

Supplementary material for

**Do you CBI what I see? The relationship between the Composite Burn Index and quantitative field measures of burn severity varies across gradients of forest structure**

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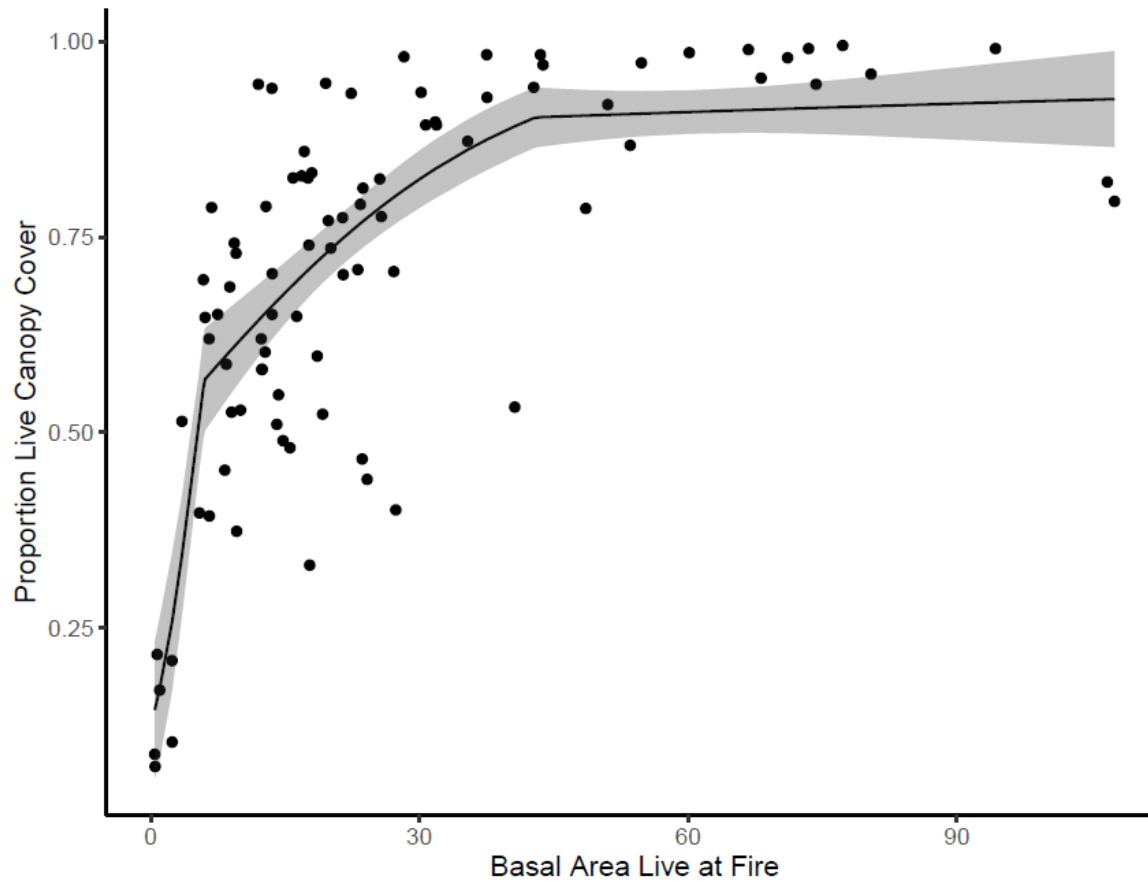


Figure S1. Piecewise linear beta regression model used to predict pre-fire canopy cover from live basal area. The gray polygon represents 95% confidence intervals around the predicted values. Black dots represent unburned plot data used to build the model.

Table S1. Location, elevation range, dominant tree species, and fire characteristics of the 14 sampled fires/ Dominant tree species reflect rank order of species containing the highest percent basal area across each fire, with the minimum threshold set at 20%  
 Abbreviations: NP = National Park, NF= National Forest. PICO = *Pinus contorta*, PSME= *Pseudotsuga menziesii*, ABGR= *Abies grandis*, ABLA= *Abies lasiocarpa*, ABAM= *Abies amabilis*, TSHE= *Tsuga heterophylla*.

