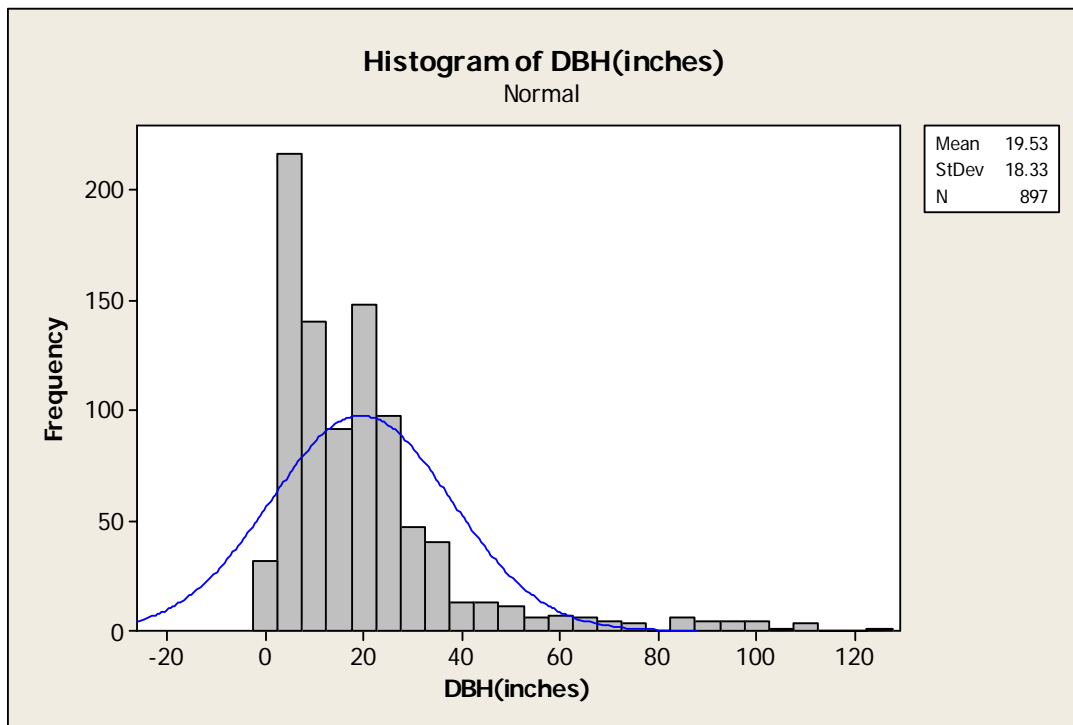
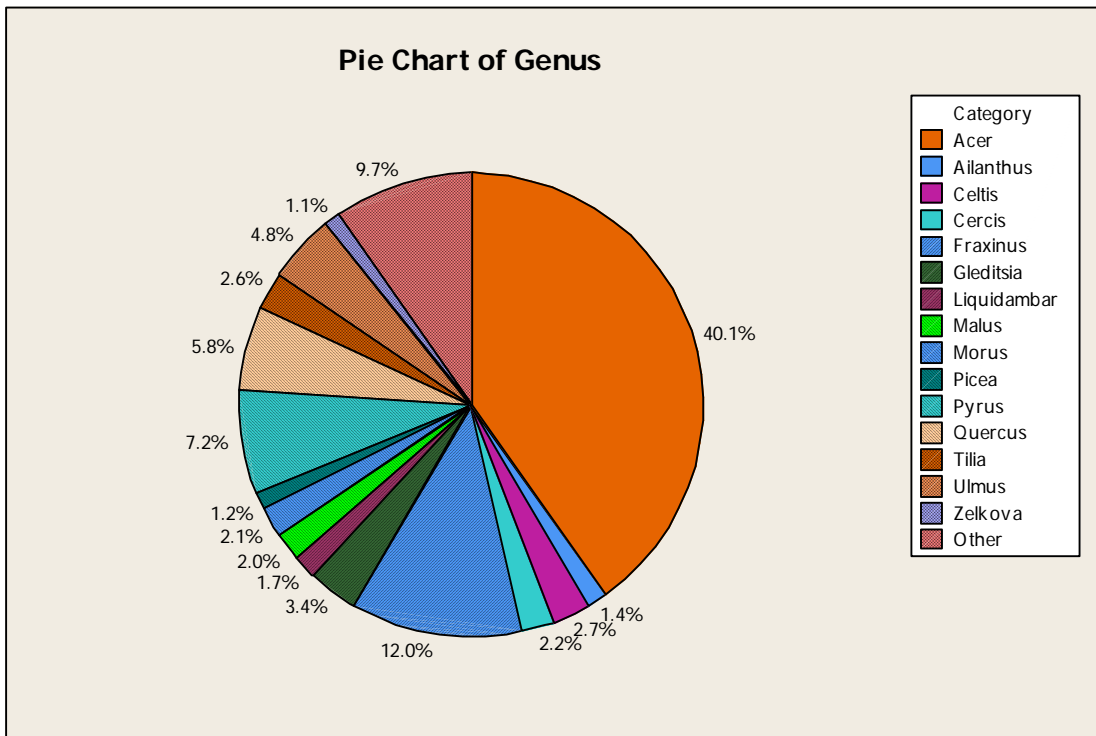
