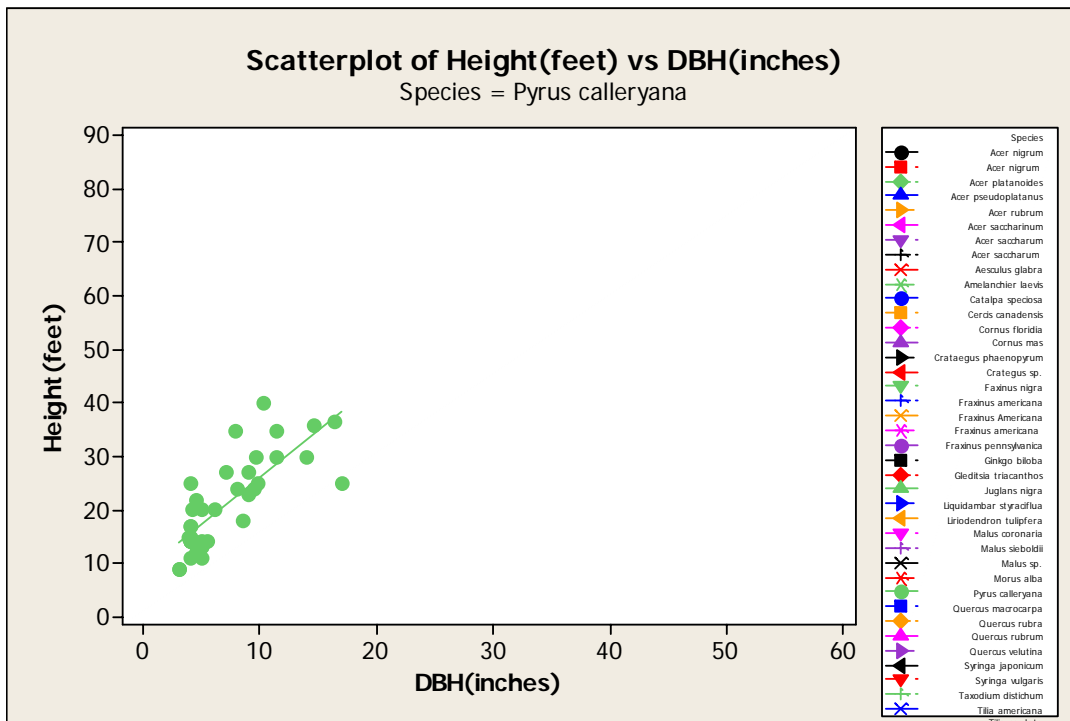
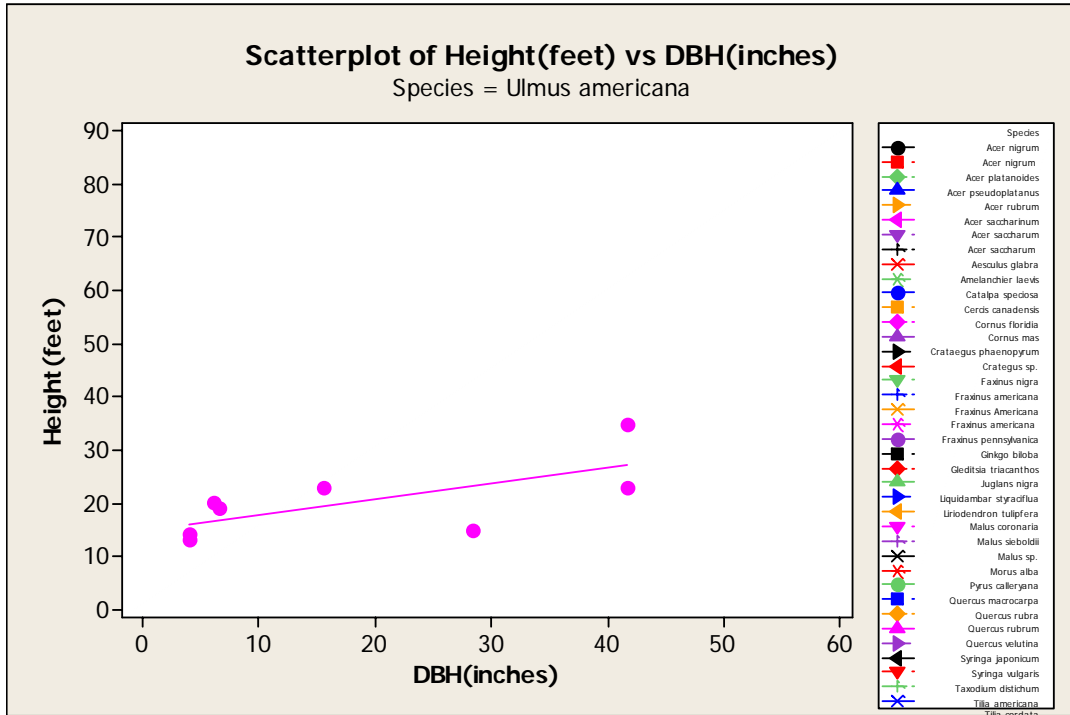


