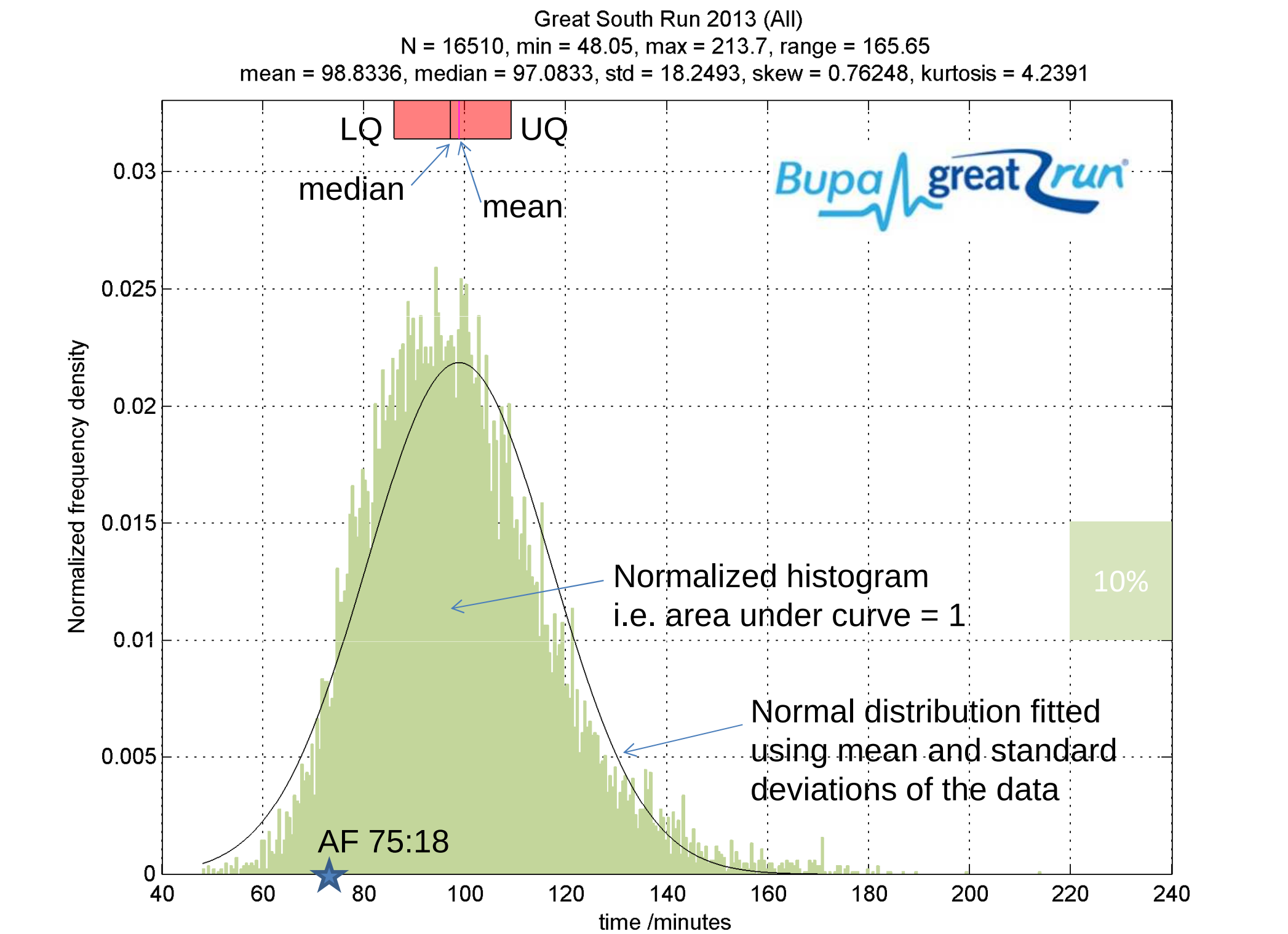
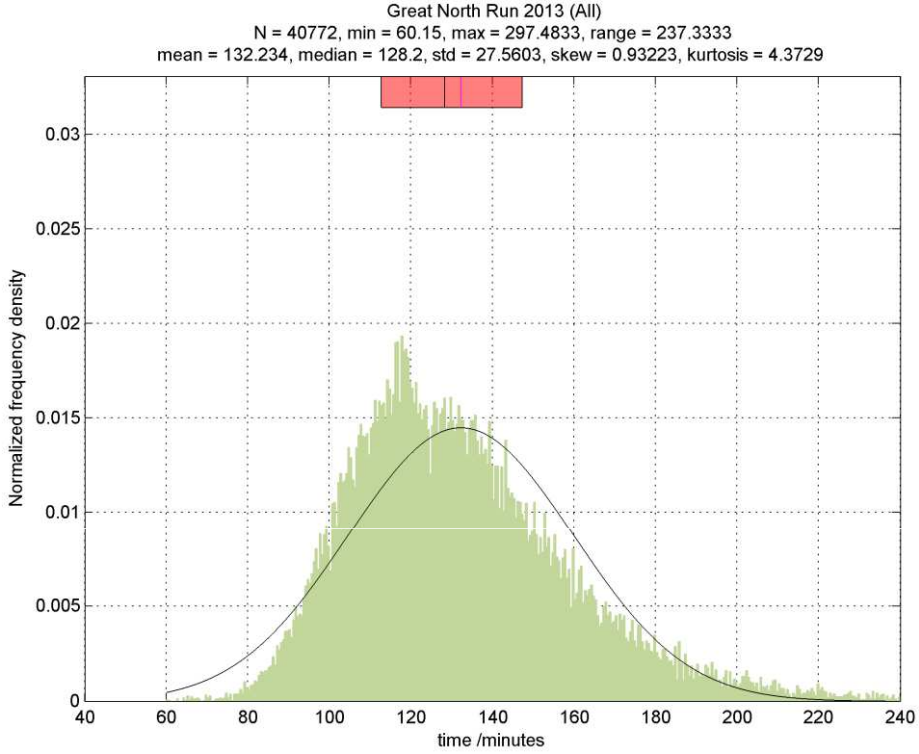