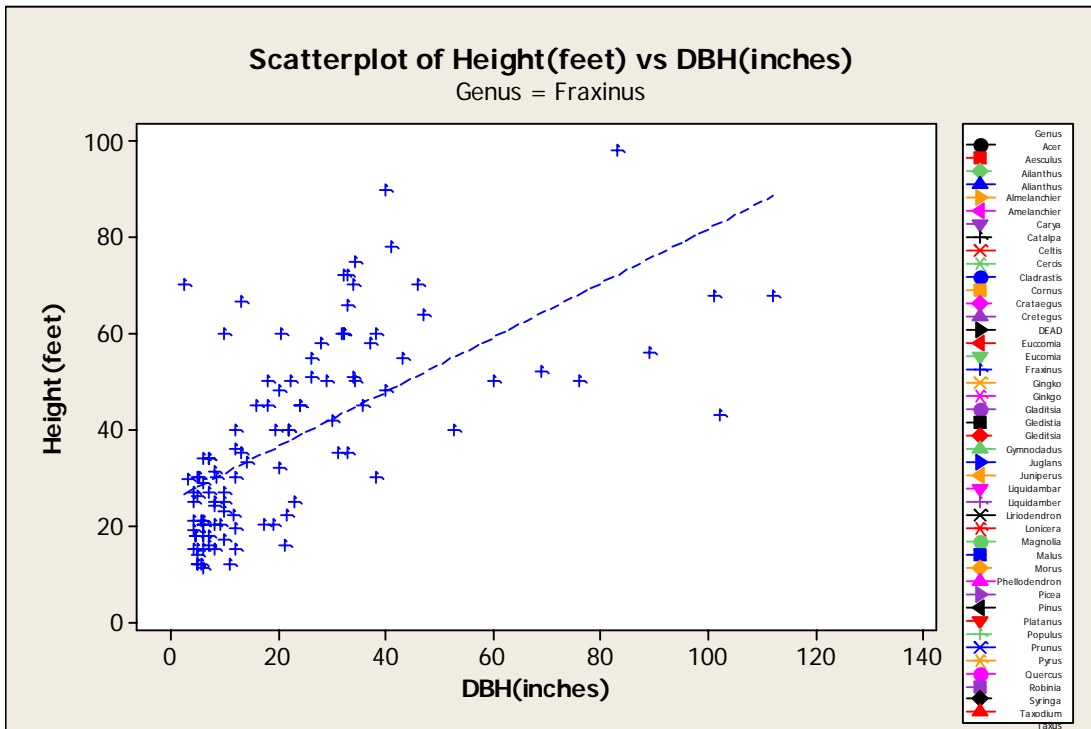
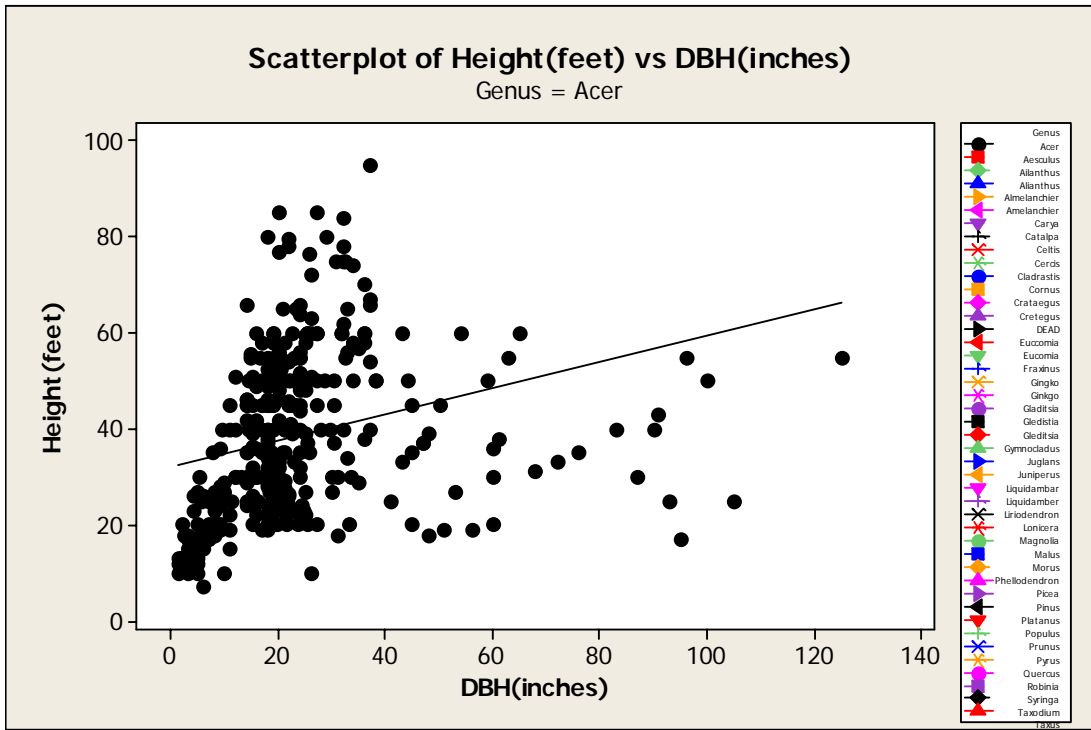