<i>Fire Name</i>	<i>Location</i>	<i>Latitude</i>	<i>Longitude</i>	<i>Elevation Range</i>	<i>Dominant Tree Species</i>	<i>Fire Size (hectares)</i>	<i>Year of Burn</i>
Berry	Grand Teton NP, WY	43.998	-110.744	2062-2187	PICO	8,434	2016
Maple	Yellowstone NP, WY	44.731	-111.002	2024-2227	PICO	18,435	2016
Pioneer	Boise NF, ID	43.951	-115.762	1310-1807	PIPO, PSME	76,281	2016
Rail	Malheur NF, OR	44.408	-118.383	1343-1860	PIPO, PSME	16,879	2016
Rock Creek	Okanogan-Wenatchee NF, WA	46.911	-120.950	1095-1416	PIPO, PSME, ABGR	560	2016
Jolly Mountain	Okanogan-Wenatchee NF, WA	47.336	-120.986	842-1512	PSME, ABLA	15,290	2017
Jones	Willamette NF, OR	44.001	-122.518	408-978	PSME	4,136	2017
Liberty	Flathead NF, MT	47.092	-113.730	1702-1828	PSME, PICO	12,972	2017
Lolo Peak	Lolo NF, MT	46.679	-114.228	1202-1929	PICO	25,218	2017
Meyers	Beaverhead-Deerlodge NF, MT	45.991	-113.582	1863-2095	PICO	26,759	2017
Milli	Deschutes NF, OR	44.257	-121.712	1087-1599	PIPO	9,837	2017
Norse Peak	Baker-Snoqualmie NF, WA	46.999	-121.410	1208-1755	ABAM, TSHE	21,510	2017
Rebel	Willamette NF, OR	44.004	-122.148	654-822	PSME	3,559	2017
Rice Ridge	Flathead NF, MT	47.249	-113.267	1296-1813	PSME, PICO	70,424	2017

Table S2. Outputs showing estimate, standard error, and p-values for mu parameter of piecewise linear beta regression model used to predicted proportion live canopy pre-fire from basal area live at the time of fire (LAF BA). Breakpoints for the piecewise linear function that was fit are 0,6,43,120 (basal area, units of m<sup>2</sup>/ha)

	Estimate	St Error	P-value
Intercept	2.533	0.542	<.001
LAF BA: (breakpoint0-6)	-4.306	0.654	<.001
LAF BA: (breakpoint6-43)	-2.263	0.523	<.001
LAF BA: (breakpoint43-120)	-0.3016	0.653	0.645

Table S3. Individual AUC values for the piecewise linear beta regression model predicting proportion live canopy cover from basal area. Note than AUC for the classification threshold of .05 could not be calculated as all input data had a live canopy cover proportion above .05

Model	Classification Thresholds				
	0.05	0.275	0.5	0.725	0.95
Proportion Live Canopy Cover	NA	1	0.8046	0.8691	0.9387

Table S4. Pre-fire stand composition of the 315 sampled plots. Descriptive statistics show range, mean and median of species' percentage of plot basal area.

<b>Species Name</b>	<b>Range (Min-Max)</b>	<b>Mean</b>	<b>Median</b>
Pacific Silver Fir ( <i>Abies amabilis</i> )	0-99	3	0
White Fir ( <i>Abies concolor</i> )	0-74	<1	0
Grand Fir ( <i>Abies grandis</i> )	0-100	4	0
Subalpine Fir ( <i>Abies lasiocarpa</i> )	0-100	9	0
Noble fir ( <i>Abies procera</i> )	0-45	<1	0
Fir (only identified to genus) <i>Abies spp.</i>	0-20	<1	0
Vine maple ( <i>Acer circinatum</i> )	0-<1	<1	0
Big leaf maple ( <i>Acer macrophylla</i> )	0-30	<1	0
Maple (only known to genus)	0-<1	<1	0
Red alder ( <i>Alnus rubra</i> )	0-2	<1	0
Alder (only known to genus) <i>Alnus spp.</i>	0-<1	<1	0
Western juniper ( <i>Juniperis occidentalis</i> )	0-16	<1	0
Western larch ( <i>Larix occidentalis</i> )	0-67	3	0
Lodgepole pine ( <i>Pinus contorta</i> )	0-100	27	0
Engelmann spruce ( <i>Picea engelmannii</i> )	0-87	<1	0
Western white pine ( <i>Pinus monticola</i> )	0-3	<1	0
Ponderosa pine ( <i>Pinus ponderosa</i> )	0-100	20	0
Sitka Spruce ( <i>Picea sitchensis</i> )	0-4	<1	0
Quaking Aspen ( <i>Populus tremuloides</i> )	0-<1	<1	0
Douglas-fir ( <i>Pseudotsuga menziesii</i> )	0-100	23	0
Willow (only known to genus) <i>Salix spp.</i>	0-6	<1	0
Pacific Yew ( <i>Taxus brevifolia</i> )	0-<1	<1	0
Western Redcedar ( <i>Thuja plicata</i> )	0-30	<1	0
Western Hemlock ( <i>Tsuga heterophylla</i> )	0-92	5	0
Mountain Hemlock ( <i>Tsuga mertensiana</i> )	0-80	2	0