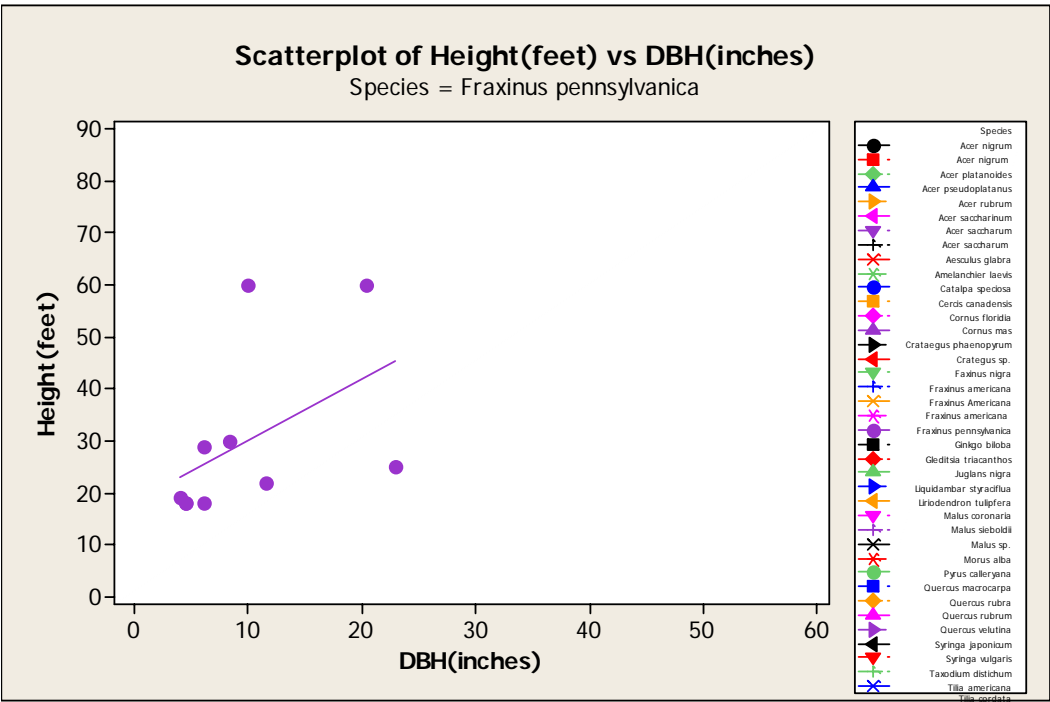
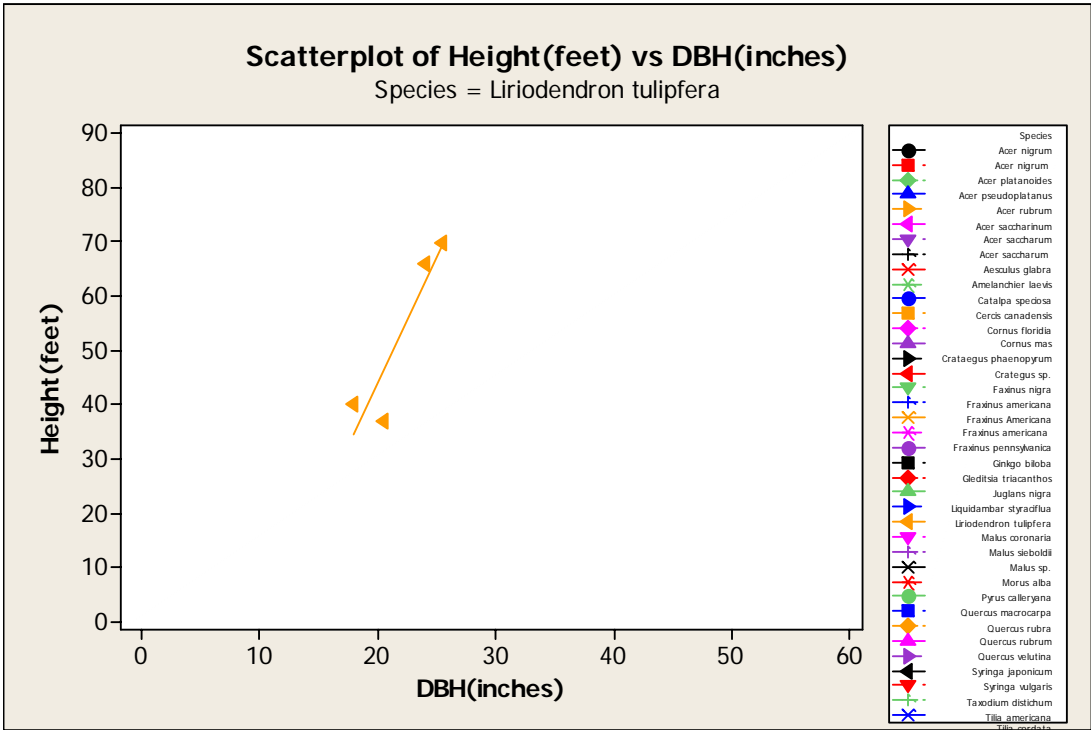
Descriptive Statistics: DBH(inches)

