

FIRE DATA SUMMARY STATISTICS

STATISTICAL REPORT

Prepared for

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Forest Sciences Laboratory
Corvallis, Oregon**

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By



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Fire Data Summary Statistics
Executive Summary
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II. EXECUTIVE SUMMARY

This is a report of the results of statistical analysis of Fire data supplied to Pacific Analytics by Dr. Robert Progar, USDA Forest Service PNW Research Station, Corvallis, Oregon. The report includes summary statistics for seven fires, DBH, Tree Height, Pre-fire Live Crown Height, Post-fire Base Live Crown Height, Bole Scorch Height, Crown Scorch Volume, and DMR Rating. Also summarized were twelve categorical variables, Bole Scorch 1, Bole Scorch 2, Bole Scorch 3, Bole Scorch 4, Ground Char 1, Ground Char 2, Ground Char 3, Ground Char 4, Cambium Mortality 1, Cambium Mortality 2, Cambium Mortality 3, and Cambium Mortality 4. Summaries are reported in tables by tree species and Grand Summaries by fire.

Results are reported in two chapters, Pre-Treatment and Post-Treatment analyses. A list of Literature Cited is included in the last chapter. S-Plus bench notes are included on the enclosed CD for further information and clarification of the analyses. Excel data and table files are also provided on the enclosed CD. This work is in partial fulfillment of USDA Purchase Order Number 43-04R4-4-0058.

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Fire Data Summary Statistics
Statistical Procedures
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III. Statistical Procedures

Data Compilation

Data compilation was conducted using Excel spreadsheet commands. The data received were first sorted by tree species. Data was imported into S-Plus to calculate Range (Min – Max), Mean, Standard Error of the Mean, 95% Confidence Interval for the Mean, Variance, Standard Deviation, 1st Quartile, Median, 3rd Quartile, Number of records used for each calculation, and the number of Missing Values.

Pivot Tables were used in Excel to calculate proportions for each category of the twelve categorical variables.

Software used for was S-Plus 2000 (MathSoft 1988-1999) and Excel (Microsoft 2001).

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Fire Data Summary Statistics
B & B Fire Data Summary
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IV. B & B FIRE DATA SUMMARY

Summary Statistics Tree Species ABCO

Quantitative Variables

Table contains Range (Minimum and Maximum), Mean, Standard Error of the Mean, Lower and Upper 95% Confidence Limits of the Mean, Variance, and Standard Deviation, 1st Quartile, Median, and 3rd Quartile of the species data, the Total Number of Trees used for each variable in the calculations and the number of missing values for each variable.

Statistic	DBH	Tree Ht	Pre-fire live crown ht.	Post-fire base live crown ht.	Bole Scorch ht (ft)	Crown scorch volume (%)	DMR rating
Minimum	8.30	34.00	1.00	7.00	0.00	0.00	0.00
Maximum	44.40	160.00	69.00	126.00	61.00	100.00	6.00
Mean	19.17	89.83	24.61	48.16	11.31	37.87	0.17
Standard Error	0.35	1.20	0.93	1.22	0.50	1.83	0.04
Lower	18.49	87.48	22.79	45.75	10.32	34.28	0.08
Upper	19.85	92.18	26.43	50.56	12.30	41.47	0.25
Variance	38.00	455.81	272.98	476.75	80.30	1063.80	0.59
Standard Deviation	6.16	21.35	16.52	21.83	8.96	32.62	0.77
1st Quartile	15.13	74.50	10.50	32.50	4.00	5.00	0.00
Median	18.30	91.00	19.00	46.00	10.00	30.00	0.00
3rd Quartile	22.08	103.00	35.00	60.50	16.00	65.00	0.00
Total N	318	319	319	319	319	319	319
NA's	1	0	0	0	0	0	0

Fire Data Summary Statistics
B & B Fire Data Summary

Summary Statistics Tree Species ABCO

Categorical Variables

The tables contain the proportion of the trees of this species that fell into each category for each of the twelve categorical variables, and the Number of trees used in the calculations.

ABCO	DEEPLY	LIGHTLY	MODERATELY	UNBURNED	Grand Total
Bole Scorch 1	0.17	0.36	0.31	0.17	319
Bole Scorch 2	0.18	0.30	0.45	0.08	319
Bole Scorch 3	0.24	0.19	0.52	0.05	319
Bole Scorch 4	0.19	0.33	0.40	0.08	319
Ground char 1	0.02	0.05	0.91	0.02	318
Ground char 2	0.01	0.04	0.94	0.01	318
Ground char 3	0.02	0.03	0.93	0.01	318
Ground char 4	0.02	0.05	0.92	0.02	318

ABCO	DEAD	LIVE	Grand Total
Cambium Mortality 1	0.56	0.44	318
Cambium Mortality 2	0.71	0.28	318
Cambium Mortality 3	0.80	0.20	318
Cambium Mortality 4	0.65	0.35	318

Fire Data Summary Statistics
B & B Fire Data Summary

Summary Statistics Tree Species ABLA

Quantitative Variables

Table contains Range (Minimum and Maximum), Mean, Standard Error of the Mean, Lower and Upper 95% Confidence Limits of the Mean, Variance, and Standard Deviation, 1st Quartile, Median, and 3rd Quartile of the species data, the Total Number of Trees used for each variable in the calculations and the number of missing values for each variable.

Statistic	DBH	Tree Ht	Pre-fire live crown ht.	Post-fire base live crown ht.	Bole Scorch ht (ft)	Crown scorch volume (%)	DMR rating
Minimum	9.60	43.00	9.00	28.00	3.00	75.00	1.00
Maximum	9.60	43.00	9.00	28.00	3.00	75.00	1.00
Mean	9.60	43.00	9.00	28.00	3.00	75.00	1.00
Standard Error	NA	NA	NA	NA	NA	NA	NA
Lower	NA	NA	NA	NA	NA	NA	NA
Upper	NA	NA	NA	NA	NA	NA	NA
Variance	NA	NA	NA	NA	NA	NA	NA
Standard Deviation	NA	NA	NA	NA	NA	NA	NA
1st Quartile	9.60	43.00	9.00	28.00	3.00	75.00	1.00
Median	9.60	43.00	9.00	28.00	3.00	75.00	1.00
3rd Quartile	9.60	43.00	9.00	28.00	3.00	75.00	1.00
Total N	1	1	1	1	1	1	1
NA's	0	0	0	0	0	0	0

Fire Data Summary Statistics
B & B Fire Data Summary

Summary Statistics Tree Species ABLA

Categorical Variables

The tables contain the proportion of the trees of this species that fell into each category for each of the twelve categorical variables, and the Number of trees used in the calculations.

ABLA	DEEPLY	LIGHTLY	MODERATELY	UNBURNED	Grand Total
Bole Scorch 1	0.00	0.00	1.00	0.00	1
Bole Scorch 2	1.00	0.00	0.00	0.00	1
Bole Scorch 3	0.00	0.00	1.00	0.00	1
Bole Scorch 4	0.00	1.00	0.00	0.00	1
Ground char 1	0.00	0.00	1.00	0.00	1
Ground char 2	0.00	0.00	1.00	0.00	1
Ground char 3	0.00	0.00	1.00	0.00	1
Ground char 4	0.00	0.00	1.00	0.00	1

ABLA	DEAD	LIVE	Grand Total
Cambium Mortality 1	0.00	1.00	1
Cambium Mortality 2	1.00	0.00	1
Cambium Mortality 3	1.00	0.00	1
Cambium Mortality 4	0.00	1.00	1

Fire Data Summary Statistics
B & B Fire Data Summary

Summary Statistics Tree Species CADE

Quantitative Variables

Table contains Range (Minimum and Maximum), Mean, Standard Error of the Mean, Lower and Upper 95% Confidence Limits of the Mean, Variance, and Standard Deviation, 1st Quartile, Median, and 3rd Quartile of the species data, the Total Number of Trees used for each variable in the calculations and the number of missing values for each variable.

Statistic	DBH	Tree Ht	Pre-fire live crown ht.	Post-fire base live crown ht.	Bole Scorch ht (ft)	Crown scorch volume (%)	DMR rating
Minimum	16.10	54.00	9.00	12.00	5.00	0.00	0.00
Maximum	16.70	63.00	12.00	16.00	7.00	5.00	0.00
Mean	16.40	58.50	10.50	14.00	6.00	2.50	0.00
Standard Error	0.30	4.50	1.50	2.00	1.00	2.50	0.00
Lower	12.59	1.32	8.56	11.41	6.71	29.27	0.00
Upper	20.21	115.68	29.56	39.41	18.71	34.27	0.00
Variance	0.18	40.50	4.50	8.00	2.00	12.50	0.00
Standard Deviation	0.42	6.36	2.12	2.83	1.41	3.54	0.00
1st Quartile	16.25	56.25	9.75	13.00	5.50	1.25	0.00
Median	16.40	58.50	10.50	14.00	6.00	2.50	0.00
3rd Quartile	16.55	60.75	11.25	15.00	6.50	3.75	0.00
Total N	2	2	2	2	2	2	2
NA's	0	0	0	0	0	0	0

Fire Data Summary Statistics
B & B Fire Data Summary

Summary Statistics Tree Species CADE

Categorical Variables

The tables contain the proportion of the trees of this species that fell into each category for each of the twelve categorical variables, and the Number of trees used in the calculations.

CADE	DEEPLY	LIGHTLY	MODERATELY	UNBURNED	Grand Total
Bole Scorch 1	0.50	0.00	0.00	0.50	2
Bole Scorch 2	0.00	0.00	0.50	0.50	2
Bole Scorch 3	0.00	0.00	1.00	0.00	2
Bole Scorch 4	0.00	0.00	1.00	0.00	2
Ground char 1	0.00	0.50	0.50	0.00	2
Ground char 2	0.00	0.50	0.50	0.00	2
Ground char 3	0.00	0.50	0.50	0.00	2
Ground char 4	0.00	0.00	1.00	0.00	2

CADE	DEAD	LIVE	Grand Total
Cambium Mortality 1	0.00	1.00	2
Cambium Mortality 2	0.50	0.50	2
Cambium Mortality 3	0.00	1.00	2
Cambium Mortality 4	0.00	1.00	2

Fire Data Summary Statistics
B & B Fire Data Summary

Summary Statistics Tree Species LAOC

Quantitative Variables

Table contains Range (Minimum and Maximum), Mean, Standard Error of the Mean, Lower and Upper 95% Confidence Limits of the Mean, Variance, and Standard Deviation, 1st Quartile, Median, and 3rd Quartile of the species data, the Total Number of Trees used for each variable in the calculations and the number of missing values for each variable.

Statistic	DBH	Tree Ht	Pre-fire live crown ht.	Post-fire base live crown ht.	Bole Scorch ht (ft)	Crown scorch volume (%)	DMR rating
Minimum	5.90	40.00	4.00	4.00	0.00	0.00	0.00
Maximum	43.80	160.00	75.00	94.00	99.00	95.00	6.00
Mean	16.62	94.49	31.05	35.97	10.43	8.57	0.99
Standard Error	0.45	1.55	1.19	1.36	1.04	1.22	0.12
Lower	15.73	91.43	28.70	33.30	8.37	6.17	0.75
Upper	17.51	97.55	33.40	38.65	12.49	10.97	1.23
Variance	36.23	429.01	251.89	327.28	194.21	263.13	2.70
Standard Deviation	6.02	20.71	15.87	18.09	13.94	16.22	1.64
1st Quartile	13.10	81.00	19.25	23.25	2.00	0.00	0.00
Median	15.70	92.00	31.00	33.00	6.00	1.00	0.00
3rd Quartile	19.28	109.00	41.00	45.00	13.00	10.00	1.00
Total N	178	178	178	178	178	178	178
NA's	0	0	0	0	0	0	0

Fire Data Summary Statistics
B & B Fire Data Summary

Summary Statistics Tree Species LAOC

Categorical Variables

The tables contain the proportion of the trees of this species that fell into each category for each of the twelve categorical variables, and the Number of trees used in the calculations.

LAOC	DEEPLY	LIGHTLY	MODERATELY	UNBURNED	Grand Total
Bole Scorch 1	0.32	0.19	0.47	0.02	177
Bole Scorch 2	0.40	0.13	0.45	0.02	177
Bole Scorch 3	0.41	0.15	0.42	0.02	177
Bole Scorch 4	0.39	0.16	0.42	0.03	177
Ground char 1	0.02	0.30	0.65	0.03	178
Ground char 2	0.01	0.29	0.69	0.02	178
Ground char 3	0.04	0.27	0.67	0.02	178
Ground char 4	0.03	0.29	0.65	0.03	178

LAOC	DEAD	LIVE	Grand Total
Cambium Mortality 1	0.28	1.23	177
Cambium Mortality 2	0.28	0.72	177
Cambium Mortality 3	0.21	0.79	177
Cambium Mortality 4	0.24	0.76	177

Fire Data Summary Statistics
B & B Fire Data Summary

Summary Statistics Tree Species PICO

Quantitative Variables

Table contains Range (Minimum and Maximum), Mean, Standard Error of the Mean, Lower and Upper 95% Confidence Limits of the Mean, Variance, and Standard Deviation, 1st Quartile, Median, and 3rd Quartile of the species data, the Total Number of Trees used for each variable in the calculations and the number of missing values for each variable.

Statistic	DBH	Tree Ht	Pre-fire live crown ht.	Post-fire base live crown ht.	Bole Scorch ht (ft)	Crown scorch volume (%)	DMR rating
Minimum	6.60	35.00	11.00	11.00	0.00	0.00	0.00
Maximum	22.30	106.00	55.00	67.00	70.00	90.00	0.00
Mean	12.93	70.27	29.12	33.11	4.41	12.63	0.00
Standard Error	0.47	1.76	1.42	1.50	1.18	2.89	0.00
Lower	11.99	66.76	26.29	30.10	2.04	6.86	0.00
Upper	13.86	73.79	31.95	36.11	6.77	18.40	0.00
Variance	14.52	204.29	132.20	149.20	92.58	551.15	0.00
Standard Deviation	3.81	14.29	11.50	12.21	9.62	23.48	0.00
1st Quartile	9.88	62.00	20.00	23.00	1.00	0.00	0.00
Median	12.60	68.50	25.50	32.00	1.00	0.00	0.00
3rd Quartile	15.18	81.00	38.75	41.00	4.00	10.00	0.00
Total N	66	66	66	66	66	66	66
NA's	0	0	0	0	0	0	0

Fire Data Summary Statistics
B & B Fire Data Summary

Summary Statistics Tree Species PICO

Categorical Variables

The tables contain the proportion of the trees of this species that fell into each category for each of the twelve categorical variables, and the Number of trees used in the calculations.

PICO	DEEPLY	LIGHTLY	MODERATELY	UNBURNED	Grand Total
Bole Scorch 1	0.06	0.48	0.23	0.23	66
Bole Scorch 2	0.05	0.55	0.24	0.17	66
Bole Scorch 3	0.09	0.47	0.26	0.18	66
Bole Scorch 4	0.11	0.52	0.18	0.20	66
Ground char 1	0.00	0.41	0.50	0.09	66
Ground char 2	0.00	0.41	0.58	0.02	66
Ground char 3	0.00	0.38	0.56	0.06	66
Ground char 4	0.00	0.44	0.52	0.05	66

PICO	DEAD	LIVE	Grand Total
Cambium Mortality 1	0.64	0.36	66
Cambium Mortality 2	0.76	0.24	66
Cambium Mortality 3	0.70	0.30	66
Cambium Mortality 4	0.64	0.36	66

Fire Data Summary Statistics
B & B Fire Data Summary

Summary Statistics Tree Species PIEN

Quantitative Variables

Table contains Range (Minimum and Maximum), Mean, Standard Error of the Mean, Lower and Upper 95% Confidence Limits of the Mean, Variance, and Standard Deviation, 1st Quartile, Median, and 3rd Quartile of the species data, the Total Number of Trees used for each variable in the calculations and the number of missing values for each variable.