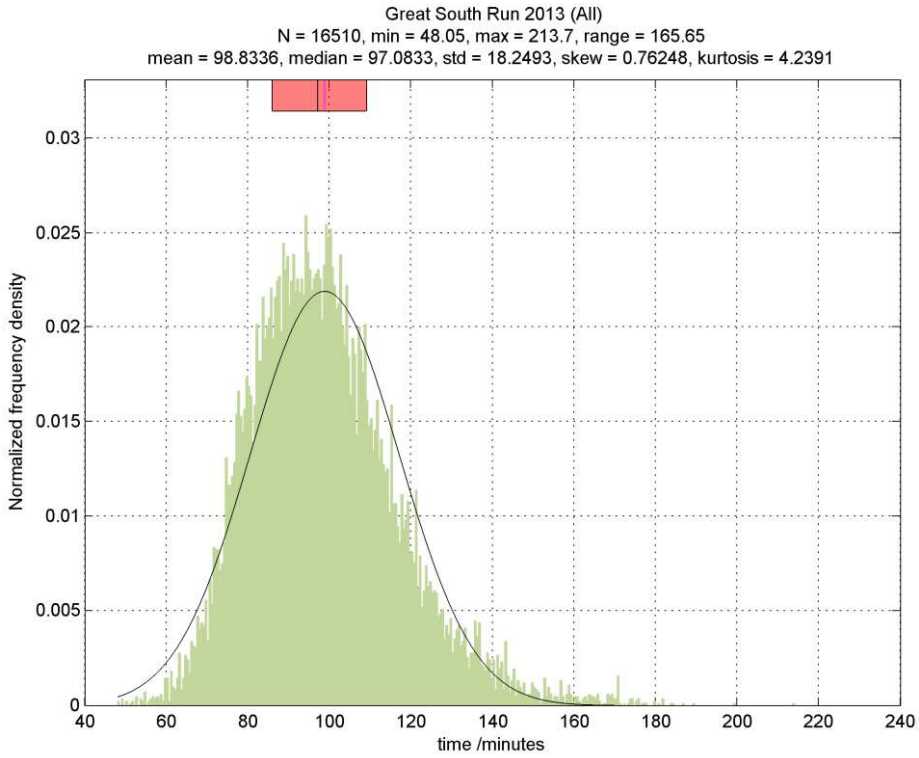


