

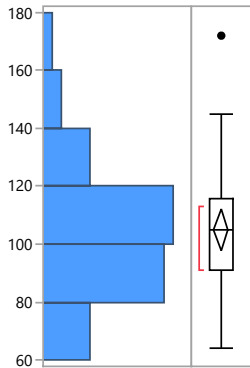
# **Data Analysis Report Using JMP®**

**Team Name**

**04May2020:13:25:20**

**Distributions**

**weight**



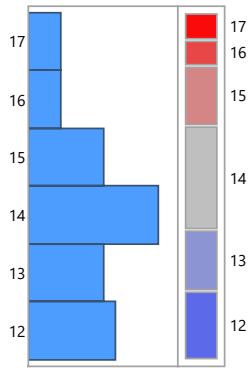
**Quantiles**

100.0%	maximum	172
99.5%		172
97.5%		171.325
90.0%		133.4
75.0%	quartile	115.75
50.0%	median	105
25.0%	quartile	91.25
10.0%		79
2.5%		64.075
0.5%		64
0.0%	minimum	64

**Summary Statistics**

Mean	105
Std Dev	22.201871
Std Err Mean	3.510424
Upper 95% Mean	112.1005
Lower 95% Mean	97.899497
N	40

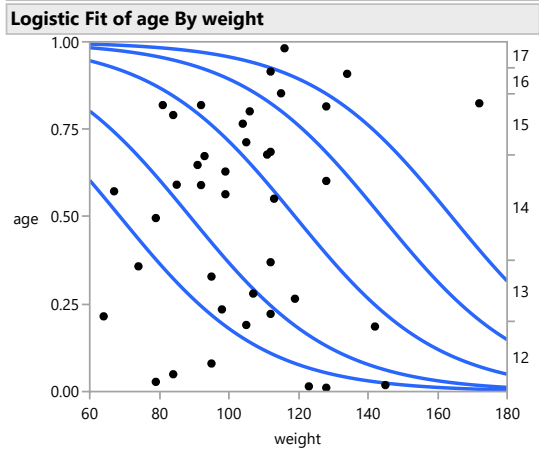
**age**



**Frequencies**

Level	Count	Prob
12	8	0.20000
13	7	0.17500
14	12	0.30000
15	7	0.17500
16	3	0.07500
17	3	0.07500
Total	40	1.00000

N Missing 0  
6 Levels



**Whole Model Test**

Model	-LogLikelihood	DF	ChiSquare	Prob>ChiSq
Difference	5.037918	1	10.07584	0.0015*
Full	62.228433			
Reduced	67.266350			

RSquare (U) 0.0749  
 AICc 139.002  
 BIC 146.59  
 Observations (or Sum Wgts) 40

**Parameter Estimates**

Term	Estimate	Std Error	ChiSquare	Prob>ChiSq
Intercept[12]	3.32762621	1.5008175	4.92	0.0266*
Intercept[13]	4.30302201	1.5362083	7.85	0.0051*
Intercept[14]	5.76535803	1.6420673	12.33	0.0004*
Intercept[15]	6.9697027	1.7514944	15.83	<.0001*
Intercept[16]	7.9440202	1.8617572	18.21	<.0001*
weight	-0.0484231	0.0148457	10.64	0.0011*