:15.00	138%	
100m	, 2011 (13) ,	55.	1:41.98	130	1:32.00	81%	1
50m		39.	47.58	179	50.00	110%	



100m	, 2014 (10),	32.	1:42.97	126	1:51.00	116%	2
200m		10.	3:59.43	136	4:36.00	133%	
50m	, 2014 (10),	33.	55.33	77	52.50	90%	-
50m	, 2014 (10),	36.	58.22	66	55.00	89%	-
50m	, 2002 (22),	1.	25.94	632	26.50	104%	1
50m	, 2015 (9),	10.	46.95	187	49.01	109%	2
200m		15.	3:53.87	156	4:40.02	143%	
50m	, 2015 (9),	27.	57.90	99	55.00	90%	-
100m	, 2009 (15),	35.	1:07.88	328	1:07.00	97%	-
50m		28.	35.03	256	33.00	89%	-
100m	, 2009 (15),	8.	1:15.28	431	1:14.00	97%	-
100m	, 2012 (12),	39.	1:19.73	272	1:16.00	91%	1
50m		28.	42.02	196	42.69	103%	
200m	, 2014 (10),	8.	3:25.65	214	3:53.10	128%	1
50m		11.	47.04	140	46.73	99%	
100m	, 2010 (14),	WDR		-	1:11.00	-	-
100m	, 2011 (13),	24.	1:14.40	249	1:15.00	102%	1
50m		25.	39.62	177	37.00	87%	
100m	, 2010 (14),	53.	1:14.25	251	1:12.50	95%	1
200m		12.	3:23.59	166	3:28.00	104%	
50m	, 2013 (11),	19.	40.42	197	39.10	94%	-
100m	, 2008 (16),	15.	1:06.80	463	1:06.00	98%	1
200m		1.	2:54.50	340	2:56.00	102%	
50m	, 2012 (12),	14.	38.25	346	37.00	94%	1
200m		10.	2:51.50	370	2:55.00	104%	
100m	, 2008 (16),	22.	56.90	558	56.00	97%	-
200m	, 2009 (15),	1.	2:17.27	572	2:18.31	102%	1
100m	, 2011 (13),	6.	1:07.22	455	1:07.02	99%	-
200m		7.	2:47.72	395	2:40.10	91%	
200m		9.	2:49.43	412	2:45.05	95%	
100m	, 2011 (13),	7.	1:06.05	357	1:03.50	92%	-
50m		4.	32.73	315	32.50	99%	
100m	, 2014 (10),	22.	1:30.83	184	1:30.00	98%	1
200m		11.	3:40.85	186	3:55.00	113%	
50m	, 2008 (16),	10.	38.06	236	43.68	132%	1
100m		19.	1:40.36	182	1:30.33	81%	
100m	, 2011 (13),	16.	1:31.64	342	1:25.00	86%	-
50m		14.	35.09	337	33.50	91%	
200m		10.	2:50.96	401	2:49.11	98%	



	, 2010 (14) ,									
100m		19.	1:13.64	346	1:12.51		97%		-	
50m		7.	37.49	367	37.35		99%			
	, 2010 (14) ,								1	
100m		22.	1:04.01	392	1:01.00		91%			
50m		18.	31.23	362	32.00		105%			
	, 2011 (13) ,								2	
100m		6.	1:03.75	397	1:04.00		101%			
50m		1.	31.60	350	33.00		109%			
	, 2008 (16) ,								1	
50m		5.	31.32	474	31.40		101%			
200m		8.	2:42.49	467	2:42.20		100%			
	, 2013 (11) ,								1	
100m		21.	1:13.92	342	1:14.30		101%			
50m		20.	36.87	290	36.00		95%			
	, 2009 (15) ,								-	
100m		56.	1:22.40	183	1:15.00		83%			
50m		14.	43.74	156	34.00		60%			
	, 2013 (11) ,								1	
100m		32.	1:16.91	226	1:24.00		119%			
100m		18.	1:35.26	212	1:34.00		97%			
200m		25.	3:16.84	194	3:14.00		97%			
	, 2014 (10) ,								-	
100m		16.	1:25.49	164	1:23.00		94%			
100m		10.	1:54.23	123	1:43.00		81%			
	, 2014 (10) ,								1	
100m		11.	1:55.71	118	1:46.00		84%			
200m		14.	3:35.11	148	3:45.00		109%			
	, 2014 (10) ,								-	
100m		38.	2:08.23	65	1:55.00		80%			
	, 2010 (14) ,								-	
100m		9.	1:15.51	427	1:14.00		96%			
200m		10.	2:30.70	432	2:30.00		99%			
	, 2015 (9) ,								2	
100m		37.	1:56.99	86	1:55.00		97%			
50m		26.	56.64	106	58.00		105%			
100m		26.	2:09.90	120	2:18.00		113%			
50m		25.	1:09.28	43	54.00		61%			
	, 2013 (11) ,								-	
100m		13.	1:29.46	368	1:25.00		90%			
	, 2007 (17) ,								-	
100m		50.	1:03.04	410	58.07		85%			
100m		17.	1:24.62	303	1:20.00		89%			
	, 2009 (15) ,								-	
100m		13.	1:00.91	455	1:00.00		97%			
200m		14.	2:38.50	372	2:33.00		93%			
	, 2007 (17) ,								-	
100m		57.	1:13.77	256	1:06.00		80%			
200m		12.	3:01.03	249	2:40.00		78%			
	, 2012 (12) ,								-	
100m		45.	1:21.75	253	1:20.81		98%			
100m		38.	1:55.04	173	1:27.15		57%			
	, 2005 (19) ,								-	
100m		3.	58.28	519	56.80		95%			
100m		3.	1:11.27	508	1:10.20		97%			
	, 2011 (13) ,								-	
100m		17.	1:11.82	373	1:10.00		95%			
200m		18.	3:08.50	299	3:06.00		97%			
	, 2005 (19) ,								2	
100m		5.	1:14.58	333	1:20.00		115%			
50m		1.	36.52	299	39.00		114%			



100m	, 2007 (17),	39.	58.85	504	59.25	101%	1
100m	, 2014 (10),	29.	1:36.26	155	1:32.25	92%	-
100m		17.	1:56.06	168	1:44.30	81%	-
50m	, 2010 (14),	16.	36.98	288	43.75	140%	1
200m	, 2011 (13),	9.	2:51.08	372	2:40.00	87%	-
100m	, 2010 (14),	26.	1:04.94	375	1:04.50	99%	-
200m		18.	2:45.06	329	2:40.00	94%	-
50m	, 2010 (14),	4.	35.66	427	34.00	91%	-
200m		1.	2:37.41	478	2:31.02	92%	-
50m	, 2007 (17),	2.	29.44	511	28.34	93%	-
100m	, 2014 (10),	13.	1:49.73	199	1:56.34	112%	2
200m		9.	3:29.16	219	3:46.67	117%	-
100m	, 2014 (10),	30.	1:32.81	128	1:30.00	94%	-
100m	, 2015 (9),	14.	1:21.29	257	1:20.00	97%	-
50m		17.	54.57	89	47.75	77%	-
200m		12.	3:43.90	178	3:20.00	80%	-
50m	, 2009 (15),	4.	30.79	447	30.50	98%	-
50m		14.	30.09	405	30.00	99%	-
200m	, 2009 (15),	5.	2:22.57	511	2:18.00	94%	-
50m	, 2011 (13),	12.	38.39	230	36.00	88%	-
200m		11.	2:54.68	263	2:50.00	95%	-
100m	, 2004 (20),	1.	1:21.45	488	1:20.00	96%	-
100m	, 2008 (16),	3.	1:02.51	566	1:02.00	98%	-
50m		11.	32.59	421	31.00	90%	-
50m	, 2013 (11),	10.	37.35	371	37.50	101%	2
200m		11.	2:53.99	354	2:58.00	105%	-
100m	, 2012 (12),	13.	1:10.22	297	1:06.00	88%	-
50m		16.	38.86	222	35.71	84%	-
100m	, 2015 (9),	18.	1:26.24	160	1:25.00	97%	-
50m		18.	48.75	95	45.41	87%	-
100m	, 2013 (11),	31.	1:16.14	313	1:18.00	105%	1
200m		18.	3:15.69	249	3:15.00	99%	-
100m	, 2014 (10),	26.	1:30.79	137	1:32.00	103%	2
100m		5.	1:44.22	162	1:50.00	111%	-
100m	, 2012 (12),	4.	1:06.37	472	1:06.00	99%	1
100m		10.	1:27.01	400	1:34.00	117%	-
100m	, 2014 (10),	29.	1:31.79	133	1:30.00	96%	-
50m		11.	43.75	155	43.00	97%	-