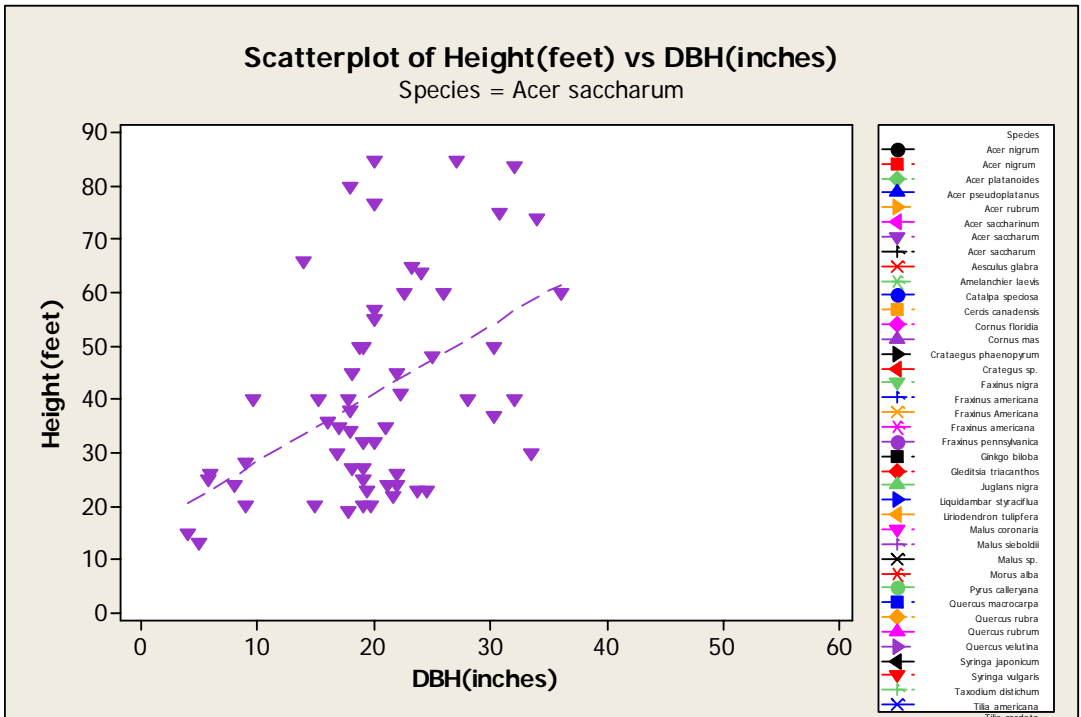
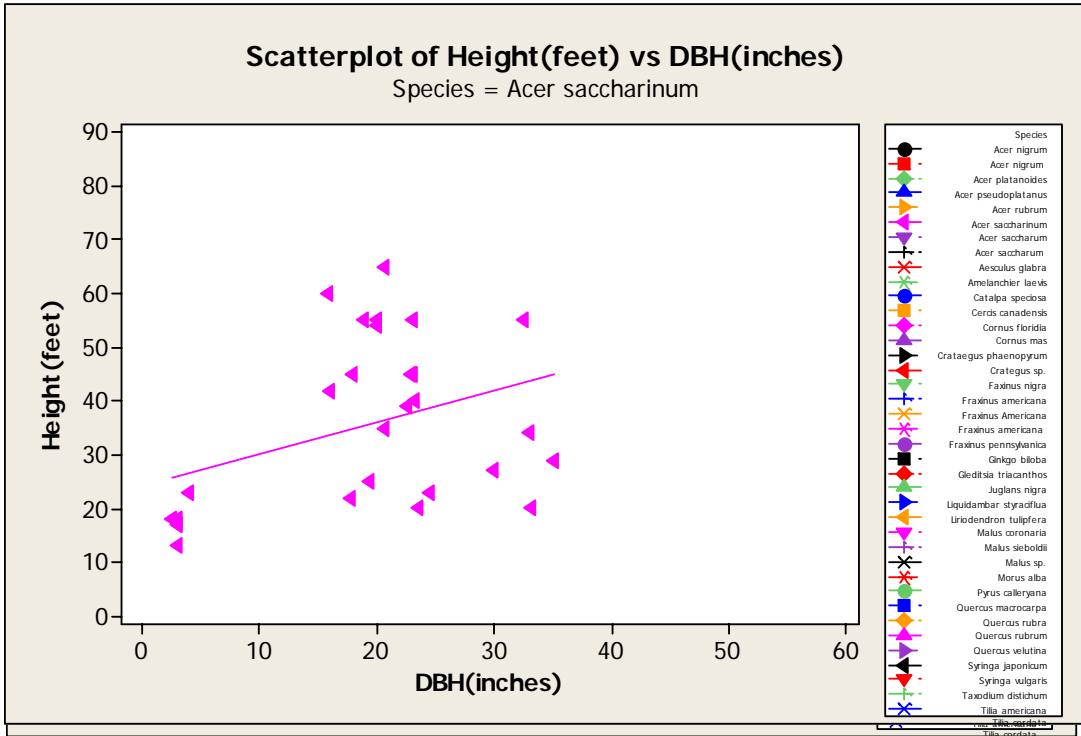
Variable	Species	N	N*	Mean	SE Mean	StDev
DBH(inches)	Acer nigrum	13	0	23.10	1.66	5.99
	Acer nigrum	1	0	17.800	*	*
	Acer platanoides	6	0	10.89	2.92	7.14
	Acer pseudoplatanus	3	0	9.333	0.667	1.155
	Acer rubrum	16	0	4.741	0.761	3.044
	Acer saccharinum	28	0	19.02	1.87	9.88
	Acer saccharum	58	0	20.079	0.959	7.306
	Acer saccharum	1	0	24.500	*	*
	Aesculus glabra	1	0	23.885	*	*
	Amelanchier laevis	1	0	3.0000	*	*
	Catalpa speciosa	1	0	17.030	*	*
	Cercis canadensis	1	1	14.000	*	*
	Cornus florida	1	0	6.0500	*	*
	Cornus mas	1	0	6.0000	*	*
	Crataegus phaenopyrum	1	0	9.2000	*	*
	Crataegus sp.	2	0	8.750	0.750	1.061
	Faxinus nigra	1	0	6.0000	*	*
	Fraxinus americana	20	0	20.97	3.57	15.97
	Fraxinus Americana	1	0	4.1400	*	*
	Fraxinus americana	2	0	6.529	0.478	0.676
	Fraxinus pennsylvanica	10	0	9.82	2.13	6.72
	Ginkgo biloba	1	0	17.000	*	*
	Gleditsia triacanthos	15	1	7.74	2.43	9.42
	Juglans nigra	2	0	17.86	2.25	3.17
	Liquidambar styraciflua	2	0	13.64	8.64	12.22
	Liriodendron tulipifera	4	0	22.00	1.69	3.38
	Malus coronaria	5	0	10.07	1.08	2.41
	Malus sieboldii	1	0	6.0000	*	*
	Malus sp.	3	0	7.643	0.486	0.843
	Morus alba	1	0	11.000	*	*
	Pyrus calleryana	39	0	6.980	0.609	3.802
	Quercus macrocarpa	1	0	6.0000	*	*
	Quercus rubra	4	0	11.77	5.34	10.69
	Quercus rubrum	1	0	12.898	*	*
	Quercus velutina	2	0	2.0000	0.000000	0.000000
	Syringa japonicum	1	0	3.8000	*	*
	Syringa vulgaris	1	0	4.0000	*	*
	Taxodium distichum	1	0	8.5900	*	*
	Tilia americana	2	0	43.3	11.7	16.5
	Tilia cordata	8	0	7.945	0.961	2.719
	Ulmus americana	8	0	18.48	5.83	16.49
	Ulmus parvifolia	3	0	3.11	1.20	2.07
	Ulmus rubra	1	0	4.7700	*	*
	Zelkova serrata	5	0	2.400	0.400	0.894
	Zelkova sp.	1	0	19.427	*	*