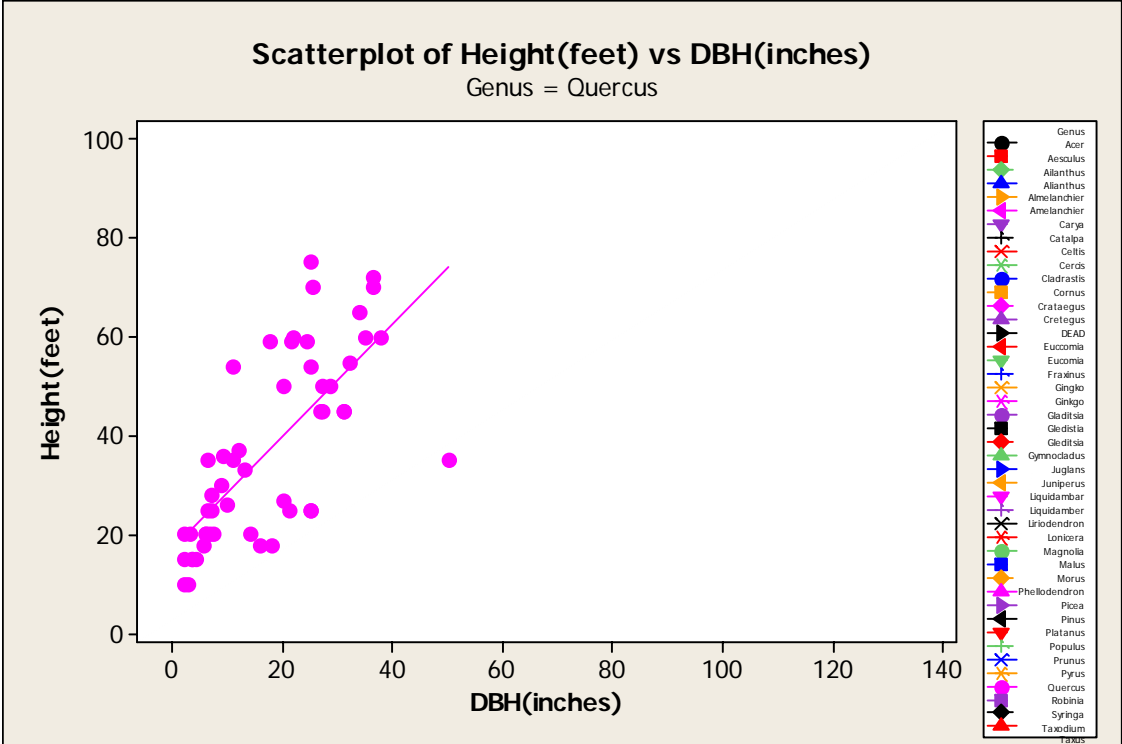
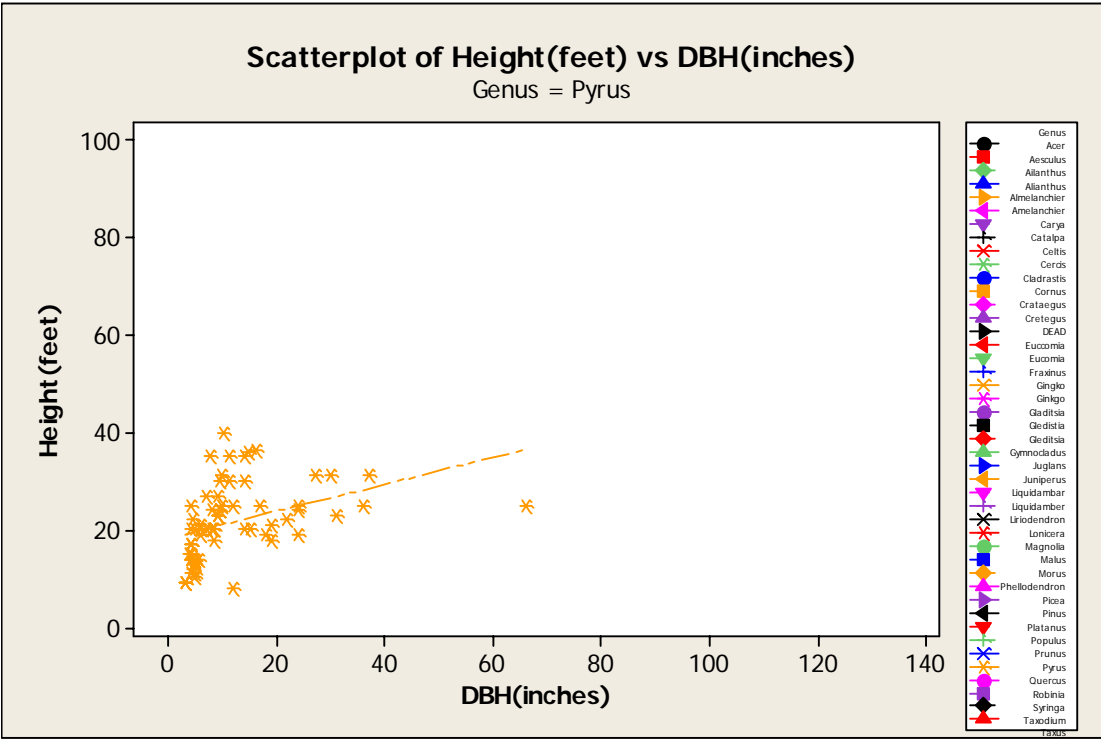