Table S5. ZOIB model outputs showing estimate, standard error, and p-value for mu, nu and tau parameters for eight models with each individual field metric as a function of CBI

	MU			NU			TAU		
	Estimate	St Error	P-value	Estimate	St Error	P-value	Estimate	St Error	P-value
Canopy Cover									
Intercept	-2.288	0.381	<.001	3.804	0.609	<.001	-8.170	1.194	<.001
CBI	1.740	0.247	<.001	-4.693	0.647	<.001	4.268	0.593	<.001
Dead Needle									
Intercept	-3.218	0.170	<.001	3.844	0.657	<.001	-17.474	1510.965	0.991
CBI	1.744	0.078	<.001	-4.684	0.642	<.001	-0.061	664.789	1.000
Killed Basal Area									
Intercept	-2.948	0.438	<.001	3.671	0.643	<.001	-13.213	1.949	<.001
CBI	1.345	0.262	<.001	-5.456	0.781	<.001	6.278	0.896	<.001
Killed Trees									
Intercept	-2.283	0.321	<.001	3.671	0.643	<.001	-13.213	1.949	<.001
CBI	1.679	0.205	<.001	-5.456	0.781	<.001	6.278	0.896	<.001
Bole Scorch									
Intercept	0.250	0.270	0.356	12.790	63.450	0.840	-8.445	1.103	<.001
CBI	0.920	0.173	<.001	-77.410	738.190	0.917	3.929	0.485	<.001
Char Height									
Intercept	-3.136	0.238	<.001	12.740	62.060	0.837	-10.462	2.007	<.001
CBI	1.909	0.107	<.001	-77.260	735.900	0.916	3.495	0.712	<.001
Deep Char									
Intercept	-2.953	0.399	<.001	3.420	0.422	<.001	-19.141	5385.829	0.997
CBI	0.359	0.156	0.022	-1.451	0.184	<.001	-0.114	2208.842	1.000
Surface Char									
Intercept	-3.164	0.265	<.001	12.720	61.310	0.836	-113.02	111.230	0.310
CBI	1.283	0.112	<.001	-76.930	710.840	0.914	37.020	37.230	0.321

Table S6. Individual AUC values for each CBI-based ZOIB model across five burn severity classification thresholds.

Model	Classification Thresholds				
	0.05	0.275	0.5	0.725	0.95
Canopy Cover Change	0.9745	0.9719	0.982	0.9846	0.9751
Dead Needle Index	0.9928	0.9808	0.9879	0.9874	0.9242
Killed Basal Area	0.9819	0.9792	0.9872	0.9905	0.9881
Killed Trees	0.9957	0.9896	0.9804	0.9848	0.9914
Bole Scorch	1.0000	1.0000	0.9996	0.9805	0.9603
Char Height	0.9928	0.979	0.9979	0.972	0.9176
Deep Char	0.8223	0.8215	0.7906	1.0000	NA
Surface Char	0.9806	0.93	0.9472	0.9473	0.9498

Table S7. ZOIB model outputs showing estimate, standard error, and p-value for mu, nu and tau parameters for 35 models with each of individual field metric as a function of CBI and each of 5 forest structure variables as the secondary covariate. LCC = live canopy cover; QMD = quadratic mean diameter.