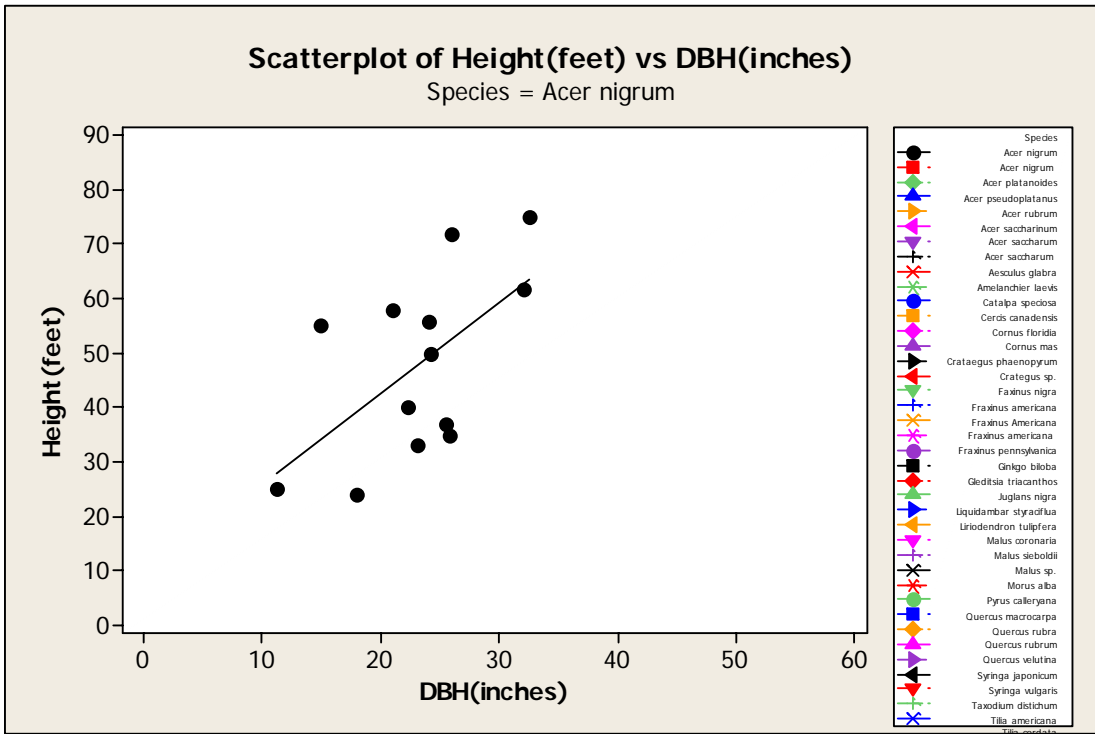
Variable	Species	Minimum	Maximum
DBH(inches)	Acer nigrum	11.15	32.47
	Acer nigrum	17.800	17.800
	Acer platanoides	1.43	19.00
	Acer pseudoplatanus	8.000	10.000
	Acer rubrum	1.500	14.000
	Acer saccharinum	2.50	35.10
	Acer saccharum	4.000	36.000
	Acer saccharum	24.500	24.500
	Aesculus glabra	23.885	23.885
	Amelanchier laevis	3.0000	3.0000
	Catalpa speciosa	17.030	17.030
	Cercis canadensis	14.000	14.000
	Cornus florida	6.0500	6.0500
	Cornus mas	6.0000	6.0000
	Crataegus phaenopyrum	9.2000	9.2000
	Crataegus sp.	8.000	9.500
	Faxinus nigra	6.0000	6.0000
	Fraxinus americana	2.50	52.55
	Fraxinus Americana	4.1400	4.1400

Fraxinus americana	6.051	7.006
Fraxinus pennsylvanica	4.00	22.90
Ginkgo biloba	17.000	17.000
Gleditsia triacanthos	1.59	28.81
Juglans nigra	15.61	20.10
Liquidambar styraciflua	5.00	22.28
Liriodendron tulipifera	18.00	25.48
Malus coronaria	6.37	13.00
Malus sieboldii	6.0000	6.0000
Malus sp.	6.688	8.280
Morus alba	11.000	11.000
Pyrus calleryana	3.000	17.000
Quercus macrocarpa	6.0000	6.0000
Quercus rubra	2.87	27.00
Quercus rubrum	12.898	12.898
Quercus velutina	2.0000	2.0000
Syringa japonicum	3.8000	3.8000
Syringa vulgaris	4.0000	4.0000
Taxodium distichum	8.5900	8.5900
Tilia americana	31.7	55.0
Tilia cordata	3.981	13.000
Ulmus americana	4.00	41.72
Ulmus parvifolia	1.91	5.50
Ulmus rubra	4.7700	4.7700
Zelkova serrata	2.000	4.000
Zelkova sp.	19.427	19.427