Analysis by Andrew French. November 2013

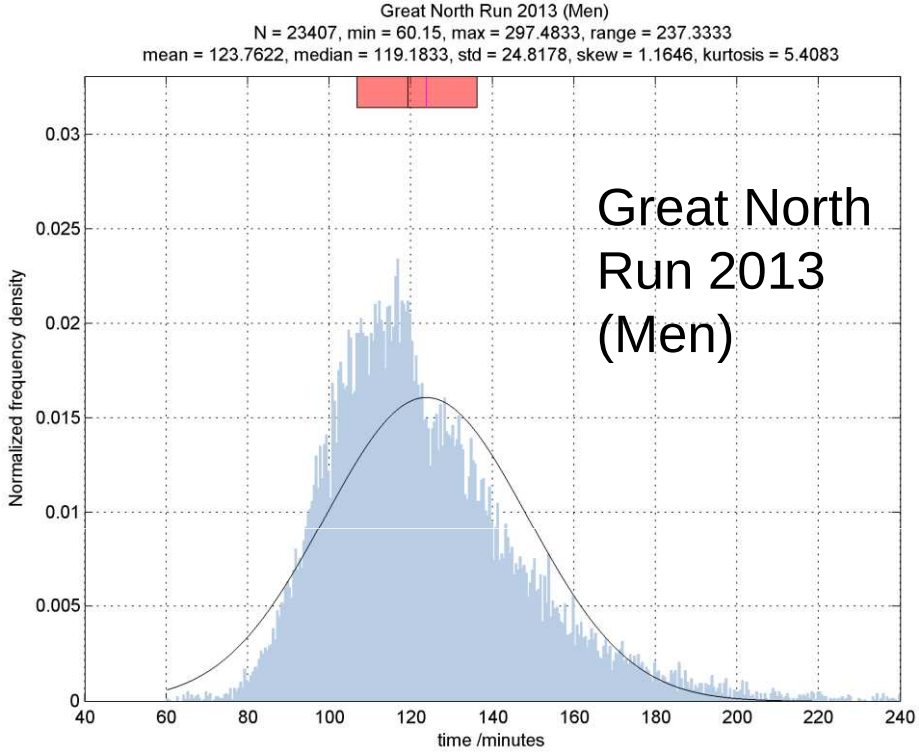


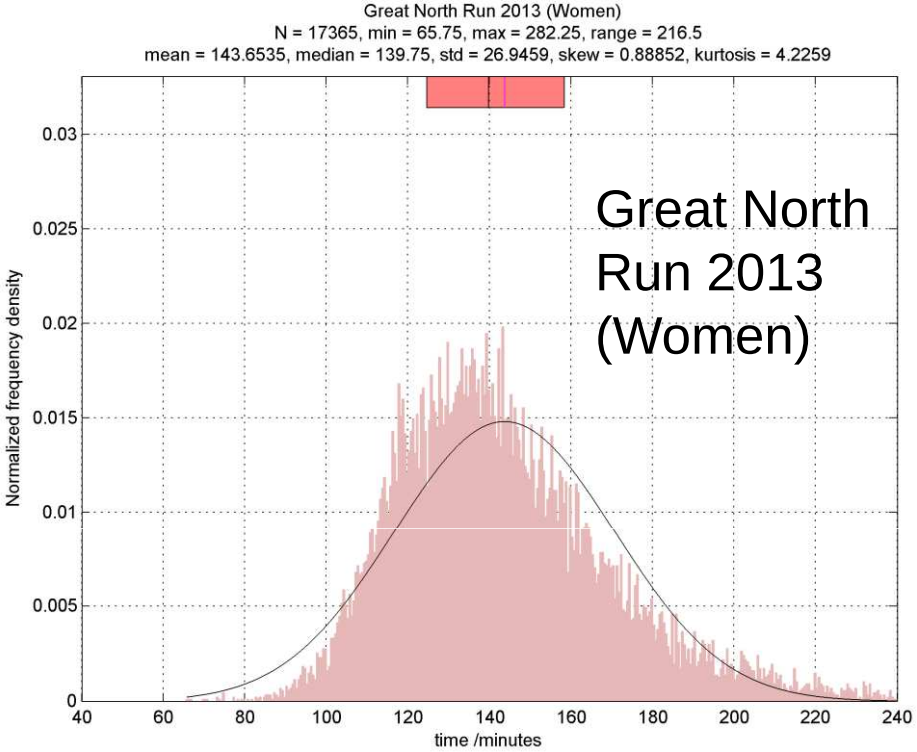


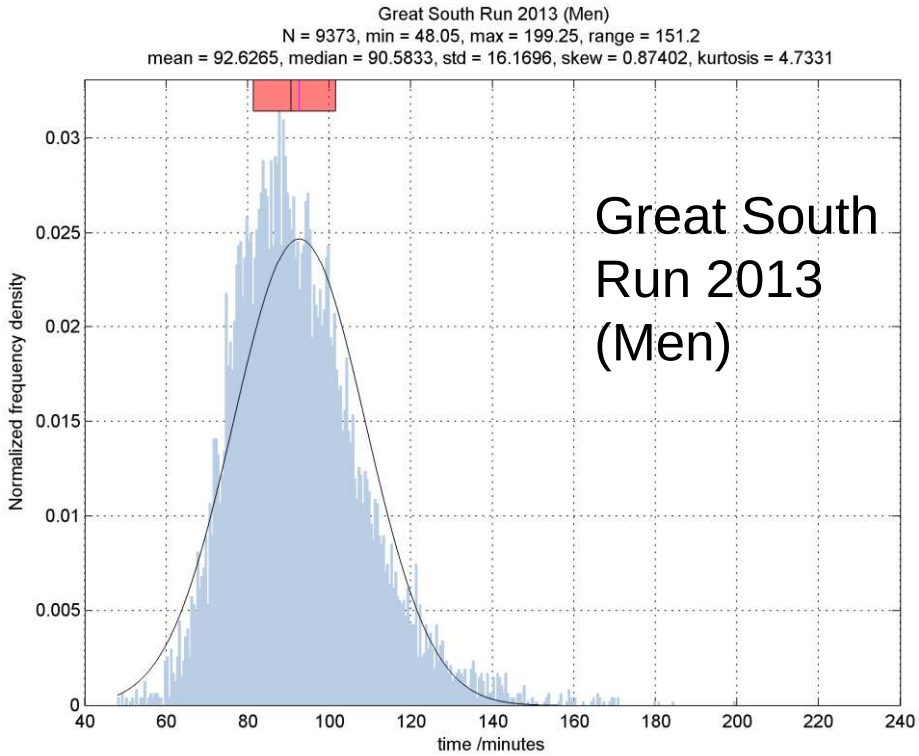
