Supplementary material

Spatial interpolation and mean fire interval analyses quantify historical mixed-severity fire regimes

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Table S1. Comparison of boundary thresholds using the plot-level modified dataset, including data from both fire-scar and tree-age plots

Varying combinations of the ratio of plots scarred to all plots recording were used to calculate conservative, moderate and liberal thresholds and fire metrics. Analyses were for 20 fire years that scarred ≥2 trees in the study area between 1700 and 2010

Year	Plots with scars (n)	Conservative					Moderate					Liberal					Fixed		
		Recorders (n)	Ratio	Min. threshold (1-ratio)	Polygons (n)	Area burned (ha)	Recorders (n)	Ratio	Min. threshold (1-ratio)	Polygons (n)	Area burned (ha)	Recorders (n)	Ratio	Min. threshold (1-ratio)	Polygons (n)	Area burned (ha)	Min. threshold	Polygons (n)	Area burned (ha)
1718	3	21	0.14	0.86	2	123.3	12	0.25	0.75	2	245.3	9	0.33	0.67	2	391.3	0.50	2	1031.5
1739	10	22	0.45	0.55	2	2373.2	16	0.63	0.38	1	2766.3	13	0.77	0.23	2	3056.7	0.50	1	2490.7
1768	6	27	0.22	0.78	1	575.7	17	0.35	0.65	1	784.6	14	0.43	0.57	1	898.6	0.50	1	1013.6
1795	7	29	0.24	0.76	2	739.1	21	0.33	0.67	1	910.1	18	0.39	0.61	1	983.4	0.50	1	1099.3
1823	13	30	0.43	0.57	1	1172.3	26	0.50	0.50	1	1215.3	23	0.57	0.43	1	1259.5	0.50	1	1215.3
1831	9	32	0.28	0.72	2	587.6	28	0.32	0.68	2	628.5	25	0.36	0.64	2	663.2	0.50	3	820.7
1843	2	32	0.06	0.94	2	7.1	28	0.07	0.93	2	8.5	25	0.08	0.92	2	9.2	0.50	2	96.5
1847	1	32	0.03	0.97	1	2.1	28	0.04	0.96	1	2.7	25	0.04	0.96	1	3.1	0.50	1	55.3
1848	2	33	0.06	0.94	2	5.9	28	0.07	0.93	2	8.7	25	0.08	0.92	2	9.3	0.50	2	88.5
1866	4	33	0.12	0.88	1	66.7	28	0.14	0.86	1	72.0	25	0.16	0.84	1	75.3	0.50	1	130.2
1869	17	33	0.52	0.48	1	2796.0	31	0.55	0.45	1	2849.7	28	0.61	0.39	1	2936.6	0.50	1	2773.1
1879	2	42	0.05	0.95	2	1.8	40	0.05	0.95	2	1.8	28	0.07	0.93	2	3.3	0.50	2	44.0
1886	14	44	0.32	0.68	3	788.8	44	0.32	0.68	3	788.8	30	0.47	0.53	2	973.9	0.50	2	1016.3
1889	5	44	0.11	0.89	2	73.7	44	0.11	0.89	2	73.7	30	0.17	0.83	2	95.2	0.50	1	178.9
1895	1	44	0.02	0.98	1	0.3	44	0.02	0.98	1	0.3	30	0.03	0.97	1	0.7	0.50	1	12.1
1904	14	44	0.32	0.68	7	565.3	44	0.32	0.68	7	565.3	30	0.47	0.53	4	788.4	0.50	4	839.4
1909	2	44	0.05	0.95	2	2.9	44	0.05	0.95	2	2.9	30	0.07	0.93	2	5.3	0.50	2	81.2
1920	2	44	0.05	0.95	2	6.1	44	0.05	0.95	2	6.1	30	0.07	0.93	2	9.0	0.50	1	151.2
1924	1	44	0.02	0.98	1	0.6	44	0.02	0.98	1	0.6	30	0.03	0.97	1	1.1	0.50	1	32.3
1926	1	44	0.02	0.98	1	0.8	44	0.02	0.98	1	0.8	30	0.03	0.97	1	0.9	0.50	1	24.1