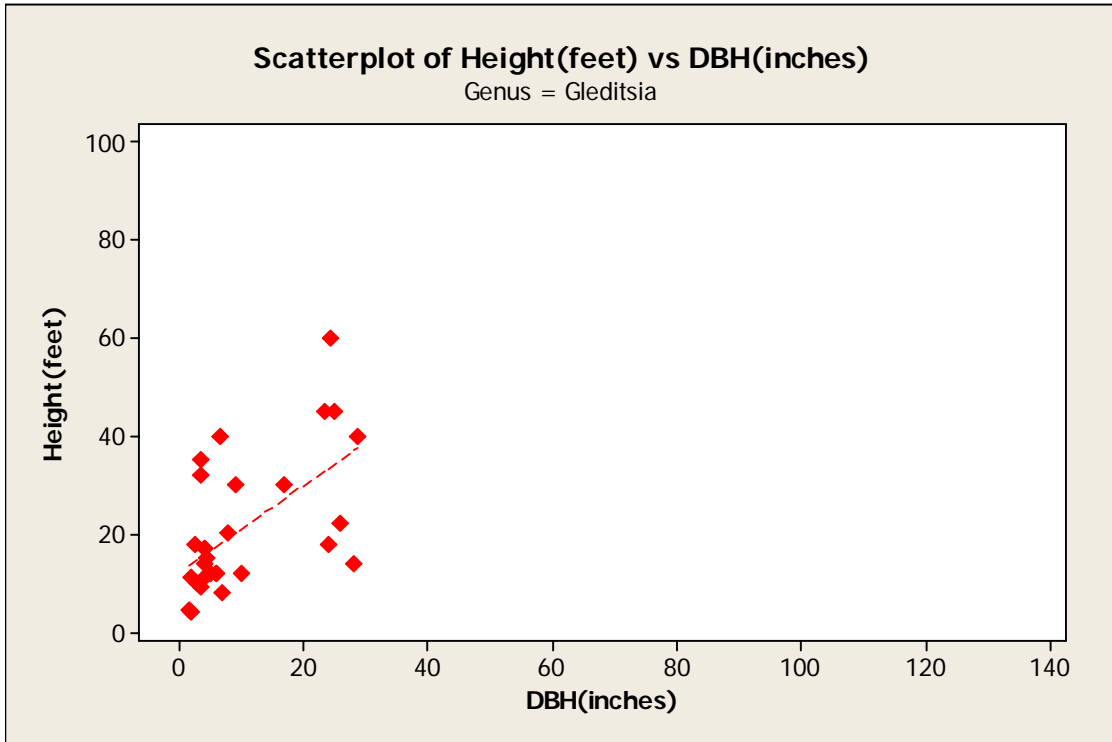
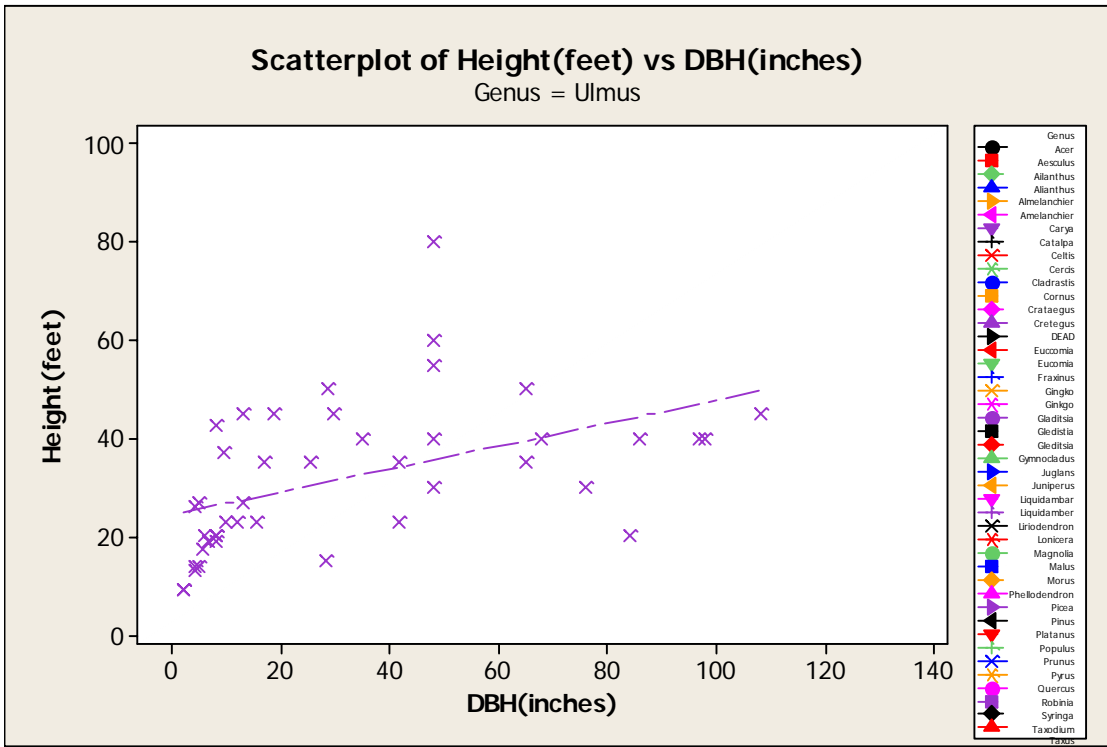