100m	, 2013 (11),	54.	1:28.35	149	1:35.00	116%	1
100m	, 2007 (17),	23.	56.96	556	56.16	97%	1
50m		7.	27.86	510	28.00	101%	-
50m	, 2014 (10),	12.	47.94	175	46.00	92%	-
100m	, 2008 (16),	22.	2:01.08	148	1:59.00	97%	1
100m	, 2006 (18),	30.	57.92	529	58.00	100%	-
100m		44.	1:00.75	458	59.00	94%	-
100m		13.	1:16.61	409	1:15.00	96%	-
100m	, 2013 (11),	48.	1:23.44	177	1:24.00	101%	1
100m		25.	1:46.56	152	1:44.00	95%	-
50m	, 2008 (16),	8.	27.89	509	28.70	106%	1
200m		3.	2:17.73	567	2:17.70	100%	-
50m	, 2014 (10),	6.	41.48	183	42.50	105%	2
100m		2.	1:40.44	181	1:35.00	89%	-
200m		3.	3:05.39	232	3:08.00	103%	-
50m	, 2015 (9),	21.	47.41	122	47.41	100%	-
50m		17.	48.48	96	45.89	90%	-
200m	, 2007 (17),	2.	2:16.23	531	2:13.00	95%	-
100m	, 2003 (21),	1.	1:07.32	603	1:06.00	96%	-
100m	, 2014 (10),	25.	2:05.31	134	1:45.00	70%	-
50m		13.	52.05	103	50.00	92%	-
50m	, 2014 (10),	26.	50.86	99	50.00	97%	-
50m		22.	59.02	53	50.00	72%	-
50m	, 2015 (9),	11.	47.32	182	46.96	98%	1
200m		10.	3:37.30	195	4:34.00	159%	-
50m	, 2013 (11),	47.	58.70	95	57.25	95%	-
50m	, 2008 (16),	18.	29.03	451	28.00	93%	-
200m		7.	2:21.52	522	2:19.50	97%	-
100m	, 2007 (17),	38.	58.79	506	58.50	99%	-
50m		19.	29.08	449	28.00	93%	-
100m	, 2012 (12),	25.	1:14.45	249	1:12.50	95%	-
50m		13.	38.40	230	36.50	90%	-
200m	, 2013 (11),	15.	3:06.86	286	3:05.00	98%	-
50m		23.	39.20	242	37.00	89%	-
100m	, 2011 (13),	26.	1:14.55	248	1:13.00	96%	1
50m		28.	41.07	159	40.33	96%	-
200m		19.	3:12.02	209	3:15.00	103%	-
100m	, 2012 (12),	26.	1:14.36	336	1:14.43	100%	1
50m		26.	40.46	292	38.00	88%	-



	, 2015 (9)									1
100m		39.	2:16.60	54	2:10.00		91%			
50m		28.	59.15	93	1:07.36		130%			
	, 2015 (9)									1
100m		39.	1:50.80	75	2:04.50		126%			
50m		31.	54.24	81	51.02		88%			
	, 2013 (11)									1
100m		52.	1:33.59	168	1:33.93		101%			
100m		39.	1:57.08	164	1:56.31		99%			
	, 2005 (19)									-
100m		1.	1:07.29	453	1:03.00		88%			
50m		1.	34.86	457	32.20		85%			
	, 2014 (10)									2
100m		21.	1:29.20	194	1:35.00		113%			
100m		16.	1:56.05	168	2:01.00		109%			
	, 2011 (13)									-
100m		2.	1:01.55	441	59.80		94%			
100m		9.	1:26.59	283	1:20.00		85%			
	, 2009 (15)									-
100m		17.	1:10.65	392	1:05.70		86%			
50m		15.	36.75	293	35.70		94%			
	, 2013 (11)									1
100m		14.	1:10.77	390	1:09.99		98%			
200m		8.	2:49.12	386	2:49.50		100%			
50m		15.	35.15	335	34.50		96%			
	, 2007 (17)									-
100m		10.	1:13.52	463	1:12.90		98%			
	, 2014 (10)									1
100m		20.	1:28.32	200	1:45.00		141%			
100m		11.	1:48.32	207	1:45.00		94%			
	, 2009 (15)									2
50m		14.	34.12	367	34.50		102%			
200m		7.	2:43.41	459	2:43.50		100%			
	, 2011 (13)									1
100m		64.	2:08.24	48	2:05.00		95%			
50m		30.	45.87	135	47.00		105%			
	, 2006 (18)									1
100m		17.	1:13.07	354	1:15.00		105%			
	, 2006 (18)									1
200m		1.	2:24.91	613	2:23.50		98%			
50m		2.	30.16	531	30.70		104%			
	, 2006 (18)									1
200m		2.	2:36.02	491	2:31.50		94%			
200m		4.	2:33.09	559	2:35.80		104%			
	, 2012 (12)									2
50m		33.	47.36	122	50.00		111%			
50m		35.	47.88	100	52.00		118%			
	, 2012 (12)									1
100m		62.	1:37.59	110	1:50.00		127%			
	, 2014 (10)									-
100m		40.	2:17.32	53	2:15.40		97%			
50m		29.	1:00.49	87	55.00		83%			
	, 2010 (14)									-
100m		36.	1:08.19	324	1:07.00		97%			
100m		19.	1:38.15	194	1:35.00		94%			
	, 2010 (14)									1
100m		2.	1:20.14	512	1:21.00		102%			
	, 2011 (13)									-
100m		15.	1:12.17	273	1:11.00		97%			
200m		15.	3:00.74	237	2:55.00		94%			



	, 2015 (9),							
50m		13.	48.73	167	44.00		82%	-
100m		19.	1:59.13	155	1:50.00		85%	
50m		14.	52.48	100	51.00		94%	
	, 2007 (17),							
100m		51.	1:03.21	407	1:00.00		90%	-
	, 2014 (10),							1
100m		17.	1:23.96	233	1:25.41		103%	
200m		7.	3:22.57	224	3:20.00		97%	
	, 2012 (12),							1
100m		27.	1:48.90	142	1:43.00		89%	
200m		31.	3:27.71	165	3:31.92		104%	
	, 2007 (17),							1
100m		21.	56.83	560	57.89		104%	
50m		15.	28.37	483	28.25		99%	
	, 2013 (11),							1
50m		43.	53.90	123	58.00		116%	
	, 2013 (11),							-
100m		33.	1:16.95	225	1:15.00		95%	
50m		23.	37.37	211	36.00		93%	
	, 2007 (17),							-
200m		1.	2:11.26	594	2:11.00		100%	
	, 2015 (9),							1
200m		12.	3:57.11	105	4:13.00		114%	
50m		24.	1:07.29	36	54.00		64%	
	, 2013 (11),							-
100m		52.	1:25.56	164	1:24.00		96%	
	, 2012 (12),							-
100m		16.	1:33.76	223	1:30.00		92%	
50m		33.	45.57	116	40.00		77%	
	, 2009 (15),							2
100m		20.	1:02.67	418	1:03.00		101%	
200m		11.	2:31.61	425	2:33.00		102%	
	, 2014 (10),							1
50m		14.	49.24	162	50.00		103%	
100m		27.	2:15.83	105	2:05.00		85%	
	, 2012 (12),							-
100m		29.	1:41.30	253	1:39.50		96%	
	, 2011 (13),							-
100m		7.	1:23.63	314	1:22.00		96%	
200m		10.	2:54.20	280	2:50.00		95%	
	, 2011 (13),							-
100m		20.	1:12.60	361	1:11.61		97%	
50m		16.	36.20	307	36.19		100%	
	, 2009 (15),							1
100m		34.	1:07.49	334	1:08.00		102%	
	, 2015 (9),							-
100m		24.	2:03.11	141	2:01.00		97%	
	, 2013 (11),							-
100m		13.	1:10.42	395	1:10.00		99%	
50m		10.	34.48	355	33.00		92%	
	, 2007 (17),							-
100m		12.	56.24	578	55.70		98%	
	, 2014 (10),							1
100m		34.	1:36.45	114	1:25.00		78%	
50m		24.	49.72	106	52.50		111%	
	, 2012 (12),							-
100m		29.	1:15.34	323	1:14.50		98%	
50m		40.	47.63	179	46.00		93%	



	, 2013 (11),								1
50m		12.	37.85	357	38.00			101%	
200m		12.	2:57.43	334	2:49.90			92%	
	, 2008 (16),								1
50m		3.	29.97	485	29.00			94%	
100m		7.	1:12.06	491	1:13.00			103%	
	, 2012 (12),								-
100m		43.	1:21.03	259	1:15.30			86%	
200m		16.	3:09.13	276	3:00.00			91%	
	, 2011 (13),								-
100m		17.	1:33.55	322	1:31.10			95%	
	, 2012 (12),								1
100m		28.	1:15.19	242	1:20.00			113%	
50m		18.	40.06	203	38.00			90%	
	, 2008 (16),								2
100m		52.	1:04.36	385	1:05.50			104%	
50m		27.	31.96	338	32.50			103%	
	, 2010 (14),								1
100m		43.	1:11.33	283	1:11.00			99%	
50m		10.	35.58	289	36.42			105%	
	, 2014 (10),								2
100m		9.	1:19.99	201	1:25.00			113%	
200m		5.	3:22.87	167	3:28.00			105%	
	, 2010 (14),								2
100m		21.	1:15.63	319	1:19.96			112%	
200m		12.	3:09.57	294	3:15.99			107%	
	, 2011 (13),								-
100m		5.	1:06.54	469	1:05.40			97%	
200m		8.	2:48.88	416	2:45.00			95%	
	, 2012 (12),								2
100m		37.	1:19.28	277	1:19.33			100%	
50m		31.	42.14	258	45.62			117%	
	, 2012 (12),								-
100m		42.	1:20.31	198	1:15.60			89%	
100m		23.	1:44.00	163	1:25.50			68%	
	, 2011 (13),								2
100m		41.	1:20.22	199	1:25.00			112%	
50m		22.	42.62	168	45.00			111%	
	- , 2013 (11),								1
50m		21.	39.78	307	38.00			91%	
50m		21.	37.07	286	38.00			105%	
	, 2008 (16),								1
50m		11.	38.80	223	43.10			123%	
	, 2014 (10),								2
100m		2.	1:14.47	334	1:20.00			115%	
50m		4.	37.45	277	39.00			108%	
	, 2009 (15),								-
50m		7.	32.08	395	31.00			93%	
200m		12.	2:34.26	403	2:25.00			88%	
	, 2009 (15),								-
100m		27.	1:05.42	367	1:05.00			99%	
	, 2012 (12),								-
100m		61.	1:37.41	111	1:25.00			76%	
50m		35.	48.12	117	42.50			78%	
	, 2010 (14),								1
100m		13.	1:23.25	318	1:12.00			75%	
200m		13.	2:37.50	379	2:39.00			102%	
	, 2007 (17),								-
100m		5.	1:03.23	546	1:02.90			99%	
50m		1.	32.74	552	32.40			98%	