Statistic	DBH	Tree Ht	Pre-fire live crown ht.	Post-fire base live crown ht.	Bole Scorch ht (ft)	Crown scorch volume (%)	DMR rating
Minimum	6.60	28.00	3.00	3.00	0.00	0.00	0.00
Maximum	34.50	123.00	28.00	62.00	22.00	100.00	0.00
Mean	18.71	88.12	11.77	25.31	8.65	27.88	0.00
Standard Error	1.22	4.92	1.14	2.67	1.19	5.82	0.00
Lower	16.19	77.98	9.43	19.80	6.19	15.90	0.00
Upper	21.22	98.25	14.11	30.82	11.11	39.87	0.00
Variance	38.73	629.95	33.62	185.98	37.12	880.35	0.00
Standard Deviation	6.22	25.10	5.80	13.64	6.09	29.67	0.00
1st Quartile	15.53	66.25	7.25	17.00	3.25	5.00	0.00
Median	18.80	94.00	11.50	24.50	8.50	15.00	0.00
3rd Quartile	22.05	107.50	14.00	31.75	12.75	38.75	0.00
Total N	26	26	26	26	26	26	25
NA's	0	0	0	0	0	0	1

Fire Data Summary Statistics
B & B Fire Data Summary

Summary Statistics Tree Species PIEN

Categorical Variables

The tables contain the proportion of the trees of this species that fell into each category for each of the twelve categorical variables, and the Number of trees used in the calculations.

PIEN	DEEPLY	LIGHTLY	MODERATELY	UNBURNED	Grand Total
Bole Scorch 1	0.38	0.19	0.38	0.04	26
Bole Scorch 2	0.46	0.19	0.31	0.04	26
Bole Scorch 3	0.31	0.23	0.42	0.04	26
Bole Scorch 4	0.19	0.12	0.65	0.04	26
Ground char 1	0.08	0.38	0.50	0.04	26
Ground char 2	0.00	0.38	0.58	0.04	26
Ground char 3	0.00	0.35	0.62	0.04	26
Ground char 4	0.04	0.38	0.54	0.04	26

PIEN	DEAD	LIVE	Grand Total
Cambium Mortality 1	0.81	0.19	26
Cambium Mortality 2	0.77	0.23	26
Cambium Mortality 3	0.81	0.19	26
Cambium Mortality 4	0.81	0.19	26

Fire Data Summary Statistics
B & B Fire Data Summary

Summary Statistics Tree Species PIMO

Quantitative Variables

Table contains Range (Minimum and Maximum), Mean, Standard Error of the Mean, Lower and Upper 95% Confidence Limits of the Mean, Variance, and Standard Deviation, 1st Quartile, Median, and 3rd Quartile of the species data, the Total Number of Trees used for each variable in the calculations and the number of missing values for each variable.

Statistic	DBH	Tree Ht	Pre-fire live crown ht.	Post-fire base live crown ht.	Bole Scorch ht (ft)	Crown scorch volume (%)	DMR rating
Minimum	7.90	30.00	2.00	8.00	0.00	0.00	0.00
Maximum	32.30	135.00	42.00	46.00	55.00	95.00	0.00
Mean	16.41	77.46	22.44	27.32	6.34	22.85	0.00
Standard Error	0.99	4.05	1.63	1.59	1.56	4.58	0.00
Lower	14.40	69.28	19.14	24.11	3.19	13.60	0.00
Upper	18.41	85.65	25.74	30.53	9.50	32.11	0.00
Variance	40.34	672.35	109.45	103.42	99.88	860.33	0.00
Standard Deviation	6.35	25.93	10.46	10.17	9.99	29.33	0.00
1st Quartile	12.10	60.00	12.00	20.00	1.00	0.00	0.00
Median	14.80	75.00	23.00	29.00	2.00	10.00	0.00
3rd Quartile	20.30	96.00	30.00	36.00	7.00	40.00	0.00
Total N	41	41	41	41	41	41	41
NA's	0	0	0	0	0	0	0

Fire Data Summary Statistics
B & B Fire Data Summary

Summary Statistics Tree Species PIMO

Categorical Variables

The tables contain the proportion of the trees of this species that fell into each category for each of the twelve categorical variables, and the Number of trees used in the calculations.

PIMO	DEEPLY	LIGHTLY	MODERATELY	UNBURNED	Grand Total
Bole Scorch 1	0.02	0.66	0.29	0.02	41
Bole Scorch 2	0.05	0.56	0.37	0.02	41
Bole Scorch 3	0.12	0.54	0.34	0.00	41
Bole Scorch 4	0.02	0.61	0.32	0.05	41
Ground char 1	0.00	0.10	0.90	0.00	41
Ground char 2	0.00	0.10	0.90	0.00	41
Ground char 3	0.00	0.07	0.93	0.00	41
Ground char 4	0.00	0.15	0.85	0.00	41

PIMO	DEAD	LIVE	Grand Total
Cambium Mortality 1	0.56	0.44	441
Cambium Mortality 2	0.66	0.34	41
Cambium Mortality 3	0.85	0.15	41
Cambium Mortality 4	0.61	0.39	41

Fire Data Summary Statistics
B & B Fire Data Summary

Summary Statistics Tree Species PIPO

Quantitative Variables

Table contains Range (Minimum and Maximum), Mean, Standard Error of the Mean, Lower and Upper 95% Confidence Limits of the Mean, Variance, and Standard Deviation, 1st Quartile, Median, and 3rd Quartile of the species data, the Total Number of Trees used for each variable in the calculations and the number of missing values for each variable.

Statistic	DBH	Tree Ht	Pre-fire live crown ht.	Post-fire base live crown ht.	Bole Scorch ht (ft)	Crown scorch volume (%)	DMR rating
Minimum	7.20	42.00	9.00	1.00	0.00	0.00	0.00
Maximum	47.00	174.00	107.00	131.00	90.00	100.00	6.00
Mean	20.94	91.94	41.60	53.71	20.59	27.40	0.06
Standard Error	0.32	0.99	0.75	0.76	0.60	1.13	0.02
Lower	20.32	89.99	40.14	52.21	19.42	25.19	0.02
Upper	21.57	93.89	43.07	55.22	21.77	29.62	0.09
Variance	62.62	611.41	342.15	358.25	218.39	780.74	0.18
Standard Deviation	7.91	24.73	18.50	18.93	14.78	27.94	0.42
1st Quartile	14.70	73.25	27.00	40.00	9.00	1.00	0.00
Median	19.50	91.00	38.00	52.00	19.00	20.00	0.00
3rd Quartile	26.70	107.00	54.00	65.00	28.00	50.00	0.00
Total N	616	618	614	614	614	614	618
NA's	2	0	4	4	4	4	0

Fire Data Summary Statistics
B & B Fire Data Summary

Summary Statistics Tree Species PIPO

Categorical Variables

The tables contain the proportion of the trees of this species that fell into each category for each of the twelve categorical variables, and the Number of trees used in the calculations.

PIPO	DEEPLY	LIGHTLY	MODERATELY	UNBURNED	Grand Total
Bole Scorch 1	0.22	0.26	0.50	0.02	618
Bole Scorch 2	0.24	0.18	0.56	0.01	618
Bole Scorch 3	0.35	0.13	0.51	0.01	618
Bole Scorch 4	0.31	0.17	0.52	0.00	618
Ground char 1	0.03	0.07	0.90	0.00	617
Ground char 2	0.03	0.06	0.91	0.00	617
Ground char 3	0.03	0.06	0.91	0.00	617
Ground char 4	0.03	0.06	0.91	0.00	617

PIPO	DEAD	LIVE	Grand Total
Cambium Mortality 1	0.23	0.77	618
Cambium Mortality 2	0.26	0.74	617
Cambium Mortality 3	0.32	0.68	617
Cambium Mortality 4	0.29	0.71	617

Fire Data Summary Statistics
B & B Fire Data Summary

Summary Statistics Tree Species PSME

Quantitative Variables

Table contains Range (Minimum and Maximum), Mean, Standard Error of the Mean, Lower and Upper 95% Confidence Limits of the Mean, Variance, and Standard Deviation, 1st Quartile, Median, and 3rd Quartile of the species data, the Total Number of Trees used for each variable in the calculations and the number of missing values for each variable.

Statistic	DBH	Tree Ht	Pre-fire live crown ht.	Post-fire base live crown ht.	Bole Scorch ht (ft)	Crown scorch volume (%)	DMR rating
Minimum	8.50	33.00	4.00	10.00	0.00	0.00	0.00
Maximum	53.20	147.00	78.00	100.00	70.00	100.00	6.00
Mean	21.38	91.99	36.27	45.29	14.72	17.40	0.32
Standard Error	0.43	1.24	0.84	0.99	0.72	1.47	0.06
Lower	20.54	89.55	34.61	43.35	13.29	14.50	0.20
Upper	22.22	94.43	37.93	47.24	16.14	20.30	0.44
Variance	56.72	477.47	218.98	301.51	162.63	672.02	1.15
Standard Deviation	7.53	21.85	14.80	17.36	12.75	25.92	1.07
1st Quartile	16.10	77.50	25.00	33.00	6.00	0.00	0.00
Median	19.75	92.00	35.00	43.00	12.00	5.00	0.00
3rd Quartile	24.73	108.00	47.00	56.00	20.00	30.00	0.00
Total N	310	311	309	309	310	309	311
NA's	1	0	2	2	1	2	0

Fire Data Summary Statistics
B & B Fire Data Summary

Summary Statistics Tree Species PSME

Categorical Variables

The tables contain the proportion of the trees of this species that fell into each category for each of the twelve categorical variables, and the Number of trees used in the calculations.

PSME	DEEPLY	LIGHTLY	MODERATELY	UNBURNED	Grand Total
Bole Scorch 1	0.17	0.36	0.39	0.08	311
Bole Scorch 2	0.20	0.25	0.50	0.05	311
Bole Scorch 3	0.27	0.20	0.49	0.04	311
Bole Scorch 4	0.21	0.32	0.43	0.04	311
Ground char 1	0.03	0.05	0.91	0.01	310
Ground char 2	0.02	0.04	0.94	0.01	310
Ground char 3	0.01	0.05	0.94	0.00	310
Ground char 4	0.02	0.05	0.93	0.00	310

PSME	DEAD	LIVE	Grand Total
Cambium Mortality 1	0.18	0.82	311
Cambium Mortality 2	0.26	0.74	311
Cambium Mortality 3	0.27	0.73	311
Cambium Mortality 4	0.26	0.73	311

Fire Data Summary Statistics
B & B Fire Data Summary

Summary Statistics Tree Species TSHE

Quantitative Variables

Table contains Range (Minimum and Maximum), Mean, Standard Error of the Mean, Lower and Upper 95% Confidence Limits of the Mean, Variance, and Standard Deviation, 1st Quartile, Median, and 3rd Quartile of the species data, the Total Number of Trees used for each variable in the calculations and the number of missing values for each variable.

Statistic	DBH	Tree Ht	Pre-fire live crown ht.	Post-fire base live crown ht.	Bole Scorch ht (ft)	Crown scorch volume (%)	DMR rating
Minimum	14.00	50.00	13.00	13.00	1.00	0.00	3.00
Maximum	14.00	50.00	13.00	13.00	1.00	0.00	3.00
Mean	14.00	50.00	13.00	13.00	1.00	0.00	3.00
Standard Error	NA	NA	NA	NA	NA	NA	NA
Lower	NA	NA	NA	NA	NA	NA	NA
Upper	NA	NA	NA	NA	NA	NA	NA
Variance	NA	NA	NA	NA	NA	NA	NA
Standard Deviation	NA	NA	NA	NA	NA	NA	NA
1st Quartile	14.00	50.00	13.00	13.00	1.00	0.00	3.00
Median	14.00	50.00	13.00	13.00	1.00	0.00	3.00
3rd Quartile	14.00	50.00	13.00	13.00	1.00	0.00	3.00
Total N	1	1	1	1	1	1	1
NA's	0	0	0	0	0	0	0

Fire Data Summary Statistics
B & B Fire Data Summary

Summary Statistics Tree Species TSHE

Categorical Variables

The tables contain the proportion of the trees of this species that fell into each category for each of the twelve categorical variables, and the Number of trees used in the calculations.

TSHE	DEEPLY	LIGHTLY	MODERATELY	UNBURNED	Grand Total
Bole Scorch 1	0.00	0.00	1.00	0.00	1
Bole Scorch 2	0.00	1.00	0.00	0.00	1
Bole Scorch 3	0.00	0.00	0.00	1.00	1
Bole Scorch 4	0.00	0.00	0.00	1.00	1
Ground char 1	0.00	0.00	1.00	0.00	1
Ground char 2	0.00	1.00	0.00	0.00	1
Ground char 3	0.00	1.00	0.00	0.00	1
Ground char 4	0.00	1.00	0.00	0.00	1

TSHE	DEAD	LIVE	Grand Total
Cambium Mortality 1	1.00	0.00	1
Cambium Mortality 2	0.00	1.00	1
Cambium Mortality 3	0.00	1.00	1
Cambium Mortality 4	0.00	1.00	1

Fire Data Summary Statistics
B & B Fire Data Summary

Summary Statistics Tree Species TSME

Quantitative Variables

Table contains Range (Minimum and Maximum), Mean, Standard Error of the Mean, Lower and Upper 95% Confidence Limits of the Mean, Variance, and Standard Deviation, 1st Quartile, Median, and 3rd Quartile of the species data, the Total Number of Trees used for each variable in the calculations and the number of missing values for each variable.

Statistic	DBH	Tree Ht	Pre-fire live crown ht.	Post-fire base live crown ht.	Bole Scorch ht (ft)	Crown scorch volume (%)	DMR rating
Minimum	9.80	48.00	5.00	5.00	0.00	0.00	0.00
Maximum	22.20	64.00	12.00	28.00	1.00	45.00	0.00
Mean	13.57	56.00	8.33	13.67	0.83	14.17	0.00
Standard Error	1.79	2.49	0.92	3.55	0.17	8.31	0.00
Lower	8.97	49.60	5.97	4.55	0.40	7.19	0.00
Upper	18.16	62.40	10.70	22.78	1.26	35.52	0.00
Variance	19.18	37.20	5.07	75.47	0.17	414.17	0.00
Standard Deviation	4.38	6.10	2.25	8.69	0.41	20.35	0.00
1st Quartile	11.68	51.75	8.00	8.25	1.00	0.00	0.00
Median	12.60	56.00	8.00	10.50	1.00	2.50	0.00
3rd Quartile	12.78	60.25	8.75	18.00	1.00	27.50	0.00
Total N	6	6	6	6	6	6	6
NA's	0	0	0	0	0	0	0

Fire Data Summary Statistics
B & B Fire Data Summary

Summary Statistics Tree Species TSME

Categorical Variables

The tables contain the proportion of the trees of this species that fell into each category for each of the twelve categorical variables, and the Number of trees used in the calculations.

TSME	DEEPLY	LIGHTLY	MODERATELY	UNBURNED	Grand Total
Bole Scorch 1	0.00	1.00	0.00	0.00	6
Bole Scorch 2	0.00	1.00	0.00	0.00	6
Bole Scorch 3	0.00	0.83	0.17	0.00	6
Bole Scorch 4	0.17	0.83	0.00	0.00	6
Ground char 1	0.00	0.17	0.83	0.00	6
Ground char 2	0.00	0.00	1.00	0.00	6
Ground char 3	0.00	0.00	1.00	0.00	6
Ground char 4	0.00	0.17	0.83	0.00	6

TSME	DEAD	LIVE	Grand Total
Cambium Mortality 1	0.17	0.83	6
Cambium Mortality 2	1.00	0.00	6
Cambium Mortality 3	0.83	0.17	6
Cambium Mortality 4	0.50	0.50	6

Fire Data Summary Statistics
Bull Springs Fire Data Summary

V. BULL SPRINGS FIRE DATA SUMMARY

Summary Statistics Tree Species ABAM

Quantitative Variables

Table contains Range (Minimum and Maximum), Mean, Standard Error of the Mean, Lower and Upper 95% Confidence Limits of the Mean, Variance, and Standard Deviation, 1st Quartile, Median, and 3rd Quartile of the species data, the Total Number of Trees used for each variable in the calculations and the number of missing values for each variable.

