

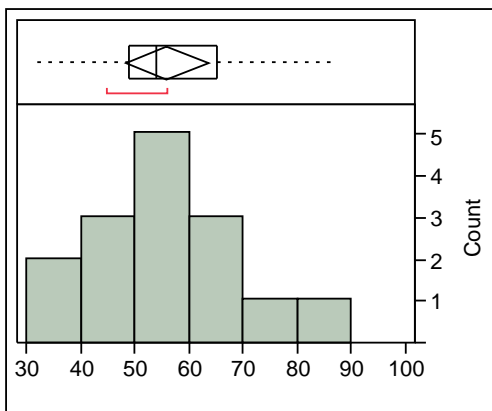
JMP Output for Workout Time Data

JMP Data Table: 30 rows, 2 columns (Time – numerical, Sex – categorical)

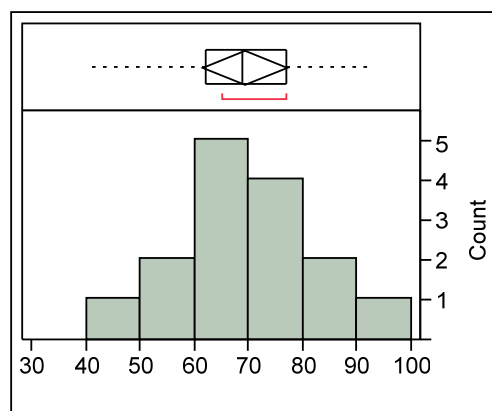
JMP Commands: Analyze – Distribution: Put Time in Y, Columns, Sex in By, Click on OK.

**JMP Output: Red triangle next to Distributions Sex=F – Stack, Uniform Scaling.
 Red triangle next to Time – Histogram Options – Count Axis
 Red triangle next to Distributions Sex=M – Uniform Scaling.
 Red triangle next to Octane – Histogram Options – Count Axis**

Time Sex=F



Time Sex=M



Sample Statistics Sex=F

100.0%	maximum	86
75.0%	quartile	65
50.0%	median	54
25.0%	quartile	49
0.0%	minimum	32
	Mean	55.866667
	Std Dev	13.527045
	N	15

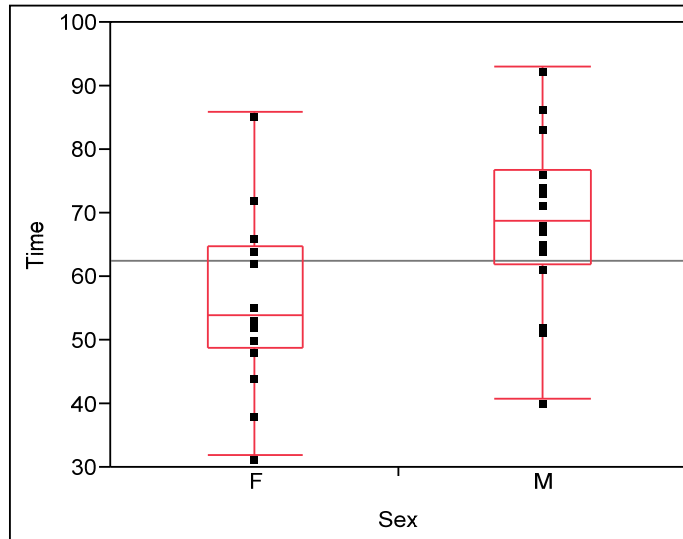
Sample Statistics Sex=M

100.0%	maximum	93
75.0%	quartile	77
50.0%	median	69
25.0%	quartile	62
0.0%	minimum	41
	Mean	69.2
	Std Dev	13.790266
	N	15

JMP Commands: Analyze – Fit Y by X: Put Time in Y, Response, Sex in X, Factor, Click on OK.

JMP Output: Red triangle next to Oneway Analysis of Time By Sex=F – Display Options – Box Plots.

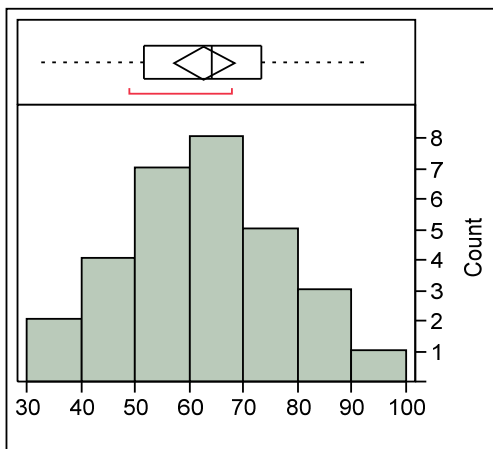
Oneway Analysis of Time By Sex



JMP Commands: Analyze – Distribution: Put Time in Y, Click on OK.

**JMP Output: Red triangle next to Distributions – Stack.
Red triangle next to Time – Histogram Options – Count Axis**

Time



Summary Statistics (F and M)

100.0%	maximum	93
75.0%	quartile	73.25
50.0%	median	64
25.0%	quartile	51.75
0.0%	minimum	32
	Mean	62.533333
	Std Dev	15.037272
	N	30