	MU			NU			TAU		
	Estimate	St Error	P-value	Estimate	St Error	P-value	Estimate	St Error	P-value
Intercept	-0.90	1.16	0.44	13.02	335.91	0.97	7.31	12.82	0.57
CBI	1.00	0.53	0.06	54.58	3493.78	0.99	-1.91	4.573	0.67
Prefire LCC	-4.75	1.70	<0.01	-0.54	480.66	0.99	-28.84	21.22	0.18
CBI: Prefire LCC	1.36	0.78	0.08	-164.56	5070.21	0.97	8.87	7.56	0.24
Intercept	-3.08	0.48	<0.01	12.98	172.90	0.94	-5.99	4.18	0.15
CBI	1.60	0.22	<0.01	-25.94	55420.00	1.00	2.17	1.55	0.16
Mean Tree Height	-0.06	0.02	0.02	-0.02	11.56	0.99	-0.33	0.29	0.26
CBI: Mean Tree Height	0.018	0.18	0.13	-2.44	2650.00	0.99	0.10	0.10	0.34
Intercept	12.98	0.35	<0.01	12.66	95.65	0.90	7.17	3.18	0.03
CBI	-25.94	0.17	<0.01	-28.54	2845.00	0.99	2.48	1.17	0.03
Basal Area	-0.02	0.11	0.04	<-0.01	2.56	1.00	0.18	0.16	0.24
CBI: Basal Area	-2.44	<0.01	0.3	-1.21	73.76	0.99	0.06	0.056	0.29
Intercept	-3.96	0.46	<0.01	12.80	134.80	0.92	-6.03	4.12	0.14
CBI	1.95	0.21	<0.01	-22.31	1397.00	0.99	2.10	1.52	0.17
QMD	-0.01	0.02	0.71	-0.01	5.13	1.00	-0.27	0.24	0.27
CBI: QMD	0.00	0.01	0.79	-1.66	54.42	0.98	0.09	0.09	0.33
Intercept	-3.49	0.42	<0.01	12.56	65.58	0.85	-16.04	4.30	<0.01
CBI	1.64	0.19	<0.01	-80.76	825.11	0.92	5.34	1.57	<0.01
Stem Density	<0.01	<0.01	0.08	<0.01	0.01	0.99	0.01	<0.01	0.17
CBI: Stem Density	<0.01	<0.01	0.09	<0.01	0.27	0.98	<0.01	<0.01	0.25

CharHeight ~ CBI \*secondary Covariate



	MU			NU			TAU		
	Estimate	St Error	P-value	Estimate	St Error	P-value	Estimate	St Error	P-value
Intercept	-1.08	1.47	0.46	13.03	347.21	0.97	-12.12	6.29	0.06
CBI	1.57	0.94	0.09	54.27	3814.42	0.99	5.00	2.79	0.07
Prefire LCC	1.93	2.11	0.36	-0.46	497.94	1.00	4.85	8.62	0.57
CBI: Prefire LCC	-0.95	1.35	0.48	-164.46	5450.76	0.98	-1.36	3.89	0.73
Intercept	0.14	0.57	0.80	12.98	175.77	0.94	-11.82	2.56	<0.01
CBI	0.80	0.37	0.03	-27.42	60130.46	1.00	5.20	1.13	<0.01
Mean Tree Height	0.01	0.03	0.86	-0.02	11.78	1.00	0.15	0.10	0.13
CBI: Mean Tree Height	0.01	0.02	0.72	-2.38	2875.22	1.00	-0.06	0.05	0.23
Intercept	-0.27	0.44	0.53	12.72	98.75	0.90	-9.09	1.81	<0.01
CBI	1.25	0.28	<0.01	-30.78	6113.65	1.00	4.15	0.80	<0.01
Basal Area	0.02	0.01	0.14	0.00	2.65	1.00	0.02	0.05	0.70
CBI: Basal Area	-0.01	0.01	0.13	-1.16	152.03	0.99	-0.01	0.02	0.80
Intercept	-0.77	0.56	0.17	12.84	138.71	0.93	-9.19	2.19	<0.01
CBI	1.40	0.33	<0.01	-22.65	1546.57	0.99	4.22	0.96	<0.01
QMD	0.04	0.02	0.05	-0.01	5.31	1.00	0.03	0.08	0.71
CBI: QMD	-0.02	0.01	0.12	-1.65	57.87	0.98	-0.01	0.03	0.75
Intercept	0.87	0.44	0.05	12.63	20.70	0.54	-8.15	1.95	<0.01
CBI	0.70	0.28	0.01	-80.90	753.74	0.91	3.73	0.84	<0.01
Stem Density	<0.01	<0.01	0.05	0.00	0.03	1.00	0.00	0.00	0.89
CBI: Stem Density	<0.01	<0.01	0.23	0.01	0.25	0.97	0.00	0.00	0.83