Statistic	DBH	Tree Ht	Pre-fire live crown ht.	Post-fire base live crown ht.	Bole Scorch ht (ft)	Crown scorch volume (%)	DMR rating	Basal Area
Minimum	12.50	89.00	19.00	19.00	1.00	10.00	0.00	5.00
Maximum	12.50	89.00	19.00	19.00	1.00	10.00	0.00	5.00
Mean	12.50	89.00	19.00	19.00	1.00	10.00	0.00	5.00
Standard Error	NA	NA	NA	NA	NA	NA	NA	NA
Lower	NA	NA	NA	NA	NA	NA	NA	NA
Upper	NA	NA	NA	NA	NA	NA	NA	NA
Variance	NA	NA	NA	NA	NA	NA	NA	NA
Standard Deviation	NA	NA	NA	NA	NA	NA	NA	NA
1st Quartile	12.50	89.00	19.00	19.00	1.00	10.00	0.00	5.00
Median	12.50	89.00	19.00	19.00	1.00	10.00	0.00	5.00
3rd Quartile	12.50	89.00	19.00	19.00	1.00	10.00	0.00	5.00
Total N	1	1	1	1	1	1	1	1
NA's	0	0	0	0	0	0	0	0

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Fire Data Summary Statistics
Bull Springs Fire Data Summary
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Summary Statistics Tree Species ABAM

Categorical Variables

The tables contain the proportion of the trees of this species that fell into each category for each of the twelve categorical variables, and the Number of trees used in the calculations.

ABAM	DEEPLY	LIGHTLY	MODERATELY	UNBURNED	Grand Total
Bole Scorch 1	0.00	0.00	0.00	1.00	1
Bole Scorch 2	0.00	1.00	0.00	0.00	1
Bole Scorch 3	0.00	1.00	0.00	0.00	1
Bole Scorch 4	0.00	1.00	0.00	0.00	1
Ground char 1	0.00	0.00	0.00	1.00	1
Ground char 2	0.00	1.00	0.00	0.00	1
Ground char 3	0.00	1.00	0.00	0.00	1
Ground char 4	0.00	1.00	0.00	0.00	1

ABAM	DEAD	LIVE	Grand Total
Cambium Mortality 1	1.00	0.00	1
Cambium Mortality 2	1.00	0.00	1
Cambium Mortality 3	1.00	0.00	1
Cambium Mortality 4	1.00	0.00	1

Fire Data Summary Statistics
Bull Springs Fire Data Summary

Summary Statistics Tree Species ABCO

Quantitative Variables

Table contains Range (Minimum and Maximum), Mean, Standard Error of the Mean, Lower and Upper 95% Confidence Limits of the Mean, Variance, and Standard Deviation, 1st Quartile, Median, and 3rd Quartile of the species data, the Total Number of Trees used for each variable in the calculations and the number of missing values for each variable.

Statistic	DBH	Tree Ht	Pre-fire live crown ht.	Post-fire base live crown ht.	Bole Scorch ht (ft)	Crown scorch volume (%)	DMR rating:	Basal Area
Minimum	6.70	32.00	2.00	3.00	0.00	0.00	0.00	2.00
Maximum	33.70	117.00	51.00	99.00	100.00	100.00	0.00	340.00
Mean	16.72	69.34	17.17	29.75	13.03	34.15	0.00	103.36
Standard Error	0.90	2.82	1.62	3.15	2.07	4.20	0.00	7.95
Lower	14.93	63.72	13.94	23.47	8.90	25.77	0.00	87.44
Upper	18.51	74.96	20.40	36.02	17.15	42.53	0.00	119.27
Variance	58.91	579.76	189.13	703.02	312.66	1289.52	0.00	3728.89
Standard Deviation	7.68	24.08	13.75	26.51	17.68	35.91	0.00	61.06
1st Quartile	10.00	49.00	7.00	9.00	1.00	1.00	0.00	60.00
Median	15.30	68.00	12.00	17.00	4.00	20.00	0.00	100.00
3rd Quartile	22.90	90.00	25.00	41.00	20.00	60.00	0.00	130.00
Total N	73	73	72	71	73	73	73	59
NA's	0	0	1	2	0	0	0	14

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Fire Data Summary Statistics
Bull Springs Fire Data Summary
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Summary Statistics Tree Species ABCO

Categorical Variables

The tables contain the proportion of the trees of this species that fell into each category for each of the twelve categorical variables, and the Number of trees used in the calculations.

ABCO	DEEPLY	LIGHTLY	MODERATELY	UNBURNED	Grand Total
Bole Scorch 1	0.07	0.41	0.16	0.36	73
Bole Scorch 2	0.08	0.39	0.26	0.26	72
Bole Scorch 3	0.14	0.42	0.31	0.14	72
Bole Scorch 4	0.14	0.38	0.29	0.19	72
Ground char 1	0.00	0.33	0.56	0.11	73
Ground char 2	0.00	0.33	0.59	0.08	73
Ground char 3	0.01	0.29	0.62	0.08	73
Ground char 4	0.00	0.29	0.64	0.07	73

ABCO	DEAD	LIVE	Grand Total
Cambium Mortality 1	0.42	0.58	73
Cambium Mortality 2	0.56	0.44	73
Cambium Mortality 3	0.68	0.32	73
Cambium Mortality 4	0.60	0.40	73

Fire Data Summary Statistics
Bull Springs Fire Data Summary

Summary Statistics Tree Species ABLA

Quantitative Variables

Table contains Range (Minimum and Maximum), Mean, Standard Error of the Mean, Lower and Upper 95% Confidence Limits of the Mean, Variance, and Standard Deviation, 1st Quartile, Median, and 3rd Quartile of the species data, the Total Number of Trees used for each variable in the calculations and the number of missing values for each variable.

Statistic	DBH	Tree Ht	Pre-fire live crown ht.	Post-fire base live crown ht.	Bole Scorch ht (ft)	Crown scorch volume (%)	DMR rating:	Basal Area
Minimum	11.40	43.00	19.00	19.00	3.00	90.00	0.00	80.00
Maximum	11.40	43.00	19.00	19.00	3.00	90.00	0.00	80.00
Mean	11.40	43.00	19.00	19.00	3.00	90.00	0.00	80.00
Standard Error	NA	NA	NA	NA	NA	NA	NA	NA
Lower	NA	NA	NA	NA	NA	NA	NA	NA
Upper	NA	NA	NA	NA	NA	NA	NA	NA
Variance	NA	NA	NA	NA	NA	NA	NA	NA
Standard Deviation	NA	NA	NA	NA	NA	NA	NA	NA
1st Quartile	11.40	43.00	19.00	19.00	3.00	90.00	0.00	80.00
Median	11.40	43.00	19.00	19.00	3.00	90.00	0.00	80.00
3rd Quartile	11.40	43.00	19.00	19.00	3.00	90.00	0.00	80.00
Total N	1	1	1	1	1	1	1	1
NA's	0	0	0	0	0	0	0	0

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Fire Data Summary Statistics
Bull Springs Fire Data Summary
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Summary Statistics Tree Species ABLA

Categorical Variables

The tables contain the proportion of the trees of this species that fell into each category for each of the twelve categorical variables, and the Number of trees used in the calculations.

ABLA	DEEPLY	LIGHTLY	MODERATELY	UNBURNED	Grand Total
Bole Scorch 1	0.00	0.00	1.00	0.00	1
Bole Scorch 2	0.00	0.00	1.00	0.00	1
Bole Scorch 3	1.00	0.00	0.00	0.00	1
Bole Scorch 4	1.00	0.00	0.00	0.00	1
Ground char 1	0.00	0.00	1.00	0.00	1
Ground char 2	0.00	0.00	1.00	0.00	1
Ground char 3	0.00	0.00	1.00	0.00	1
Ground char 4	0.00	0.00	1.00	0.00	1

ABLA	DEAD	LIVE	Grand Total
Cambium Mortality 1	1.00	0.00	1
Cambium Mortality 2	1.00	0.00	1
Cambium Mortality 3	1.00	0.00	1
Cambium Mortality 4	1.00	0.00	1

Fire Data Summary Statistics
Bull Springs Fire Data Summary

Summary Statistics Tree Species LAOC

Quantitative Variables

Table contains Range (Minimum and Maximum), Mean, Standard Error of the Mean, Lower and Upper 95% Confidence Limits of the Mean, Variance, and Standard Deviation, 1st Quartile, Median, and 3rd Quartile of the species data, the Total Number of Trees used for each variable in the calculations and the number of missing values for each variable.

Statistic	DBH	Tree Ht	Pre-fire live crown ht.	Post-fire base live crown ht.	Bole Scorch ht (ft)	Crown scorch volume (%)	DMR rating:	Basal Area
Minimum	5.50	45.00	8.00	13.00	0.00	0.00	0.00	8.00
Maximum	28.70	131.00	90.00	107.00	120.00	100.00	6.00	340.00
Mean	11.57	79.66	41.25	46.91	16.33	38.21	0.82	109.87
Standard Error	0.32	1.20	0.88	1.26	1.61	2.98	0.12	4.34
Lower	10.94	77.28	39.51	44.42	13.15	32.34	0.59	101.29
Upper	12.20	82.03	43.00	49.41	19.51	44.09	1.05	118.44
Variance	18.87	265.24	142.20	289.16	474.59	1612.64	2.52	3149.40
Standard Deviation	4.34	16.29	11.92	17.00	21.79	40.16	1.59	56.12
1st Quartile	8.30	69.00	34.00	35.00	4.00	0.00	0.00	60.00
Median	11.10	80.00	41.00	44.00	8.00	20.00	0.00	100.00
3rd Quartile	13.75	88.00	48.00	58.00	17.50	80.00	1.00	140.00
Total N	183	183	182	181	183	182	183	167
NA's	0	0	1	2	0	1	0	16

Fire Data Summary Statistics
Bull Springs Fire Data Summary

Summary Statistics Tree Species LAOC

Categorical Variables

The tables contain the proportion of the trees of this species that fell into each category for each of the twelve categorical variables, and the Number of trees used in the calculations.

LAOC	DEEPLY	LIGHTLY	MODERATELY	UNBURNED	Grand Total
Bole Scorch 1	0.09	0.37	0.44	0.10	183
Bole Scorch 2	0.17	0.29	0.50	0.04	183
Bole Scorch 3	0.23	0.23	0.49	0.05	183
Bole Scorch 4	0.11	0.33	0.50	0.07	183
Ground char 1	0.01	0.14	0.79	0.06	183
Ground char 2	0.01	0.14	0.82	0.03	183
Ground char 3	0.00	0.11	0.85	0.04	183
Ground char 4	0.01	0.12	0.83	0.05	183

LAOC	DEAD	LIVE	Grand Total
Cambium Mortality 1	0.30	0.70	182
Cambium Mortality 2	0.45	0.55	182
Cambium Mortality 3	0.56	0.44	182
Cambium Mortality 4	0.41	0.59	182

Fire Data Summary Statistics
Bull Springs Fire Data Summary

Summary Statistics Tree Species PICO

Quantitative Variables

Table contains Range (Minimum and Maximum), Mean, Standard Error of the Mean, Lower and Upper 95% Confidence Limits of the Mean, Variance, and Standard Deviation, 1st Quartile, Median, and 3rd Quartile of the species data, the Total Number of Trees used for each variable in the calculations and the number of missing values for each variable.

Statistic	DBH	Tree Ht	Pre-fire live crown ht.	Post-fire base live crown ht.	Bole Scorch ht (ft)	Crown scorch volume (%)	DMR rating:	Basal Area
Minimum	5.50	49.00	13.00	16.00	0.00	0.00	0.00	20.00
Maximum	10.20	76.00	47.00	67.00	40.00	60.00	4.00	220.00
Mean	8.01	62.00	33.97	39.60	6.85	11.35	0.13	94.00
Standard Error	0.21	1.24	1.57	2.07	1.92	3.13	0.13	7.38
Lower	7.58	59.46	30.75	35.37	2.93	4.95	0.14	78.92
Upper	8.43	64.54	37.19	43.83	10.77	17.75	0.41	109.08
Variance	1.29	46.21	74.31	128.39	110.04	294.05	0.53	1631.72
Standard Deviation	1.13	6.80	8.62	11.33	10.49	17.15	0.73	40.39
1st Quartile	7.28	59.25	30.00	33.00	1.00	0.00	0.00	65.00
Median	7.85	62.00	34.50	38.00	2.00	5.00	0.00	80.00
3rd Quartile	8.95	66.50	40.50	45.00	6.50	13.75	0.00	115.00
Total N	30	30	30	30	30	30	30	30
NA's	0	0	0	0	0	0	0	0

Fire Data Summary Statistics
Bull Springs Fire Data Summary

Summary Statistics Tree Species PICO

Categorical Variables

The tables contain the proportion of the trees of this species that fell into each category for each of the twelve categorical variables, and the Number of trees used in the calculations.

PICO	DEEPLY	LIGHTLY	MODERATELY	UNBURNED	Grand Total
Bole Scorch 1	0.07	0.40	0.37	0.17	30
Bole Scorch 2	0.20	0.17	0.50	0.13	30
Bole Scorch 3	0.20	0.20	0.50	0.10	30
Bole Scorch 4	0.13	0.53	0.17	0.17	30
Ground char 1	0.03	0.17	0.73	0.07	30
Ground char 2	0.03	0.20	0.70	0.07	30
Ground char 3	0.00	0.10	0.80	0.10	30
Ground char 4	0.00	0.10	0.80	0.10	30

PICO	DEAD	LIVE	Grand Total
Cambium Mortality 1	0.70	0.27	30
Cambium Mortality 2	0.77	0.20	30
Cambium Mortality 3	0.77	0.20	30
Cambium Mortality 4	0.77	0.20	30

Fire Data Summary Statistics
Bull Springs Fire Data Summary

Summary Statistics Tree Species PIEN

Quantitative Variables

Table contains Range (Minimum and Maximum), Mean, Standard Error of the Mean, Lower and Upper 95% Confidence Limits of the Mean, Variance, and Standard Deviation, 1st Quartile, Median, and 3rd Quartile of the species data, the Total Number of Trees used for each variable in the calculations and the number of missing values for each variable.

Statistic	DBH	Tree Ht	Pre-fire live crown ht.	Post-fire base live crown ht.	Bole Scorch ht (ft)	Crown scorch volume (%)	DMR rating:	Basal Area
Minimum	5.30	24.00	1.00	1.00	0.00	0.00	0.00	8.00
Maximum	35.30	136.00	31.00	31.00	25.00	100.00	0.00	180.00
Mean	16.39	69.57	10.67	14.57	5.86	44.52	0.00	100.89
Standard Error	1.66	6.94	1.92	1.95	1.31	7.67	0.00	16.01
Lower	12.92	55.09	6.67	10.51	3.11	28.53	0.00	63.97
Upper	19.86	84.05	14.67	18.64	8.60	60.52	0.00	137.81
Variance	58.04	1012.36	77.23	79.76	36.30	1234.76	0.00	2307.11
Standard Deviation	7.62	31.82	8.79	8.93	6.03	35.14	0.00	48.03
1st Quartile	11.00	48.00	4.00	4.00	1.00	15.00	0.00	80.00
Median	16.00	70.00	8.00	16.00	4.00	40.00	0.00	100.00
3rd Quartile	19.90	80.00	16.00	20.00	10.00	70.00	0.00	120.00
Total N	21	21	21	21	21	21	21	9
NA's	0	0	0	0	0	0	0	12

Fire Data Summary Statistics
Bull Springs Fire Data Summary

Summary Statistics Tree Species PIEN

Categorical Variables

The tables contain the proportion of the trees of this species that fell into each category for each of the twelve categorical variables, and the Number of trees used in the calculations.