Men	185 205 229
Women	230 185 184
All	195 214 155

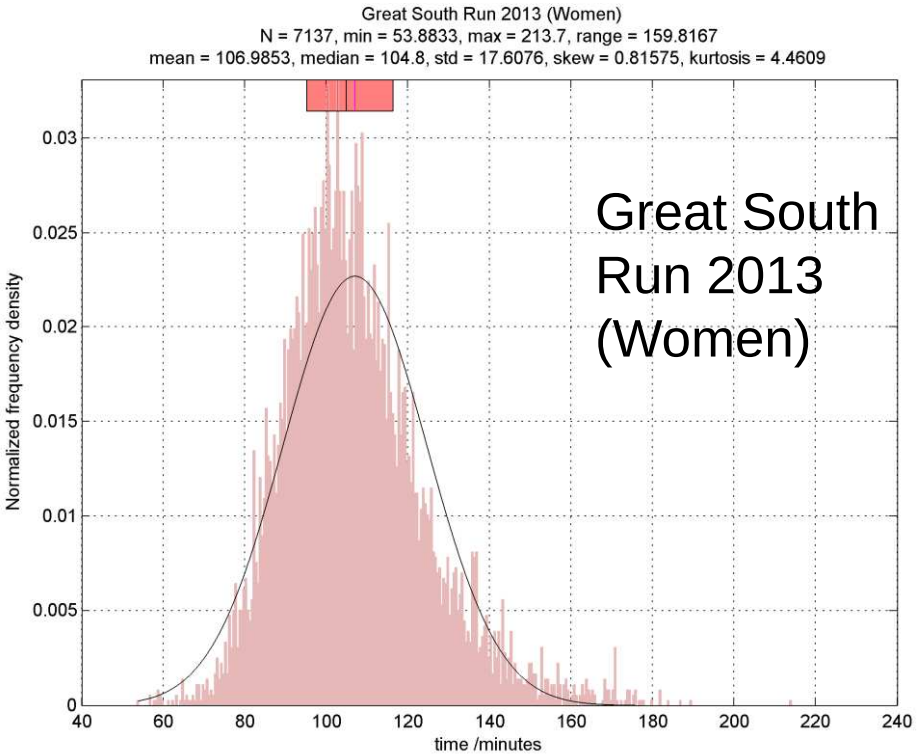
Great North Run 2013
vs Great South Run 2013