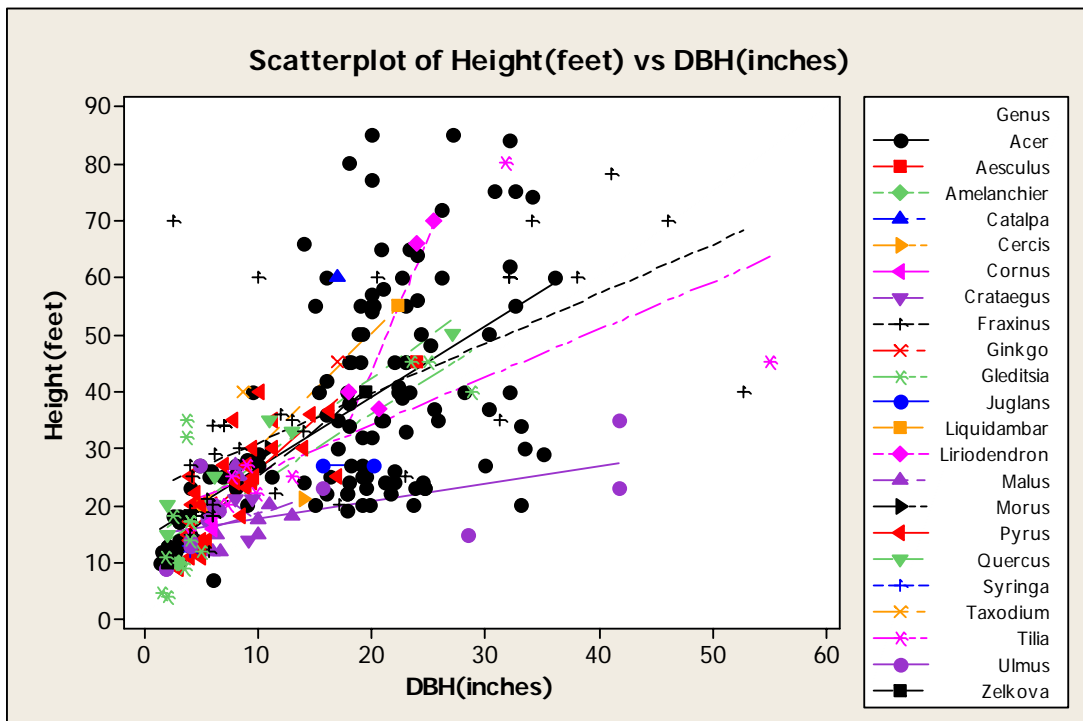


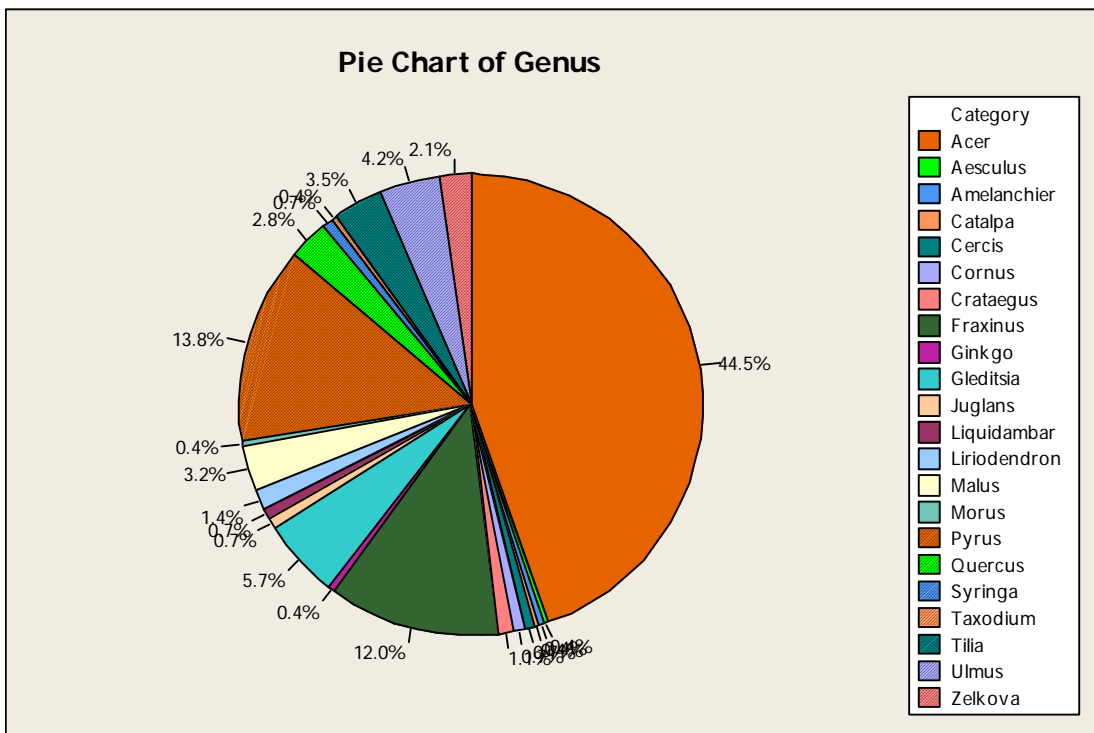
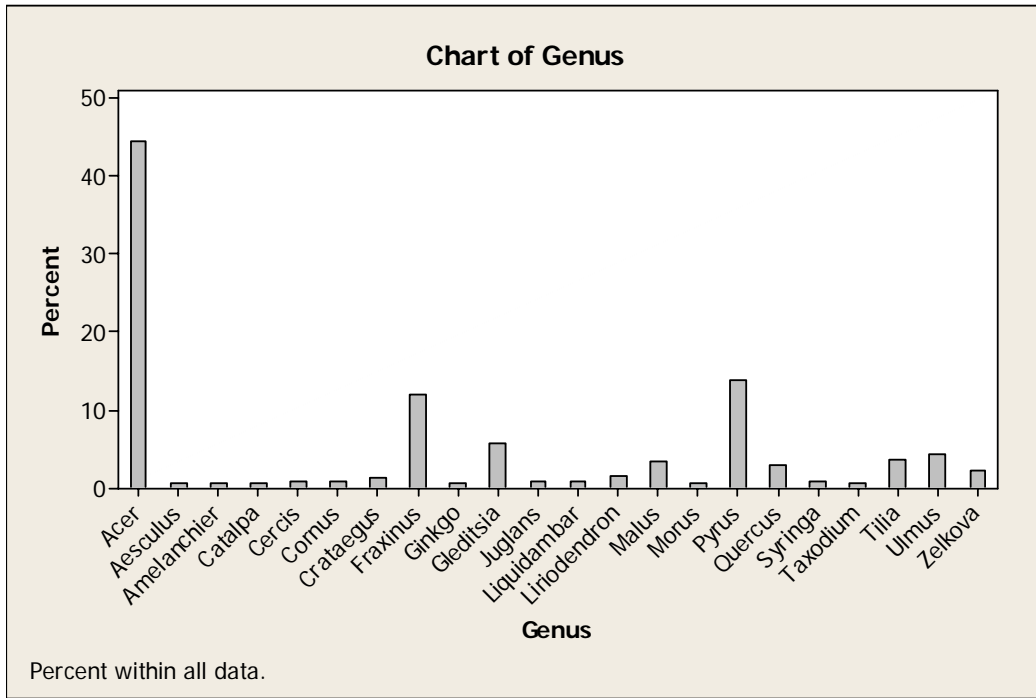