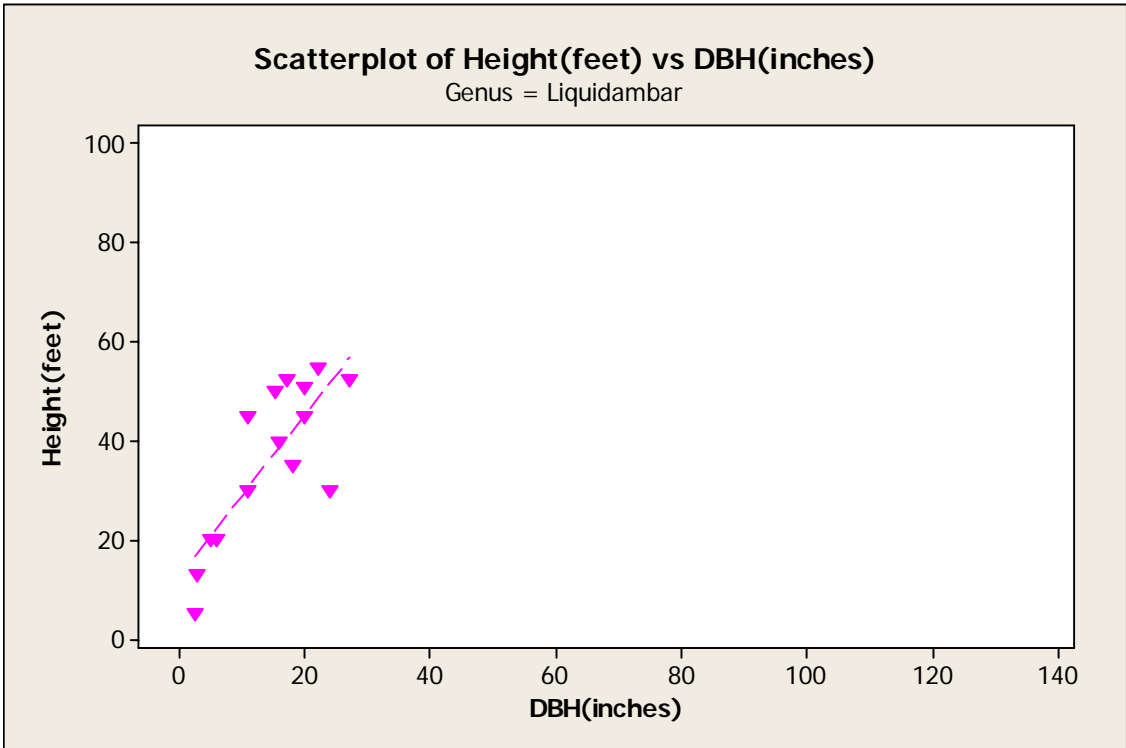
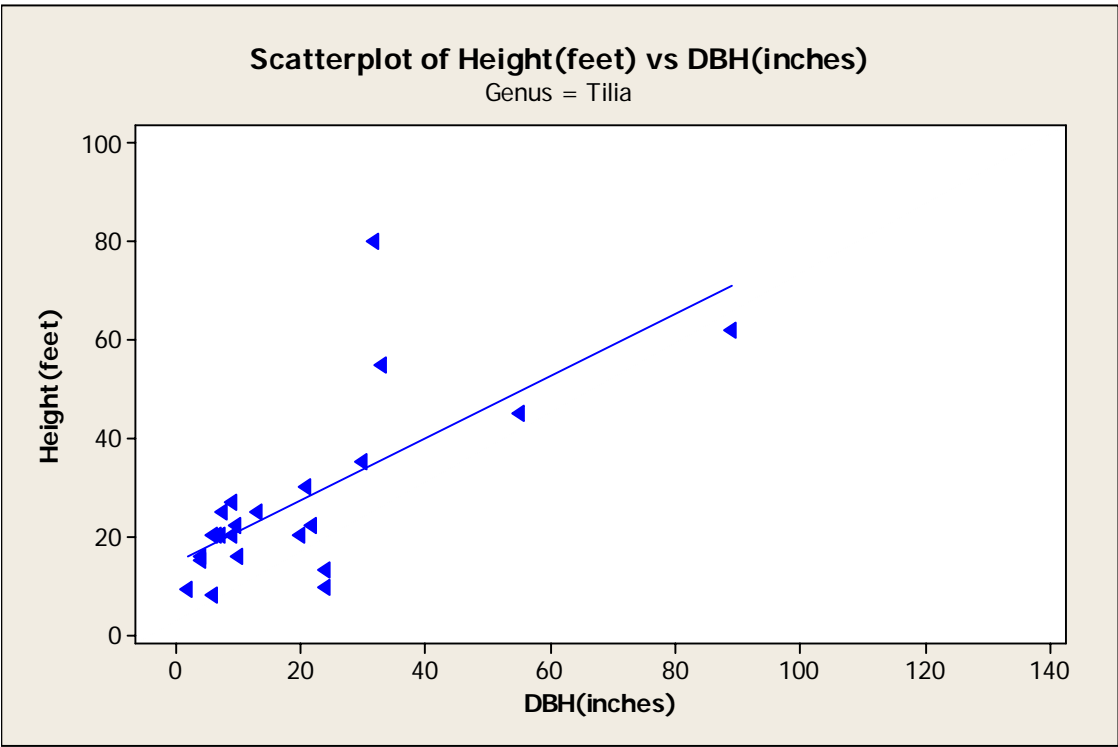
'W:\public.www\mudescd\Dendrology\OxfordTreeMapProject\CompositeOxfordTreeMapDendrologyProject2007\_2008\_2009work.xls'  
 Worksheet was saved on Tue Dec 15 2009