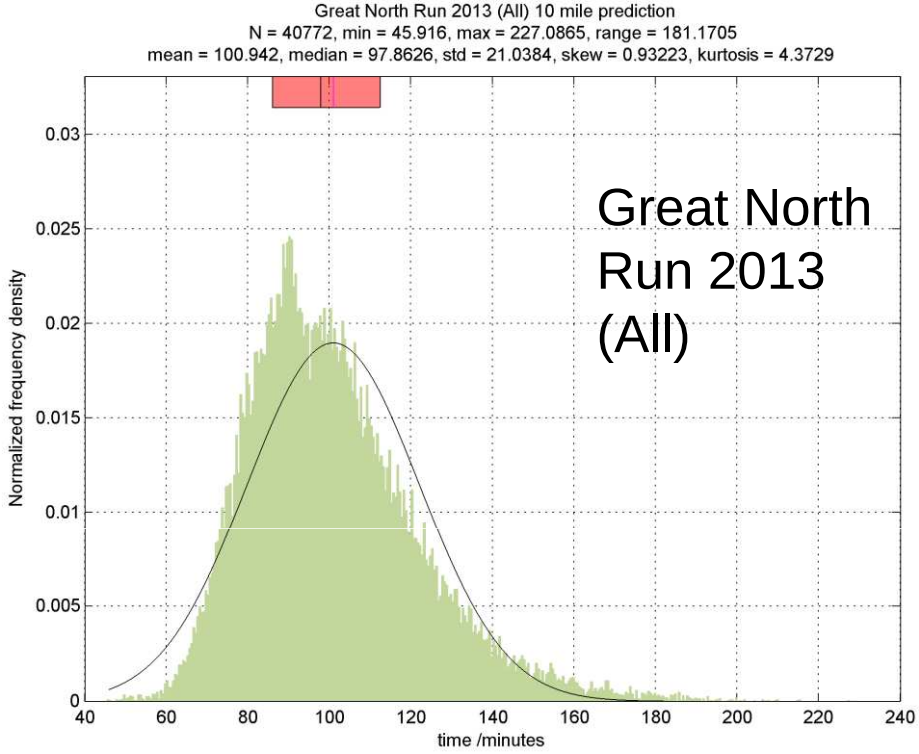
(All runners)

