



Scientific Research Project
Biomechanical Analyses
at the
IAAF World Championships Daegu 2011

Quick Report

(August 30, 2011)



Korean Society of Sport Biomechanics



Biomechanical Analysis of Usain Bolt 100 meter

	RANK/ LANE	10m Avg. speed (m/sec)	20m Avg. speed (m/sec)	30m Avg. speed (m/sec)	40m Avg. speed (m/sec)	50m Avg. speed (m/sec)	60m Avg. speed (m/sec)	70m Avg. speed (m/sec)	80m Avg. speed (m/sec)	90m Avg. speed (m/sec)	100m Avg. speed (m/sec)	Max speed (m/sec)	Distance at Max Speed	Total Time (sec)
Usain Bolt (JAM)- Round1	1/6	5.30	9.63	10.78	11.31	11.59	11.64	11.59	11.38	10.94	10.12	11.64	55.27	10.10
Usain Bolt (JAM)- Semi Final	1/3	5.30	9.58	10.71	11.32	11.58	11.71	11.71	11.61	11.25	10.15	11.72	56.17	10.05

Speed Curve (Usain Bolt, JAM- 100M)

