

Supplementary Information 1. Results of the test Anderson country pair comparisons of their respective curves of distances of fire occurrences to roads and rivers in each country.

Country	Colombia		Ecuador		Peru		Venezuela
	roads	rivers	roads	rivers	roads	rivers	rivers
Brazil	p <0.01	p <0.01	p <0.01	p <0.01	p <0.01	p <0.01	p <0.01
Colombia			p <0.01	p <0.01	p <0.01	p <0.01	p <0.01
Ecuador					p <0.01	p <0.01	p <0.01
Peru							p <0.01

Supplementary Information 2. Results of the test Anderson country pair comparisons of their respective null model curves of distances of fire occurrences to forest edge (outside or inside the forest) in each country.

Country	Colombia		Ecuador		Peru		Venezuela	
	outside	inside	outside	inside	outside	inside	outside	inside
Brazil	p <0.01	p <0.01	p <0.01	p <0.01	p <0.01	p <0.01	p <0.01	p <0.01
Colombia			p <0.01	p <0.01	p <0.01	p <0.01	p <0.01	p <0.01
Ecuador					p <0.01	p <0.01	p <0.01	p <0.01
Peru							p <0.01	p <0.01