

Supplementary material

Dynamics of fire foci in the Amazon Rainforest and their consequences on environmental degradation

Helvécio de Oliveira Filho¹, José Francisco de Oliveira-Júnior^{1,2}, Marcos Vinícius da Silva³, Alexandre Maniçoba da Rosa Ferraz Jardim³, Munawar Shah⁴, João Paulo Assis Gobo⁵, Claudio José Cavalcante Blanco⁶, Luiz Claudio Gomes Pimentel⁷, Corbiniano da Silva¹¹, Elania Barros da Silva¹, Thelma de Barros Machado¹, Carlos Rodrigues Pereira¹, Ninu Krishnan M. V.^{8,9}, Vijith Hamza¹⁰, Mohd Anul Haq¹¹, Ilyas Khan¹², Abdullah Mohamed¹³ and El-Awady Attia^{14,15}

Table S1. Eigenvalue, percentage of variance and loadings for the first three principal components of the PCA.

	Eigenvalue	Variance (%)	Cumulative (%)
Principal component 1 (PC1)	2.29	25.47	25.47
Principal component 2 (PC2)	2.18	24.27	49.74
Principal component 3 (PC3)	1.20	13.36	63.10
<i>Loading in PCA</i>			
Variable	PC1	PC2	PC3
Fire foci	0.50	0.40	-0.55
PRODES	0.59	0.68	0.28
Forest	0.43	0.64	0.55
Mining	0.24	0.48	-0.59
Pasture	-0.55	0.34	0.18
Urban	0.52	-0.06	0.20
Livestock	-0.52	0.22	0.26
Agriculture	-0.60	0.49	-0.15
Crops	-0.49	0.73	-0.11