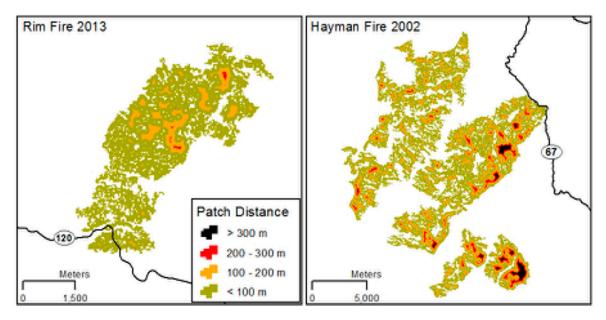# Supplemental Materials (Tables and Figures)

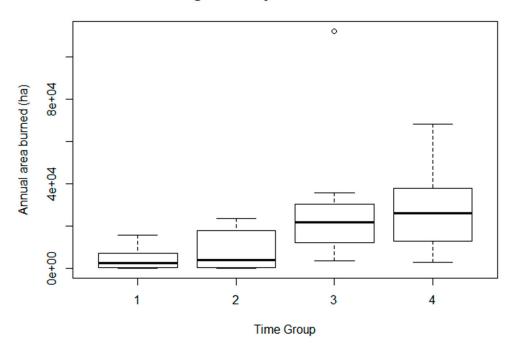**Table S1.** Critical values ($q_{0.05, 4}$), absolute difference between mean of ranks ($|R_A\text{-}R_B|$), standard errors (SE), and test statistics (q) to assess statistical significance, at $\alpha = 0.05$, of any differences among the four time groups (1 = 1984-1991, 2 = 1992-1999, 3 = 2000-2007, and 4 = 2008-2015) for total annual area of CESF patches >100 ha using the Nemenyi non-parametric test for multiple comparisons between groups with an equal sample size (n = 8 years for each time group). Statistical significance of levels of q are shown as "Y" (significant) or "N" (not significant).

Time Group Comparison	$q_{0.05,4}$	$|R_A\text{-}R_B|$	SE	q	Significant? (Is q > $_{0.05,4}$?)
1–2	3.63	17.5	26.53	0.66	N
1–3	3.63	98.5	26.53	3.71	Y
1–4	3.63	107.5	26.53	4.05	Y
2–3	3.63	81.0	26.53	3.05	N
2–4	3.63	90.0	26.53	3.39	N
3–4	3.63	9.0	26.53	0.34	N

Figure S1. Example of CESF patches >1,000 ha, showing distances from areas of unburned, low, and moderate severity fire within the patch boundaries in the Rim (Stanislaus National Forest, CA) and Hayman fires (Colorado Front Range).

High Severity Patches > 100ha

Figure S2. Annual area of large patches (>100 ha) of CESF in the four time periods.