	, 2013 (11),							1
50m		8.	36.66	393	37.00		102%	
50m		24.	39.39	238	39.00		98%	
	, 2010 (14),							-
100m		28.	1:05.51	366	1:03.50		94%	
100m		15.	1:25.84	290	1:24.00		96%	
	, 2012 (12),							-
100m		14.	1:11.31	283	1:07.50		90%	
100m		15.	1:32.50	232	1:26.50		87%	
	, 2007 (17),							-
100m		42.	1:00.01	476	58.60		95%	
	, 2012 (12),							-
50m		4.	34.08	329	33.00		94%	
200m		6.	2:46.10	305	2:40.00		93%	
	, 2012 (12),							-
100m		9.	1:26.24	411	1:23.00		93%	
50m		9.	33.79	377	33.00		95%	
	, 2009 (15),							1
100m		8.	1:05.44	493	1:05.32		100%	
50m		10.	33.42	390	33.50		100%	
	, 2010 (14),							1
50m		9.	34.31	323	34.00		98%	
200m		7.	2:38.63	351	2:40.00		102%	
	, 2010 (14),							2
100m		7.	1:05.11	500	1:06.56		105%	
200m		8.	2:44.49	450	2:48.05		104%	
	, 2009 (15),							1
200m		15.	2:39.27	366	2:40.00		101%	
	, 2013 (11),							1
100m		33.	1:16.90	304	1:17.53		102%	
50m		20.	39.60	312	39.47		99%	
	, 2008 (16),							-
50m		1.	28.65	555	28.00		96%	
	, 2011 (13),							1
50m		30.	41.60	269	44.00		112%	
100m		24.	1:38.64	274	1:35.00		93%	
	, 2012 (12),							-
50m		30.	43.12	137	40.00		86%	
200m		26.	3:17.63	191	3:07.00		90%	
	, 2010 (14),							-
100m		49.	1:13.53	258	1:11.50		95%	
50m		34.	38.11	199	36.00		89%	
	, 2014 (10),							2
100m		3.	1:13.43	259	1:17.00		110%	
50m		1.	38.04	237	39.50		108%	
	, 2008 (16),							-
100m		WDR		-	1:09.00		-	
	, 2007 (17),							-
100m		9.	56.02	585	55.00		96%	
	, 2011 (13),							-
100m		1.	1:17.27	571	1:17.00		99%	
50m		13.	35.06	338	33.00		89%	
	, 2014 (10),							2
100m		5.	1:15.69	237	1:16.00		101%	
200m		1.	2:56.21	256	2:56.73		101%	
50m		4.	36.82	221	36.00		96%	
	, 2009 (15),							-
100m		16.	1:01.61	440	1:01.34		99%	
	, 2009 (15),							-
50m		9.	28.90	457	28.01		94%	
200m		7.	2:25.17	484	2:21.00		94%	



100m	, 2014 (10),	24.	1:30.11	140	1:29.00	98%	-
100m	, 2012 (12),	15.	1:11.32	381	1:16.00	114%	1
100m	, 2013 (11),	45.	1:21.34	191	1:15.00	85%	1
200m	, 2013 (11),	24.	3:16.71	194	3:30.00	114%	2
50m	, 2010 (14),	24.	37.56	208	40.64	117%	-
200m	, 2010 (14),	21.	3:12.94	206	3:18.97	106%	-
50m	, 2010 (14),	2.	31.11	484	29.50	90%	-
100m	, 2013 (11),	9.	59.61	485	59.00	98%	1
100m		7.	1:14.74	440	1:14.00	98%	-
200m		8.	2:25.43	481	2:23.31	97%	-
50m	, 2013 (11),	12.	34.92	342	33.00	89%	1
200m	, 2013 (11),	1.	2:37.88	509	2:38.00	100%	-
100m	, 2010 (14),	10.	1:07.78	444	1:06.00	95%	-
50m	, 2010 (14),	8.	33.47	388	31.00	86%	-
100m	, 2007 (17),	6.	58.16	523	57.00	96%	2
200m	, 2007 (17),	3.	2:17.13	543	2:15.50	98%	-
100m	, 2013 (11),	48.	1:02.60	419	1:02.85	101%	2
200m	, 2013 (11),	11.	2:43.62	338	2:44.58	101%	2
100m	, 2015 (9),	19.	1:34.52	312	1:36.29	104%	2
200m	, 2015 (9),	22.	3:13.40	277	3:28.00	116%	-
100m	, 2008 (16),	31.	1:33.00	127	1:40.00	116%	1
50m	, 2008 (16),	20.	47.37	122	50.78	115%	-
50m	, 2008 (16),	23.	1:03.15	43	1:00.00	90%	-
100m	, 2013 (11),	18.	56.69	564	57.75	104%	1
50m	, 2009 (15),	16.	39.03	325	36.00	85%	1
50m	, 2009 (15),	5.	32.62	420	34.30	111%	-
100m	, 2008 (16),	5.	1:03.97	528	1:03.25	98%	-
50m	, 2008 (16),	2.	35.06	449	30.00	73%	-
50m	, 2015 (9),	3.	35.73	424	35.00	96%	-
200m	, 2015 (9),	4.	2:47.30	398	2:44.00	96%	-
100m	, 2012 (12),	47.	3:18.59	13	2:00.00	37%	-
50m	, 2012 (12),	40.	1:08.38	40	1:00.00	77%	1
50m	, 2013 (11),	42.	51.56	141	57.25	123%	2
50m	, 2007 (17),	36.	48.63	113	52.00	114%	-
200m	, 2007 (17),	23.	3:46.87	120	NT	-	-
100m	, 2007 (17),	33.	1:59.03	109	2:03.00	107%	-
50m	, 2012 (12),	9.	32.27	433	30.00	86%	-
200m	, 2012 (12),	7.	2:38.02	508	2:32.70	93%	-
100m	, 2012 (12),	60.	1:31.38	134	1:28.00	93%	-



100m	, 2014 (10),	4.	1:42.86	169	1:42.00	98%	-
50m	, 2014 (10),	7.	41.67	152	43.00	106%	1
100m	, 2012 (12),	23.	1:14.36	250	1:10.90	91%	-
100m	, 2014 (10),	17.	1:34.75	216	1:28.90	88%	1
50m	, 2011 (13),	3.	40.90	190	40.00	96%	1
200m	, 2011 (13),	2.	3:29.14	146	3:40.00	111%	1
100m	, 2013 (11),	51.	1:25.33	165	1:25.00	99%	2
50m	, 2013 (11),	21.	41.56	181	48.00	133%	2
100m	, 2010 (14),	37.	1:18.02	216	1:22.15	111%	2
50m	, 2010 (14),	29.	41.87	150	42.17	101%	2
100m	, 2009 (15),	21.	1:03.12	409	1:07.00	113%	-
50m	, 2009 (15),	21.	31.65	348	34.00	115%	-
100m	, 2008 (16),	12.	1:20.14	357	1:17.77	94%	2
200m	, 2008 (16),	6.	2:23.03	506	2:21.17	97%	2
100m	, 2005 (19),	11.	1:05.27	497	1:06.00	102%	-
200m	, 2005 (19),	9.	2:48.48	419	2:49.00	101%	-
100m	, 2011 (13),	2.	1:08.69	426	1:05.00	90%	-
100m	, 2011 (13),	2.	1:22.78	464	1:18.00	89%	-
100m	, 2009 (15),	1.	1:17.17	400	1:15.69	96%	-
50m	, 2009 (15),	9.	33.46	294	31.90	91%	-
200m	, 2010 (14),	1.	2:15.04	569	2:14.00	98%	-
50m	, 2013 (11),	5.	31.13	432	30.10	93%	1
50m	, 2013 (11),	7.	28.39	482	27.90	97%	1
200m	, 2012 (12),	27.	3:25.23	232	3:29.00	104%	-
200m	, 2012 (12),	19.	3:15.76	248	3:03.00	87%	-
200m	, 2012 (12),	24.	3:18.77	255	3:10.00	91%	-
100m	, 2011 (13),	27.	1:14.99	327	1:13.00	95%	-
50m	, 2011 (13),	11.	37.43	369	36.00	93%	-
100m	, 2009 (15),	3.	1:02.12	429	1:00.73	96%	-
200m	, 2009 (15),	3.	2:38.44	372	2:36.00	97%	-
100m	, 2011 (13),	14.	1:01.06	451	1:00.26	97%	-
100m	, 2010 (14),	47.	1:22.60	182	1:10.00	72%	-
200m	, 2010 (14),	30.	3:24.00	174	3:08.00	85%	-
50m	, 2008 (16),	4.	31.83	452	30.95	95%	2
200m	, 2008 (16),	3.	2:35.60	532	2:34.20	98%	2
50m	, 2014 (10),	4.	37.39	370	38.00	103%	2
100m	, 2014 (10),	4.	1:23.39	454	1:24.00	101%	2
100m		19.	1:26.81	157	1:37.82	127%	
50m		13.	44.91	144	46.41	107%	