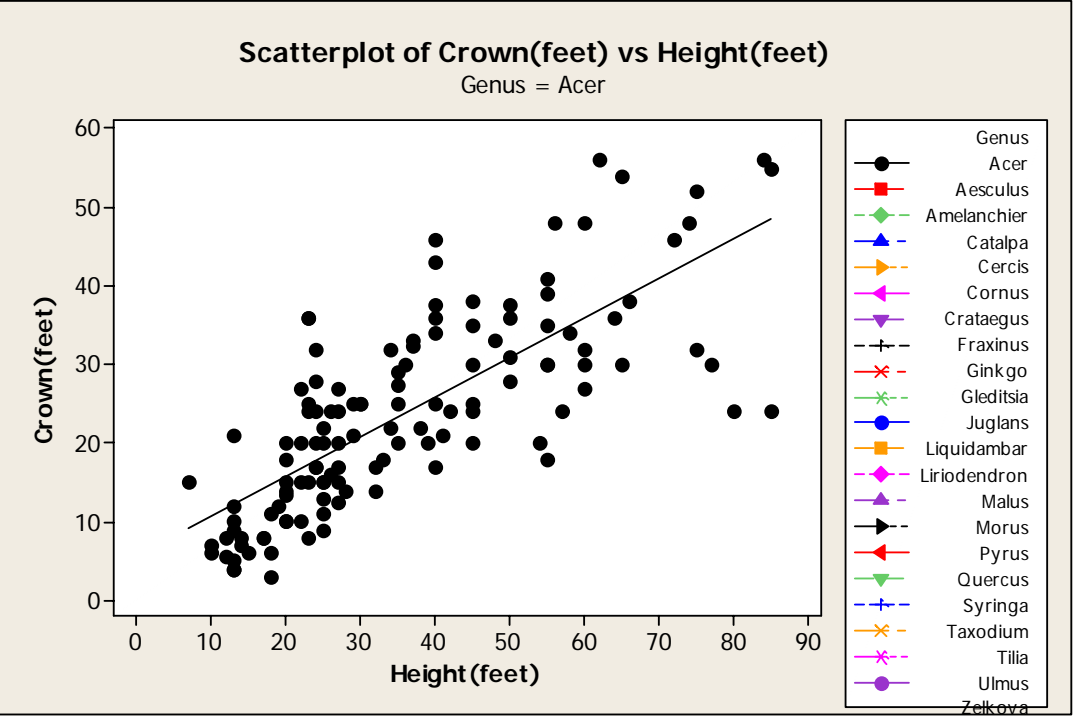
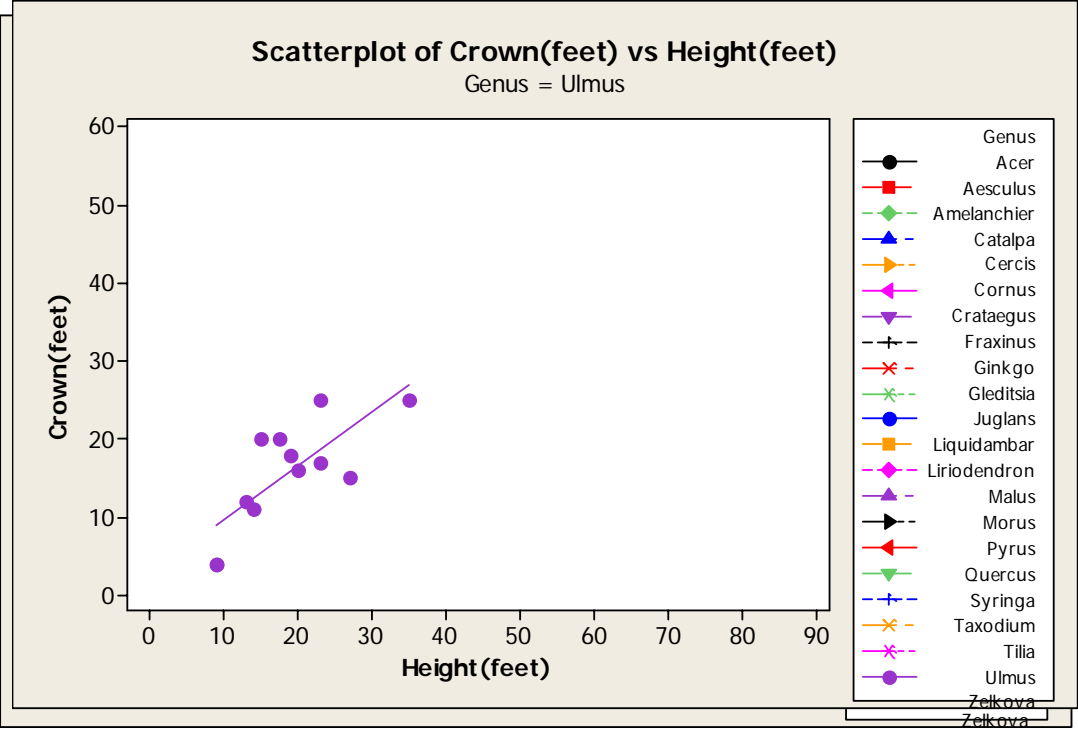
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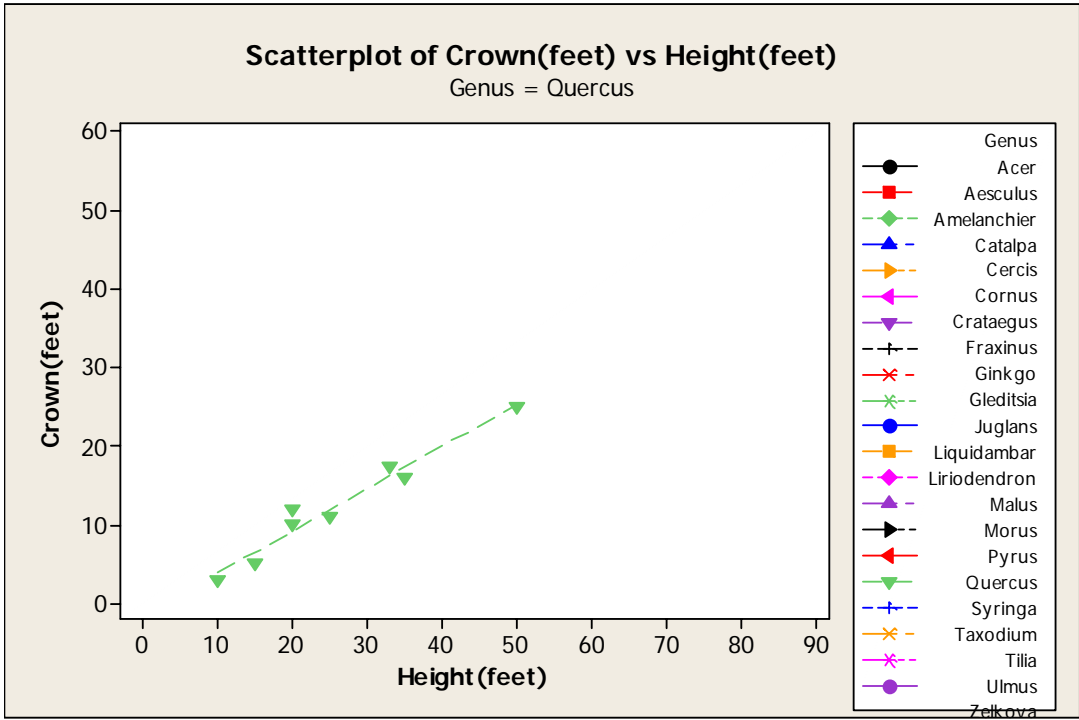
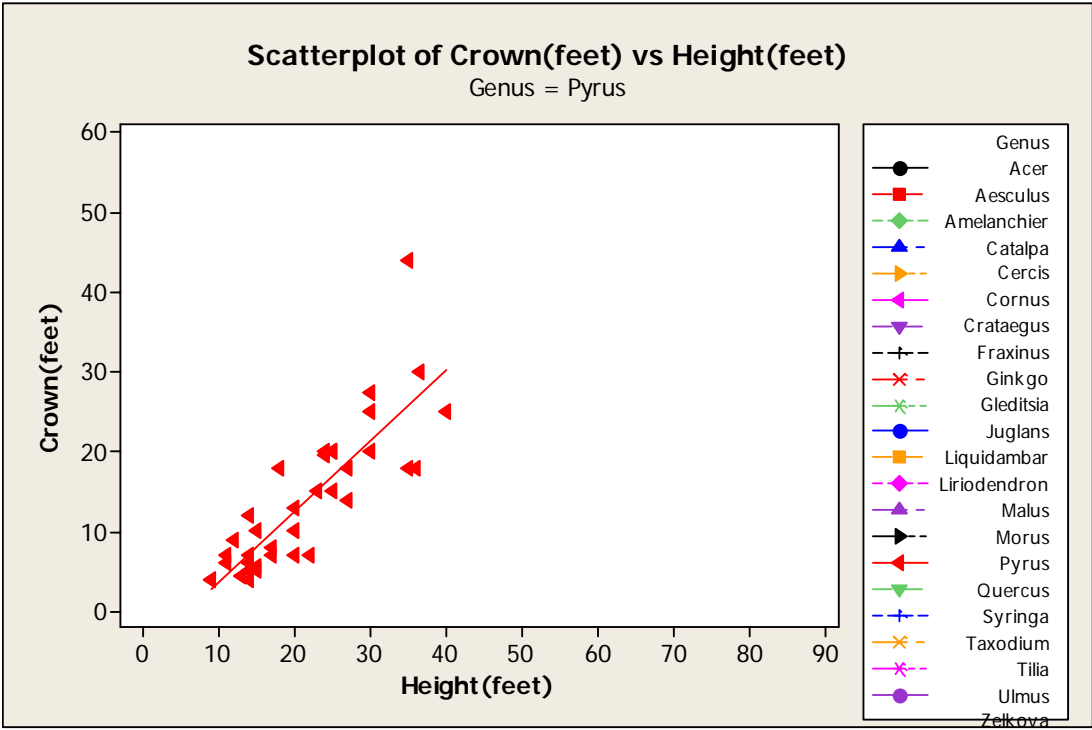
Descriptive Statistics: DBH(inches)