PIEN	DEEPLY	LIGHTLY	MODERATELY	UNBURNED	Grand Total
Bole Scorch 1	0.10	0.29	0.29	0.33	21
Bole Scorch 2	0.05	0.33	0.48	0.14	21
Bole Scorch 3	0.29	0.24	0.48	0.00	21
Bole Scorch 4	0.29	0.33	0.29	0.10	21
Ground char 1	0.00	0.38	0.48	0.14	21
Ground char 2	0.00	0.33	0.62	0.05	21
Ground char 3	0.00	0.19	0.81	0.00	21
Ground char 4	0.00	0.29	0.62	0.10	21

PIEN	DEAD	LIVE	Grand Total
Cambium Mortality 1	0.76	0.24	21
Cambium Mortality 2	0.76	0.24	21
Cambium Mortality 3	0.81	0.19	21
Cambium Mortality 4	0.86	0.14	21

Fire Data Summary Statistics
Bull Springs Fire Data Summary

Summary Statistics Tree Species PIPO

Quantitative Variables

Table contains Range (Minimum and Maximum), Mean, Standard Error of the Mean, Lower and Upper 95% Confidence Limits of the Mean, Variance, and Standard Deviation, 1st Quartile, Median, and 3rd Quartile of the species data, the Total Number of Trees used for each variable in the calculations and the number of missing values for each variable.

Statistic	DBH	Tree Ht	Pre-fire live crown ht.	Post-fire base live crown ht.	Bole Scorch ht (ft)	Crown scorch volume (%)	DMR rating:	Basal Area
Minimum	6.60	11.00	4.00	5.00	0.00	0.00	0.00	20.00
Maximum	37.90	154.00	75.00	75.00	80.00	100.00	1.00	200.00
Mean	21.44	84.51	25.85	30.56	11.71	22.18	0.01	93.09
Standard Error	0.80	3.14	1.38	1.32	1.28	2.54	0.01	5.37
Lower	19.85	78.29	23.12	27.95	9.17	17.14	0.01	82.32
Upper	23.04	90.74	28.58	33.17	14.26	27.22	0.03	103.87
Variance	73.73	1116.20	214.65	196.05	187.69	737.83	0.01	1588.42
Standard Deviation	8.59	33.41	14.65	14.00	13.70	27.16	0.09	39.85
1st Quartile	14.53	58.00	16.00	20.00	2.13	0.00	0.00	60.00
Median	21.85	91.00	22.00	29.00	8.00	10.00	0.00	100.00
3rd Quartile	28.65	110.00	37.00	39.00	15.00	40.00	0.00	120.00
Total N	114	113	113	113	114	114	114	55
NA's	0	1	1	1	0	0	0	59

Fire Data Summary Statistics
Bull Springs Fire Data Summary

Summary Statistics Tree Species PIPO

Categorical Variables

The tables contain the proportion of the trees of this species that fell into each category for each of the twelve categorical variables, and the Number of trees used in the calculations.

PIPO	DEEPLY	LIGHTLY	MODERATELY	UNBURNED	Grand Total
Bole Scorch 1	0.09	0.65	0.19	0.07	113
Bole Scorch 2	0.12	0.45	0.39	0.04	113
Bole Scorch 3	0.19	0.31	0.46	0.04	113
Bole Scorch 4	0.10	0.45	0.42	0.04	113
Ground char 1	0.00	0.33	0.63	0.04	113
Ground char 2	0.00	0.25	0.71	0.04	113
Ground char 3	0.02	0.16	0.81	0.02	113
Ground char 4	0.01	0.13	0.83	0.03	113

PIPO	DEAD	LIVE	Grand Total
Cambium Mortality 1	0.27	0.73	113
Cambium Mortality 2	0.44	0.56	113
Cambium Mortality 3	0.60	0.40	113
Cambium Mortality 4	0.58	0.42	113

Fire Data Summary Statistics
Bull Springs Fire Data Summary

Summary Statistics Tree Species PSME

Quantitative Variables

Table contains Range (Minimum and Maximum), Mean, Standard Error of the Mean, Lower and Upper 95% Confidence Limits of the Mean, Variance, and Standard Deviation, 1st Quartile, Median, and 3rd Quartile of the species data, the Total Number of Trees used for each variable in the calculations and the number of missing values for each variable.

Statistic	DBH	Tree Ht	Pre-fire live crown ht.	Post-fire base live crown ht.	Bole Scorch ht (ft)	Crown scorch volume (%)	DMR rating:	Basal Area
Minimum	6.10	28.00	0.00	2.00	0.00	0.00	0.00	20.00
Maximum	40.50	154.00	54.00	78.00	100.00	100.00	6.00	280.00
Mean	16.10	67.61	16.12	27.12	12.89	37.64	0.91	101.70
Standard Error	0.73	2.73	1.56	2.08	1.93	3.99	0.19	7.20
Lower	14.65	62.17	13.02	22.98	9.05	29.70	0.52	87.25
Upper	17.55	73.05	19.22	31.26	16.73	45.57	1.29	116.15
Variance	40.82	575.37	186.63	324.49	285.97	1222.97	2.86	2748.98
Standard Deviation	6.39	23.99	13.66	18.01	16.91	34.97	1.69	52.43
1st Quartile	11.60	50.00	7.00	13.00	3.00	5.00	0.00	60.00
Median	15.20	65.00	10.00	22.00	8.00	20.00	0.00	100.00
3rd Quartile	20.20	82.00	21.00	40.50	15.00	70.00	1.25	130.00
Total N	77	77	77	75	77	77	76	53
NA's	0	0	0	2	0	0	1	24

Fire Data Summary Statistics
Bull Springs Fire Data Summary

Summary Statistics Tree Species PSME

Categorical Variables

The tables contain the proportion of the trees of this species that fell into each category for each of the twelve categorical variables, and the Number of trees used in the calculations.

PSME	DEEPLY	LIGHTLY	MODERATELY	UNBURNED	Grand Total
Bole Scorch 1	0.09	0.43	0.23	0.25	77
Bole Scorch 2	0.13	0.44	0.31	0.12	77
Bole Scorch 3	0.22	0.21	0.40	0.17	77
Bole Scorch 4	0.17	0.36	0.31	0.16	77
Ground char 1	0.01	0.25	0.65	0.09	77
Ground char 2	0.00	0.27	0.66	0.06	77
Ground char 3	0.00	0.18	0.73	0.09	77
Ground char 4	0.00	0.23	0.68	0.09	77

PSME	DEAD	LIVE	Grand Total
Cambium Mortality 1	0.26	0.74	77
Cambium Mortality 2	0.43	0.57	77
Cambium Mortality 3	0.53	0.47	77
Cambium Mortality 4	0.44	0.56	77

Fire Data Summary Statistics
Herman Creek Fire Data Summary

VI. HERMAN CREEK FIRE DATA SUMMARY

Summary Statistics Tree Species PSME

Quantitative Variables

Table contains Range (Minimum and Maximum), Mean, Standard Error of the Mean, Lower and Upper 95% Confidence Limits of the Mean, Variance, and Standard Deviation, 1st Quartile, Median, and 3rd Quartile of the species data, the Total Number of Trees used for each variable in the calculations and the number of missing values for each variable.

Statistic	DBH	Tree Ht	Pre-fire live crown ht.	Post-fire base live crown ht.	Bole Scorch ht (ft)	Crown scorch volume (%)	DMR rating	Basal Area
Minimum	7.50	21.00	4.00	10.00	1.00	0.00	0.00	60.00
Maximum	43.80	139.00	88.00	94.00	60.00	99.00	0.00	400.00
Mean	20.81	102.74	39.99	52.08	14.17	20.42	0.00	217.81
Standard Error	0.37	0.98	0.93	0.80	0.49	1.52	0.00	5.38
Lower	20.09	100.81	38.16	50.50	13.22	17.43	0.00	207.17
Upper	21.54	104.67	41.81	53.66	15.13	23.42	0.00	228.45
Variance	50.18	358.34	320.87	238.60	87.85	862.08	0.00	4320.23
Standard Deviation	7.08	18.93	17.91	15.45	9.37	29.36	0.00	65.73
1st Quartile	15.38	92.00	25.00	43.00	7.00	0.00	0.00	180.00
Median	20.20	105.00	39.50	51.00	13.00	0.00	0.00	220.00
3rd Quartile	25.53	115.00	53.00	62.00	18.00	40.00	0.00	260.00
Total N	372	372	372	371	372	372	372	149
NA's	0	0	0	1	0	0	0	223

Fire Data Summary Statistics
Herman Creek Fire Data Summary

Summary Statistics Tree Species PSME

Categorical Variables

The tables contain the proportion of the trees of this species that fell into each category for each of the twelve categorical variables, and the Number of trees used in the calculations.

PSME	DEEPLY	LIGHTLY	MODERATELY	UNBURNED	Grand Total
Bole Scorch 1	0.12	0.12	0.75	0.02	372
Bole Scorch 2	0.14	0.07	0.79	0.00	372
Bole Scorch 3	0.20	0.03	0.77	0.00	372
Bole Scorch 4	0.18	0.07	0.75	0.00	372
Ground char 1	0.01	0.06	0.93	0.00	372
Ground char 2	0.00	0.06	0.94	0.00	372
Ground char 3	0.01	0.05	0.94	0.00	372
Ground char 4	0.01	0.06	0.93	0.00	372

PSME	DEAD	LIVE	Grand Total
Cambium Mortality 1	0.19	0.81	372
Cambium Mortality 2	0.24	0.76	372
Cambium Mortality 3	0.29	0.71	372
Cambium Mortality 4	0.24	0.76	372

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Fire Data Summary Statistics
Davis Fire Data Summary
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VII. DAVIS FIRE DATA SUMMARY

Summary Statistics Tree Species ABCO

Quantitative Variables

Table contains Range (Minimum and Maximum), Mean, Standard Error of the Mean, Lower and Upper 95% Confidence Limits of the Mean, Variance, and Standard Deviation, 1st Quartile, Median, and 3rd Quartile of the species data, the Total Number of Trees used for each variable in the calculations and the number of missing values for each variable.

Statistic	DBH	Tree Ht	Pre-fire live crown ht.	Post-fire base live crown ht.	Bole Scorch ht (ft)	Crown scorch volume (%)	DMR rating:	Basal Area
Minimum	9.40	49.00	7.00	25.00	4.00	0.00	0.00	70.00
Maximum	32.00	136.00	51.00	97.00	34.00	95.00	0.00	200.00
Mean	19.44	80.95	26.20	53.27	17.68	53.98	0.00	112.27
Standard Error	0.70	2.03	1.06	1.91	0.90	2.87	0.00	7.50
Lower	18.04	76.90	24.08	49.45	15.88	48.23	0.00	96.68
Upper	20.84	85.00	28.33	57.09	19.47	59.73	0.00	127.87
Variance	29.00	241.98	66.68	214.82	47.39	486.88	0.00	1237.45
Standard Deviation	5.39	15.56	8.17	14.66	6.88	22.07	0.00	35.18
1st Quartile	15.20	71.00	21.00	41.50	14.00	40.00	0.00	90.00
Median	19.20	81.00	25.00	53.00	18.00	55.00	0.00	105.00
3rd Quartile	23.35	87.50	31.00	60.50	22.00	70.00	0.00	130.00
Total N	59	59	59	59	59	59	59	22
NA's	0	0	0	0	0	0	0	37

Fire Data Summary Statistics
Davis Fire Data Summary

Summary Statistics Tree Species ABCO

Categorical Variables

The tables contain the proportion of the trees of this species that fell into each category for each of the twelve categorical variables, and the Number of trees used in the calculations.

ABCO	DEEPLY	LIGHTLY	MODERATELY	UNBURNED	Grand Total
Bole Scorch 1	0.36	0.34	0.25	0.05	59
Bole Scorch 2	0.51	0.19	0.29	0.02	59
Bole Scorch 3	0.75	0.03	0.22	0.00	59
Bole Scorch 4	0.53	0.17	0.31	0.00	59
Ground char 1	0.00	0.00	1.00	0.00	59
Ground char 2	0.07	0.00	0.93	0.00	59
Ground char 3	0.00	0.00	1.00	0.00	59
Ground char 4	0.02	0.00	0.98	0.00	59

ABCO	DEAD	LIVE	Grand Total
Cambium Mortality 1	0.39	0.61	59
Cambium Mortality 2	0.63	0.37	59
Cambium Mortality 3	0.85	0.15	59
Cambium Mortality 4	0.56	0.44	59

Fire Data Summary Statistics
Davis Fire Data Summary

Summary Statistics Tree Species ABLO

Quantitative Variables

Table contains Range (Minimum and Maximum), Mean, Standard Error of the Mean, Lower and Upper 95% Confidence Limits of the Mean, Variance, and Standard Deviation, 1st Quartile, Median, and 3rd Quartile of the species data, the Total Number of Trees used for each variable in the calculations and the number of missing values for each variable.

Statistic	DBH	Tree Ht	Pre-fire live crown ht.	Post-fire base live crown ht.	Bole Scorch ht (ft)	Crown scorch volume (%)	DMR rating:	Basal Area
Minimum	27.90	113.00	11.00	31.00	7.00	10.00	0.00	50.00
Maximum	27.90	113.00	11.00	31.00	7.00	10.00	0.00	50.00
Mean	27.90	113.00	11.00	31.00	7.00	10.00	0.00	50.00
Standard Error	NA	NA	NA	NA	NA	NA	NA	NA
Lower	NA	NA	NA	NA	NA	NA	NA	NA
Upper	NA	NA	NA	NA	NA	NA	NA	NA
Variance	NA	NA	NA	NA	NA	NA	NA	NA
Standard Deviation	NA	NA	NA	NA	NA	NA	NA	NA
1st Quartile	27.90	113.00	11.00	31.00	7.00	10.00	0.00	50.00
Median	27.90	113.00	11.00	31.00	7.00	10.00	0.00	50.00
3rd Quartile	27.90	113.00	11.00	31.00	7.00	10.00	0.00	50.00
Total N	1	1	1	1	1	1	1	1
NA's	0	0	0	0	0	0	0	0

Fire Data Summary Statistics
Davis Fire Data Summary

Summary Statistics Tree Species ABLO

Categorical Variables

The tables contain the proportion of the trees of this species that fell into each category for each of the twelve categorical variables, and the Number of trees used in the calculations.

ABLO	DEEPLY	LIGHTLY	MODERATELY	UNBURNED	Grand Total
Bole Scorch 1	1.00	0.00	0.00	0.00	1
Bole Scorch 2	1.00	0.00	0.00	0.00	1
Bole Scorch 3	0.00	0.00	1.00	0.00	1
Bole Scorch 4	0.00	1.00	0.00	0.00	1
Ground char 1	0.00	0.00	1.00	0.00	1
Ground char 2	0.00	0.00	1.00	0.00	1
Ground char 3	0.00	0.00	1.00	0.00	1
Ground char 4	0.00	0.00	1.00	0.00	1

ABLO	DEAD	LIVE	Grand Total
Cambium Mortality 1	1.00	0.00	1
Cambium Mortality 2	1.00	0.00	1
Cambium Mortality 3	1.00	0.00	1
Cambium Mortality 4	0.00	1.00	1

Fire Data Summary Statistics
Davis Fire Data Summary

Summary Statistics Tree Species PICO

Quantitative Variables

Table contains Range (Minimum and Maximum), Mean, Standard Error of the Mean, Lower and Upper 95% Confidence Limits of the Mean, Variance, and Standard Deviation, 1st Quartile, Median, and 3rd Quartile of the species data, the Total Number of Trees used for each variable in the calculations and the number of missing values for each variable.

Statistic	DBH	Tree Ht	Pre-fire live crown ht.	Post-fire base live crown ht.	Bole Scorch ht (ft)	Crown scorch volume (%)	DMR rating:	Basal Area
Minimum	5.30	35.00	6.00	14.00	0.50	1.00	0.00	50.00
Maximum	17.60	89.00	47.00	62.00	40.00	95.00	4.00	140.00
Mean	10.86	58.33	17.24	31.62	13.38	40.29	1.13	91.43
Standard Error	0.71	3.26	2.79	2.98	2.37	6.11	0.35	15.19
Lower	9.38	51.53	11.42	25.41	8.45	27.53	0.37	54.27
Upper	12.33	65.13	23.05	37.83	18.32	53.04	1.88	128.59
Variance	10.46	223.23	163.09	186.05	117.52	784.71	1.98	1614.29
Standard Deviation	3.23	14.94	12.77	13.64	10.84	28.01	1.41	40.18
1st Quartile	8.60	43.00	8.00	20.00	6.00	20.00	0.00	60.00
Median	10.50	60.00	11.00	32.00	11.00	40.00	0.00	70.00
3rd Quartile	13.00	70.00	26.00	40.00	23.00	60.00	2.00	130.00
Total N	21	21	21	21	21	21	16	7
NA's	0	0	0	0	0	0	5	14

Fire Data Summary Statistics
Davis Fire Data Summary

Summary Statistics Tree Species PICO

Categorical Variables

The tables contain the proportion of the trees of this species that fell into each category for each of the twelve categorical variables, and the Number of trees used in the calculations.

