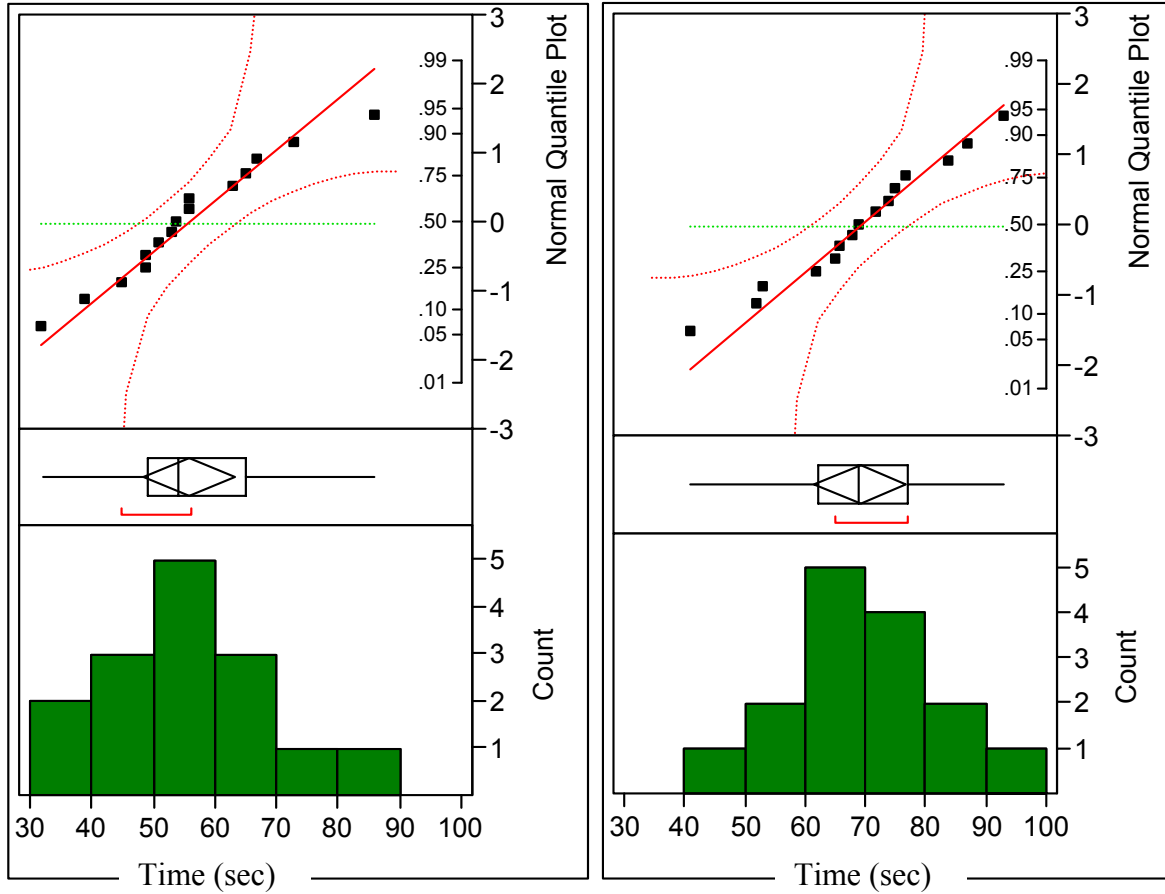


# JMP Analysis of Workout Times

Sex=F

Sex=M

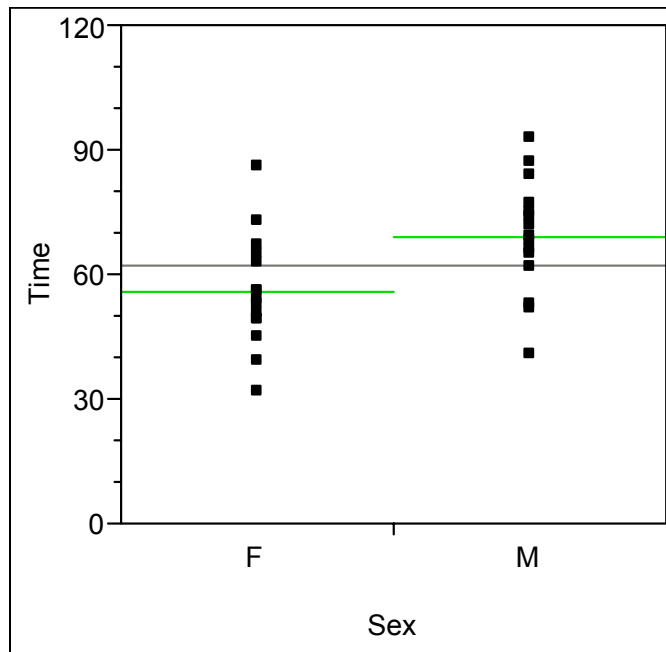


## Moments

Sex=F	
Mean	55.87
Std Dev	13.527
Std Err Mean	3.4927
N	15

Sex=M	
Mean	69.2
Std Dev	13.790
Std Err Mean	3.5606
N	15

## Two Independent Samples: t-test and confidence interval on the difference in two population means



### Means and Std Deviations

Level	Number	Mean	Std Dev	Std Err Mean	Lower 95%	Upper 95%
F	15	55.8667	13.5270	3.4927	48.376	63.358
M	15	69.2000	13.7903	3.5606	61.563	76.837

### t Test

F-M

Assuming unequal variances

Difference	<b>-13.333</b>	t Ratio	<b>-2.67326</b>
Std Err Dif	4.988	DF	27.98961
Upper CL Dif	<b>-3.116</b>	Prob >  t	<b>0.0124</b>
Lower CL Dif	<b>-23.550</b>	Prob > t	0.9938
Confidence	0.95	Prob < t	0.0062

