

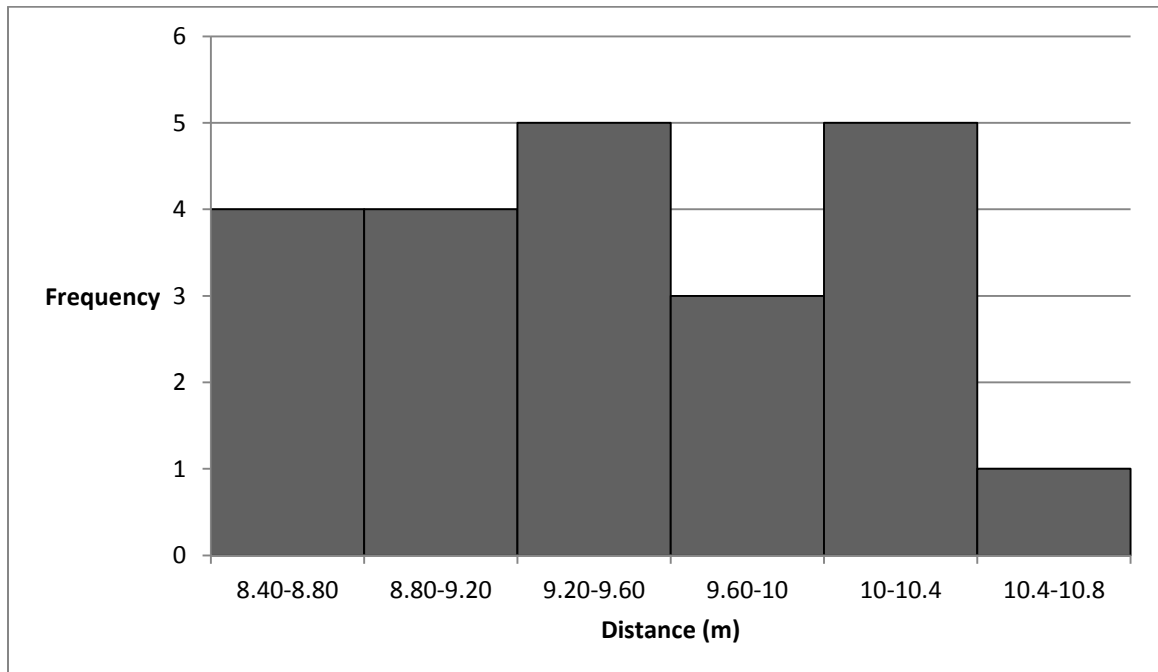
Statistical analysis project

Part 1

(a) 1st thrower

Distance	Frequency
8.40-8.80	4
8.80-9.20	4
9.20-9.60	5
9.60-10	3
10-10.4	5
10.4-10.8	1