Bole Char~CBI \*secondary Covariate

	MU			NU			TAU		
	Estimate	St Error	P-value	Estimate	St Error	P-value	Estimate	St Error	P-value
Intercept	-2.24	1.32	0.09	13.03	330.45	0.97	-772.15	3527.74	0.83
CBI	1.13	0.57	0.05	55.52	3005.05	0.99	249.82	1179.25	0.83
Prefire LCC	-1.35	1.91	0.48	-0.59	472.22	1.00	698.36	4077.51	0.86
CBI: Prefire LCC	0.22	0.82	0.79	-165.23	4549.72	0.97	-224.22	1363.16	0.87
Intercept	-3.10	0.53	0.00	12.97	166.41	0.94	5.39	157.50	0.97
CBI	1.32	0.24	0.00	-16.98	3827.85	1.00	-3.50	52.93	0.95
Mean Tree Height	<-0.01	0.03	0.90	-0.03	11.00	1.00	-9.88	17.96	0.58
CBI: Mean Tree Height	<-0.01	0.01	0.84	-2.84	190.48	0.99	3.35	6.02	0.58
Intercept	-3.06	0.40	0.00	12.62	93.86	0.89	1160.69	710.77	0.10
CBI	1.28	0.17	0.00	-26.95	1609.11	0.99	379.73	233.98	0.11
Basal Area	<-0.01	0.01	0.73	<-0.01	2.50	1.00	7.44	4.41	0.09
CBI: Basal Area	<-0.01	0.01	1.00	-1.24	45.66	0.98	-2.35	1.44	0.10
Intercept	-3.78	0.52	0.00	12.78	132.57	0.92	8.50	119.55	0.94
CBI	1.68	0.22	0.00	-21.56	1081.91	0.98	-5.82	40.41	0.89
QMD	0.03	0.02	0.14	-0.01	5.03	1.00	-5.52	6.48	0.39
CBI: QMD	-0.02	0.01	0.03	-1.67	46.82	0.97	1.93	2.19	0.38
Intercept	-2.81	0.39	0.00	12.51	22.97	0.59	-112.99	239.09	0.64
CBI	1.10	0.17	0.00	-80.52	682.37	0.91	37.21	79.91	0.64
Stem Density	<-0.01	<0.01	0.26	<-0.01	0.03	1.00	<-0.01	0.43	0.99
CBI: Stem Density	<-0.01	<0.01	0.19	0.01	0.08	0.92	<-0.01	0.14	0.99

SurfaceChar~CBI \*secondary Covariate

	MU			NU			TAU		
	Estimate	St Error	P-value	Estimate	St Error	P-value	Estimate	St Error	P-value
Intercept	-0.86	0.84	0.31	6.20	4.29	0.15	-17.85	5226.49	1.00
CBI	1.27	0.38	<0.01	-12.53	4.03	<0.01	0.08	2301.61	1.00
Prefire LCC	-3.58	1.24	<0.01	-2.66	5.61	0.64	0.49	7580.37	1.00
CBI: Prefire LCC	0.76	0.56	0.18	9.97	4.85	0.04	-0.18	3349.21	1.00
Intercept	-2.01	0.35	<0.01	4.72	1.79	<0.01	-17.64	3425.69	1.00
CBI	1.44	0.16	<0.01	-8.56	1.78	<0.01	<0.01	1541.87	1.00
Mean Tree Height	-0.08	0.02	<0.01	-0.02	0.09	0.86	0.01	187.02	1.00
CBI: Mean Tree Height	0.02	0.01	0.02	0.14	0.07	0.04	<-0.01	84.64	1.00
Intercept	-2.93	0.25	<0.01	3.84	1.10	<0.01	-17.54	2573.00	0.99
CBI	1.72	0.12	<0.01	-5.68	1.03	<0.01	-0.04	1152.62	1.00
Basal Area	-0.01	0.01	0.12	0.01	0.03	0.75	<0.01	77.66	1.00
CBI: Basal Area	<0.01	<0.01	0.57	0.02	0.02	0.32	<0.01	35.19	1.00
Intercept	-2.71	0.34	0.00	4.21	1.44	<0.01	-17.58	3363.38	1.00
CBI	1.60	0.15	0.00	-6.34	1.30	<0.01	-0.02	1475.58	1.00
QMD	-0.02	0.01	0.11	-0.01	0.05	0.91	<0.01	133.80	1.00
CBI: QMD	0.01	0.01	0.32	0.05	0.03	0.12	<0.01	60.57	1.00
Intercept	-2.97	0.27	<0.01	3.33	1.18	0.01	-17.47	1672.34	0.99
CBI	1.63	0.12	<0.01	-4.13	1.18	<0.01	-0.06	715.02	1.00
Stem Density	<-0.01	<0.01	0.29	<-0.01	<0.01	0.71	<-0.01	2.78	1.00
CBI: Stem Density	<-0.01	<0.01	0.24	<-0.02	<0.01	0.68	<-0.01	1.14	1.00