## Regression Analysis: ln (Height) versus ln(DBH)

The regression equation is  
 $\ln(\text{Height}) = 2.30 + 0.419 \ln(\text{DBH})$

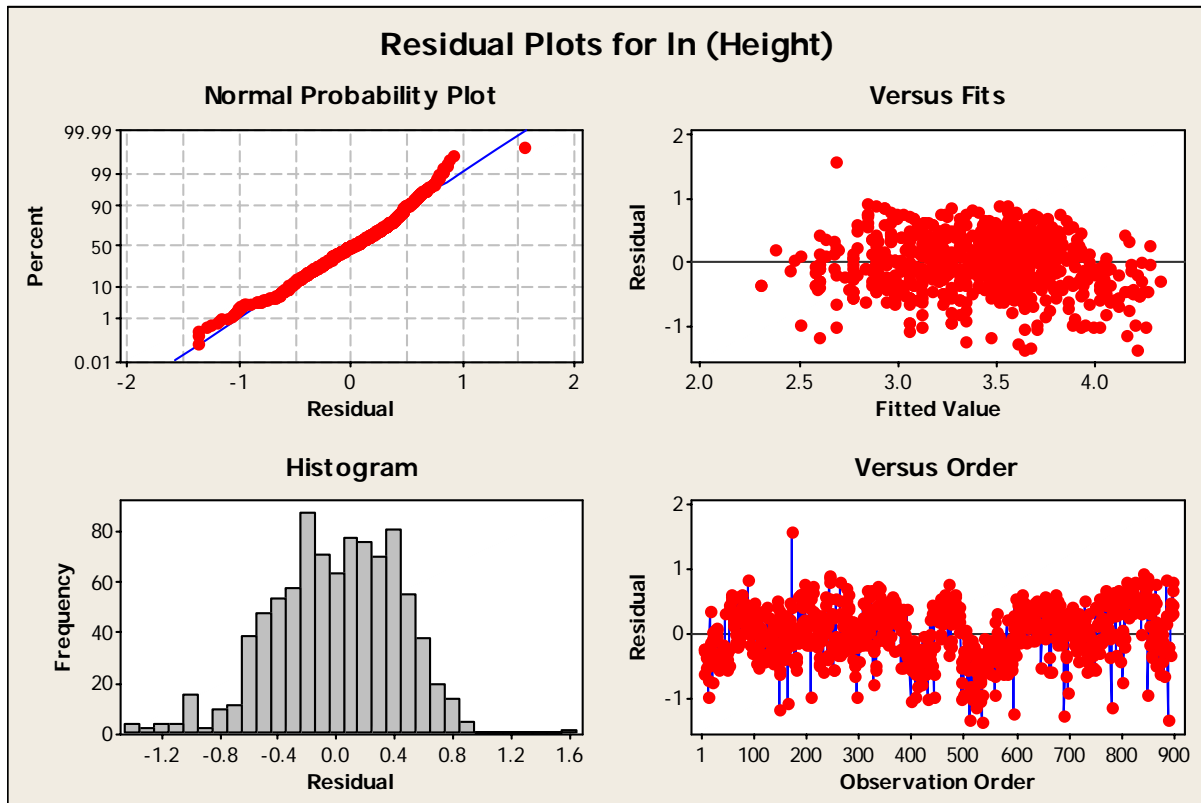
897 cases used, 3 cases contain missing values