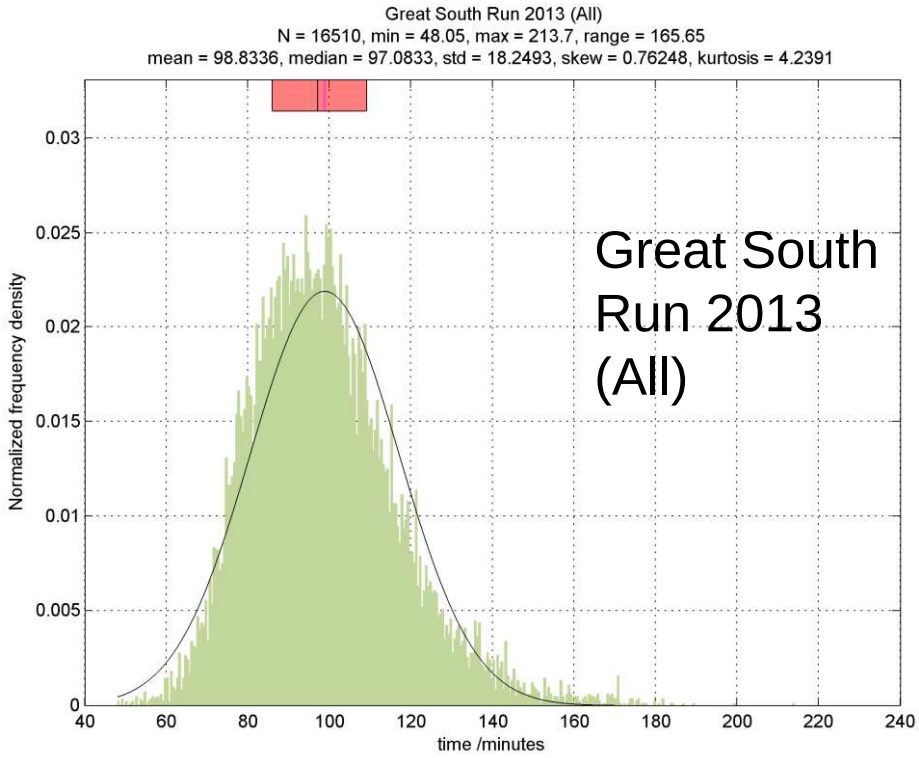

Great North Run 2013 (Men)
N = 23407, min = 60.15, max = 297.4833, range = 237.3333
mean = 123.7622, median = 119.1833, std = 24.8178, skew = 1.1646, kurtosis = 5.4083
Great North Run 2013 (Men)
Normalized frequency density
time /minutes


Great North Run 2013 (Women)
N = 17365, min = 65.75, max = 282.25, range = 216.5
mean = 143.6535, median = 139.75, std = 26.9459, skew = 0.88852, kurtosis = 4.2259
Great North Run 2013 (Women)
Normalized frequency density
time /minutes


Great South Run 2013 (Men)
N = 9373, min = 48.05, max = 199.25, range = 151.2
mean = 92.6265, median = 90.5833, std = 16.1696, skew = 0.87402, kurtosis = 4.7331
Great South Run 2013 (Men)
Normalized frequency density
time /minutes


Great South Run 2013 (Women)
N = 7137, min = 53.8833, max = 213.7, range = 159.8167
mean = 106.9853, median = 104.8, std = 17.6076, skew = 0.81575, kurtosis = 4.4609
Great South Run 2013 (Women)
Normalized frequency density
time /minutes