	, 2015 (9) ,								1
50m		24.	56.02	110	51.00		83%		
50m		19.	57.14	78	59.00		107%		
	, 2012 (12) ,								-
50m		31.	45.94	134	45.00		96%		
-	, 2007 (17) ,								-
100m		8.	1:03.53	539	1:03.00		98%		
	, 2008 (16) ,								-
50m		11.	28.20	492	27.80		97%		
	, 2014 (10) ,								1
100m		16.	1:22.94	242	1:21.00		95%		
200m		6.	3:13.76	256	3:15.00		101%		
	, 2015 (9) ,								-
50m		8.	42.13	174	40.25		91%		
50m		6.	41.54	154	41.20		98%		
	, 2011 (13) ,								-
100m		11.	1:27.36	395	1:21.00		86%		
200m		2.	2:37.93	509	2:32.50		93%		
	, 2009 (15) ,								1
100m		2.	1:01.54	593	1:01.03		98%		
50m		5.	32.01	444	32.40		102%		
	, 2013 (11) ,								-
200m		14.	3:02.00	309	2:57.00		95%		
	, 2009 (15) ,								1
50m		6.	31.58	414	30.00		90%		
100m		2.	1:12.04	492	1:12.40		101%		
	, 2007 (17) ,								-
50m		9.	27.93	506	27.64		98%		
200m		3.	2:29.21	404	2:25.00		94%		
	, 2013 (11) ,								-
100m		9.	1:08.07	326	1:06.13		94%		
200m		14.	2:58.18	247	2:47.13		88%		
50m		16.	35.70	242	35.16		97%		
	, 2014 (10) ,								2
100m		27.	1:34.07	166	1:35.00		102%		
50m		25.	56.08	109	48.00		73%		
200m		16.	4:28.71	103	4:34.00		104%		
	, 2009 (15) ,								1
50m		20.	31.53	352	31.60		100%		
	, 2006 (18) ,								-
100m		27.	57.22	549	56.00		96%		
	, 2011 (13) ,								1
50m		6.	32.99	307	33.00		100%		
200m		2.	2:37.73	377	2:35.00		97%		
	, 2014 (10) ,								2
100m		25.	1:31.38	181	1:34.76		108%		
50m		15.	53.23	96	54.50		105%		
	, 2013 (11) ,								-
100m		53.	1:26.42	159	1:26.00		99%		
100m		28.	1:49.60	139	1:46.00		94%		
	, 2014 (10) ,								-
50m		10.	43.97	129	41.00		87%		
200m		7.	3:15.92	197	3:10.00		94%		
	, 2012 (12) ,								1
200m		17.	3:07.53	224	3:11.00		104%		
	, 2012 (12) ,								-
50m		34.	47.46	103	40.00		71%		
200m		29.	3:23.00	177	3:08.00		86%		
	, 2008 (16) ,								1
50m		3.	27.04	558	26.52		96%		
200m		1.	2:12.37	638	2:12.59		100%		



	, 2011 (13),								2
200m		3.	2:38.05	355	2:42.42		106%		
50m		5.	32.84	311	33.08		101%		
	, 2014 (10),								1
100m		11.	1:20.89	261	1:21.00		100%		
50m		6.	42.11	259	41.50		97%		
	, 2008 (16),								1
100m		47.	1:02.17	428	1:03.00		103%		
100m		16.	1:23.38	317	1:21.00		94%		
	, 2009 (15),								-
100m		3.	56.00	585	55.90		100%		
	, 2007 (17),								-
50m		5.	30.57	457	29.00		90%		
200m		3.	2:19.80	513	2:17.00		96%		
	, 2014 (10),								2
50m		18.	47.03	125	50.00		113%		
200m		9.	3:37.96	135	3:51.00		112%		
	, 2014 (10),								2
100m		8.	1:19.53	274	1:19.86		101%		
50m		2.	35.95	313	37.03		106%		
	, 2012 (12),								1
100m		16.	1:12.43	270	1:12.50		100%		
50m		15.	35.47	247	33.50		89%		
	, 2013 (11),								-
100m		24.	1:14.07	340	1:13.30		98%		
50m		25.	40.00	227	37.00		86%		
	, 2006 (18),								-
50m		4.	30.65	506	30.25		97%		
200m		6.	2:35.67	531	2:33.03		97%		
	, 2015 (9),								2
100m		33.	1:45.20	118	1:55.00		119%		
50m		16.	50.49	150	58.00		132%		
	, 2009 (15),								1
100m		50.	1:13.80	255	1:15.00		103%		
100m		18.	1:33.31	226	1:20.00		74%		
	, 2015 (9),								1
50m		5.	41.46	183	41.30		99%		
200m		2.	3:01.57	234	2:59.76		98%		
50m		13.	46.21	111	49.00		112%		
	, 2012 (12),								-
100m		36.	1:18.33	287	1:17.00		97%		
50m		17.	39.16	322	38.50		97%		
	, 2014 (10),								2
100m		2.	1:38.40	276	1:38.80		101%		
200m		8.	3:25.35	231	3:29.00		104%		
	, 2011 (13),								-
50m		7.	34.54	316	34.00		97%		
100m		6.	1:23.62	314	1:22.00		96%		
50m		3.	32.03	336	31.00		94%		
	, 2014 (10),								1
100m		18.	1:25.50	221	1:27.50		105%		
100m		7.	1:44.40	231	1:43.20		98%		
	, 2005 (19),								1
100m		2.	57.49	541	58.00		102%		
50m		1.	35.16	300	32.00		83%		
	, 2011 (13),								1
100m		4.	1:03.66	398	1:05.00		104%		
100m		2.	1:18.23	384	1:16.00		94%		
	, 2015 (9),								-
100m		12.	1:21.82	187	1:18.00		91%		
100m		7.	1:45.53	156	1:43.00		95%		



100m	, 2011 (13),	28.	1:15.33	323	1:08.00	81%	-
50m	, 2014 (10),	15.	46.17	132	44.00	91%	-
50m		12.	45.98	113	41.00	80%	
100m	, 2008 (16),	54.	1:06.82	344	1:07.00	101%	1
100m	, 2010 (14),	25.	1:21.45	255	1:18.20	92%	1
50m		6.	36.30	405	38.10	110%	
100m	, 2009 (15),	3.	1:20.66	502	1:18.20	94%	1
200m		6.	2:37.49	513	2:40.18	103%	
100m	, 2011 (13),	22.	1:43.85	164	1:45.00	102%	1
200m	, 2013 (11),	19.	3:23.97	165	3:18.71	95%	-
200m		8.	3:35.74	133	3:35.00	99%	
50m	, 2010 (14),	5.	35.78	423	36.43	104%	4
200m		3.	2:46.57	404	2:56.15	112%	
50m		12.	33.77	378	34.39	104%	
200m		1.	2:49.48	371	2:58.45	111%	
100m	, 2012 (12),	31.	1:16.09	233	1:14.00	95%	-
200m		22.	3:13.71	203	3:05.00	91%	
100m	, 2007 (17),	41.	59.28	493	58.98	99%	-
100m	, 2009 (15),	39.	1:09.23	310	1:15.00	117%	1
100m	, 2014 (10),	12.	1:49.61	200	1:46.00	94%	-
200m		3.	3:13.83	275	3:10.00	96%	
100m	, 2011 (13),	2.	1:03.39	542	1:02.86	98%	-
200m		7.	2:48.68	417	2:36.50	86%	
100m	, 2009 (15),	10.	1:18.22	384	1:14.00	90%	-
50m	, 2011 (13),	4.	33.86	499	34.00	101%	1
50m		2.	31.30	475	30.84	97%	
50m	, 2011 (13),	33.	42.53	251	41.21	94%	-
200m		30.	3:34.58	203	3:20.00	87%	
50m	, 1987 (37),	3.	31.34	358	33.00	111%	1
200m	, 2010 (14),	6.	2:21.27	497	2:20.00	98%	-
50m		5.	28.01	502	27.50	96%	
100m	, 2011 (13),	18.	1:12.00	370	1:10.05	95%	-
100m		8.	1:26.18	412	1:24.30	96%	
100m	, 2012 (12),	48.	1:27.94	203	1:32.10	110%	1
100m	, 2014 (10),	13.	1:21.15	258	1:20.00	97%	-
100m		13.	1:49.73	199	1:45.00	92%	
100m	, 2015 (9),	21.	1:28.27	149	1:25.00	93%	-
50m		19.	50.87	83	49.00	93%	



