

Supplemental Figures and Tables

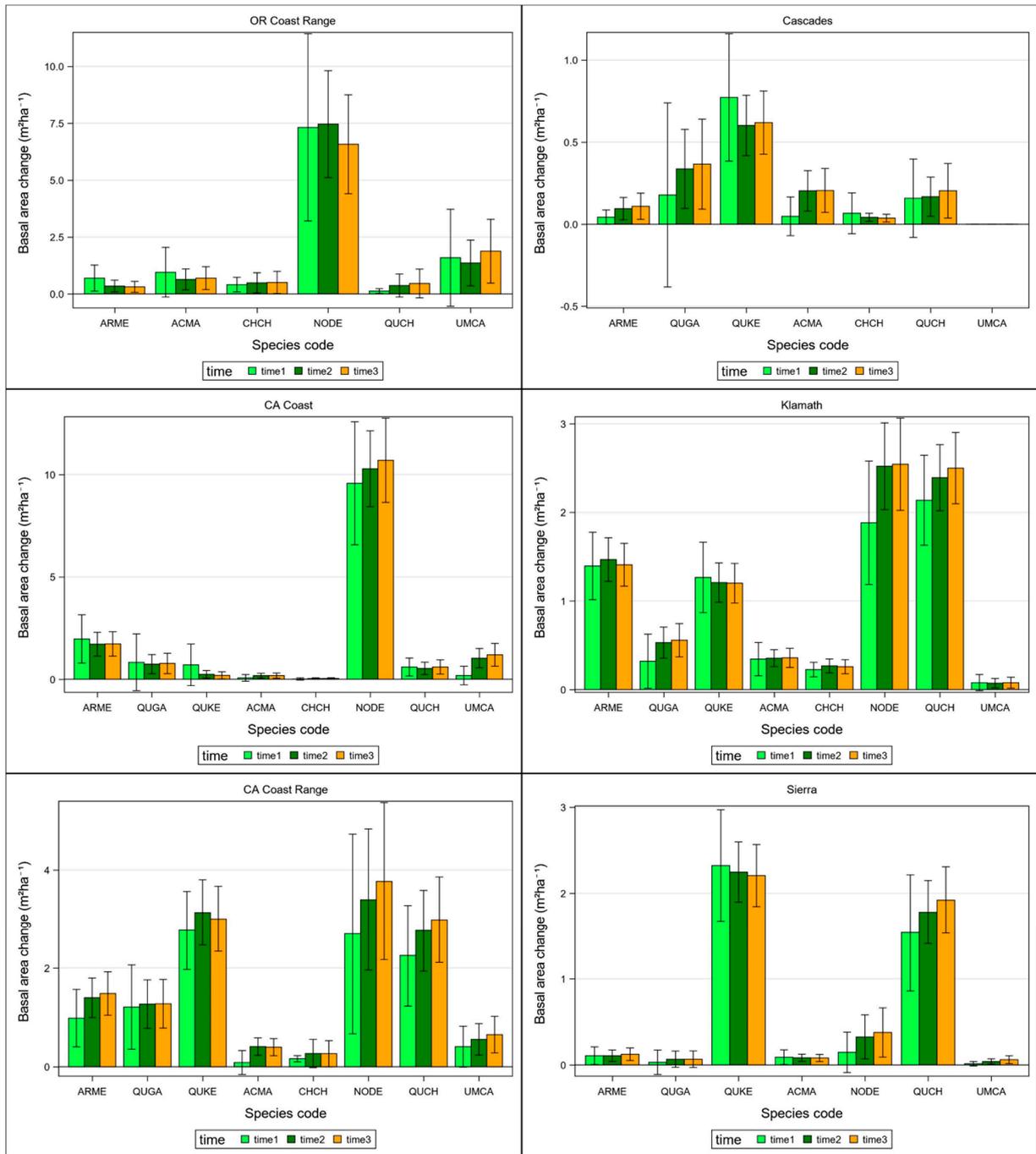


Figure S1: Three-period basal area change by ecoregion (national forest and private lands only). Error bars denote 95% confidence intervals.

