Supplementary Material

The influence of wildfire risk reduction programs and practices on recreation visitation

Eric M. White[A,*], *Samantha G. Winder*[B] and *Spencer A. Wood*[B]

[A]USDA Forest Service, Pacific Northwest Research Station, Portland, Oregon, USA

[B]Outdoor R&D, University of Washington, Seattle, WA, USA

*Correspondence to: Email: eric.m.white@usda.gov

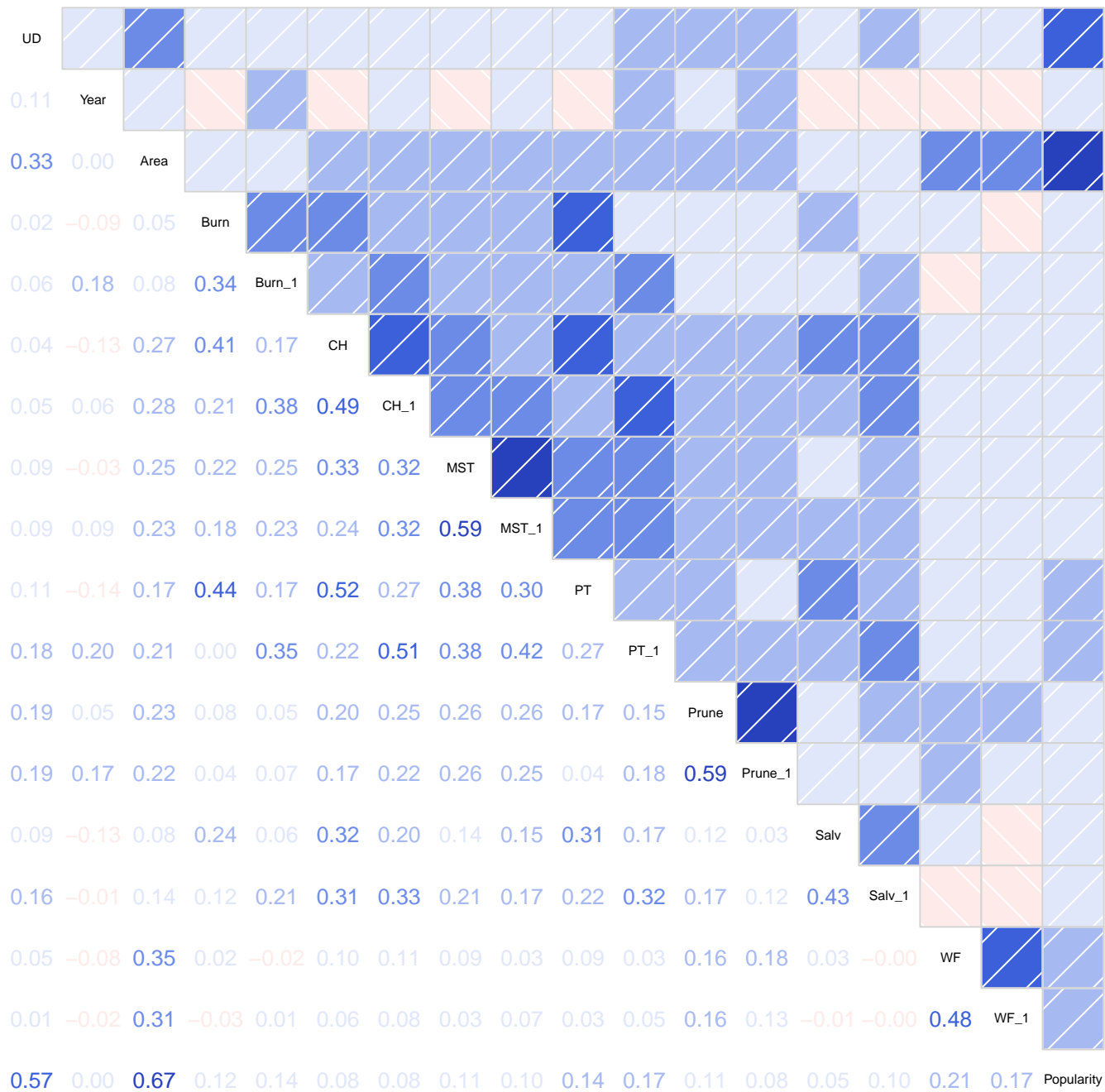|	UD	Year	Area	Burn	Burn_1	CH	CH_1	MST	MST_1	PT	PT_1	Prune	Prune_1	Salv	Salv_1	WF	WF_1	Popularity
UD																		
Year	0.11																	
Area	0.33	0.00																
Burn	0.02	−0.09	0.05															
Burn_1	0.06	0.18	0.08	0.34														
CH	0.04	−0.13	0.27	0.41	0.17													
CH_1	0.05	0.06	0.28	0.21	0.38	0.49												
MST	0.09	−0.03	0.25	0.22	0.25	0.33	0.32											
MST_1	0.09	0.09	0.23	0.18	0.23	0.24	0.32	0.59										
PT	0.11	−0.14	0.17	0.44	0.17	0.52	0.27	0.38	0.30									
PT_1	0.18	0.20	0.21	0.00	0.35	0.22	0.51	0.38	0.42	0.27								
Prune	0.19	0.05	0.23	0.08	0.05	0.20	0.25	0.26	0.26	0.17	0.15							
Prune_1	0.19	0.17	0.22	0.04	0.07	0.17	0.22	0.26	0.25	0.04	0.18	0.59						
Salv	0.09	−0.13	0.08	0.24	0.06	0.32	0.20	0.14	0.15	0.31	0.17	0.12	0.03					
Salv_1	0.16	−0.01	0.14	0.12	0.21	0.31	0.33	0.21	0.17	0.22	0.32	0.17	0.12	0.43				
WF	0.05	−0.08	0.35	0.02	−0.02	0.10	0.11	0.09	0.03	0.09	0.03	0.16	0.18	0.03	−0.00			
WF_1	0.01	−0.02	0.31	−0.03	0.01	0.06	0.08	0.03	0.07	0.05	0.16	0.13	−0.01	−0.00	0.48			
Popularity	0.57	0.00	0.67	0.12	0.14	0.08	0.08	0.11	0.10	0.14	0.17	0.11	0.08	0.05	0.10	0.21	0.17	