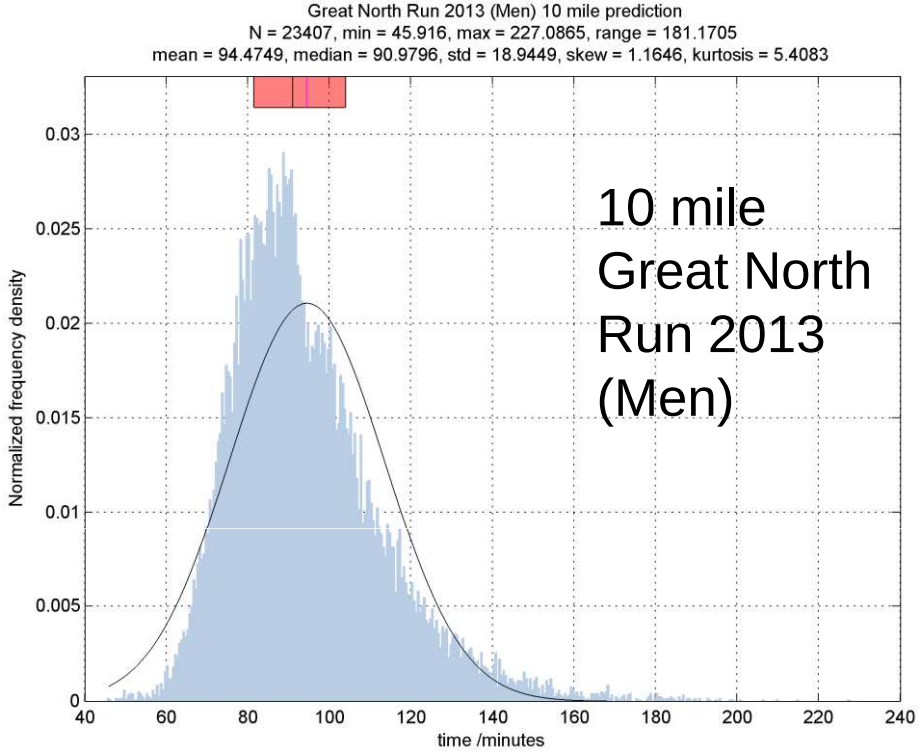


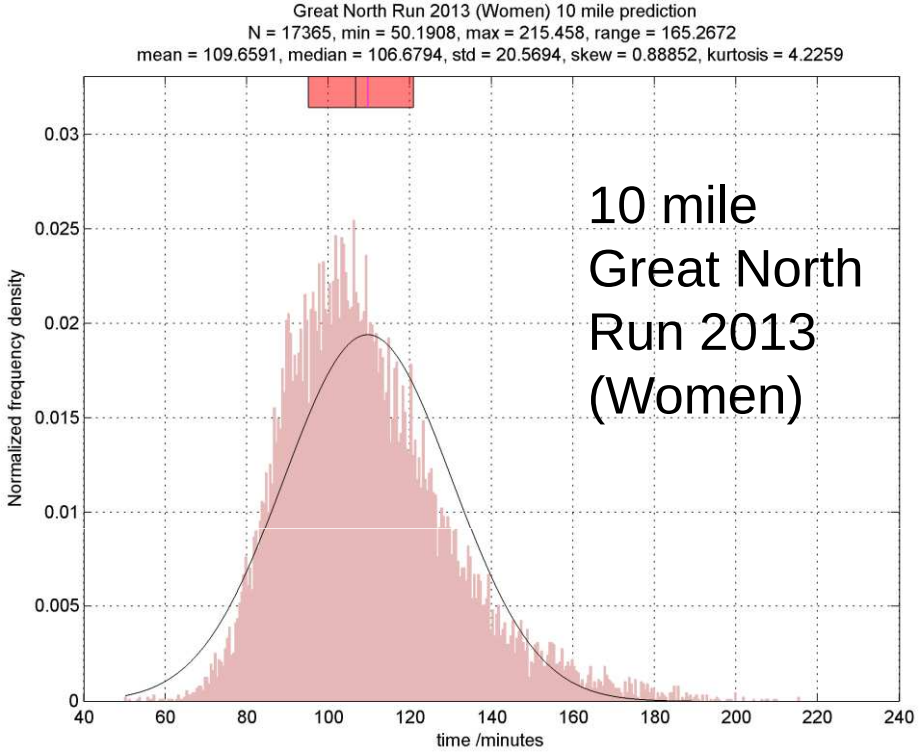


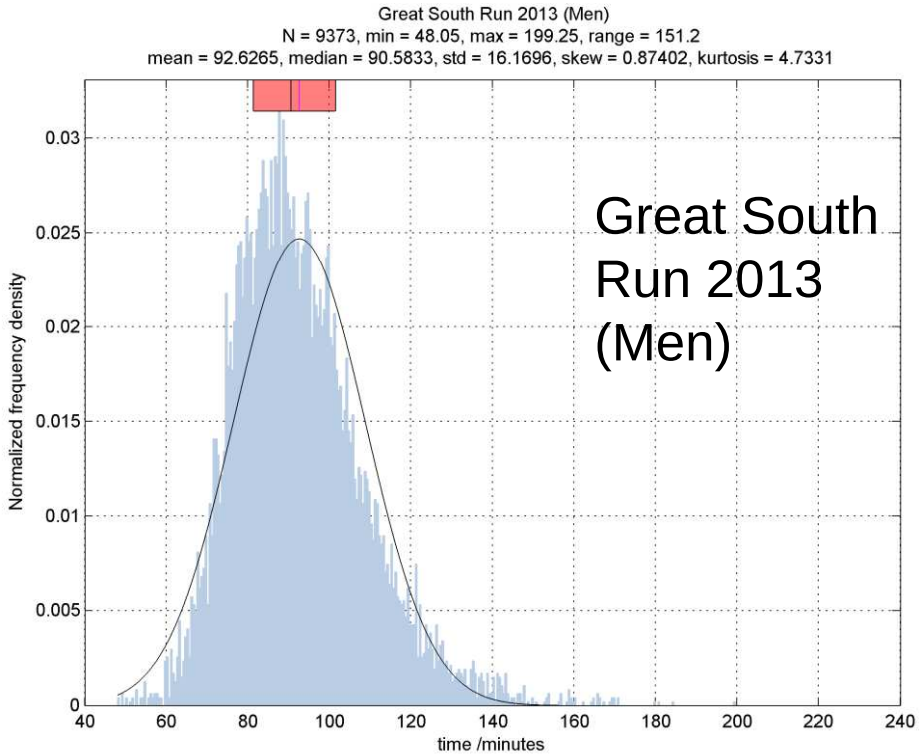
Great North Run times divided by 13.1/10