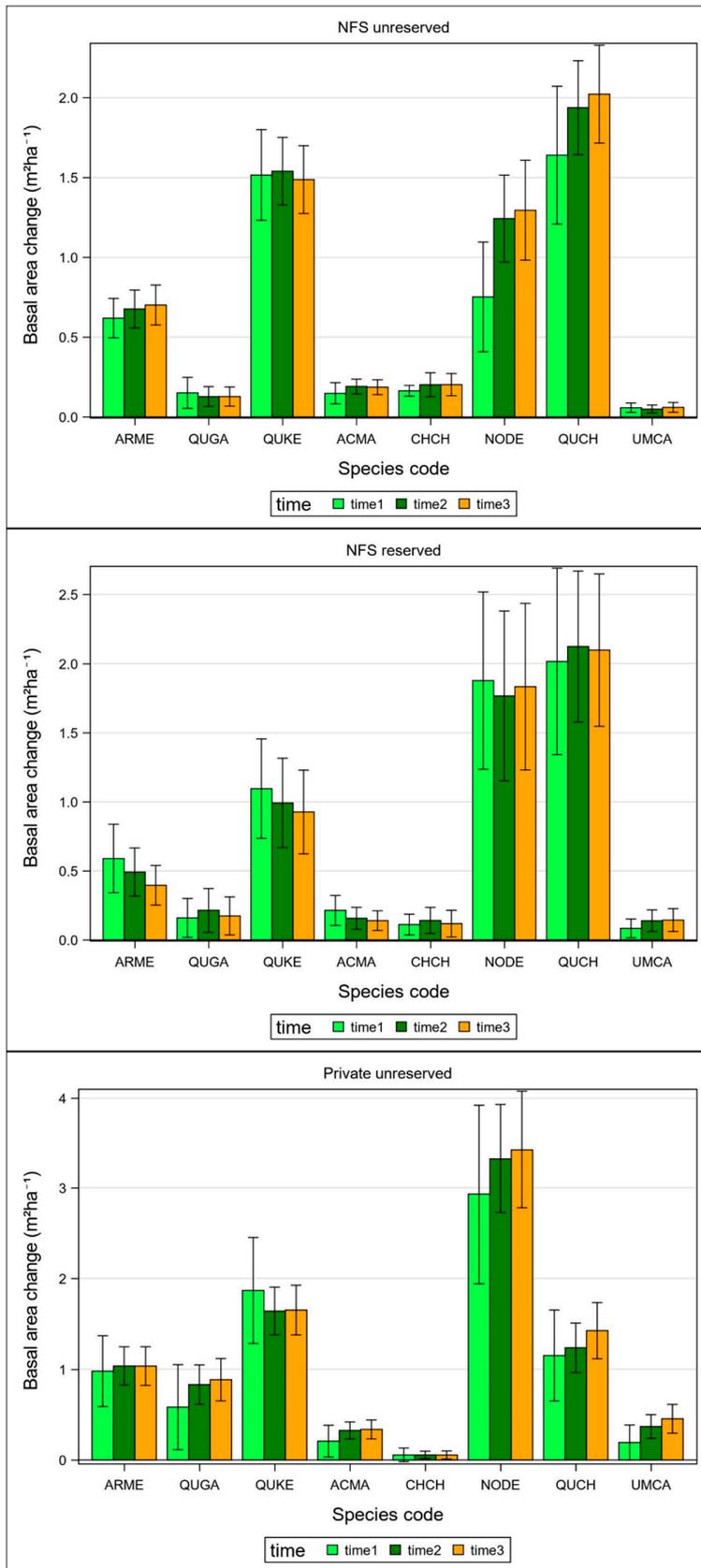


Figure S2: Three-period basal area change by ownership (NFS=National Forest System lands). Error bars denote 95% confidence intervals.

