Supplementary material

Wildfire dynamics and impacts on a tropical Andean oak forest

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Table S1. Correlation analysis to compare the relative surface area burned in the Iguaque mountains (Colombia), with El Niño Ocean Index (ONI).

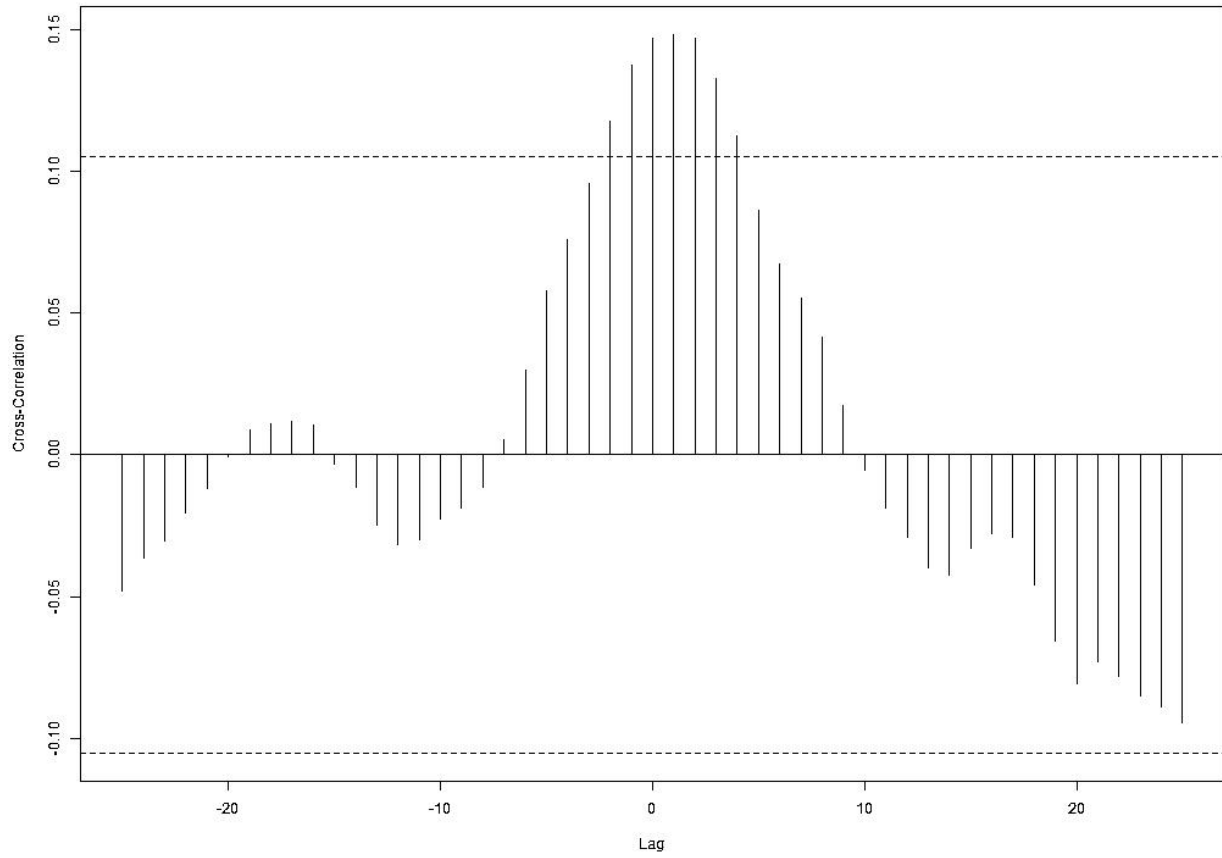| Test name	Iguaque surface area burned vs. ONI				Iguaque surface area burned vs. Niño				Iguaque surface area burned vs. Niña			
	Value	df	p-value	Sample estimates	Value	df	p-value	Sample estimates	Value	df	p-value	Sample estimates
r Pearson	t = 2.8	346	0.006	r = 0.15	t = 2.8	346	0.005	r = 0.15	t = 1.5	346	0.14	r = 0.08
Rho Spearman	S = 6366831		0.08	rho = 0.09	S = 6318989		0.06	rho = 0.1	S = 6469748		0.14	rho = 0.9
Tau Kendall	z = 1.7		0.08	tau = 0.08	z = 1.9		0.06	tau = 0.09	z = 1.5		0.14	tau = 0.07

Fig. S1. Cross-Correlation Function (CCF) plot for relative surface area burned in the Iguaque mountains (Colombia) and the El Niño Ocean Index (ONI) series.