	, 2015 (9),								2
50m		22.	48.06	117	52.50			119%	
200m		16.	4:04.24	101	4:08.00			103%	
	, 2015 (9),								-
100m		31.	1:40.12	137	1:35.00			90%	
50m		23.	1:02.60	59	50.00			64%	
	, 2011 (13),								1
100m		27.	1:14.56	248	1:15.00			101%	
	, 2011 (13),								-
100m		8.	1:25.80	291	1:23.00			94%	
50m		8.	33.44	295	33.00			97%	
	, 2010 (14),								2
100m		55.	1:20.03	200	1:21.00			102%	
50m		11.	35.93	281	38.75			116%	
	, 2014 (10),								2
50m		7.	41.64	180	44.55			114%	
100m		8.	1:46.33	153	2:00.91			129%	
	, 2012 (12),								-
100m		46.	1:21.89	251	1:13.00			79%	
100m		31.	1:43.55	237	1:30.00			76%	
	, 2015 (9),								-
50m		30.	1:05.77	68	1:00.00			83%	
	, 2010 (14),								-
100m		4.	1:03.47	540	1:01.99			95%	
50m		11.	33.46	389	32.33			93%	
	, 2015 (9),								2
50m		2.	35.08	255	35.00			100%	
200m		1.	3:00.58	228	3:05.00			105%	
200m		1.	2:57.36	265	3:00.00			103%	
	, 2013 (11),								1
200m		16.	3:00.93	236	3:00.00			99%	
200m		12.	2:59.45	256	3:00.00			101%	
	, 2013 (11),								-
100m		21.	1:37.83	196	1:35.00			94%	
50m		18.	36.55	226	33.00			82%	
	, 2010 (14),								1
100m		22.	1:17.12	301	1:19.30			106%	
50m		18.	47.51	135	44.50			88%	
	, 2012 (12),								1
100m		19.	1:37.50	198	1:45.00			116%	
	, 2011 (13),								2
100m		1.	1:00.46	465	1:01.00			102%	
200m		1.	2:30.75	409	2:40.00			113%	
	, 2006 (18),								-
100m		40.	58.86	504	56.30			91%	
50m		12.	28.23	490	27.10			92%	
	, 2013 (11),								2
50m		22.	39.86	305	40.68			104%	
200m		21.	3:11.08	287	3:13.55			103%	
	, 2014 (10),								3
100m		15.	1:22.00	250	1:25.00			107%	
50m		7.	42.77	186	43.00			101%	
200m		1.	4:04.26	124	4:10.00			105%	
	, 2008 (16),								1
100m		4.	1:11.08	512	1:11.70			102%	
	, 2011 (13),								-
100m		11.	1:08.35	322	1:05.00			90%	
	, 2014 (10),								1
50m		18.	52.57	133	52.00			98%	
200m		14.	3:51.26	162	4:10.00			117%	



100m	, 2015 (9)	41.	1:57.30	63	1:40.00	73%	-
50m		27.	51.00	98	50.00	96%	
100m	, 2014 (10)	1.	1:11.42	282	1:10.00	96%	1
50m		1.	34.07	279	35.00	106%	
100m	, 2007 (17)	37.	58.76	507	58.70	100%	1
50m		23.	29.68	422	30.00	102%	
50m	, 2008 (16)	3.	30.38	520	29.52	94%	-
200m		1.	2:28.56	611	2:27.49	99%	
100m	, 2013 (11)	25.	1:14.12	339	1:25.62	133%	2
100m		18.	1:34.29	314	1:43.38	120%	
100m	, 2010 (14)	57.	1:25.40	165	1:35.00	124%	1
100m	, 2012 (12)	28.	1:40.53	259	1:40.00	99%	-
200m		16.	3:07.68	303	3:02.00	94%	
100m	, 2008 (16)	2.	1:02.37	569	1:02.76	101%	1
100m	, 2008 (16)	35.	58.30	519	59.00	102%	1
100m		14.	1:17.92	388	1:15.00	93%	
200m	, 2010 (14)	4.	2:47.10	400	2:44.00	96%	-
100m	, 2011 (13)	21.	1:13.92	342	1:13.00	98%	-
50m		19.	39.23	320	37.00	89%	
200m		15.	3:06.76	307	3:04.00	97%	
50m	, 2008 (16)	2.	26.63	584	26.69	100%	1
100m	, 2005 (19)	WDR	-	-	53.90	-	-
50m		WDR	-	-	26.67	-	-
50m	, 2012 (12)	37.	51.55	95	1:00.00	135%	1
50m	, 2011 (13)	9.	1:07.75	444	1:06.00	95%	-
200m		3.	2:44.99	415	2:40.00	94%	
200m	, 2008 (16)	2.	2:16.79	578	2:17.41	101%	1
100m	, 1994 (30)	2.	1:08.41	574	1:07.00	96%	-
50m	, 2011 (13)	12.	34.34	272	33.20	93%	-
200m		5.	2:45.86	324	2:38.50	91%	
50m	, 2014 (10)	9.	46.11	197	48.00	108%	1
100m		18.	1:56.97	164	1:56.00	98%	
100m	, 2010 (14)	23.	1:17.63	295	1:14.00	91%	-
100m		10.	1:37.20	287	1:37.00	100%	
100m	, 2010 (14)	24.	1:21.35	256	1:23.00	104%	1
50m	, 2012 (12)	34.	47.85	119	42.00	77%	-
200m		21.	3:38.17	135	3:15.00	80%	



	, 2010 (14)							2
50m		13.	41.28	185	42.00		104%	
200m		11.	3:09.03	207	3:10.00		101%	
	, 2013 (11)							-
50m		29.	45.52	138	42.00		85%	
200m		20.	3:24.06	164	3:15.00		91%	
	, 2007 (17)							-
100m		9.	1:03.89	530	1:03.00		97%	
50m		12.	33.70	380	31.70		88%	
	, 2008 (16)							-
100m		20.	56.78	562	55.50		96%	
200m		9.	2:24.65	489	2:22.00		96%	
	, 2013 (11)							1
50m		5.	34.57	469	34.90		102%	
200m		6.	2:47.11	400	2:45.28		98%	
	, 2006 (18)							-
100m		17.	56.63	566	55.85		97%	
	, 2012 (12)							-
100m		51.	1:31.85	178	1:20.00		76%	
200m		32.	4:02.72	140	3:29.00		74%	
	, 2010 (14)							-
100m		11.	1:00.25	470	1:00.17		100%	
50m		15.	30.51	388	30.02		97%	
	, 2013 (11)							2
200m		17.	3:03.47	227	3:11.26		109%	
50m		22.	37.30	212	37.53		101%	
	, 2010 (14)							1
100m		44.	1:11.37	283	1:10.00		96%	
50m		30.	35.83	240	45.00		158%	
	, 2001 (23)							-
100m		4.	59.77	481	56.30		89%	
100m		4.	1:12.64	480	1:09.90		93%	
	, 2012 (12)							-
100m		39.	1:19.64	203	1:19.00		98%	
200m		28.	3:20.91	182	3:20.00		99%	
	, 2014 (10)							1
200m		4.	4:03.12	93	4:27.09		121%	
	, 2009 (15)							1
100m		18.	1:01.83	435	1:01.90		100%	
100m		11.	1:19.09	371	1:15.90		92%	
	, 2015 (9)							1
100m		10.	1:20.99	193	1:20.00		98%	
200m		9.	3:20.71	183	3:28.00		107%	
	, 2008 (16)							-
100m		14.	1:06.33	473	1:06.00		99%	
50m		10.	32.32	431	31.90		97%	
	, 2009 (15)							-
200m		5.	2:20.93	500	2:17.32		95%	
	, 2006 (18)							-
100m		33.	58.22	521	55.30		90%	
50m		17.	28.85	459	25.90		81%	
	, 2011 (13)							2
100m		3.	1:20.58	351	1:22.00		104%	
200m		2.	2:45.68	295	2:50.00		105%	
	, 2010 (14)							-
100m		30.	1:07.00	342	1:05.00		94%	
200m		24.	3:01.53	247	2:44.00		82%	
	, 2007 (17)							1
100m		2.	1:17.81	559	1:18.00		100%	
	, 2011 (13)							-
100m		41.	1:20.72	262	1:19.00		96%	
50m		29.	45.73	152	39.00		73%	



	, 2015 (9)								2
100m		44.	2:10.48	46	2:07.21		95%		
50m		34.	57.42	68	1:01.67		115%		
100m		22.	2:37.50	47	2:41.67		105%		
	, 2007 (17)								2
100m		4.	1:03.09	550	1:03.50		101%		
200m		5.	2:34.76	541	2:35.00		100%		
	, 2012 (12)								1
100m		49.	1:23.90	174	1:25.00		103%		
50m		26.	44.08	152	42.00		91%		
	, 2012 (12)								-
50m		25.	40.45	292	40.00		98%		
200m		13.	3:03.11	326	3:02.00		99%		
	, 2011 (13)								-
100m		44.	1:21.44	255	1:17.00		89%		
200m		28.	3:26.58	227	3:12.00		86%		
	, 2015 (9)								1
50m		35.	57.63	68	54.74		90%		
100m		21.	2:29.19	55	2:45.34		123%		
	, 2008 (16)								1
100m		14.	56.49	570	56.50		100%		
50m		6.	27.62	524	27.30		98%		
	, 2012 (12)								-
100m		30.	1:15.83	317	1:13.30		93%		
200m		17.	3:07.69	303	3:03.00		95%		
	, 2011 (13)								-
100m		5.	1:23.21	319	1:21.12		95%		
200m		7.	3:03.42	217	2:49.00		85%		
	, 2009 (15)								-
50m		4.	27.98	504	27.50		97%		
200m		4.	2:20.29	536	2:19.00		98%		
	, 2011 (13)								1
100m		7.	1:07.36	452	1:06.00		96%		
50m		18.	36.37	303	38.00		109%		
	, 2014 (10)								2
100m		1.	1:10.42	395	1:10.47		100%		
50m		1.	34.65	350	35.46		105%		
	, 2008 (16)								-
50m		2.	33.42	519	33.00		98%		
200m		3.	2:39.60	459	2:35.00		94%		
	, 2007 (17)								-
100m		10.	1:05.23	498	1:04.00		96%		
50m		14.	34.97	340	34.50		97%		
	, 2015 (9)								1
100m		36.	1:53.76	93	NT		-		
50m		18.	57.03	78	1:04.09		126%		
	, 2011 (13)								-
50m		12.	37.85	357	37.50		98%		
100m		7.	1:26.06	413	1:22.90		93%		
	, 2010 (14)								2
100m		13.	1:07.28	454	1:10.00		108%		
50m		13.	34.01	370	35.00		106%		
	, 2009 (15)								1
100m		1.	1:09.44	549	1:10.30		102%		
	, 2013 (11)								-
50m		17.	38.89	222	36.00		86%		
200m		10.	2:54.18	265	2:48.00		93%		
	, 2009 (15)								-
100m		23.	1:04.14	389	1:03.00		96%		
50m		22.	32.27	328	31.50		95%		