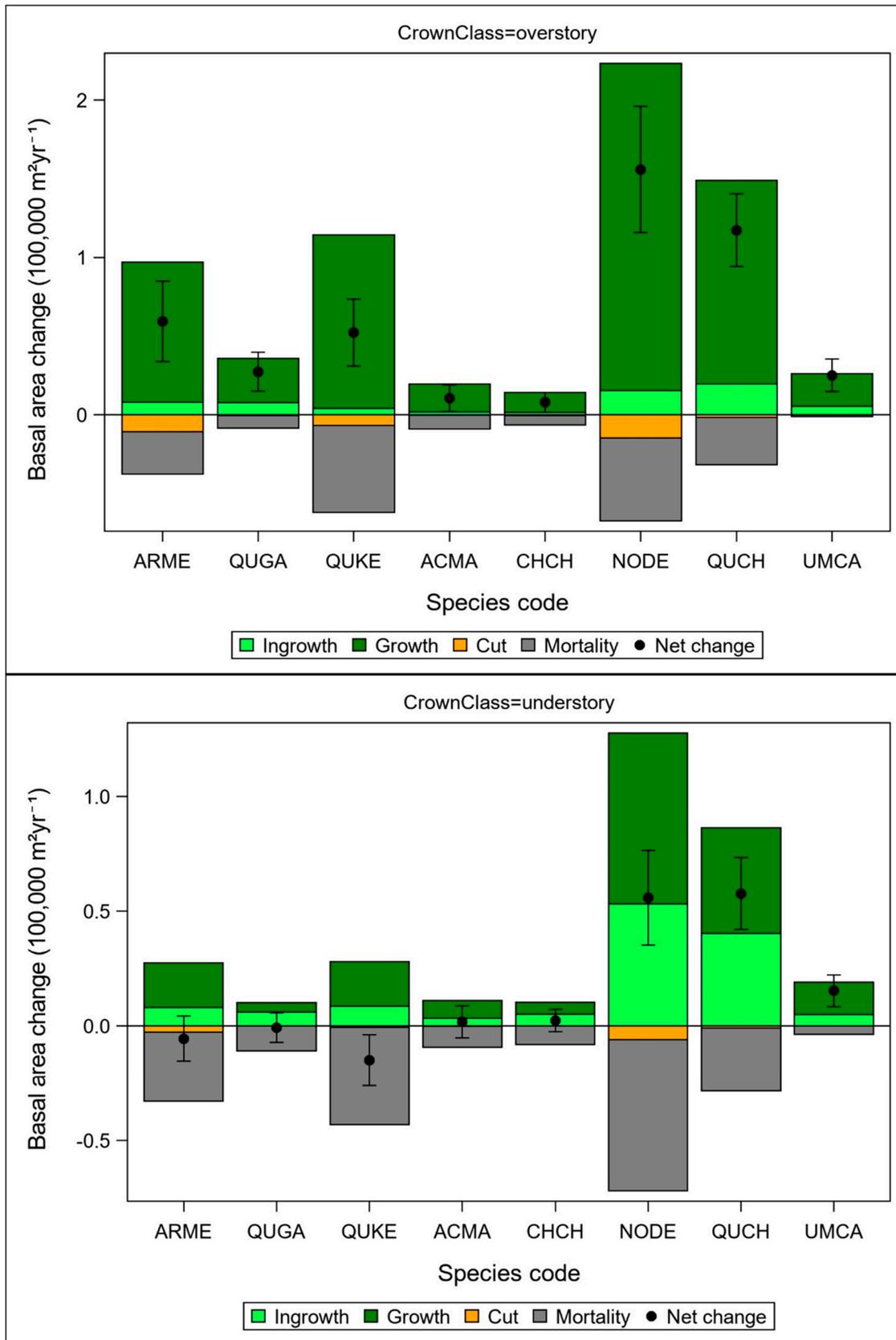


Figure S3: Basal area changes on undisturbed plots by overstory and understory crown class. Error bars denote 95% confidence intervals.

Table S1: Basal area ($\times 1,000 \text{ m}^2$) by ecoregion section at time 2, with percentages of each species' total biomass within each ecoregion in parentheses.