PICO	DEEPLY	LIGHTLY	MODERATELY	UNBURNED	Grand Total
Bole Scorch 1	0.29	0.24	0.38	0.10	21
Bole Scorch 2	0.29	0.29	0.38	0.05	21
Bole Scorch 3	0.52	0.10	0.33	0.05	21
Bole Scorch 4	0.38	0.19	0.38	0.05	21
Ground char 1	0.00	0.00	0.95	0.05	21
Ground char 2	0.00	0.00	0.95	0.05	21
Ground char 3	0.00	0.05	0.90	0.05	21
Ground char 4	0.00	0.05	0.95	0.00	21

PICO	DEAD	LIVE	Grand Total
Cambium Mortality 1	0.52	0.48	21
Cambium Mortality 2	0.67	0.33	21
Cambium Mortality 3	0.95	0.05	21
Cambium Mortality 4	0.71	0.29	21

Fire Data Summary Statistics
Davis Fire Data Summary

Summary Statistics Tree Species PILA

Quantitative Variables

Table contains Range (Minimum and Maximum), Mean, Standard Error of the Mean, Lower and Upper 95% Confidence Limits of the Mean, Variance, and Standard Deviation, 1st Quartile, Median, and 3rd Quartile of the species data, the Total Number of Trees used for each variable in the calculations and the number of missing values for each variable.

Statistic	DBH	Tree Ht	Pre-fire live crown ht.	Post-fire base live crown ht.	Bole Scorch ht (ft)	Crown scorch volume (%)	DMR rating:	Basal Area
Minimum	7.20	38.00	10.00	22.00	4.00	5.00	0.00	50.00
Maximum	51.20	160.00	72.00	149.00	104.00	100.00	0.00	150.00
Mean	31.82	112.85	38.13	76.19	37.15	54.16	0.00	97.71
Standard Error	1.09	2.43	1.46	2.97	2.29	3.36	0.00	4.53
Lower	29.65	108.01	35.21	70.28	32.58	47.47	0.00	88.51
Upper	33.99	117.69	41.04	82.10	41.72	60.86	0.00	106.92
Variance	95.44	472.43	171.25	705.29	421.19	905.20	0.00	718.15
Standard Deviation	9.77	21.74	13.09	26.56	20.52	30.09	0.00	26.80
1st Quartile	25.78	97.00	29.00	57.00	22.75	33.75	0.00	80.00
Median	31.15	114.00	38.00	75.00	34.00	45.00	0.00	100.00
3rd Quartile	39.50	129.00	46.00	92.25	51.25	80.00	0.00	110.00
Total N	80	80	80	80	80	80	80	35
NA's	0	0	0	0	0	0	0	45

Fire Data Summary Statistics
Davis Fire Data Summary

Summary Statistics Tree Species PILA

Categorical Variables

The tables contain the proportion of the trees of this species that fell into each category for each of the twelve categorical variables, and the Number of trees used in the calculations.

PILA	DEEPLY	LIGHTLY	MODERATELY	UNBURNED	Grand Total
Bole Scorch 1	0.30	0.19	0.49	0.03	80
Bole Scorch 2	0.34	0.16	0.50	0.00	80
Bole Scorch 3	0.41	0.13	0.46	0.00	80
Bole Scorch 4	0.29	0.10	0.59	0.03	80
Ground char 1	0.03	0.01	0.96	0.00	80
Ground char 2	0.00	0.01	0.99	0.00	80
Ground char 3	0.00	0.01	0.99	0.00	80
Ground char 4	0.01	0.03	0.96	0.00	80

PILA	DEAD	LIVE	Grand Total
Cambium Mortality 1	0.26	0.74	80
Cambium Mortality 2	0.41	0.59	80
Cambium Mortality 3	0.49	0.51	80
Cambium Mortality 4	0.34	0.66	80

Fire Data Summary Statistics
Davis Fire Data Summary

Summary Statistics Tree Species PIMO

Quantitative Variables

Table contains Range (Minimum and Maximum), Mean, Standard Error of the Mean, Lower and Upper 95% Confidence Limits of the Mean, Variance, and Standard Deviation, 1st Quartile, Median, and 3rd Quartile of the species data, the Total Number of Trees used for each variable in the calculations and the number of missing values for each variable.

Statistic	DBH	Tree Ht	Pre-fire live crown ht.	Post-fire base live crown ht.	Bole Scorch ht (ft)	Crown scorch volume (%)	DMR rating:	Basal Area
Minimum	9.30	73.00	12.00	31.00	1.00	1.00	0.00	70.00
Maximum	29.40	114.00	52.00	97.00	55.00	95.00	0.00	140.00
Mean	19.03	98.17	28.96	57.00	14.88	49.21	0.00	111.43
Standard Error	1.05	2.37	2.24	3.57	2.32	6.23	0.00	10.33
Lower	16.86	93.26	24.32	49.62	10.07	36.32	0.00	86.14
Upper	21.21	103.08	33.60	64.38	19.68	62.10	0.00	136.72
Variance	26.49	135.28	120.65	305.30	129.42	932.00	0.00	747.62
Standard Deviation	5.15	11.63	10.98	17.47	11.38	30.53	0.00	27.34
1st Quartile	15.50	89.75	22.25	42.00	8.00	20.00	0.00	95.00
Median	19.55	98.50	28.00	56.00	12.50	50.00	0.00	120.00
3rd Quartile	22.73	108.00	35.25	64.50	17.25	76.25	0.00	130.00
Total N	24	24	24	24	24	24	24	7
NA's	0	0	0	0	0	0	0	17

Fire Data Summary Statistics
Davis Fire Data Summary

Summary Statistics Tree Species PIMO

Categorical Variables

The tables contain the proportion of the trees of this species that fell into each category for each of the twelve categorical variables, and the Number of trees used in the calculations.

PIMO	DEEPLY	LIGHTLY	MODERATELY	UNBURNED	Grand Total
Bole Scorch 1	0.39	0.13	0.43	0.04	23
Bole Scorch 2	0.52	0.09	0.39	0.00	23
Bole Scorch 3	0.52	0.04	0.43	0.00	23
Bole Scorch 4	0.52	0.09	0.35	0.04	23
Ground char 1	0.00	0.00	1.00	0.00	24
Ground char 2	0.00	0.00	1.00	0.00	24
Ground char 3	0.00	0.00	1.00	0.00	24
Ground char 4	0.00	0.00	1.00	0.00	24

PIMO	DEAD	LIVE	Grand Total
Cambium Mortality 1	0.88	0.13	24
Cambium Mortality 2	0.88	0.13	24
Cambium Mortality 3	0.92	0.08	24
Cambium Mortality 4	0.96	0.04	24

Fire Data Summary Statistics
Davis Fire Data Summary

Summary Statistics Tree Species PIPO

Quantitative Variables

Table contains Range (Minimum and Maximum), Mean, Standard Error of the Mean, Lower and Upper 95% Confidence Limits of the Mean, Variance, and Standard Deviation, 1st Quartile, Median, and 3rd Quartile of the species data, the Total Number of Trees used for each variable in the calculations and the number of missing values for each variable.

Statistic	DBH	Tree Ht	Pre-fire live crown ht.	Post-fire base live crown ht.	Bole Scorch ht (ft)	Crown scorch volume (%)	DMR rating:	Basal Area
Minimum	7.10	29.00	6.00	17.00	1.00	0.00	0.00	0.00
Maximum	49.20	165.00	100.00	135.00	110.00	100.00	5.00	220.00
Mean	25.30	107.93	37.61	65.80	28.34	45.60	0.32	100.36
Standard Error	0.39	1.28	0.76	1.15	0.75	1.52	0.05	3.19
Lower	24.53	105.42	36.11	63.53	26.86	42.61	0.23	94.06
Upper	26.08	110.44	39.11	68.06	29.81	48.60	0.42	106.67
Variance	67.55	707.48	253.25	577.10	246.10	1011.06	1.02	1774.83
Standard Deviation	8.22	26.60	15.91	24.02	15.69	31.80	1.01	42.13
1st Quartile	18.60	90.00	26.00	47.50	17.00	15.00	0.00	70.00
Median	25.90	114.00	38.00	64.00	27.00	45.00	0.00	100.00
3rd Quartile	31.60	127.50	48.00	84.00	35.00	75.00	0.00	120.00
Total N	435	435	435	435	435	435	435	174
NA's	2	0	0	0	0	0	5	261

Fire Data Summary Statistics
Davis Fire Data Summary

Summary Statistics Tree Species PIPO

Categorical Variables

The tables contain the proportion of the trees of this species that fell into each category for each of the twelve categorical variables, and the Number of trees used in the calculations.

PIPO	DEEPLY	LIGHTLY	MODERATELY	UNBURNED	Grand Total
Bole Scorch 1	0.26	0.15	0.57	0.01	435
Bole Scorch 2	0.30	0.09	0.61	0.00	435
Bole Scorch 3	0.39	0.05	0.56	0.00	435
Bole Scorch 4	0.31	0.08	0.61	0.00	435
Ground char 1	0.00	0.00	1.00	0.00	435
Ground char 2	0.01	0.00	0.99	0.00	435
Ground char 3	0.00	0.00	1.00	0.00	435
Ground char 4	0.01	0.00	0.99	0.00	435

PIPO	DEAD	LIVE	Grand Total
Cambium Mortality 1	0.15	0.85	435
Cambium Mortality 2	0.19	0.81	435
Cambium Mortality 3	0.25	0.75	435
Cambium Mortality 4	0.20	0.80	435

Fire Data Summary Statistics
Davis Fire Data Summary

Summary Statistics Tree Species PSME

Quantitative Variables

Table contains Range (Minimum and Maximum), Mean, Standard Error of the Mean, Lower and Upper 95% Confidence Limits of the Mean, Variance, and Standard Deviation, 1st Quartile, Median, and 3rd Quartile of the species data, the Total Number of Trees used for each variable in the calculations and the number of missing values for each variable.

Statistic	DBH	Tree Ht	Pre-fire live crown ht.	Post-fire base live crown ht.	Bole Scorch ht (ft)	Crown scorch volume (%)	DMR rating:	Basal Area
Minimum	9.20	57.00	9.00	21.00	0.50	0.00	0.00	60.00
Maximum	49.60	134.00	60.00	99.00	55.00	100.00	0.00	160.00
Mean	24.54	90.31	25.03	47.94	23.21	39.78	0.00	112.41
Standard Error	1.07	1.79	1.16	1.99	1.33	3.35	0.00	5.78
Lower	22.39	86.73	22.71	43.95	20.54	33.10	0.00	100.57
Upper	26.69	93.88	27.35	51.92	25.87	46.47	0.00	124.25
Variance	75.10	208.40	87.62	258.68	115.59	728.80	0.00	968.97
Standard Deviation	8.67	14.44	9.36	16.08	10.75	27.00	0.00	31.13
1st Quartile	18.60	82.00	19.00	36.00	15.00	20.00	0.00	100.00
Median	24.60	92.00	24.00	44.00	21.00	35.00	0.00	110.00
3rd Quartile	30.50	98.00	31.00	57.00	30.00	60.00	0.00	140.00
Total N	65	65	65	65	65	65	65	29
NA's	0	0	0	0	0	0	0	36

Fire Data Summary Statistics
Davis Fire Data Summary

Summary Statistics Tree Species PSME

Categorical Variables

The tables contain the proportion of the trees of this species that fell into each category for each of the twelve categorical variables, and the Number of trees used in the calculations.

PSME	DEEPLY	LIGHTLY	MODERATELY	UNBURNED	Grand Total
Bole Scorch 1	0.43	0.14	0.42	0.02	65
Bole Scorch 2	0.55	0.03	0.42	0.00	65
Bole Scorch 3	0.72	0.02	0.26	0.00	65
Bole Scorch 4	0.51	0.09	0.40	0.00	65
Ground char 1	0.03	0.00	0.97	0.00	64
Ground char 2	0.06	0.02	0.92	0.00	64
Ground char 3	0.02	0.00	0.98	0.00	64
Ground char 4	0.02	0.00	0.98	0.00	64

PSME	DEAD	LIVE	Grand Total
Cambium Mortality 1	0.06	0.94	65
Cambium Mortality 2	0.23	0.77	65
Cambium Mortality 3	0.29	0.71	65
Cambium Mortality 4	0.14	0.86	65

Fire Data Summary Statistics
Bonanza Fire Data Summary

VIII. BONANZA FIRE DATA SUMMARY

Summary Statistics Tree Species PSME

Quantitative Variables

Table contains Range (Minimum and Maximum), Mean, Standard Error of the Mean, Lower and Upper 95% Confidence Limits of the Mean, Variance, and Standard Deviation, 1st Quartile, Median, and 3rd Quartile of the species data, the Total Number of Trees used for each variable in the calculations and the number of missing values for each variable.

Statistic	DBH	Tree Ht	Pre-fire live crown ht.	Post-fire base live crown ht.	Bole Scorch ht (ft)	Crown scorch volume (%)	DMR rating:	Basal Area
Minimum	9.00	65.00	17.00	24.00	0.00	0.00	0.00	50.00
Maximum	43.40	164.00	86.00	109.00	40.00	100.00	0.00	120.00
Mean	16.74	95.67	36.58	49.72	15.94	24.17	0.00	84.39
Standard Error	0.41	1.23	1.12	1.48	0.80	2.81	0.00	2.98
Lower	15.93	93.22	34.35	46.77	14.35	18.59	0.00	78.36
Upper	17.54	98.11	38.81	52.66	17.53	29.75	0.00	90.42
Variance	16.75	154.80	128.56	224.60	65.36	806.97	0.00	365.24
Standard Deviation	4.09	12.44	11.34	14.99	8.08	28.41	0.00	19.11
1st Quartile	14.80	90.00	30.25	39.25	10.00	1.00	0.00	70.00
Median	16.55	94.50	35.00	46.50	15.00	10.00	0.00	90.00
3rd Quartile	17.98	102.00	42.00	59.00	21.00	42.50	0.00	90.00
Total N	102	102	102	102	102	102	102	102
NA's	0	0	0	0	0	0	0	61

Fire Data Summary Statistics
Bonanza Fire Data Summary

Summary Statistics Tree Species PSME

Categorical Variables

The tables contain the proportion of the trees of this species that fell into each category for each of the twelve categorical variables, and the Number of trees used in the calculations.

PSME	DEEPLY	LIGHTLY	MODERATELY	UNBURNED	Grand Total
Bole Scorch 1	0.12	0.08	0.78	0.02	102
Bole Scorch 2	0.03	0.05	0.90	0.02	102
Bole Scorch 3	0.01	0.04	0.92	0.03	102
Bole Scorch 4	0.04	0.05	0.89	0.02	102
Ground char 1	0.39	0.59	0.02	0.00	101
Ground char 2	0.49	0.50	0.02	0.00	101
Ground char 3	0.46	0.51	0.03	0.00	101
Ground char 4	0.42	0.55	0.03	0.00	101

PSME	DEAD	LIVE	Grand Total
Cambium Mortality 1	0.07	0.93	102
Cambium Mortality 2	0.09	0.91	102
Cambium Mortality 3	0.14	0.86	102
Cambium Mortality 4	0.13	0.87	101

Fire Data Summary Statistics
Bonanza Fire Data Summary

Summary Statistics Tree Species TSHE

Quantitative Variables

Table contains Range (Minimum and Maximum), Mean, Standard Error of the Mean, Lower and Upper 95% Confidence Limits of the Mean, Variance, and Standard Deviation, 1st Quartile, Median, and 3rd Quartile of the species data, the Total Number of Trees used for each variable in the calculations and the number of missing values for each variable.

