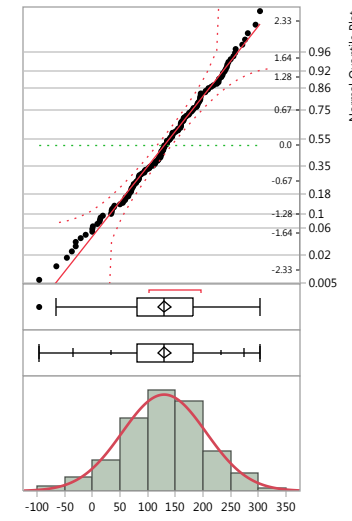


Distributions

hgtdiff



Quantiles		
100.0%	maximum	303
99.5%		303
97.5%		274.75
90.0%		233
75.0%	quartile	182
50.0%	median	130
25.0%	quartile	80
10.0%		34
2.5%		-35.25
0.5%		-96
0.0%	minimum	-96

Summary Statistics	
Mean	129.82249
Std Dev	76.021092
Std Err Mean	5.8477763
Upper 95% Mean	141.36708
Lower 95% Mean	118.27789
N	169

Fitted Normal				
Parameter Estimates				
Type	Parameter	Estimate	Lower 95%	Upper 95%
Location	μ	129.82249	118.27789	141.36708
Dispersion	σ	76.021092	68.68865	85.119854
-2log(Likelihood) = 1942.48288316421				

Goodness-of-Fit Test		
Shapiro-Wilk W Test		
W	Prob < W	
0.992060	0.4787	

Note: Ho = The data is from the Normal distribution. Small p-values reject Ho.

Normal(129.822,76.0211)

Stem and Leaf		
Stem	Leaf	Count
3	0 0	2
2	5 5 6 6 6 7 8 8	8
2	0 0 0 0 0 0 1 1 1 2 2 3 3 3 3 4 4 4 4 4 4	23
1	5 5 5 5 5 6 6 6 6 6 6 6 6 6 6 6 7 7 7 7 7 7 8 8 8 8 8 8 8 8 9 9 9 9 9 9 9	39
1	0 0 0 0 1 1 1 1 1 1 2 2 2 2 2 2 2 2 3 3 3 3 3 3 3 3 3 3 3 3 4 4 4 4 4 4 4 4 4 4 4 4 4	44
0	5 6 6 6 6 6 7 7 7 7 7 7 7 7 7 7 8 8 8 8 8 8 8 8 8 8 9 9 9 9 9 9 9	31
0	1 1 1 2 3 4 4 4 4 4 4	11
-0	4 3 3 2 1 0 0 0	8
-0	6 5	2
-1	0	1

0|0 represents 0

Test Mean	
Hypothesized Value	100
Actual Estimate	129.822
DF	168
Std Dev	76.0211

Confidence Intervals				
Parameter	Estimate	Lower CI	Upper CI	1-Alpha
Mean	129.8225	118.2779	141.3671	0.950
Std Dev	76.02109	68.68867	85.11985	0.950

	t Test	Signed-Rank
Test Statistic	5.0998	3120.500
Prob > t	<.0001 *	<.0001 *
Prob > t	<.0001 *	<.0001 *
Prob < t	1.0000	1.0000