Variable	Genus	N	Mean	SE Mean	StDev	Minimum	Maximum
DBH(inches)	Acer	126	17.532	0.816	9.157	1.430	36.000
	Aesculus	1	23.885	*	*	23.885	23.885
	Amelanchier	1	3.0000	*	*	3.0000	3.0000
	Catalpa	1	17.030	*	*	17.030	17.030
	Cercis	1	14.000	*	*	14.000	14.000
	Cornus	2	6.0250	0.0250	0.0354	6.0000	6.0500
	Crataegus	3	8.900	0.458	0.794	8.000	9.500
	Fraxinus	34	15.90	2.42	14.09	2.50	52.55
	Ginkgo	1	17.000	*	*	17.000	17.000
	Gleditsia	15	7.74	2.43	9.42	1.59	28.81
	Juglans	2	17.86	2.25	3.17	15.61	20.10
	Liquidambar	2	13.64	8.64	12.22	5.00	22.28
	Liriodendron	4	22.00	1.69	3.38	18.00	25.48
	Malus	9	8.811	0.787	2.360	6.000	13.000
	Morus	1	11.000	*	*	11.000	11.000
	Pyrus	39	6.980	0.609	3.802	3.000	17.000
	Quercus	8	8.75	2.97	8.41	2.00	27.00
	Syringa	2	3.900	0.100	0.141	3.800	4.000
	Taxodium	1	8.5900	*	*	8.5900	8.5900
	Tilia	10	15.02	5.09	16.08	3.98	55.00
	Ulmus	12	13.50	4.36	15.11	1.91	41.72
	Zelkova	6	5.24	2.86	7.00	2.00	19.43









Regression Analysis: Height(feet) versus DBH(inches)

The regression equation is
 $\text{Height(feet)} = 14.5 + 1.15 \text{ DBH(inches)}$

281 cases used, 2 cases contain missing values

Predictor	Coef	SE Coef	T	P
Constant	14.516	1.325	10.95	0.000
DBH(inches)	1.15062	0.07596	15.15	0.000

S = 13.3205 R-Sq = 45.1% R-Sq(adj) = 44.9%

Analysis of Variance

Source	DF	SS	MS	F	P
Regression	1	40713	40713	229.45	0.000
Residual Error	279	49505	177		
Total	280	90217			