Statistic	DBH	Tree Ht	Pre-fire live crown ht.	Post-fire base live crown ht.	Bole Scorch ht (ft)	Crown scorch volume (%)	DMR rating:	Basal Area
Minimum	11.20	70.00	6.00	14.00	0.00	15.00	0.00	130.00
Maximum	14.10	88.00	45.00	51.00	11.00	65.00	3.00	130.00
Mean	13.13	79.67	19.67	33.33	4.67	36.67	1.00	130.00
Standard Error	0.97	5.24	12.68	10.71	3.28	14.81	1.00	NA
Lower	8.97	57.13	34.89	12.76	9.46	27.07	3.30	NA
Upper	17.29	102.21	74.22	79.43	18.79	100.40	5.30	NA
Variance	2.80	82.33	482.33	344.33	32.33	658.33	3.00	NA
Standard Deviation	1.67	9.07	21.96	18.56	5.69	25.66	1.73	NA
1st Quartile	12.65	75.50	7.00	24.50	1.50	22.50	0.00	130.00
Median	14.10	81.00	8.00	35.00	3.00	30.00	0.00	130.00
3rd Quartile	14.10	84.50	26.50	43.00	7.00	47.50	1.50	130.00
Total N	3	3	3	3	3	3	3	1
NA's	0	0	0	0	0	0	0	2

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Fire Data Summary Statistics
Bonanza Fire Data Summary
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Summary Statistics Tree Species TSHE

Categorical Variables

The tables contain the proportion of the trees of this species that fell into each category for each of the twelve categorical variables, and the Number of trees used in the calculations.

TSHE	DEEPLY	LIGHTLY	MODERATELY	UNBURNED	Grand Total
Bole Scorch 1	0.33	0.33	0.00	0.33	3
Bole Scorch 2	0.33	0.33	0.00	0.33	3
Bole Scorch 3	0.00	0.33	0.33	0.33	3
Bole Scorch 4	0.33	0.33	0.00	0.33	3
Ground char 1	0.33	0.67	0.00	0.00	3
Ground char 2	0.33	0.67	0.00	0.00	3
Ground char 3	0.33	0.33	0.33	0.00	3
Ground char 4	0.00	0.67	0.33	0.00	3

TSHE	DEAD	LIVE	Grand Total
Cambium Mortality 1	0.67	0.33	3
Cambium Mortality 2	0.67	0.33	3
Cambium Mortality 3	0.67	0.33	3
Cambium Mortality 4	0.67	0.33	3

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Fire Data Summary Statistics
Clark Fire Data Summary
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IX. CLARK FIRE DATA SUMMARY

Summary Statistics Tree Species PSME

Quantitative Variables

Table contains Range (Minimum and Maximum), Mean, Standard Error of the Mean, Lower and Upper 95% Confidence Limits of the Mean, Variance, and Standard Deviation, 1st Quartile, Median, and 3rd Quartile of the species data, the Total Number of Trees used for each variable in the calculations and the number of missing values for each variable.

Statistic	DBH	Tree Ht	Pre-fire live crown ht.	Post-fire base live crown ht.	Bole Scorch ht (ft)	Crown scorch volume (%)	DMR rating:	Basal Area
Minimum	5.80	48.00	10.00	7.00	0.00	0.00	0.00	2.00
Maximum	83.00	284.00	156.00	190.00	120.00	99.00	0.00	20.00
Mean	28.53	142.68	72.89	87.13	25.37	23.49	0.00	10.25
Standard Error	0.56	1.62	1.00	1.16	0.77	1.18	0.00	0.13
Lower	27.42	139.51	70.93	84.85	23.86	21.17	0.00	10.00
Upper	29.63	145.85	74.84	89.42	26.87	25.81	0.00	10.50
Variance	225.47	1866.81	708.70	970.22	420.96	999.86	0.00	8.78
Standard Deviation	15.02	43.21	26.62	31.15	20.52	31.62	0.00	2.96
1st Quartile	16.20	106.00	52.00	65.00	10.00	0.00	0.00	8.00
Median	26.00	145.00	72.00	84.00	20.00	5.00	0.00	10.00
3rd Quartile	37.80	177.00	90.00	105.50	36.00	40.00	0.00	12.00
Total N	712	715	715	715	715	714	241	541
NA's	3	0	0	0	0	1	474	174

Fire Data Summary Statistics
Clark Fire Data Summary

Summary Statistics Tree Species PSME

Categorical Variables

The tables contain the proportion of the trees of this species that fell into each category for each of the twelve categorical variables, and the Number of trees used in the calculations.

PSME	DEEPLY	LIGHTLY	MODERATELY	UNBURNED	Grand Total
Bole Scorch 1	0.27	0.34	0.39	0.01	715
Bole Scorch 2	0.27	0.19	0.53	0.01	715
Bole Scorch 3	0.33	0.14	0.52	0.01	713
Bole Scorch 4	0.27	0.19	0.54	0.00	714
Ground char 1	0.08	0.09	0.83	0.00	715
Ground char 2	0.03	0.09	0.89	0.00	715
Ground char 3	0.03	0.08	0.89	0.00	715
Ground char 4	0.04	0.07	0.89	0.00	714

PSME	DEAD	LIVE	Grand Total
Cambium Mortality 1	0.12	0.87	714
Cambium Mortality 2	0.16	0.84	714
Cambium Mortality 3	0.23	0.77	712
Cambium Mortality 4	0.18	0.82	713

Fire Data Summary Statistics
Clark Fire Data Summary

Summary Statistics Tree Species THPL

Quantitative Variables

Table contains Range (Minimum and Maximum), Mean, Standard Error of the Mean, Lower and Upper 95% Confidence Limits of the Mean, Variance, and Standard Deviation, 1st Quartile, Median, and 3rd Quartile of the species data, the Total Number of Trees used for each variable in the calculations and the number of missing values for each variable.

Statistic	DBH	Tree Ht	Pre-fire live crown ht.	Post-fire base live crown ht.	Bole Scorch ht (ft)	Crown scorch volume (%)	DMR rating:	Basal Area
Minimum	10.10	48.00	7.00	8.00	4.00	0.00	0.00	7.00
Maximum	38.10	145.00	62.00	66.00	29.00	99.00	0.00	12.00
Mean	24.14	93.80	25.00	33.90	9.60	24.60	0.00	9.50
Standard Error	2.52	8.69	5.01	6.40	2.38	10.84	0.00	1.19
Lower	18.44	74.15	13.66	19.42	4.21	0.08	0.00	5.71
Upper	29.84	113.45	36.34	48.38	14.99	49.12	0.00	13.29
Variance	63.54	754.40	251.11	409.88	56.71	1175.16	0.00	5.67
Standard Deviation	7.97	27.47	15.85	20.25	7.53	34.28	0.00	2.38
1st Quartile	21.40	83.00	13.25	20.75	5.00	2.00	0.00	7.75
Median	24.80	100.00	24.00	28.00	7.00	10.00	0.00	9.50
3rd Quartile	27.50	105.00	31.25	48.25	11.75	32.50	0.00	11.25
Total N	10	10	10	10	10	10	8	4
NA's	0	0	0	0	0	0	2	6

Fire Data Summary Statistics
Clark Fire Data Summary

Summary Statistics Tree Species THPL

Categorical Variables

The tables contain the proportion of the trees of this species that fell into each category for each of the twelve categorical variables, and the Number of trees used in the calculations.

THPL	DEEPLY	LIGHTLY	MODERATELY	UNBURNED	Grand Total
Bole Scorch 1	0.10	0.30	0.40	0.20	10
Bole Scorch 2	0.10	0.80	0.10	0.00	10
Bole Scorch 3	0.20	0.60	0.20	0.00	10
Bole Scorch 4	0.20	0.60	0.20	0.00	10
Ground char 1	0.00	0.30	0.60	0.10	10
Ground char 2	0.00	0.30	0.70	0.00	10
Ground char 3	0.00	0.30	0.70	0.00	10
Ground char 4	0.00	0.30	0.70	0.00	10

THPL	DEAD	LIVE	Grand Total
Cambium Mortality 1	0.70	0.30	10
Cambium Mortality 2	0.90	0.10	10
Cambium Mortality 3	0.80	0.20	10
Cambium Mortality 4	0.80	0.20	10

Fire Data Summary Statistics
Clark Fire Data Summary

Summary Statistics Tree Species TSHE

Quantitative Variables

Table contains Range (Minimum and Maximum), Mean, Standard Error of the Mean, Lower and Upper 95% Confidence Limits of the Mean, Variance, and Standard Deviation, 1st Quartile, Median, and 3rd Quartile of the species data, the Total Number of Trees used for each variable in the calculations and the number of missing values for each variable.

Statistic	DBH	Tree Ht	Pre-fire live crown ht.	Post-fire base live crown ht.	Bole Scorch ht (ft)	Crown scorch volume (%)	DMR rating:	Basal Area
Minimum	6.50	48.00	5.00	16.00	0.50	0.00	0.00	2.00
Maximum	52.00	173.00	95.00	130.00	86.00	99.00	0.00	17.00
Mean	21.75	115.20	42.26	66.99	7.90	42.98	0.00	9.43
Standard Error	0.50	1.70	1.26	1.66	0.72	2.16	0.00	0.21
Lower	20.76	111.85	39.79	63.72	6.49	38.74	0.00	9.02
Upper	22.74	118.54	44.73	70.25	9.31	47.23	0.00	9.83
Variance	67.74	770.23	422.28	737.67	137.44	1246.24	0.00	6.27
Standard Deviation	8.23	27.75	20.55	27.16	11.72	35.30	0.00	2.50
1st Quartile	14.95	94.50	25.00	47.00	2.00	5.00	0.00	8.00
Median	20.60	119.00	40.00	66.00	4.00	40.00	0.00	9.00
3rd Quartile	27.45	138.5	59	86	9	80	0	11
Total N	267	267	268	268	268	268	156	148
NA's	1	1	0	0	0	0	112	120

Fire Data Summary Statistics
Clark Fire Data Summary

Summary Statistics Tree Species TSHE

Categorical Variables

The tables contain the proportion of the trees of this species that fell into each category for each of the twelve categorical variables, and the Number of trees used in the calculations.

TSHE	DEEPLY	LIGHTLY	MODERATELY	UNBURNED	Grand Total
Bole Scorch 1	0.18	0.44	0.38	0.00	268
Bole Scorch 2	0.21	0.29	0.48	0.01	268
Bole Scorch 3	0.28	0.22	0.49	0.01	268
Bole Scorch 4	0.21	0.25	0.52	0.01	268
Ground char 1	0.03	0.07	0.90	0.00	268
Ground char 2	0.06	0.06	0.88	0.00	268
Ground char 3	0.04	0.06	0.88	0.01	268
Ground char 4	0.04	0.04	0.91	0.01	268

TSHE	DEAD	LIVE	Grand Total
Cambium Mortality 1	0.93	0.06	268
Cambium Mortality 2	0.95	0.05	268
Cambium Mortality 3	0.97	0.03	268
Cambium Mortality 4	0.97	0.03	267

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Fire Data Summary Statistics
Griff Fire Data Summary
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X. GRIFF FIRE DATA SUMMARY

Summary Statistics Tree Species ABAM

Quantitative Variables

Table contains Range (Minimum and Maximum), Mean, Standard Error of the Mean, Lower and Upper 95% Confidence Limits of the Mean, Variance, and Standard Deviation, 1st Quartile, Median, and 3rd Quartile of the species data, the Total Number of Trees used for each variable in the calculations and the number of missing values for each variable.

Statistic	DBH	Tree Ht	Pre-fire live crown ht.	Post-fire base live crown ht.	Bole Scorch ht (ft)	Crown scorch volume (%)	DMR rating:	Basal Area
Minimum	6.90	37.00	5.00	12.00	0.00	0.00	0.00	100.00
Maximum	44.50	169.00	89.00	89.00	60.00	95.00	5.00	320.00
Mean	21.65	101.71	33.74	43.37	11.15	10.07	0.08	186.82
Standard Error	0.96	2.94	1.45	1.57	1.14	1.79	0.06	9.13
Lower	19.75	95.88	30.87	40.26	8.90	6.52	0.03	168.41
Upper	23.55	107.55	36.60	46.48	13.40	13.63	0.20	205.22
Variance	102.08	961.83	231.99	273.47	143.17	356.98	0.37	3664.06
Standard Deviation	10.10	31.01	15.23	16.54	11.97	18.89	0.61	60.53
1st Quartile	13.15	77.00	22.00	33.00	1.00	0.00	0.00	140.00
Median	21.30	106.00	33.00	42.00	7.00	0.00	0.00	180.00
3rd Quartile	28.10	126.00	47.00	52.50	19.00	10.00	0.00	220.00
Total N	111	111	111	111	111	111	111	111
NA's	0	0	0	0	0	0	1	67

Fire Data Summary Statistics
Griff Fire Data Summary

Summary Statistics Tree Species ABAM

Categorical Variables

The tables contain the proportion of the trees of this species that fell into each category for each of the twelve categorical variables, and the Number of trees used in the calculations.

ABAM	DEEPLY	LIGHTLY	MODERATELY	UNBURNED	Grand Total
Bole Scorch 1	0.09	0.38	0.19	0.34	111
Bole Scorch 2	0.18	0.34	0.37	0.11	111
Bole Scorch 3	0.34	0.20	0.40	0.06	111
Bole Scorch 4	0.24	0.39	0.29	0.08	111
Ground char 1	0.09	0.45	0.36	0.10	111
Ground char 2	0.10	0.32	0.57	0.01	111
Ground char 3	0.19	0.23	0.56	0.02	111
Ground char 4	0.11	0.32	0.55	0.03	111

ABAM	DEAD	LIVE	Grand Total
Cambium Mortality 1	0.59	0.41	111
Cambium Mortality 2	0.84	0.16	111
Cambium Mortality 3	0.89	0.11	111
Cambium Mortality 4	0.80	0.20	111

Fire Data Summary Statistics
Griff Fire Data Summary

Summary Statistics Tree Species ABLA

Quantitative Variables

Table contains Range (Minimum and Maximum), Mean, Standard Error of the Mean, Lower and Upper 95% Confidence Limits of the Mean, Variance, and Standard Deviation, 1st Quartile, Median, and 3rd Quartile of the species data, the Total Number of Trees used for each variable in the calculations and the number of missing values for each variable.

Statistic	DBH	Tree Ht	Pre-fire live crown ht.	Post-fire base live crown ht.	Bole Scorch ht (ft)	Crown scorch volume (%)	DMR rating:	Basal Area
Minimum	19.50	110.00	27.00	71.00	23.00	5.00	0.00	200.00
Maximum	19.50	110.00	27.00	71.00	23.00	5.00	0.00	200.00
Mean	19.50	110.00	27.00	71.00	23.00	5.00	0.00	200.00
Standard Error	NA	NA	NA	NA	NA	NA	NA	NA
Lower	NA	NA	NA	NA	NA	NA	NA	NA
Upper	NA	NA	NA	NA	NA	NA	NA	NA
Variance	NA	NA	NA	NA	NA	NA	NA	NA
Standard Deviation	NA	NA	NA	NA	NA	NA	NA	NA
1st Quartile	19.50	110.00	27.00	71.00	23.00	5.00	0.00	200.00
Median	19.50	110.00	27.00	71.00	23.00	5.00	0.00	200.00
3rd Quartile	19.50	110.00	27.00	71.00	23.00	5.00	0.00	200.00
Total N	1	1	1	1	1	1	1	1
NA's	0	0	0	0	0	0	0	0

Fire Data Summary Statistics
Griff Fire Data Summary

Summary Statistics Tree Species ABLA

Categorical Variables

The tables contain the proportion of the trees of this species that fell into each category for each of the twelve categorical variables, and the Number of trees used in the calculations.