100m	, 2008 (16) ,	55.	1:09.54	305	1:09.50	100%	-
50m		29.	38.53	193	36.00	87%	
100m	, 2014 (10) ,	45.	2:16.58	40	2:05.00	84%	-
50m		37.	59.01	63	50.00	72%	
100m	, 2011 (13) ,	47.	1:27.35	207	1:35.18	119%	2
100m		34.	1:45.73	223	1:50.01	108%	
100m	, 2014 (10) ,	5.	1:17.12	301	1:17.30	100%	1
50m		3.	37.26	281	37.00	99%	
100m	, 2012 (12) ,	6.	1:24.79	432	1:24.00	98%	1
200m		5.	2:42.86	464	2:44.54	102%	
50m	, 2008 (16) ,	8.	31.41	421	30.60	95%	-
200m		6.	2:20.68	532	2:18.00	96%	
100m	, 2014 (10) ,	40.	1:52.10	73	1:45.50	89%	1
50m		28.	51.09	97	53.00	108%	
50m	, 2014 (10) ,	22.	55.25	114	50.00	82%	1
100m		21.	1:59.94	152	2:00.00	100%	
100m	, 2010 (14) ,	10.	1:00.02	475	59.00	97%	-
50m		12.	29.58	426	29.00	96%	
100m	, 2012 (12) ,	50.	1:30.84	184	1:30.00	98%	1
50m		37.	44.04	226	46.00	109%	
100m	, 2010 (14) ,	38.	1:08.78	316	1:10.00	104%	2
200m		21.	2:52.50	288	2:55.00	103%	
100m	, 2009 (15) ,	31.	1:07.23	338	1:07.00	99%	-
50m		33.	38.01	201	35.00	85%	
100m	, 2014 (10) ,	23.	1:29.60	143	1:26.00	92%	-
50m		23.	48.15	116	45.00	87%	
100m	, 2014 (10) ,	2.	1:13.00	264	1:12.30	98%	-
200m		2.	3:02.84	242	2:58.40	95%	
100m	, 2006 (18) ,	1.	1:16.78	582	1:15.98	98%	-
100m	, 2013 (11) ,	32.	1:16.56	308	1:12.93	91%	-
100m		35.	1:46.70	217	1:41.00	90%	
100m	, 2008 (16) ,	1.	59.96	641	1:00.00	100%	2
200m		2.	2:30.61	587	2:32.00	102%	
100m	, 2012 (12) ,	20.	1:13.48	259	1:18.00	113%	1
200m		12.	2:56.48	255	2:50.00	93%	
100m	, 2014 (10) ,	6.	1:18.84	209	1:21.00	106%	1
100m		1.	1:40.35	182	1:38.00	95%	
100m	, 2014 (10) ,	9.	1:20.10	269	1:21.00	102%	1
200m		1.	3:00.23	318	2:59.00	99%	
100m	, 2010 (14) ,	17.	1:31.15	243	1:25.00	87%	-
200m		19.	2:50.93	296	2:50.00	99%	



	, 2014 (10),							3
100m		19.	1:26.93	210	1:30.50		108%	
50m		8.	45.43	206	45.46		100%	
100m		15.	1:52.23	186	2:00.20		115%	
	, 2014 (10),							-
100m		27.	1:31.07	136	1:28.23		94%	
50m		17.	46.72	128	46.64		100%	
	, 2011 (13),							1
100m		8.	1:07.70	445	1:05.54		94%	
50m		4.	32.26	434	1:14.57		534%	
	, 2014 (10),							2
100m		6.	1:17.57	296	1:23.00		114%	
100m		3.	1:39.96	264	1:43.00		106%	
	, 2011 (13),							2
100m		49.	1:29.76	191	1:37.00		117%	
200m		31.	3:46.47	172	3:55.00		108%	
	, 2014 (10),							-
100m		28.	1:31.65	133	1:25.00		86%	
200m		3.	3:15.70	187	3:11.00		95%	
100m		6.	1:44.93	159	1:42.72		96%	
	, 2013 (11),							1
100m		38.	1:19.69	273	1:30.00		128%	
100m		20.	1:35.49	302	1:30.00		89%	
	, 2014 (10),							2
100m		15.	1:23.84	174	3:08.00		503%	
200m		6.	3:23.27	166	3:28.00		105%	
	, 2015 (9),							1
50m		20.	51.21	82	55.00		115%	
	, 2012 (12),							1
50m		14.	38.45	229	36.00		88%	
200m		11.	2:59.03	258	3:10.00		113%	
	, 2011 (13),							1
50m		28.	44.39	149	45.15		103%	
100m		31.	1:53.10	127	1:40.68		79%	
	, 2015 (9),							-
50m		30.	53.04	87	52.00		96%	
100m		20.	2:13.98	76	2:05.00		87%	
	, 2014 (10),							1
100m		26.	1:33.99	166	1:35.94		104%	
50m		22.	1:01.48	62	57.27		87%	
	, 2000 (24),							2
100m		6.	1:18.30	288	1:19.00		102%	
50m		3.	42.29	256	43.50		106%	
	, 2014 (10),							-
50m		8.	43.18	137	41.00		90%	
200m		5.	3:14.09	202	3:12.00		98%	
	, 2004 (20),							1
100m		3.	1:12.75	359	1:13.00		101%	
50m		2.	35.86	420	35.00		95%	
	, 2015 (9),							1
50m		38.	59.86	60	1:02.50		109%	
100m		16.	2:07.00	89	2:03.50		95%	
	, 2012 (12),							-
100m		WDR		-	1:45.00		-	
	, 2011 (13),							-
100m		16.	1:11.42	379	1:09.00		93%	
50m		22.	37.22	282	36.50		96%	
	, 2010 (14),							1
100m		14.	1:24.34	306	1:23.77		99%	
50m		35.	38.75	189	39.00		101%	



	, 2013 (11),							2
100m		12.	1:08.49	320	1:11.05		108%	
50m		11.	37.17	254	37.05		99%	
50m		14.	35.41	248	36.01		103%	
	, 2009 (15),							-
100m		5.	1:14.26	449	1:14.00		99%	
	, 2015 (9),							1
100m		7.	1:19.44	275	1:21.00		104%	
100m		9.	1:44.73	229	1:43.50		98%	
	, 2010 (14),							-
100m		36.	1:08.19	324	1:08.00		99%	
100m		16.	1:25.92	290	1:23.50		94%	
	, 2013 (11),							1
100m		59.	1:30.03	141	1:34.16		109%	
200m		22.	3:40.01	131	3:37.42		98%	
	, 2007 (17),							-
100m		43.	1:00.52	464	1:00.00		98%	
50m		21.	29.48	431	28.70		95%	
	, 2010 (14),							-
50m		8.	33.06	403	32.00		94%	
	, 2013 (11),							-
50m		25.	43.74	156	41.00		88%	
200m		32.	3:38.76	141	3:30.00		92%	
	, 2012 (12),							1
100m		19.	1:12.52	362	1:14.00		104%	
	, 2010 (14),							1
100m		3.	1:03.26	546	1:04.00		102%	
50m		3.	31.15	482	31.15		100%	
	, 2009 (15),							-
100m		1.	1:01.32	599	1:00.50		97%	
100m		4.	1:21.06	495	1:17.00		90%	
	, 2009 (15),							-
100m		48.	1:12.75	267	1:11.00		95%	
50m		31.	36.81	221	34.50		88%	
	, 2014 (10),							2
200m		5.	3:12.84	260	3:25.00		113%	
100m		10.	1:47.34	213	1:50.81		107%	
	, 2005 (19),							-
100m		5.	1:12.78	477	1:09.00		90%	
	, 2008 (16),							2
100m		1.	1:08.11	582	1:09.00		103%	
200m		4.	2:19.96	540	2:22.00		103%	
	, 2012 (12),							2
100m		35.	1:17.33	299	1:25.82		123%	
50m		26.	40.71	216	44.50		119%	
	, 2011 (13),							-
200m		8.	2:52.29	274	2:49.00		96%	
200m		6.	2:48.48	309	2:47.50		99%	
	, 2014 (10),							-
50m		3.	40.81	285	40.50		98%	
100m		8.	1:44.62	230	1:42.00		95%	
	, 2007 (17),							-
200m		1.	2:14.26	579	2:14.00		100%	
	, 2014 (10),							3
100m		7.	1:19.10	207	1:28.00		124%	
100m		3.	1:40.85	179	1:48.00		115%	
200m		6.	3:14.93	200	3:18.00		103%	
	, 2012 (12),							1
100m		55.	1:28.66	147	1:50.00		154%	
	, 2012 (12),							1
100m		24.	1:44.45	161	1:30.00		74%	
200m		16.	3:06.65	227	3:08.00		101%	