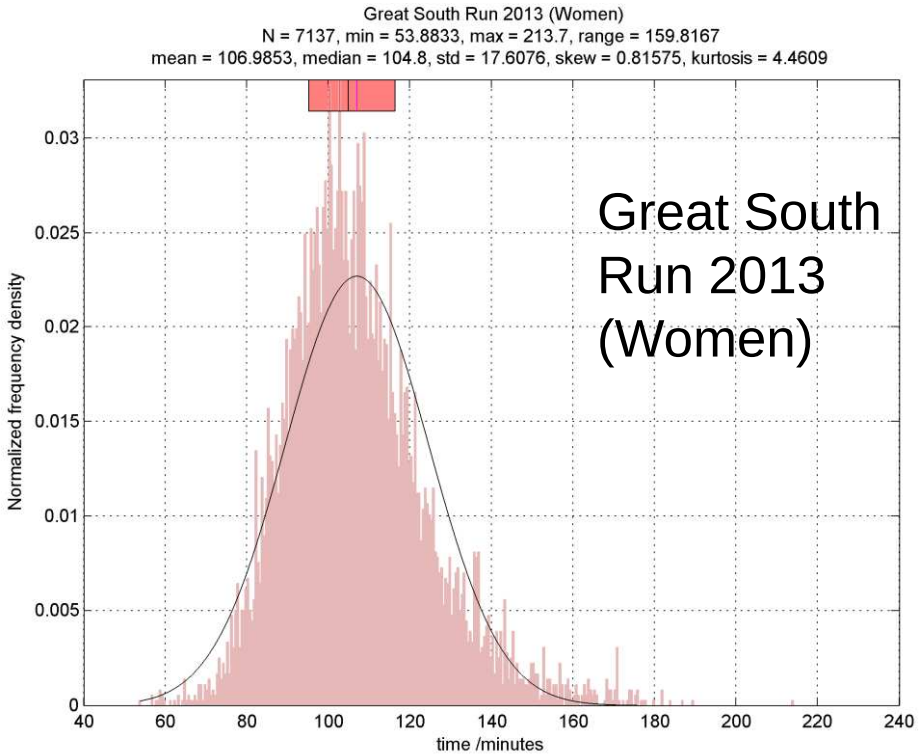
to enable a fair comparison between the North (13.1 miles) and South (10 mile) runs.

Note this assumes the same average pace for both races. This is unlikely to be true, especially for elite runners, and also the tail.


Great North Run 2013 (Men) 10 mile prediction
N = 23407, min = 45.916, max = 227.0865, range = 181.1705
mean = 94.4749, median = 90.9796, std = 18.9449, skew = 1.1646, kurtosis = 5.4083
Normalized frequency density
time /minutes
10 mile Great North Run 2013 (Men)


Great North Run 2013 (Women) 10 mile prediction
N = 17365, min = 50.1908, max = 215.458, range = 165.2672
mean = 109.6591, median = 106.6794, std = 20.5694, skew = 0.88852, kurtosis = 4.2259
Normalized frequency density
time /minutes
10 mile Great North Run 2013 (Women)


Great South Run 2013 (Men)
N = 9373, min = 48.05, max = 199.25, range = 151.2
mean = 92.6265, median = 90.5833, std = 16.1696, skew = 0.87402, kurtosis = 4.7331
Normalized frequency density
time /minutes
Great South Run 2013 (Men)


Great South Run 2013 (Women)
N = 7137, min = 53.8833, max = 213.7, range = 159.8167
mean = 106.9853, median = 104.8, std = 17.6076, skew = 0.81575, kurtosis = 4.4609
Normalized frequency density
time /minutes
Great South Run 2013 (Women)