ABLA	DEEPLY	LIGHTLY	MODERATELY	UNBURNED	Grand Total
Bole Scorch 1	1.00	0.00	0.00	0.00	1
Bole Scorch 2	1.00	0.00	0.00	0.00	1
Bole Scorch 3	1.00	0.00	0.00	0.00	1
Bole Scorch 4	1.00	0.00	0.00	0.00	1
Ground char 1	0.00	0.00	1.00	0.00	1
Ground char 2	0.00	0.00	1.00	0.00	1
Ground char 3	0.00	0.00	1.00	0.00	1
Ground char 4	0.00	0.00	1.00	0.00	1

ABLA	DEAD	LIVE	Grand Total
Cambium Mortality 1	1.00	0.00	1
Cambium Mortality 2	1.00	0.00	1
Cambium Mortality 3	1.00	0.00	1
Cambium Mortality 4	1.00	0.00	1

Fire Data Summary Statistics
Griff Fire Data Summary

Summary Statistics Tree Species CHNO

Quantitative Variables

Table contains Range (Minimum and Maximum), Mean, Standard Error of the Mean, Lower and Upper 95% Confidence Limits of the Mean, Variance, and Standard Deviation, 1st Quartile, Median, and 3rd Quartile of the species data, the Total Number of Trees used for each variable in the calculations and the number of missing values for each variable.

Statistic	DBH	Tree Ht	Pre-fire live crown ht.	Post-fire base live crown ht.	Bole Scorch ht (ft)	Crown scorch volume (%)	DMR rating:	Basal Area
Minimum	7.30	48.00	18.00	18.00	0.50	0.00	0.00	60.00
Maximum	24.50	98.00	75.00	75.00	46.00	20.00	6.00	340.00
Mean	12.06	73.19	42.50	44.96	4.04	1.73	0.26	253.33
Standard Error	0.76	2.95	2.99	2.77	1.76	0.86	0.26	27.49
Lower	10.50	67.11	36.33	39.25	0.40	0.03	0.28	189.95
Upper	13.62	79.27	48.67	50.67	7.67	3.50	0.80	316.72
Variance	14.87	226.64	232.98	199.64	80.98	19.08	1.57	6800.00
Standard Deviation	3.86	15.05	15.26	14.13	9.00	4.37	1.25	82.46
1st Quartile	9.30	62.00	32.00	35.25	1.00	0.00	0.00	240.00
Median	11.35	71.00	40.00	42.00	1.00	0.00	0.00	280.00
3rd Quartile	13.98	84.00	52.50	52.50	3.75	1.00	0.00	300.00
Total N	26	26	26	26	26	26	26	26
NA's	0	0	0	0	0	0	3	17

Fire Data Summary Statistics
Griff Fire Data Summary

Summary Statistics Tree Species CHNO

Categorical Variables

The tables contain the proportion of the trees of this species that fell into each category for each of the twelve categorical variables, and the Number of trees used in the calculations.

CHNO	DEEPLY	LIGHTLY	MODERATELY	UNBURNED	Grand Total
Bole Scorch 1	0.08	0.69	0.15	0.08	26
Bole Scorch 2	0.23	0.42	0.31	0.04	26
Bole Scorch 3	0.38	0.23	0.38	0.00	26
Bole Scorch 4	0.23	0.31	0.46	0.00	26
Ground char 1	0.00	0.50	0.42	0.08	26
Ground char 2	0.04	0.35	0.58	0.04	26
Ground char 3	0.12	0.27	0.62	0.00	26
Ground char 4	0.12	0.35	0.54	0.00	26

CHNO	DEAD	LIVE	Grand Total
Cambium Mortality 1	0.54	0.46	26
Cambium Mortality 2	0.92	0.08	26
Cambium Mortality 3	0.92	0.08	26
Cambium Mortality 4	0.92	0.08	26

Fire Data Summary Statistics
Griff Fire Data Summary

Summary Statistics Tree Species PSME

Quantitative Variables

Table contains Range (Minimum and Maximum), Mean, Standard Error of the Mean, Lower and Upper 95% Confidence Limits of the Mean, Variance, and Standard Deviation, 1st Quartile, Median, and 3rd Quartile of the species data, the Total Number of Trees used for each variable in the calculations and the number of missing values for each variable.

Statistic	DBH	Tree Ht	Pre-fire live crown ht.	Post-fire base live crown ht.	Bole Scorch ht (ft)	Crown scorch volume (%)	DMR rating:	Basal Area
Minimum	10.60	50.00	9.00	25.00	0.50	0.00	0.00	100.00
Maximum	43.30	149.00	92.00	111.00	47.00	99.00	2.00	360.00
Mean	21.28	91.00	53.90	58.95	8.64	4.24	0.16	260.87
Standard Error	1.02	2.93	2.06	2.08	1.37	2.31	0.06	11.42
Lower	19.23	85.13	49.77	54.78	5.90	0.38	0.03	237.19
Upper	23.32	96.87	58.02	63.12	11.39	8.86	0.29	284.55
Variance	60.33	508.14	250.75	255.95	111.05	314.18	0.21	2999.21
Standard Deviation	7.77	22.54	15.84	16.00	10.54	17.73	0.46	54.77
1st Quartile	15.30	77.00	45.50	51.00	1.00	0.00	0.00	240.00
Median	20.85	85.00	54.00	57.00	4.00	0.00	0.00	260.00
3rd Quartile	25.08	105.00	65.00	66.50	12.50	0.00	0.00	290.00
Total N	59	59	59	59	59	59	59	59
NA's	1	0	0	0	0	0	8	36

Fire Data Summary Statistics
Griff Fire Data Summary

Summary Statistics Tree Species PSME

Categorical Variables

The tables contain the proportion of the trees of this species that fell into each category for each of the twelve categorical variables, and the Number of trees used in the calculations.

PSME	DEEPLY	LIGHTLY	MODERATELY	UNBURNED	Grand Total
Bole Scorch 1	0.08	0.36	0.24	0.32	59
Bole Scorch 2	0.15	0.15	0.58	0.12	59
Bole Scorch 3	0.22	0.10	0.61	0.07	59
Bole Scorch 4	0.19	0.22	0.53	0.07	59
Ground char 1	0.02	0.37	0.49	0.12	59
Ground char 2	0.03	0.15	0.75	0.07	59
Ground char 3	0.02	0.08	0.83	0.07	59
Ground char 4	0.03	0.14	0.78	0.05	59

PSME	DEAD	LIVE	Grand Total
Cambium Mortality 1	0.15	0.85	59
Cambium Mortality 2	0.36	0.64	59
Cambium Mortality 3	0.75	0.25	59
Cambium Mortality 4	0.46	0.54	59

Fire Data Summary Statistics
Griff Fire Data Summary

Summary Statistics Tree Species TSHE

Quantitative Variables

Table contains Range (Minimum and Maximum), Mean, Standard Error of the Mean, Lower and Upper 95% Confidence Limits of the Mean, Variance, and Standard Deviation, 1st Quartile, Median, and 3rd Quartile of the species data, the Total Number of Trees used for each variable in the calculations and the number of missing values for each variable.

Statistic	DBH	Tree Ht	Pre-fire live crown ht.	Post-fire base live crown ht.	Bole Scorch ht (ft)	Crown scorch volume (%)	DMR rating:	Basal Area
Minimum	2.00	25.00	7.00	10.00	0.00	0.00	0.00	120.00
Maximum	47.30	171.00	102.00	102.00	39.00	95.00	6.00	320.00
Mean	19.94	95.31	51.13	55.93	5.38	4.98	2.88	227.70
Standard Error	0.78	2.81	1.72	1.65	0.61	1.34	0.18	5.70
Lower	18.41	89.76	47.72	52.66	4.17	2.33	2.51	216.23
Upper	21.48	100.87	54.54	59.19	6.59	7.63	3.24	239.17
Variance	82.40	1081.60	406.94	373.20	51.57	246.30	4.59	1525.56
Standard Deviation	9.08	32.89	20.17	19.32	7.18	15.69	2.14	39.06
1st Quartile	13.60	67.00	36.00	44.00	1.00	0.00	1.00	200.00
Median	18.70	95.00	48.00	55.00	2.00	0.00	2.00	220.00
3rd Quartile	25.00	124.00	66.00	68.00	6.00	1.00	5.00	240.00
Total N	137	137	137	137	137	137	137	137
NA's	0	0	0	0	0	0	0	90

Fire Data Summary Statistics
Griff Fire Data Summary

Summary Statistics Tree Species TSHE

Categorical Variables

The tables contain the proportion of the trees of this species that fell into each category for each of the twelve categorical variables, and the Number of trees used in the calculations.

TSHE	DEEPLY	LIGHTLY	MODERATELY	UNBURNED	Grand Total
Bole Scorch 1	0.06	0.53	0.29	0.12	137
Bole Scorch 2	0.18	0.23	0.54	0.06	137
Bole Scorch 3	0.36	0.12	0.46	0.06	137
Bole Scorch 4	0.27	0.26	0.42	0.04	137
Ground char 1	0.07	0.32	0.59	0.02	137
Ground char 2	0.08	0.12	0.79	0.01	137
Ground char 3	0.11	0.10	0.77	0.01	137
Ground char 4	0.12	0.12	0.75	0.01	137

TSHE	DEAD	LIVE	Grand Total
Cambium Mortality 1	0.59	0.41	137
Cambium Mortality 2	0.86	0.14	137
Cambium Mortality 3	0.93	0.07	137
Cambium Mortality 4	0.85	0.15	137

Fire Data Summary Statistics
Grand Total Fire Data Summary

XI. GRAND TOTAL FIRE DATA SUMMARY

Summary Statistics B&B Fire

Quantitative Variables

Table contains Range (Minimum and Maximum), Mean, Standard Error of the Mean, Lower and Upper 95% Confidence Limits of the Mean, Variance, and Standard Deviation, 1st Quartile, Median, and 3rd Quartile of the fire data, the Total Number of Trees used for each variable in the calculations and the number of missing values for each variable.

Statistic	DBH	Tree Ht	Pre-fire live crown ht.	Post-fire base live crown ht.	Bole Scorch ht (ft)	Crown scorch volume (%)	DMR rating	Basal Area
Minimum	5.90	28.00	1.00	1.00	0.00	0.00	0.00	0.00
Maximum	53.20	174.00	107.00	131.00	99.00	100.00	6.00	520.00
Mean	19.64	90.22	34.15	46.61	15.01	24.61	0.23	140.07
Standard Error	0.19	0.59	0.46	0.51	0.35	0.73	0.02	3.48
Lower	19.27	89.06	33.24	45.61	14.32	23.18	0.19	133.23
Upper	20.00	91.37	35.05	47.62	15.69	26.05	0.28	146.91
Variance	54.73	544.85	329.82	411.35	189.06	833.67	0.81	7632.09
Standard Deviation	7.40	23.34	18.16	20.28	13.75	28.87	0.90	87.36
1st Quartile	14.40	74.00	20.00	32.00	5.00	0.00	0.00	80.00
Median	18.20	90.00	32.00	45.00	12.00	10.00	0.00	120.00
3rd Quartile	23.50	106.00	46.00	59.00	22.00	45.00	0.00	180.00
Total N	1569	1569	1569	1569	1569	1569	1569	1569
NA's	4	0	6	6	5	6	1	940

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Fire Data Summary Statistics
Grand Total Fire Data Summary
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Summary Statistics B&B Fire

Categorical Variables

The tables contain the proportion of the trees in this fire that fell into each category for each of the twelve categorical variables, and the Number of trees used in the calculations.

B & B	DEEPLY	LIGHTLY	MODERATELY	UNBURNED	Grand Total
Bole Scorch 1	0.20	0.31	0.41	0.07	1568
Bole Scorch 2	0.22	0.24	0.49	0.04	1568
Bole Scorch 3	0.30	0.19	0.48	0.03	1568
Bole Scorch 4	0.25	0.26	0.45	0.04	1568
Ground char 1	0.02	0.11	0.85	0.01	1566
Ground char 2	0.02	0.10	0.87	0.01	1566
Ground char 3	0.02	0.10	0.87	0.01	1566
Ground char 4	0.02	0.11	0.86	0.01	1566

B & B	DEAD	LIVE	Grand Total
Cambium Mortality 1	0.33	0.67	1567
Cambium Mortality 2	0.40	0.60	1566
Cambium Mortality 3	0.43	0.57	1566
Cambium Mortality 4	0.38	0.62	1566

Fire Data Summary Statistics
Grand Total Fire Data Summary

Summary Statistics Bonanza Fire

Quantitative Variables

Table contains Range (Minimum and Maximum), Mean, Standard Error of the Mean, Lower and Upper 95% Confidence Limits of the Mean, Variance, and Standard Deviation, 1st Quartile, Median, and 3rd Quartile of the fire data, the Total Number of Trees used for each variable in the calculations and the number of missing values for each variable.

Statistic	DBH	Tree Ht	Pre-fire live crown ht.	Post-fire base live crown ht.	Bole Scorch ht (ft)	Crown scorch volume (%)	DMR rating	Basal Area
Minimum	9.00	65.00	6.00	14.00	0.00	0.00	0.00	50.00
Maximum	43.40	164.00	86.00	109.00	40.00	100.00	3.00	130.00
Mean	16.63	95.21	36.10	49.25	15.62	24.52	0.03	85.48
Standard Error	0.40	1.23	1.16	1.49	0.80	2.76	0.03	3.11
Lower	15.84	92.77	33.79	46.30	14.03	19.05	0.03	79.20
Upper	17.42	97.65	38.40	52.20	17.21	30.00	0.09	91.75
Variance	16.69	159.09	142.14	232.27	67.66	800.73	0.09	405.87
Standard Deviation	4.08	12.61	11.92	15.24	8.23	28.30	0.29	20.15
1st Quartile	14.50	90.00	30.00	39.00	10.00	1.00	0.00	70.00
Median	16.40	94.00	35.00	46.00	15.00	10.00	0.00	90.00
3rd Quartile	17.90	102.00	42.00	59.00	21.00	45.00	0.00	97.50
Total N	105	105	105	105	105	105	105	105
NA's	0	0	0	0	0	0	0	63

Fire Data Summary Statistics
Grand Total Fire Data Summary

Summary Statistics Bonanza Fire

Categorical Variables

The tables contain the proportion of the trees in this fire that fell into each category for each of the twelve categorical variables, and the Number of trees used in the calculations.

Bonanza	DEEPLY	LIGHTLY	MODERATELY	UNBURNED	Grand Total
Bole Scorch 1	0.12	0.09	0.76	0.03	105
Bole Scorch 2	0.04	0.06	0.88	0.03	105
Bole Scorch 3	0.01	0.05	0.90	0.04	105
Bole Scorch 4	0.05	0.06	0.87	0.03	105
Ground char 1	0.00	0.38	0.60	0.02	104
Ground char 2	0.00	0.48	0.50	0.02	104
Ground char 3	0.00	0.45	0.51	0.04	104
Ground char 4	0.00	0.40	0.56	0.04	104

Bonanza	DEAD	LIVE	Grand Total
Cambium Mortality 1	0.09	0.91	105
Cambium Mortality 2	0.10	0.90	105
Cambium Mortality 3	0.15	0.85	105
Cambium Mortality 4	0.14	0.86	104

Fire Data Summary Statistics
Grand Total Fire Data Summary

Summary Statistics Bull Springs Fire

Quantitative Variables

Table contains Range (Minimum and Maximum), Mean, Standard Error of the Mean, Lower and Upper 95% Confidence Limits of the Mean, Variance, and Standard Deviation, 1st Quartile, Median, and 3rd Quartile of the fire data, the Total Number of Trees used for each variable in the calculations and the number of missing values for each variable.

Statistic	DBH	Tree Ht	Pre-fire live crown ht.	Post-fire base live crown ht.	Bole Scorch ht (ft)	Crown scorch volume (%)	DMR rating	Basal Area
Minimum	5.30	11.00	0.00	1.00	0.00	0.00	0.00	2.00
Maximum	40.50	154.00	90.00	107.00	120.00	100.00	6.00	340.00
Mean	15.26	75.85	28.55	35.74	13.20	32.56	0.45	103.38
Standard Error	0.34	1.11	0.75	0.90	0.80	1.60	0.06	2.75
Lower	14.59	73.66	27.06	33.98	11.62	29.42	0.34	97.98
Upper	15.93	78.03	30.03	37.51	14.77	35.70	0.56	108.79
Variance	58.10	617.73	282.85	399.82	321.43	1274.84	1.56	2832.88
Standard Deviation	7.62	24.85	16.82	20.00	17.93	35.70	1.25	53.22
1st Quartile	9.10	60.00	13.00	19.00	3.00	0.00	0.00	60.00
Median	13.00	75.00	30.00	35.00	7.00	15.00	0.00	100.00
3rd Quartile	20.10	91.00	41.00	47.00	15.00	60.00	0.00	130.00
Total N	500	500	500	500	500	500	500	500
NA's	0	1	3	7	0	1	1	125

Fire Data Summary Statistics
Grand Total Fire Data Summary

Summary Statistics Bull Springs Fire

Categorical Variables

The tables contain the proportion of the trees in this fire that fell into each category for each of the twelve categorical variables, and the Number of trees used in the calculations.