50m	, 2011 (13) ,	6.	34.52	317	32.00	86%	-
200m		7.	2:46.76	302	2:39.00	91%	-
50m	, 2010 (14) ,	1.	35.03	450	34.00	94%	-
200m		2.	2:43.95	423	2:37.00	92%	-
100m	, 2014 (10) ,	3.	1:15.53	320	1:15.00	99%	1
50m		5.	37.62	273	38.00	102%	-
100m	, 2007 (17) ,	31.	57.98	527	57.00	97%	-
200m	, 2010 (14) ,	11.	29.30	439	32.00	119%	2
50m		9.	2:28.79	449	2:30.00	102%	-
100m	, 2013 (11) ,	56.	1:46.49	114	NT	-	-
50m		44.	56.09	109	NT	-	-
100m	, 2011 (13) ,	3.	1:21.44	488	1:20.00	96%	-
100m	, 2014 (10) ,	24.	1:31.25	181	1:30.21	98%	-
100m	, 2007 (17) ,	2.	55.22	611	56.00	103%	1
100m	, 2007 (17) ,	7.	1:03.28	545	1:02.86	99%	-
50m		6.	31.60	462	30.00	90%	-
100m	, 2012 (12) ,	4.	1:22.95	322	1:23.00	100%	1
200m		8.	2:49.63	303	2:46.00	96%	-
50m	, 2012 (12) ,	23.	40.05	301	38.00	90%	-
100m		22.	1:37.38	285	1:33.00	91%	-
100m	, 2010 (14) ,	42.	1:10.50	293	1:10.61	100%	2
50m		26.	34.30	273	36.90	116%	-
50m	, 2009 (15) ,	1.	29.76	495	29.00	95%	-
100m		3.	1:13.59	461	1:13.00	98%	-
100m	, 2014 (10) ,	12.	1:21.05	259	1:23.55	106%	1
50m		9.	43.98	171	42.30	93%	-
100m	, 2011 (13) ,	1.	1:02.00	580	1:02.70	102%	1
200m		2.	2:34.86	502	2:34.00	99%	-
100m	, 2014 (10) ,	14.	1:23.49	176	1:20.60	93%	-
50m		10.	43.61	157	42.00	93%	-
100m	, 2014 (10) ,	43.	2:06.63	50	1:45.00	69%	-
100m	, 2011 (13) ,	1.	32.10	585	33.50	109%	1
50m		1.	2:31.61	535	2:30.00	98%	-
200m	, 2012 (12) ,	63.	2:01.36	57	1:40.12	68%	-
100m	, 2013 (11) ,	15.	38.75	224	40.80	111%	1
50m		20.	36.85	220	35.57	93%	-
100m	, 2015 (9) ,	35.	1:47.26	112	1:53.59	112%	1
100m		28.	2:17.71	100	2:16.00	98%	-



100m		54.	1:16.36	231	1:16.00		99%	-	
100m		20.	1:50.50	136	1:42.00		85%	-	
100m									
50m		33.	1:07.45	335	1:06.00		96%	-	
50m		29.	35.57	245	31.00		76%	-	
200m		27.	3:18.78	188	3:20.75		102%	1	
100m		4.	1:15.31	240	1:19.00		110%	2	
50m		3.	36.11	234	37.40		107%	-	
100m		8.	55.93	588	55.25		98%	-	
50m		12.	28.23	490	27.00		91%	-	
100m		22.	1:29.36	144	1:30.00		101%	1	
100m		19.	2:12.47	79	1:55.00		75%	-	
50m		7.	31.05	436	31.00		100%	-	
200m		6.	2:21.50	494	2:21.00		99%	-	
50m		39.	1:04.76	48	55.00		72%	-	
100m		37.	1:42.37	95	1:48.00		111%	2	
100m		18.	2:09.85	84	2:27.00		128%	-	
50m		6.	30.92	441	29.60		92%	-	
200m		2.	2:18.20	531	2:17.02		98%	-	
100m		11.	56.17	580	57.90		106%	1	
50m		10.	27.95	505	27.90		100%	-	
100m		11.	1:05.61	489	1:03.54		94%	1	
100m		5.	1:23.60	451	1:21.56		95%	-	
200m		2.	2:35.19	536	2:35.74		101%	-	
100m		36.	58.38	517	57.00		95%	-	
50m		38.	46.22	196	47.00		103%	2	
200m		23.	3:17.81	259	3:20.00		102%	-	
100m		45.	1:00.80	457	1:00.00		97%	-	
50m		25.	30.42	392	30.00		97%	-	
100m		20.	1:15.57	320	1:15.00		98%	-	
100m		12.	1:43.78	235	1:34.00		82%	-	
50m		32.	42.45	253	41.03		93%	1	
100m		36.	1:47.21	214	1:50.16		106%	-	
100m		40.	1:10.16	297	1:07.00		91%	-	
100m		6.	1:03.27	545	1:03.00		99%	-	
50m		7.	31.98	445	31.00		94%	-	
100m		18.	1:12.94	265	1:12.00		97%	-	
200m		14.	3:03.08	241	3:00.00		97%	-	
100m		5.	1:11.50	503	1:10.00		96%	-	
100m		11.	1:13.69	459	1:13.00		98%	-	
50m		28.	33.18	302	28.00		71%	-	



	, 2010 (14),								2
100m		15.	1:01.48	442	1:02.00		102%		
50m		23.	33.07	305	34.50		109%		
	, 2014 (10),								1
200m		7.	3:24.86	233	3:26.33		101%		
	, 2010 (14),								2
50m		13.	29.79	417	32.50		119%		
200m		17.	2:41.51	351	2:47.80		108%		
	, 2009 (15),								1
50m		6.	32.06	442	30.54		91%		
200m		10.	2:47.37	427	2:49.00		102%		
	, 2010 (14),								-
100m		41.	1:10.19	297	1:05.00		86%		
50m		24.	33.30	299	31.00		87%		
	, 2014 (10),								2
100m		6.	1:44.27	232	1:45.00		101%		
200m		6.	3:22.10	243	3:28.30		106%		
	, 2013 (11),								-
50m		27.	40.63	288	35.70		77%		
100m		37.	1:52.67	184	1:25.10		57%		
	, 1983 (41),								1
100m		6.	1:16.59	229	1:16.00		98%		
50m		5.	38.60	192	45.00		136%		
	, 2007 (17),								1
100m		6.	55.63	597	56.00		101%		
	, 2011 (13),								-
100m		34.	1:17.28	299	1:13.40		90%		
50m		18.	39.20	321	38.38		96%		
	, 2015 (9),								-
100m		19.	1:26.81	157	1:20.00		85%		
50m		4.	41.30	185	37.00		80%		
50m		11.	44.67	123	36.00		65%		
	, 2010 (14),								-
100m		5.	57.15	551	56.00		96%		
50m		16.	30.57	386	28.90		89%		
	, 2015 (9),								2
100m		8.	1:19.73	203	1:25.00		114%		
200m		3.	3:43.64	120	4:00.00		115%		
200m		11.	3:30.70	158	3:25.54		95%		
	, 2012 (12),								1
100m		23.	1:38.08	279	1:36.45		97%		
200m		14.	3:05.77	312	3:07.24		102%		
	, 2014 (10),								2
50m		25.	49.77	105	50.00		101%		
200m		11.	3:52.62	111	4:04.00		110%		
	, 2013 (11),								3
100m		53.	1:34.77	162	1:40.00		111%		
50m		35.	43.05	242	44.00		104%		
200m		21.	3:23.75	220	3:44.00		121%		
	, 2015 (9),								1
200m		7.	3:25.95	160	3:33.37		107%		
50m		21.	57.17	59	55.00		93%		
	, 2014 (10),								2
100m		13.	1:21.98	186	1:25.00		108%		
100m		9.	1:48.21	145	1:46.00		96%		
200m		10.	3:21.28	181	3:33.00		112%		
	, 2008 (16),								1
100m		5.	55.57	599	57.00		105%		
	, 2013 (11),								2
100m		35.	1:17.35	222	1:18.01		102%		
100m		30.	1:52.56	129	1:35.00		71%		
200m		23.	3:13.97	203	3:30.00		117%		



50m	, 2014 (10) ,	9.	42.37	171	39.00	85%	-
200m		8.	3:19.17	187	3:10.00	91%	-
100m	, 2011 (13) ,	5.	1:24.32	439	1:24.00	99%	-
50m		11.	34.74	347	34.00	96%	-
100m	, 2008 (16) ,	2.	1:09.37	551	1:08.50	98%	-
200m	, 2013 (11) ,	11.	2:59.81	345	3:07.00	108%	1
100m	, 2009 (15) ,	46.	1:12.70	267	1:11.00	95%	-
100m	, 2010 (14) ,	45.	1:12.24	272	1:10.00	94%	-
100m	, 2011 (13) ,	22.	1:14.33	250	1:15.50	103%	2
200m		9.	2:53.96	266	3:02.00	109%	-
100m	, 2012 (12) ,	29.	1:51.36	133	1:47.10	92%	-
50m	, 2011 (13) ,	8.	35.14	301	34.00	94%	-
200m		6.	2:59.46	232	2:55.00	95%	-
100m	, 2012 (12) ,	30.	1:41.93	249	1:37.00	91%	-
50m		30.	46.45	145	46.00	98%	-
200m	, 2011 (13) ,	29.	3:26.67	227	3:28.32	102%	1
100m	, 2012 (12) ,	20.	1:37.62	197	1:30.00	85%	-
50m	, 2014 (10) ,	14.	49.24	162	47.00	91%	-
50m		21.	59.41	69	50.00	71%	-
50m	, 2011 (13) ,	3.	33.99	332	32.00	89%	1
50m		17.	35.72	242	38.00	113%	-
100m	, 2012 (12) ,	19.	1:13.05	263	1:10.32	93%	-
200m		5.	2:42.45	327	2:40.44	98%	-
100m	, 2010 (14) ,	7.	1:27.90	388	1:31.50	108%	1
50m		17.	38.18	261	34.50	82%	-
200m	, 2011 (13) ,	6.	2:43.72	457	2:40.00	96%	-
100m	, 2013 (11) ,	12.	1:28.38	382	1:25.00	92%	-
100m	, 2010 (14) ,	19.	1:02.20	427	59.00	90%	-
200m		16.	2:41.01	354	2:36.00	94%	-
100m	, 2011 (13) ,	33.	1:45.43	225	1:35.00	81%	-
200m		12.	3:00.12	343	2:55.00	94%	-
100m	, 2007 (17) ,	10.	56.06	584	56.00	100%	1
50m		5.	27.56	527	28.56	107%	-
100m	, 2010 (14) ,	12.	1:00.34	468	1:00.02	99%	-
100m	, 2008 (16) ,	29.	57.64	537	59.60	107%	1
100m	, 2015 (9) ,	29.	2:20.39	95	2:05.00	79%	-
50m		24.	1:03.57	56	1:00.00	89%	-