Dead Needle ~ CBI \*secondary Covariate

	MU			NU			TAU		
	Estimate	St Error	P-value	Estimate	St Error	P-value	Estimate	St Error	P-value
Intercept	-2.10	2.29	0.36	10.41	5.11	0.04	23.37	12.60	0.06
CBI	1.72	1.42	0.23	-19.46	5.94	<0.01	-7.80	5.73	0.17
Prefire LCC	-1.57	3.22	0.63	-8.60	6.04	0.16	-58.21	21.75	0.01
CBI: Prefire LCC	-0.27	1.93	0.89	17.75	6.65	0.01	22.68	9.80	0.02
Intercept	-2.28	0.87	0.01	6.97	1.99	<0.01	-2.23	3.59	0.53
CBI	1.11	0.56	0.05	-10.34	2.15	<0.01	1.91	1.67	0.25
Mean Tree Height	-0.04	0.04	0.35	-0.18	0.08	0.03	-0.80	0.31	0.01
CBI: Mean Tree Height	0.01	0.03	0.58	0.23	0.07	<0.01	0.33	0.14	0.02
Intercept	-3.10	0.68	<0.01	4.23	1.16	<0.01	-5.59	2.69	0.04
CBI	1.65	0.42	<0.01	-7.27	1.32	<0.01	3.34	1.26	0.01
Basal Area	-0.01	0.02	0.77	-0.01	0.02	0.59	-0.42	0.17	0.02
CBI: Basal Area	<-0.01	0.01	0.77	0.04	0.02	0.02	0.17	0.08	0.03
Intercept	-1.89	0.88	0.03	5.23	1.81	<0.01	-3.76	3.46	0.28
CBI	1.15	0.53	0.03	-9.72	2.07	<0.01	2.51	1.57	0.11
QMD	-0.06	0.04	0.09	-0.04	0.05	0.38	-0.51	0.22	0.02
CBI: QMD	0.02	0.02	0.35	0.12	0.04	0.01	0.21	0.10	0.03
Intercept	-3.05	0.70	<0.01	3.13	1.51	0.04	-10.17	3.26	<0.01
CBI	1.22	0.44	0.01	-1.48	1.28	0.25	4.83	1.49	<0.01
Stem Density	<0.01	<0.01	0.84	<0.01	<0.01	0.55	-0.01	0.01	0.34
CBI: Stem Density	<0.01	<0.01	0.72	-0.02	0.01	0.01	<0.01	0.00	0.32