Ecoregion	Section	ARME	QUGA	QUKE	ACMA	CHCH	NODE	QUCH	UMCA	Total
OR Coast Range	OR Coast Ranges	118 (1.3%)	0 (0%)	0 (0%)	100 (4.7%)	127 (8.4%)	1181 (6%)	113 (0.7%)	214 (12%)	1853 (2.8%)
Cascades	Modoc Plateau	0 (0%)	2 (0.1%)	34 (0.3%)	0 (0%)	0 (0%)	0 (0%)	0 (0%)	0 (0%)	36 (0.1%)
Cascades	Southern Cascades	0 (0%)	537 (13.6%)	824 (6.2%)	168 (8%)	1 (0.1%)	0 (0%)	238 (1.5%)	0 (0%)	1768 (2.7%)
Cascades	Western Cascades	137 (1.6%)	98 (2.5%)	52 (0.4%)	132 (6.3%)	60 (3.9%)	0 (0%)	5 (0%)	0 (0%)	484 (0.7%)
Klamath	Klamath Mountains	5459 (62.5%)	1583 (40.1%)	3745 (28.2%)	1037 (49.3%)	1093 (71.9%)	7033 (35.4%)	6876 (44.6%)	190 (10.6%)	27015 (40.5%)
CA Coast Range	N CA Coast Ranges	1427 (16.3%)	466 (11.8%)	152 (1.1%)	128 (6.1%)	21 (1.4%)	7958 (40.1%)	415 (2.7%)	785 (43.9%)	11352 (17%)
CA Coast Range	N CA Coast Ranges	1269 (14.5%)	1099 (27.8%)	2564 (19.3%)	332 (15.8%)	219 (14.4%)	2873 (14.5%)	2206 (14.3%)	497 (27.8%)	11058 (16.6%)
CA Coast Range	N CA Interior Coast Ranges	0 (0%)	1 (0%)	34 (0.3%)	0 (0%)	0 (0%)	0 (0%)	115 (0.7%)	0 (0%)	150 (0.2%)
Sierra	Sierra Nevada	328 (3.8%)	149 (3.8%)	5614 (42.3%)	191 (9.1%)	0 (0%)	805 (4.1%)	5021 (32.6%)	84 (4.7%)	12192 (18.3%)
Sierra	Sierra Nevada Foothills	0 (0%)	15 (0.4%)	253 (1.9%)	16 (0.8%)	0 (0%)	0 (0%)	425 (2.8%)	19 (1.1%)	727 (1.1%)
Total		8,737	3,951	13,271	2,104	1,520	19,850	15,413	1,789	66,635
% of total hardwood biomass		13%	6%	20%	3%	2%	30%	23%	3%	100%

Table S2: Annual rate of basal area change (m^2yr^{-1}) on disturbed plots by disturbance type. Net change on all plots and significance test for difference from zero shown for comparison.

Species	ARME	QUGA	QUKE	ACMA	CHCH	NODE	QUCH	UMCA
Fire	-34,558	-7,002	-72,390	-6,189	-9,313	-21,315	-91,572	-1,067
SE	10,410	3,610	21,280	2,596	5,273	41,160	24,041	815
Cut	-14,191	1,900	-141	-3,950	-3,066	-85,351	-1,745	-40
SE	8,258	2,108	3,558	2,993	2,573	34,351	1,703	40
Fire +Cut	688	322	-3,467	-1,135		-1,559	-1,277	
SE	764	306	1,880	1,083		3,256	1,188	
Other	-798	1,791	215	274	-636	968	1,453	52
SE	640	1,120	574	262	455	2,674	1,427	52
Total disturbed plots	-48,859	-2,990	-75,782	-11,000	-13,015	-107,256	-93,141	-1,055
SE	13,322	4,338	21,662	4,116	5,885	53,783	24,171	818
Total all plots	5,028	23,576	-38,539	1,270	-2,705	104,379	81,766	39,345
SE	19,867	8,528	25,266	7,451	7,419	59,842	29,028	6,985
Z-test for overall difference	0.25	2.76	1.53	0.17	0.36	1.74	2.82	5.63
P-value	0.4	0.003	0.064	0.432	0.358	0.041	0.002	0