	, 2015 (9)							1
50m		7.	43.30	238	38.00		77%	
50m		6.	42.10	195	38.00		81%	
200m		5.	3:19.67	252	3:20.00		100%	
	, 2014 (10)							-
100m		38.	1:50.66	75	NT		-	
100m		17.	2:07.67	88	NT		-	
	, 2008 (16)							-
100m		25.	57.06	553	56.27		97%	
	, 2007 (17)							-
100m		9.	1:13.10	471	1:10.00		92%	
50m		26.	31.15	365	29.00		87%	
	, 2009 (15)							1
100m		17.	1:01.79	436	1:03.00		104%	
50m		8.	28.70	467	28.00		95%	
	, 2012 (12)							-
200m		20.	3:19.33	235	2:55.00		77%	
	, 2012 (12)							1
200m		15.	3:03.19	240	3:05.00		102%	
	, 2006 (18)							2
100m		12.	1:05.89	483	1:06.40		102%	
50m		13.	34.60	351	37.40		117%	
	, 2009 (15)							-
100m		4.	56.69	564	56.25		98%	
50m		10.	29.23	442	27.90		91%	
	, 2014 (10)							-
50m		17.	50.84	147	48.00		89%	
	, 2015 (9)							1
50m		20.	53.44	126	49.37		85%	
100m		23.	2:01.27	147	2:04.73		106%	
	, 2008 (16)							-
100m		12.	1:16.48	411	1:13.35		92%	
	, 2012 (12)							-
100m		42.	1:20.94	260	1:19.00		95%	
100m		21.	1:36.77	291	1:34.00		94%	
	, 2014 (10)							-
50m		2.	39.86	305	38.30		92%	
200m		2.	3:08.52	299	3:08.00		99%	
	, 2013 (11)							1
200m		18.	3:06.27	216	3:28.00		125%	
50m		31.	44.67	123	39.00		76%	
	, 2010 (14)							1
100m		29.	1:05.91	359	1:07.08		104%	
50m		12.	40.23	200	37.19		85%	
	, 2014 (10)							1
100m		17.	1:26.03	161	1:25.00		98%	
50m		9.	43.19	137	43.50		101%	
	, 2011 (13)							-
50m		2.	33.12	359	33.00		99%	
200m		2.	2:31.92	399	2:28.00		95%	
	, 2010 (14)							-
200m		9.	2:40.52	338	2:35.00		93%	
	, 2010 (14)							-
100m		1.	1:19.78	519	1:17.90		95%	
	, 2013 (11)							1
50m		24.	40.29	296	45.00		125%	
100m		15.	1:31.40	345	1:29.16		95%	
	, 2007 (17)							1
100m		3.	1:21.44	488	1:22.90		104%	



200m	, 2015 (9),	10.	3:43.10	126	3:40.00	97%	-
100m	, 2012 (12),	10.	1:29.83	253	1:29.25	99%	-
100m	, 2008 (16),	5.	1:23.48	453	1:18.00	87%	-
200m		10.	2:48.94	416	2:41.00	91%	-
100m	, 2007 (17),	13.	56.48	571	56.30	99%	-
100m	, 2012 (12),	57.	1:29.50	143	1:20.00	80%	-
50m	, 2014 (10),	4.	40.94	282	42.00	105%	2
200m		3.	3:07.47	283	3:18.00	112%	
50m		10.	44.07	170	44.00	100%	
100m	, 2007 (17),	34.	58.28	519	58.80	102%	1
50m		14.	28.31	486	28.00	98%	
100m	, 2013 (11),	21.	1:13.65	257	1:16.00	106%	2
200m		13.	2:57.56	250	3:00.00	103%	
100m	, 2009 (15),	12.	1:06.35	473	1:07.63	104%	2
200m		9.	2:45.53	442	2:46.27	101%	
100m	, 2009 (15),	16.	1:10.54	393	1:09.00	96%	-
100m		11.	1:39.07	271	1:33.00	88%	
100m	, 2015 (9),	42.	2:00.40	58	2:01.50	102%	1
100m	, 2007 (17),	32.	58.12	524	56.50	95%	-
50m		24.	29.83	416	28.50	91%	
50m	, 2011 (13),	1.	32.21	390	34.00	111%	1
200m		1.	2:38.55	337	2:34.00	94%	
50m	, 2014 (10),	5.	41.69	267	40.50	94%	-
200m		2.	3:05.88	290	3:03.00	97%	
50m	, 2009 (15),	8.	34.23	325	31.00	82%	-
200m		10.	2:42.22	328	2:35.00	91%	
100m	, 2010 (14),	14.	1:07.62	447	1:09.00	104%	2
200m		2.	3:03.38	293	3:40.00	144%	
100m	, 2011 (13),	8.	1:07.35	336	1:06.00	96%	1
50m		7.	33.33	298	34.00	104%	
100m	, 2009 (15),	4.	1:14.19	450	1:14.00	99%	-
200m		3.	2:19.90	541	2:19.00	99%	
100m	, 2015 (9),	11.	1:21.57	189	1:21.00	99%	1
50m		5.	41.13	158	47.00	131%	
100m	, 2009 (15),	2.	55.95	587	55.40	98%	-
50m		1.	27.02	559	26.60	97%	
50m	, 2012 (12),	21.	37.06	216	38.00	105%	1
200m		13.	2:59.98	254	2:58.00	98%	
100m	, 2009 (15),	10.	1:05.56	490	1:05.00	98%	1
100m		6.	1:27.20	397	1:28.00	102%	



100m	, 2010 (14),	47.	1:12.73	267	1:18.94	118%	1
50m	, 2013 (11),	36.	43.16	241	44.84	108%	2
100m		27.	1:39.85	264	1:43.12	107%	-
100m	, 2011 (13),	38.	1:19.55	204	1:15.00	89%	-
50m		27.	40.15	170	40.00	99%	-
100m	, 2015 (9),	30.	1:39.06	142	1:30.00	83%	-
200m		9.	3:31.49	197	3:25.00	94%	1
100m	, 2012 (12),	3.	1:03.61	537	1:02.62	97%	-
50m		6.	32.63	419	32.90	102%	-
100m	, 2013 (11),	32.	1:44.67	229	1:43.50	98%	-
100m	, 2009 (15),	7.	33.04	404	32.00	94%	-
50m		4.	2:35.61	532	2:34.61	99%	-
200m	, 2014 (10),	13.	3:44.52	177	3:44.00	100%	-
200m	, 2015 (9),	19.	53.06	129	52.83	99%	-
50m		30.	2:22.08	91	2:10.00	84%	-
100m	, 2009 (15),	2.	2:19.02	551	2:18.88	100%	-
200m	, 2011 (13),	43.	1:20.76	195	1:28.22	119%	1
100m		26.	1:48.06	145	1:47.05	98%	-
50m	, 2010 (14),	9.	33.10	402	32.00	93%	1
200m		5.	2:36.45	523	2:40.00	105%	-
100m	, 2012 (12),	11.	1:08.28	434	1:07.50	98%	-
50m		7.	33.23	397	32.80	97%	-
100m	, 2009 (15),	3.	30.19	474	30.03	99%	-
200m		4.	2:20.29	507	2:18.00	97%	-
100m	, 2014 (10),	46.	2:19.51	37	2:05.00	80%	1
50m		32.	54.57	80	55.00	102%	-
200m	, 2010 (14),	2.	2:15.85	559	2:14.70	98%	1
50m		6.	28.34	485	29.30	107%	-
50m	, 2013 (11),	3.	33.83	500	33.50	98%	-
50m		3.	32.15	438	32.00	99%	-
200m		3.	2:39.38	495	2:37.00	97%	-
100m	, 2012 (12),	50.	1:24.06	173	1:20.00	91%	-
50m		32.	45.32	118	40.00	78%	-
100m	, 2011 (13),	12.	1:08.57	428	1:07.00	95%	1
50m		17.	36.26	305	40.00	122%	-
200m	, 2004 (20),	1.	2:31.93	515	2:27.00	94%	-
100m	, 2004 (20),	1.	55.14	613	53.80	95%	-
50m		2.	27.31	542	26.00	91%	-
100m	, 2009 (15),	5.	1:14.26	449	1:13.00	97%	-
50m		17.	31.10	367	29.00	87%	-



100m	, 2013 (11),	25.	1:39.09	271	1:30.00	82%	-
200m		20.	3:10.95	288	3:01.00	90%	
50m	, 2011 (13),	5.	34.13	328	34.60	103%	1
200m		4.	2:55.67	247	2:55.25	100%	
100m	, 2009 (15),	1.	55.92	588	55.70	99%	-
100m	, 2011 (13),	11.	1:31.24	242	1:26.70	90%	-
50m	, 2015 (9),	8.	43.62	175	44.27	103%	1
100m	, 2014 (10),	33.	1:34.14	123	1:48.05	132%	2
100m		12.	1:56.15	117	2:04.55	115%	