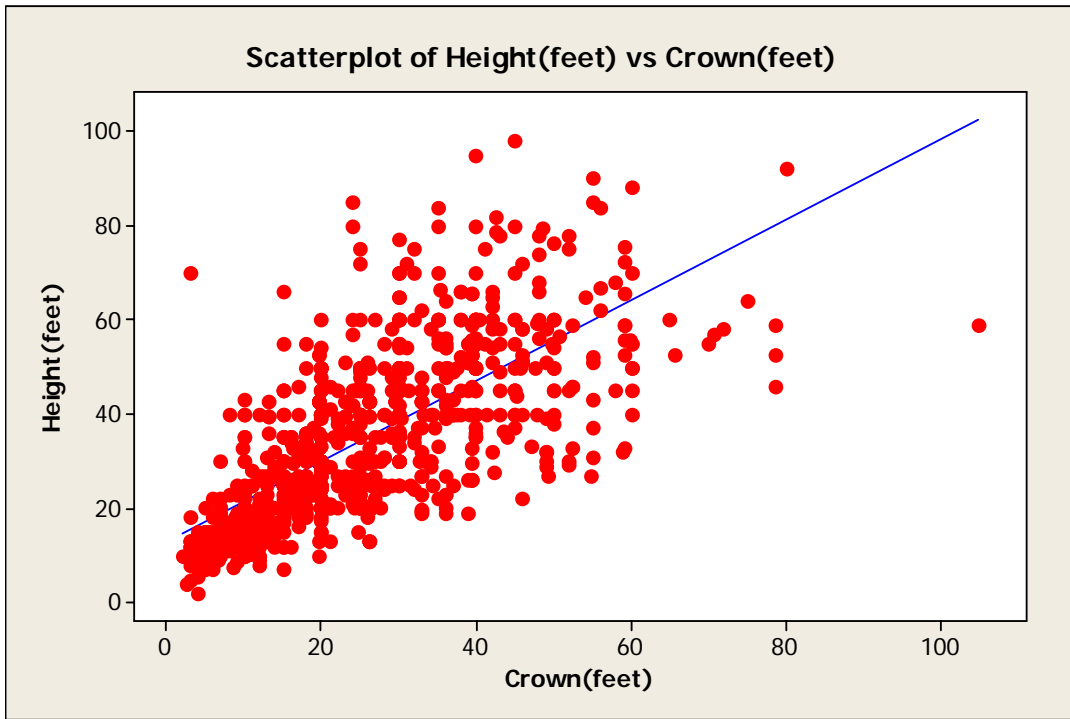
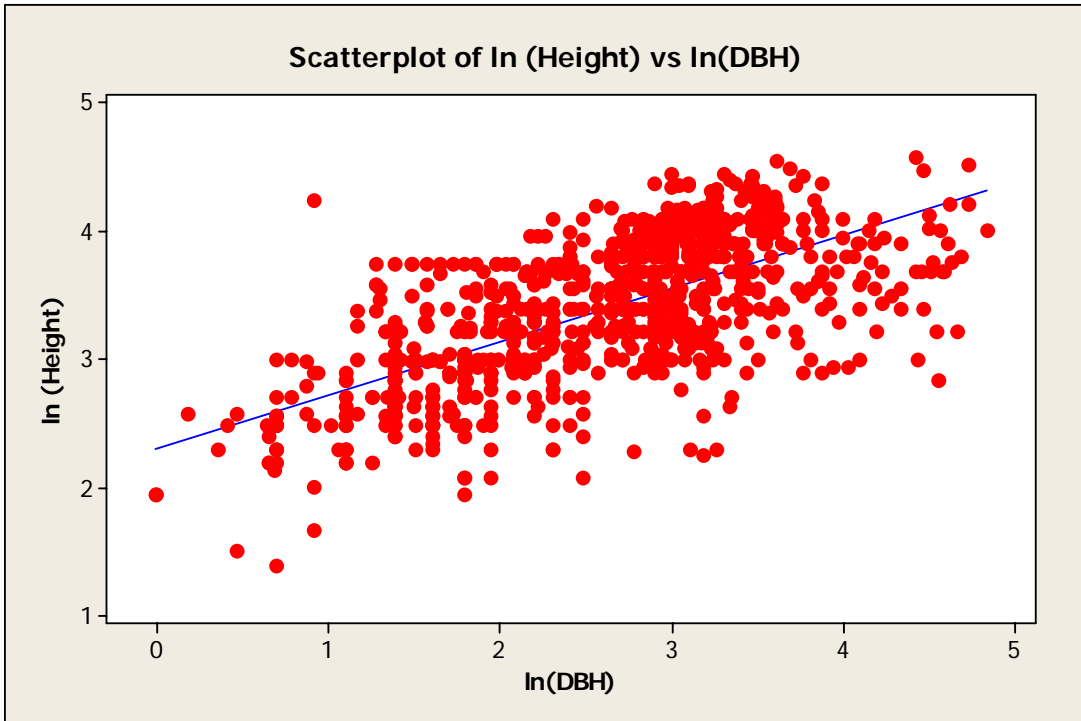
Predictor	Coef	SE Coef	T	P
Constant	2.30156	0.04311	53.39	0.000
ln(DBH)	0.41879	0.01569	26.70	0.000

S = 0.422021    R-Sq = 44.3%    R-Sq(adj) = 44.3%

### Analysis of Variance

Source	DF	SS	MS	F	P
Regression	1	126.94	126.94	712.77	0.000
Residual Error	895	159.40	0.18		
Total	896	286.35			





## Regression Analysis: ln (Height) versus ln (Crown)

The regression equation is  
 $\ln(\text{Height}) = 1.44 + 0.646 \ln(\text{Crown})$

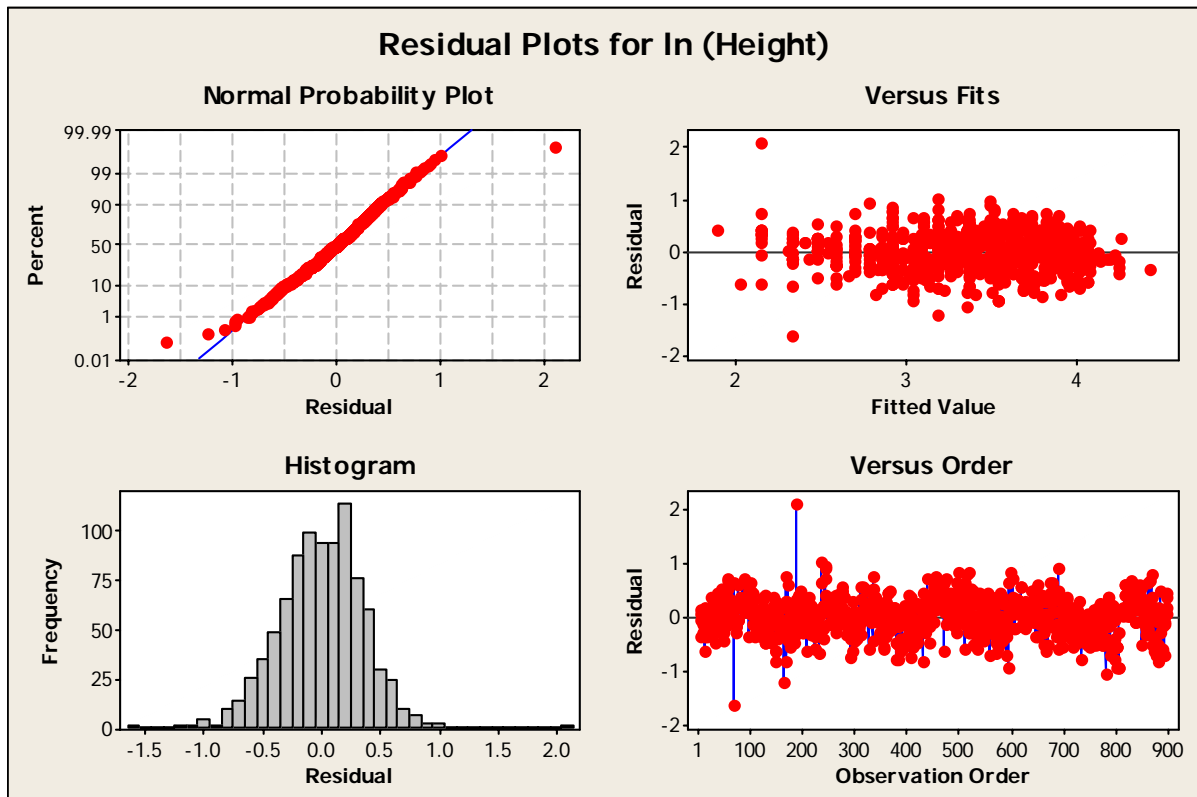
899 cases used, 1 cases contain missing values