Unusual Observations

Obs	DBH(inches)	Height(feet)	Fit	SE Fit	Residual	St Resid
9	41.7	35.000	62.520	2.253	-27.520	-2.10RX
10	28.3	15.000	47.125	1.351	-32.125	-2.42R
11	41.7	23.000	62.520	2.253	-39.520	-3.01RX
18	33.1	20.000	52.625	1.658	-32.625	-2.47R
33	52.5	40.000	74.982	3.037	-34.982	-2.70RX
53	20.7	65.000	38.323	0.945	26.677	2.01R
86	10.0	60.000	26.023	0.850	33.977	2.56R
95	38.0	60.000	58.240	1.991	1.760	0.13 X
98	46.0	70.000	67.445	2.560	2.555	0.20 X
142	41.0	78.000	61.692	2.202	16.308	1.24 X
156	55.0	45.000	77.801	3.217	-32.801	-2.54RX
171	2.5	70.000	17.393	1.179	52.607	3.96R
193	15.9	60.000	32.838	0.809	27.162	2.04R
194	27.1	85.000	45.664	1.274	39.336	2.97R
196	31.7	80.000	50.977	1.564	29.023	2.19R
241	18.0	80.000	35.228	0.852	44.772	3.37R
242	20.0	85.000	37.529	0.918	47.471	3.57R
243	20.0	77.000	37.529	0.918	39.471	2.97R
263	14.0	66.000	30.625	0.795	35.375	2.66R
276	32.0	84.000	51.336	1.584	32.664	2.47R
279	26.0	72.000	44.433	1.212	27.567	2.08R

R denotes an observation with a large standardized residual.
 X denotes an observation whose X value gives it large leverage.

Regression Analysis: Crown(feet) versus Height(feet)

The regression equation is
 Crown(feet) = 3.70 + 0.524 Height(feet)

Predictor	Coef	SE Coef	T	P
Constant	3.6990	0.8838	4.19	0.000
Height(feet)	0.52443	0.02499	20.98	0.000

S = 7.54029 R-Sq = 61.0% R-Sq(adj) = 60.9%

Analysis of Variance

Source	DF	SS	MS	F	P
Regression	1	25036	25036	440.34	0.000
Residual Error	281	15977	57		
Total	282	41012			

Unusual Observations

Obs	Height(feet)	Crown(feet)	Fit	SE Fit	Residual	St Resid
67	75.0	32.000	43.031	1.200	-11.031	-1.48 X
71	40.0	43.000	24.676	0.507	18.324	2.44R
75	45.0	43.000	27.298	0.577	15.702	2.09R
86	60.0	20.000	35.165	0.863	-15.165	-2.02R
137	24.0	32.000	16.285	0.477	15.715	2.09R
142	78.0	52.000	44.604	1.269	7.396	1.00 X
156	45.0	50.000	27.298	0.577	22.702	3.02R
184	65.0	54.000	37.787	0.972	16.213	2.17R
185	75.0	52.000	43.031	1.200	8.969	1.20 X
186	37.0	40.000	23.103	0.477	16.897	2.25R
187	70.0	3.000	40.409	1.085	-37.409	-5.01R
194	85.0	55.000	48.275	1.434	6.725	0.91 X
196	80.0	45.000	45.653	1.316	-0.653	-0.09 X
213	40.0	46.000	24.676	0.507	21.324	2.83R
214	35.0	44.000	22.054	0.462	21.946	2.92R
221	23.0	36.000	15.761	0.486	20.239	2.69R
222	23.0	36.000	15.761	0.486	20.239	2.69R
234	66.0	15.000	38.311	0.995	-23.311	-3.12R
241	80.0	24.000	45.653	1.316	-21.653	-2.92RX
242	85.0	24.000	48.275	1.434	-24.275	-3.28RX
243	77.0	30.000	44.080	1.246	-14.080	-1.89 X
254	74.0	48.000	42.507	1.176	5.493	0.74 X
276	84.0	56.000	47.751	1.411	8.249	1.11 X
278	62.0	56.000	36.213	0.906	19.787	2.64R
279	72.0	46.000	41.458	1.130	4.542	0.61 X

R denotes an observation with a large standardized residual.
 X denotes an observation whose X value gives it large leverage.

Regression Analysis: Crown(feet) versus DBH(inches)

The regression equation is
 Crown(feet) = 7.65 + 0.864 DBH(inches)

281 cases used, 2 cases contain missing values

Predictor	Coef	SE Coef	T	P
Constant	7.6480	0.7935	9.64	0.000
DBH(inches)	0.86411	0.04549	19.00	0.000

S = 7.97646 R-Sq = 56.4% R-Sq(adj) = 56.2%

Analysis of Variance

Source	DF	SS	MS	F	P
Regression	1	22962	22962	360.90	0.000
Residual Error	279	17751	64		
Total	280	40713			

Unusual Observations

Obs	DBH(inches)	Crown(feet)	Fit	SE Fit	Residual	St Resid
9	41.7	25.000	43.699	1.349	-18.699	-2.38RX
11	41.7	25.000	43.699	1.349	-18.699	-2.38RX
18	33.1	10.000	36.267	0.993	-26.267	-3.32R
21	29.9	17.000	33.519	0.869	-16.519	-2.08R
33	52.5	30.000	53.057	1.819	-23.057	-2.97RX
95	38.0	30.000	40.484	1.192	-10.484	-1.33 X
98	46.0	45.000	47.397	1.533	-2.397	-0.31 X
142	41.0	52.000	43.077	1.319	8.923	1.13 X
156	55.0	50.000	55.174	1.926	-5.174	-0.67 X
171	2.5	32.000	9.808	0.706	22.192	2.79R
184	23.2	54.000	27.737	0.636	26.263	3.30R

185	30.7	52.000	34.204	0.899	17.796	2.25R
187	25.5	3.000	29.664	0.708	-26.664	-3.36R
194	27.1	55.000	31.040	0.763	23.960	3.02R
213	17.8	46.000	23.059	0.507	22.941	2.88R
214	11.3	44.000	17.417	0.491	26.583	3.34R
263	14.0	38.000	19.746	0.476	18.254	2.29R
276	32.0	56.000	35.300	0.949	20.700	2.61R
277	24.0	48.000	28.387	0.659	19.613	2.47R
278	32.0	56.000	35.300	0.949	20.700	2.61R

R denotes an observation with a large standardized residual.
X denotes an observation whose X value gives it large leverage.