Distance thrown by the 1st thrower

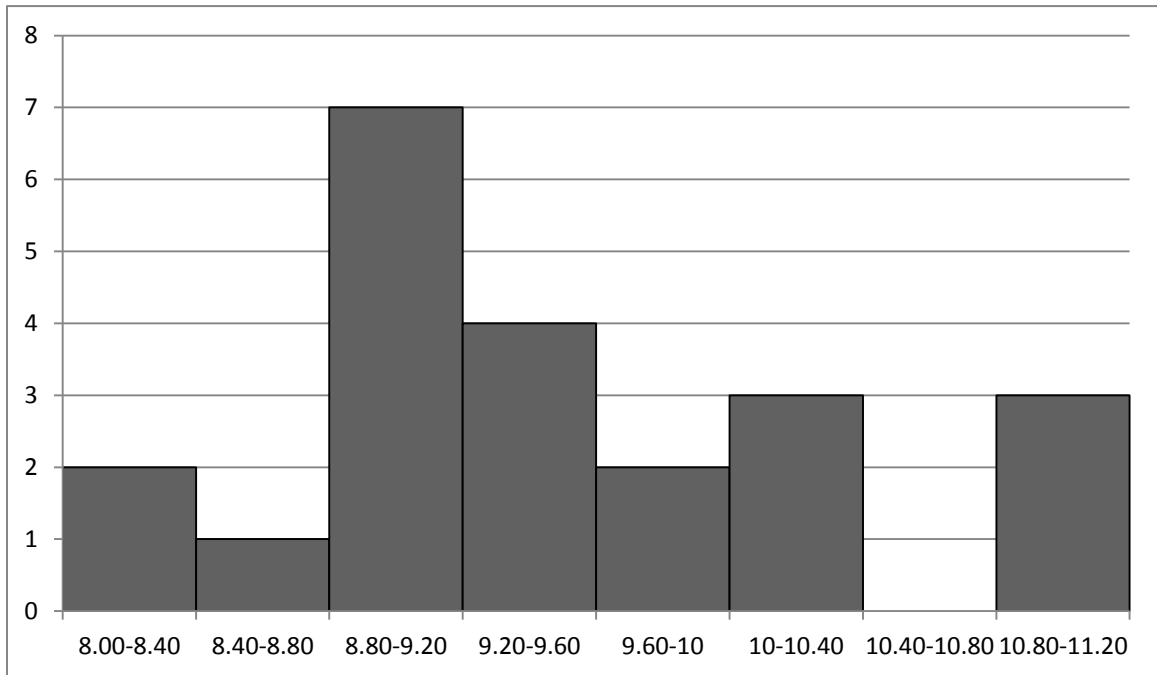


2nd thrower

Distance	Frequency
8.00-8.40	2
8.40-8.80	1
8.80-9.20	7

9.20-9.60	4
9.60-10	2
10-10.40	3
10.40-10.80	0
10.80-11.20	3

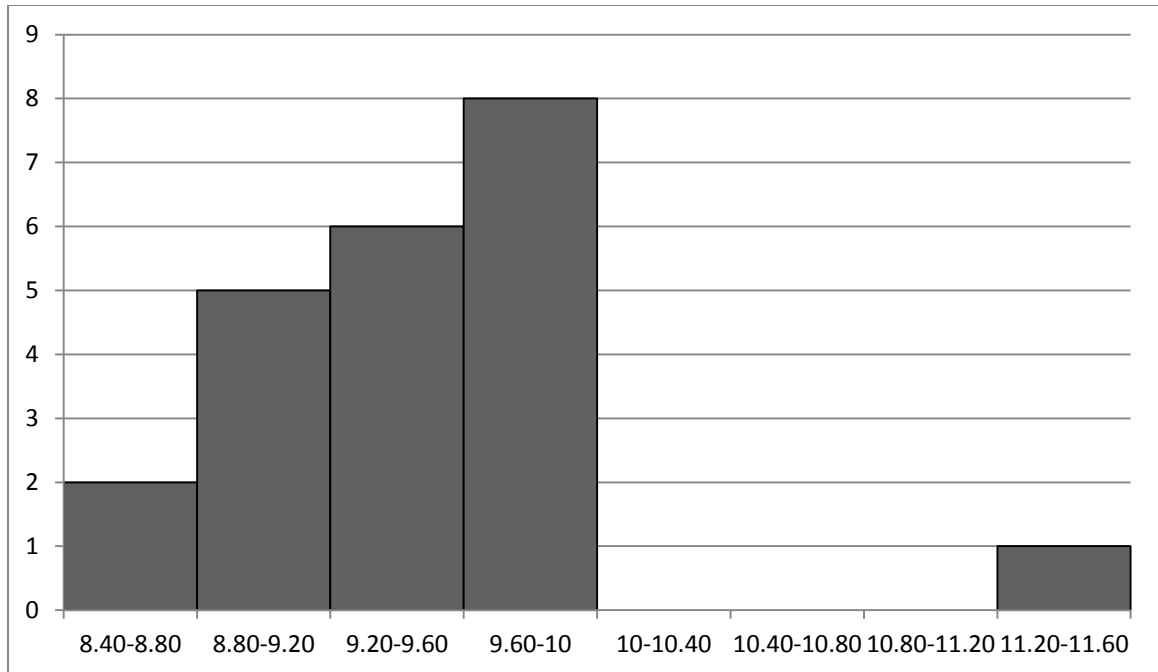
Distance thrown by the 2nd thrower



3rd thrower

Distance	Frequency
8.40-8.80	2
8.80-9.20	5
9.20-9.60	6
9.60-10	8
10-10.40	0
10.40-10.80	0
10.80-11.20	0
11.20-11.60	1