Killed Basal Area ~ CBI \*secondary Covariate

	MU			NU			TAU		
	Estimate	St Error	P-value	Estimate	St Error	P-value	Estimate	St Error	P-value
Intercept	-5.11	1.78	<0.01	10.41	5.11	0.04	23.37	12.60	0.06
CBI	3.68	1.16	<0.01	-19.46	5.94	<0.01	-7.80	5.73	0.17
Prefire LCC	3.94	2.47	0.11	-8.60	6.04	0.16	-58.21	21.75	0.01
CBI: Prefire LCC	-2.76	1.57	0.08	17.75	6.65	0.01	22.68	9.80	0.02
Intercept	-3.82	0.68	<0.01	6.97	1.99	<0.01	-2.23	3.59	0.53
CBI	2.90	0.46	<0.01	-10.34	2.15	<0.01	1.91	1.67	0.25
Mean Tree Height	0.07	0.03	0.01	-0.18	0.08	0.03	-0.80	0.31	0.01
CBI: Mean Tree Height	-0.06	0.02	<0.01	0.23	0.07	<0.01	0.33	0.14	0.02
Intercept	-2.85	0.51	<0.01	4.23	1.16	<0.01	-5.59	2.69	0.04
CBI	2.06	0.33	<0.01	-7.27	1.32	<0.01	3.34	1.26	0.01
Basal Area	0.02	0.01	0.18	-0.01	0.02	0.59	-0.42	0.17	0.02
CBI: Basal Area	-0.01	0.01	0.15	0.04	0.02	0.02	0.17	0.08	0.03
Intercept	-2.53	0.65	<0.01	5.23	1.81	<0.01	-3.76	3.46	0.28
CBI	2.21	0.40	<0.01	-9.72	2.07	<0.01	2.51	1.57	0.11
QMD	<-0.01	0.03	0.99	-0.04	0.05	0.38	-0.51	0.22	0.02
CBI: QMD	-0.01	0.01	0.33	0.12	0.04	0.01	0.21	0.10	0.03
Intercept	-2.09	0.49	<0.01	3.13	1.51	0.04	-10.17	3.26	<0.01
CBI	1.19	0.33	<0.01	-1.48	1.28	0.25	4.83	1.49	<0.01
Stem Density	<-0.01	<0.01	0.63	<0.01	<0.01	0.56	-0.01	0.01	0.34
CBI: Stem Density	<0.01	<0.01	0.07	-0.02	0.01	0.01	<0.01	<0.01	0.32

Killed Stems ~ CBI \*secondary Covariate

	MU			NU			TAU		
	Estimate	St Error	P-value	Estimate	St Error	P-value	Estimate	St Error	P-value
Intercept	-0.56	1.69	0.74	4.95	2.54	0.05	1.94	2.41	0.42
CBI	1.37	1.08	0.21	-11.02	3.34	<.01	-0.20	1.18	0.87
Prefire LCC	-2.55	2.40	0.29	-0.87	3.28	0.79	-15.83	4.28	<.01
CBI: Prefire LCC	0.63	1.53	0.68	7.55	3.99	0.06	7.07	2.08	<.01
Intercept	-2.20	0.86	0.01	2.85	1.38	0.04	-3.27	2.42	0.18
CBI	2.27	0.61	<.01	-5.68	1.44	<.01	2.06	1.20	0.09
Mean Tree Height	-0.01	0.05	0.79	0.08	0.09	0.37	-0.32	0.16	0.06
CBI: Mean Tree Height				0.01	0.08	0.85	0.14	0.08	0.08
Intercept	-2.44	0.57	<.01	2.94	0.99	<.01	-3.59	1.73	0.04
CBI	2.18	0.39	<.01	-4.67	1.03	<.01	2.15	0.86	0.01
Basal Area	0.00	0.02	0.93	0.05	0.04	0.26	-0.22	0.09	0.01
CBI: Basal Area	-0.01	0.01	0.31	-0.02	0.03	0.60	0.11	0.04	0.02
Intercept	-2.11	0.74	<.01	2.58	1.21	0.03	-6.09	2.42	0.01
CBI	2.01	0.48	<.01	-4.75	1.23	<.01	3.61	1.21	<.01
QMD	-0.01	0.03	0.64	0.07	0.06	0.23	-0.09	0.11	0.42
CBI: QMD	-0.01	0.02	0.73	-0.02	0.05	0.69	0.03	0.05	0.63
Intercept	-1.91	0.58	<.01	3.41	1.14	<.01	-5.52	2.03	<.01
CBI	1.40	0.37	<.01	-4.14	1.20	<.01	2.76	1.02	<.01
Stem Density	0.00	0.00	0.36	0.00	0.00	0.78	-0.01	0.00	0.19
CBI: Stem Density	0.00	0.00	0.23	0.00	0.00	0.67	0.00	0.00	0.15

Live Canopy Loss ~ CBI \*secondary Covariate