Bull Springs	DEEPLY	LIGHTLY	MODERATELY	UNBURNED	Grand Total
Bole Scorch 1	0.08	0.44	0.30	0.17	499
Bole Scorch 2	0.13	0.36	0.41	0.10	498
Bole Scorch 3	0.21	0.27	0.44	0.08	498
Bole Scorch 4	0.13	0.38	0.39	0.10	498
Ground char 1	0.01	0.24	0.68	0.07	499
Ground char 2	0.00	0.23	0.72	0.05	499
Ground char 3	0.01	0.16	0.78	0.05	499
Ground char 4	0.00	0.17	0.77	0.06	499

Bull Springs	DEAD	LIVE	Grand Total
Cambium Mortality 1	0.35	0.65	498
Cambium Mortality 2	0.50	0.50	498
Cambium Mortality 3	0.61	0.39	498
Cambium Mortality 4	0.52	0.48	498

Fire Data Summary Statistics
Grand Total Fire Data Summary

Summary Statistics Clark Fire

Quantitative Variables

Table contains Range (Minimum and Maximum), Mean, Standard Error of the Mean, Lower and Upper 95% Confidence Limits of the Mean, Variance, and Standard Deviation, 1st Quartile, Median, and 3rd Quartile of the fire data, the Total Number of Trees used for each variable in the calculations and the number of missing values for each variable.

Statistic	DBH	Tree Ht	Pre-fire live crown ht.	Post-fire base live crown ht.	Bole Scorch ht (ft)	Crown scorch volume (%)	DMR rating	Basal Area
Minimum	5.80	48.00	5.00	7.00	0.00	0.00	0.00	2.00
Maximum	83.00	284.00	156.00	190.00	120.00	99.00	0.00	20.00
Mean	26.65	134.79	64.14	81.16	20.49	28.77	0.00	10.07
Standard Error	0.44	1.32	0.91	1.01	0.64	1.07	0.00	0.11
Lower	25.79	132.20	62.35	79.19	19.25	26.66	0.00	9.86
Upper	27.51	137.38	65.93	83.13	21.74	30.87	0.00	10.29
Variance	190.16	1723.88	826.01	1003.11	401.67	1140.68	0.00	8.33
Standard Deviation	13.79	41.52	28.74	31.67	20.04	33.77	0.00	2.89
1st Quartile	15.90	101.00	43.00	58.00	5.00	0.00	0.00	8.00
Median	23.90	134.00	63.00	78.00	13.00	10.00	0.00	10.00
3rd Quartile	34.00	165.00	85.00	100.00	31.00	60.00	0.00	12.00
Total N	993	993	993	993	993	993	993	993
NA's	4	1	0	0	0	1	588	300

Fire Data Summary Statistics
Grand Total Fire Data Summary

Summary Statistics Clark Fire

Categorical Variables

The tables contain the proportion of the trees in this fire that fell into each category for each of the twelve categorical variables, and the Number of trees used in the calculations.

Clark	DEEPLY	LIGHTLY	MODERATELY	UNBURNED	Grand Total
Bole Scorch 1	0.24	0.36	0.39	0.01	993
Bole Scorch 2	0.25	0.22	0.51	0.01	993
Bole Scorch 3	0.31	0.17	0.51	0.01	991
Bole Scorch 4	0.25	0.21	0.53	0.01	992
Ground char 1	0.06	0.09	0.85	0.00	993
Ground char 2	0.03	0.08	0.88	0.00	993
Ground char 3	0.03	0.08	0.89	0.00	993
Ground char 4	0.04	0.07	0.89	0.00	992

Clark	DEAD	LIVE	Grand Total
Cambium Mortality 1	0.35	0.65	992
Cambium Mortality 2	0.38	0.62	992
Cambium Mortality 3	0.44	0.56	990
Cambium Mortality 4	0.40	0.60	990

Fire Data Summary Statistics
Grand Total Fire Data Summary

Summary Statistics Davis Fire

Quantitative Variables

Table contains Range (Minimum and Maximum), Mean, Standard Error of the Mean, Lower and Upper 95% Confidence Limits of the Mean, Variance, and Standard Deviation, 1st Quartile, Median, and 3rd Quartile of the fire data, the Total Number of Trees used for each variable in the calculations and the number of missing values for each variable.

Statistic	DBH	Tree Ht	Pre-fire live crown ht.	Post-fire base live crown ht.	Bole Scorch ht (ft)	Crown scorch volume (%)	DMR rating	Basal Area
Minimum	5.30	29.00	6.00	14.00	0.50	0.00	0.00	0.00
Maximum	51.20	165.00	100.00	149.00	110.00	100.00	5.00	220.00
Mean	24.83	102.65	34.53	62.83	27.00	46.68	0.23	102.12
Standard Error	0.34	1.01	0.59	0.93	0.62	1.16	0.03	2.33
Lower	24.15	100.67	33.37	61.00	25.79	44.40	0.17	97.53
Upper	25.50	104.64	35.68	64.66	28.21	48.97	0.30	106.71
Variance	80.16	700.72	236.31	593.76	260.91	929.68	0.73	1494.28
Standard Deviation	8.95	26.47	15.37	24.37	16.15	30.49	0.86	38.66
1st Quartile	17.80	82.00	23.00	43.00	15.00	20.00	0.00	80.00
Median	25.30	106.00	34.00	60.00	24.00	45.00	0.00	100.00
3rd Quartile	31.30	122.00	44.00	81.00	34.00	70.00	0.00	120.00
Total N	685	685	685	685	685	685	685	685
NA's	2	0	0	0	0	0	10	410

Fire Data Summary Statistics
Grand Total Fire Data Summary

Summary Statistics Davis Fire

Categorical Variables

The tables contain the proportion of the trees in this fire that fell into each category for each of the twelve categorical variables, and the Number of trees used in the calculations.

Davis	DEEPLY	LIGHTLY	MODERATELY	UNBURNED	Grand Total
Bole Scorch 1	0.30	0.17	0.51	0.02	684
Bole Scorch 2	0.35	0.11	0.54	0.00	684
Bole Scorch 3	0.46	0.06	0.48	0.00	684
Bole Scorch 4	0.35	0.10	0.55	0.01	684
Ground char 1	0.01	0.00	0.99	0.00	684
Ground char 2	0.02	0.00	0.98	0.00	684
Ground char 3	0.00	0.00	0.99	0.00	684
Ground char 4	0.01	0.01	0.98	0.00	684

Davis	DEAD	LIVE	Grand Total
Cambium Mortality 1	0.21	0.79	685
Cambium Mortality 2	0.30	0.70	685
Cambium Mortality 3	0.38	0.62	685
Cambium Mortality 4	0.28	0.72	685

Fire Data Summary Statistics
Grand Total Fire Data Summary

Summary Statistics Griff Fire

Quantitative Variables

Table contains Range (Minimum and Maximum), Mean, Standard Error of the Mean, Lower and Upper 95% Confidence Limits of the Mean, Variance, and Standard Deviation, 1st Quartile, Median, and 3rd Quartile of the fire data, the Total Number of Trees used for each variable in the calculations and the number of missing values for each variable.

Statistic	DBH	Tree Ht	Pre-fire live crown ht.	Post-fire base live crown ht.	Bole Scorch ht (ft)	Crown scorch volume (%)	DMR rating	Basal Area
Minimum	2.00	25.00	5.00	10.00	0.00	0.00	0.00	60.00
Maximum	47.30	171.00	102.00	111.00	60.00	99.00	6.00	360.00
Mean	20.13	95.00	45.10	51.48	7.82	6.29	1.30	220.98
Standard Error	0.51	1.66	1.06	1.02	0.55	0.92	0.11	5.42
Lower	19.13	91.73	43.01	49.47	6.73	4.48	1.07	210.26
Upper	21.12	98.27	47.19	53.48	8.91	8.10	1.52	231.71
Variance	85.17	920.67	377.22	346.73	101.84	282.52	4.07	3642.63
Standard Deviation	9.23	30.34	19.42	18.62	10.09	16.81	2.02	60.35
1st Quartile	13.40	71.00	31.00	39.00	1.00	0.00	0.00	180.00
Median	18.50	93.00	45.00	50.00	3.00	0.00	0.00	220.00
3rd Quartile	25.10	120.00	57.00	64.00	11.00	5.00	2.00	260.00
Total N	334	334	334	334	334	334	334	334
NA's	1	0	0	0	0	0	12	210

Fire Data Summary Statistics
Grand Total Fire Data Summary

Summary Statistics Griff Fire

Categorical Variables

The tables contain the proportion of the trees in this fire that fell into each category for each of the twelve categorical variables, and the Number of trees used in the calculations.

Griff	DEEPLY	LIGHTLY	MODERATELY	UNBURNED	Grand Total
Bole Scorch 1	0.08	0.46	0.24	0.22	334
Bole Scorch 2	0.18	0.27	0.47	0.08	334
Bole Scorch 3	0.33	0.15	0.46	0.06	334
Bole Scorch 4	0.25	0.30	0.40	0.06	334
Ground char 1	0.06	0.39	0.49	0.07	334
Ground char 2	0.07	0.21	0.69	0.02	334
Ground char 3	0.12	0.16	0.70	0.02	334
Ground char 4	0.10	0.20	0.67	0.02	334

Griff	DEAD	LIVE	Grand Total
Cambium Mortality 1	0.51	0.49	334
Cambium Mortality 2	0.77	0.23	334
Cambium Mortality 3	0.89	0.11	334
Cambium Mortality 4	0.77	0.23	334

Fire Data Summary Statistics
Grand Total Fire Data Summary

Summary Statistics Herman Creek Fire

Quantitative Variables

Table contains Range (Minimum and Maximum), Mean, Standard Error of the Mean, Lower and Upper 95% Confidence Limits of the Mean, Variance, and Standard Deviation, 1st Quartile, Median, and 3rd Quartile of the fire data, the Total Number of Trees used for each variable in the calculations and the number of missing values for each variable.

Statistic	DBH	Tree Ht	Pre-fire live crown ht.	Post-fire base live crown ht.	Bole Scorch ht (ft)	Crown scorch volume (%)	DMR rating	Basal Area
Minimum	7.50	21.00	4.00	10.00	1.00	0.00	0.00	60.00
Maximum	43.80	139.00	88.00	94.00	60.00	99.00	0.00	400.00
Mean	20.81	102.74	39.99	52.08	14.17	20.42	0.00	217.81
Standard Error	0.37	0.98	0.93	0.80	0.49	1.52	0.00	5.38
Lower	20.09	100.81	38.16	50.50	13.22	17.43	0.00	207.17
Upper	21.54	104.67	41.81	53.66	15.13	23.42	0.00	228.45
Variance	50.18	358.34	320.87	238.60	87.85	862.08	0.00	4320.23
Standard Deviation	7.08	18.93	17.91	15.45	9.37	29.36	0.00	65.73
1st Quartile	15.38	92.00	25.00	43.00	7.00	0.00	0.00	180.00
Median	20.20	105.00	39.50	51.00	13.00	0.00	0.00	220.00
3rd Quartile	25.53	115.00	53.00	62.00	18.00	40.00	0.00	260.00
Total N	372	372	372	372	372	372	372	372
NA's	0	0	0	1	0	0	0	223

Fire Data Summary Statistics
Grand Total Fire Data Summary

Summary Statistics Herman Creek Fire

Categorical Variables

The tables contain the proportion of the trees in this fire that fell into each category for each of the twelve categorical variables, and the Number of trees used in the calculations.

Herman Creek	DEEPLY	LIGHTLY	MODERATELY	UNBURNED	Grand Total
Bole Scorch 1	0.12	0.12	0.75	0.02	372
Bole Scorch 2	0.14	0.07	0.79	0.00	372
Bole Scorch 3	0.20	0.03	0.77	0.00	372
Bole Scorch 4	0.18	0.07	0.75	0.00	372
Ground char 1	0.01	0.06	0.93	0.00	372
Ground char 2	0.00	0.06	0.94	0.00	372
Ground char 3	0.01	0.05	0.94	0.00	372
Ground char 4	0.01	0.06	0.93	0.00	372

Herman Creek	DEAD	LIVE	Grand Total
Cambium Mortality 1	0.19	0.81	372
Cambium Mortality 2	0.24	0.76	372
Cambium Mortality 3	0.29	0.71	372
Cambium Mortality 4	0.24	0.76	372

Fire Data Summary Statistics
Grand Total Fire Data Summary

Summary Statistics Grand Total Fire Data

Quantitative Variables

Table contains Range (Minimum and Maximum), Mean, Standard Error of the Mean, Lower and Upper 95% Confidence Limits of the Mean, Variance, and Standard Deviation, 1st Quartile, Median, and 3rd Quartile of the fire data, the Total Number of Trees used for each variable in the calculations and the number of missing values for each variable.

Statistic	DBH	Tree Ht	Pre-fire live crown ht.	Post-fire base live crown ht.	Bole Scorch ht (ft)	Crown scorch volume (%)	DMR rating	Basal Area
Minimum	2.00	11.00	0.00	1.00	0.00	0.00	0.00	0.00
Maximum	83.00	284.00	156.00	190.00	120.00	100.00	6.00	520.00
Mean	21.52	101.71	41.46	56.29	17.23	28.02	0.30	98.55
Standard Error	0.15	0.51	0.36	0.41	0.24	0.47	0.02	1.85
Lower	21.23	100.70	40.77	55.49	16.75	27.09	0.26	94.92
Upper	21.82	102.71	42.16	57.10	17.71	28.95	0.33	102.18
Variance	102.90	1197.08	574.85	767.30	270.54	1021.91	1.08	7821.06
Standard Deviation	10.14	34.60	23.98	27.70	16.45	31.97	1.04	88.44
1st Quartile	14.30	78.00	24.00	37.00	5.00	0.00	0.00	12.00
Median	19.40	97.00	38.00	52.00	13.00	10.00	0.00	80.00
3rd Quartile	27.25	120.00	54.00	71.00	25.00	50.00	0.00	140.00
Total N	4558	4558	4558	4558	4558	4558	4558	4557
NA's	11	2	9	14	5	8	612	2270

Fire Data Summary Statistics
Grand Total Fire Data Summary

Summary Statistics Grand Total Fire Data

Categorical Variables

The tables contain the proportion of the trees in this fire that fell into each category for each of the twelve categorical variables, and the Number of trees used in the calculations.

Grand Total	DEEPLY	LIGHTLY	MODERATELY	UNBURNED	Grand Total
Bole Scorch 1	0.19	0.31	0.43	0.07	4555
Bole Scorch 2	0.23	0.21	0.52	0.04	4554
Bole Scorch 3	0.30	0.15	0.51	0.03	4552
Bole Scorch 4	0.24	0.22	0.50	0.03	4553
Ground char 1	0.03	0.12	0.83	0.02	4552
Ground char 2	0.02	0.11	0.86	0.01	4552
Ground char 3	0.03	0.09	0.87	0.01	4552
Ground char 4	0.03	0.10	0.86	0.01	4551

Grand Total	DEAD	LIVE	Grand Total
Cambium Mortality 1	0.31	0.68	4553
Cambium Mortality 2	0.40	0.60	4552
Cambium Mortality 3	0.46	0.54	4550
Cambium Mortality 4	0.40	0.60	4549

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Fire Data Summary Statistics
Literature Cited
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XII. LITERATURE CITED

Microsoft, Inc 2001. Excel 2002. Microsoft, Inc. Seattle, WA.

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