Distance thrown by the 3rd thrower



(b) 1st thrower

- Mean = 9.43
- Median = 9.35
- Mode = 10.01

2nd thrower

- Mean = 9.48
- Median = 9.30
- Mode = 9.35

3rd thrower

- Mean = 9.47
- Median = 9.44
- Mode = 9.94

(c) 1st thrower

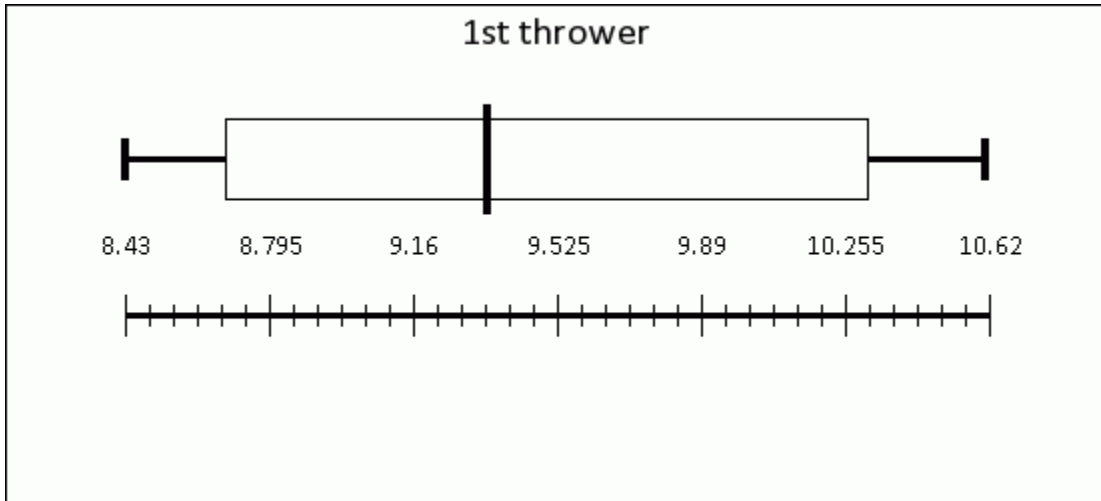
Minimum = 8.43

Q1 = 8.94

Median = 9.35

Q3 = 10.01

Maximum = 10.62



2nd thrower

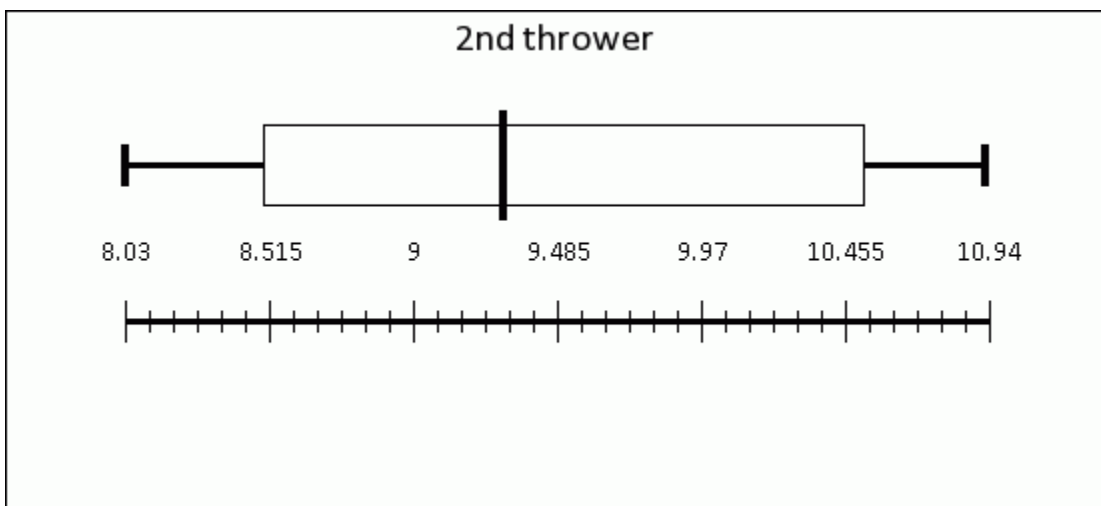
Minimum = 8.03

Q1 = 8.96

Median = 9.30

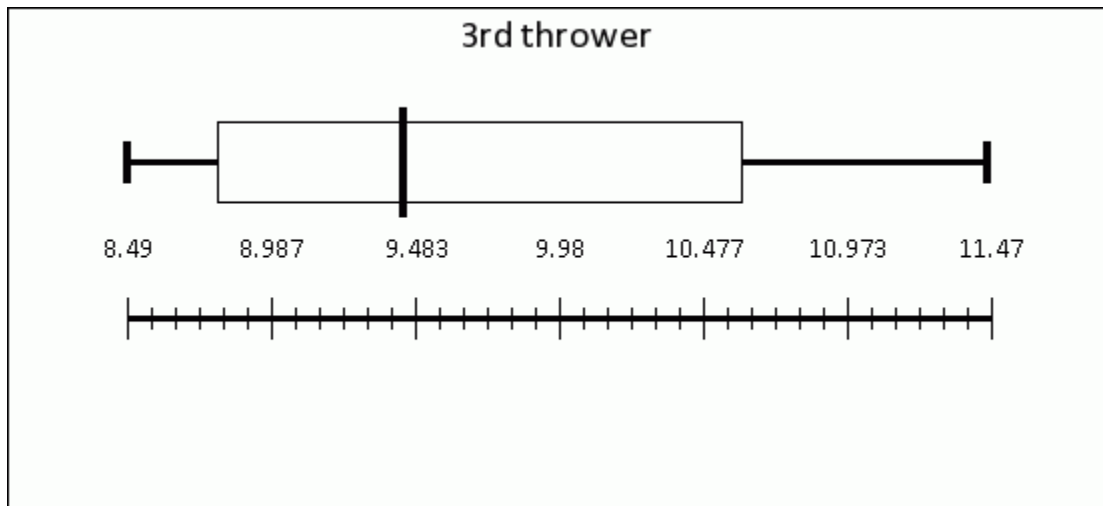
Q3 = 10.10

Maximum = 10.94



3rd thrower

Minimum = 8.49
Q1 = 9.12
Median = 9.44
Q3 = 9.75
Maximum = 11.47



Part 2

I think the 3rd thrower is the best because his median and maximum distances are the highest of all. The minimum distance thrown is the highest of all. Also his mean distance is the second highest. But it is negligible the difference is only 0.01 meters.

Part 4

At the end of the training week, the 1st thrower is the best because he has the highest records. According to the analysis of the additional data the 3rd thrower is not much talented at the end of the training week.