Predictor	Coef	SE Coef	T	P
Constant	1.43672	0.05233	27.46	0.000
ln (Crown)	0.64583	0.01689	38.24	0.000

S = 0.352795    R-Sq = 62.0%    R-Sq(adj) = 61.9%

Analysis of Variance

Source	DF	SS	MS	F	P
Regression	1	181.96	181.96	1461.97	0.000
Residual Error	897	111.64	0.12		
Total	898	293.61			





## Regression Analysis: ln (Crown) versus ln (Height)

The regression equation is  
 $\ln(\text{Crown}) = -0.231 + 0.960 \ln(\text{Height})$

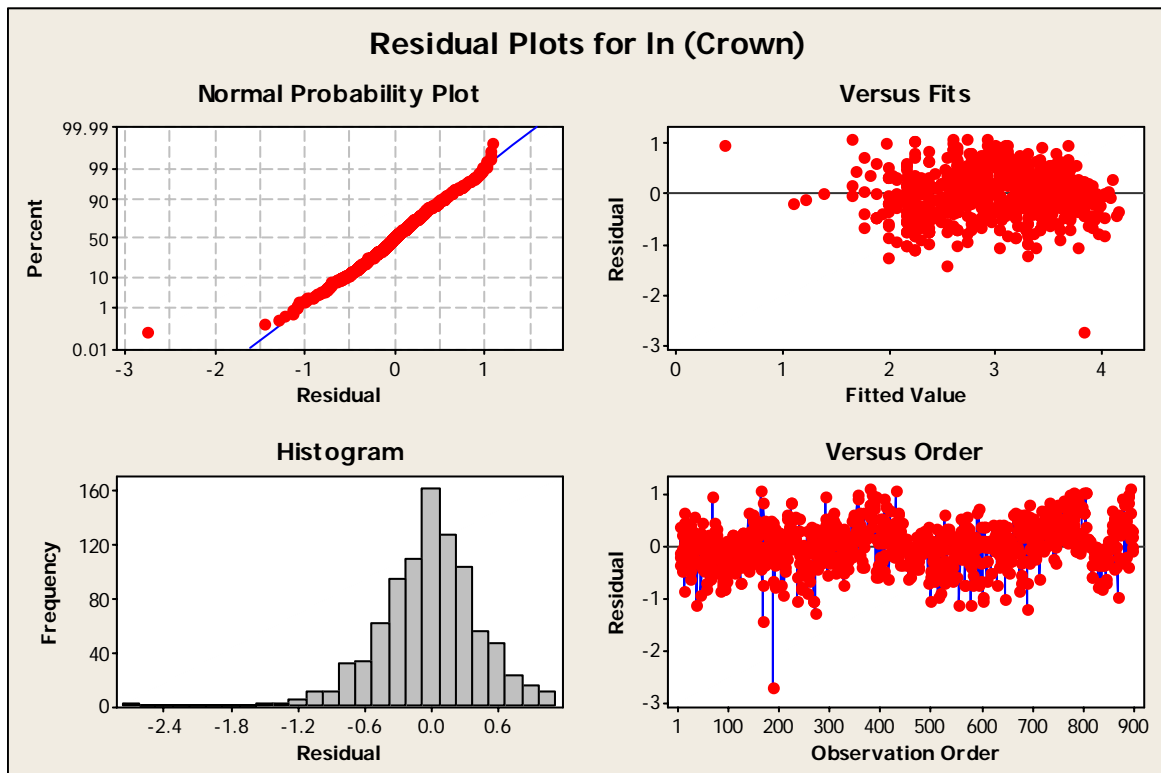
899 cases used, 1 cases contain missing values

Predictor	Coef	SE Coef	T	P
Constant	-0.23085	0.08619	-2.68	0.008
ln (Height)	0.95961	0.02510	38.24	0.000

S = 0.430040    R-Sq = 62.0%    R-Sq(adj) = 61.9%

### Analysis of Variance

Source	DF	SS	MS	F	P
Regression	1	270.37	270.37	1461.97	0.000
Residual Error	897	165.89	0.18		
Total	898	436.26			



Scatterplot of ln (Crown) vs ln (Height)