Figure S1. Pairwise correlations (lower left) between all transformed variables included in the Project-level analysis model. Shading (upper right) indicates strength and direction of the correlations. The "_1" suffix indicates area treated in the prior year. UD = annual social media user-days, Burn = prescribed burning, CH = commercial harvest, MST = mechanical surface treatment, PT = precommercial thin, Prune = pruning, Salv = salvage harvest, WF = wildland fire use fires, Popularity = relative popularity. Figure created using the `corrgram` package in R (Wright 2021).

Table S1. The coefficients from the program-level analysis model, relating the ratio of social media user-days inside the CFLR boundaries to social media user-days outside the CFLR boundaries to time ("year") and a fixed effect for forest. Adjusted R^2 = 0.94, n = 261. Table created using the `gtsummary` package in R (Sjobert et al 2021).

	Coefficient	95% Confidence interval	*P* value
Year	-0.005	-0.023, 0.014	0.62
National forest			
Arapaho and Roosevelt National Forests	—	—	n/a
Bitterroot National Forest	-2.76	-3.12, -2.40	<0.001
Cibola National Forest	-3.75	-4.11, -3.39	<0.001
Colville National Forest	0.535	0.173, 0.896	0.004
Deschutes National Forest	0.797	0.436, 1.16	<0.001
Eldorado National Forest	0.002	-0.360, 0.363	>0.99
Flathead National Forest	-0.802	-1.16, -0.440	<0.001
Fremont-Winema National Forest	-1.56	-1.92, -1.20	<0.001
Grand Mesa, Uncompahgre and Gunnison National Forests	-3.32	-3.69, -2.96	<0.001
Helena-Lewis and Clark National Forest	-1.58	-1.94, -1.21	<0.001
Idaho Panhandle National Forests	-1.51	-1.87, -1.15	<0.001
Kaibab National Forest	3.12	2.76, 3.48	<0.001
Lassen National Forest	0.170	-0.192, 0.531	0.36
Lolo National Forest	-1.60	-1.96, -1.24	<0.001
Malheur National Forest	0.960	0.599, 1.32	<0.001
Mark Twain National Forest	-3.05	-3.41, -2.69	<0.001
National Forests in Florida	-1.63	-1.99, -1.27	<0.001
National Forests in Mississippi	-1.13	-1.49, -0.769	<0.001
National Forests in North Carolina	-1.91	-2.27, -1.55	<0.001
Nez Perce-Clearwater National Forest	-1.32	-1.68, -0.957	<0.001
Okanogan-Wenatchee National Forest	-0.416	-0.778, -0.055	0.024
Ouachita National Forest	-2.44	-2.80, -2.08	<0.001
Ozark-St. Francis National Forest	-0.808	-1.17, -0.446	<0.001
Payette National Forest	0.597	0.236, 0.959	0.001
Pike and San Isabel National Forests	0.502	0.141, 0.864	0.007
Santa Fe National Forest	-1.91	-2.28, -1.55	<0.001
Sierra National Forest	-1.48	-1.84, -1.12	<0.001
Stanislaus National Forest	0.048	-0.313, 0.410	0.79
Tonto National Forest	0.230	-0.131, 0.592	0.21

References

Sjoberg DD, Whiting K, Curry M, Lavery JA, Larmarange J (2021). Reproducible summary tables with the gtsummary package. *The R Journal* **13**, 570–80. https://doi.org/10.32614/RJ-2021-053.

Wright K (2021). *corrgram: Plot a Correlogram*. R package version 1.14, <https://CRAN.R-project.org/package=corrgram>.