

Study	OM	OC	BC	Cl ⁻	NO ₃ ⁻	SO ₄ ²⁻	NH ₄ ⁻
Tropical-forest-like							
Rondônia ¹	8.00 ±2.53	5.00 ±1.58	0.019 ±0.006	0.04 ±0.01	0.078 ±0.025	0.034 ±0.011	0.033 ±0.011
Brazil: deforestation ²	–	4.34	0.46	0.07	0.08	0.05	0.001
Yucatán: deforestation & crop residue ³	3.254 ±0.690	2.117 ±0.569	0.541 ±0.569	0.509 ±0.377	0.233 ±0.056	0.047 ±0.024	0.192 ±0.136
Central Kalimantan, Indonesia: tropical peat fires ⁴	– ±5.5	16.0 ±0.00162	0.00552	–	–	–	–
Global: tropical forest ⁵	– ±2.73	4.71 ±0.28	0.52 ±0.16	0.15 ±0.05	0.11 ±0.05	0.13 ±0.088	0.00564 ±0.0172
Global: tropical forest ⁶	– ±1.5	5.2 ±0.31	0.66	–	–	–	–
GFEDv3/GFASv1.0: deforestation ⁷	–	4.3	0.57	–	–	–	–
GFEDv4: deforestation ⁷	–	4.71	0.52	–	–	–	–
Cerrado-like							
Tocantins ¹	1.31 ±0.42	0.82 ±0.26	0.13 ±0.04	0.09 ±0.03	0.013 ±0.004	0.0006 ±0.0002	0.015 ±0.005
Brazil: Cerrado ²	– ±1.23	2.94 ±0.2	0.35 0.055	0.23 0.013	0.016 0.009	0.018 0.009	0.0035 0.0035
Africa: savannah ⁸	– ±1.2	2.3 ±0.19	0.39 ±1.4	0.97 ±0.11	0.16 ±0.11	0.17 ±0.18	–
Australia: savannah ⁹	5.7 ±1.4	3.56 ±0.88	– –	0.60 ±0.1	0.030 ±0.008	0.0024 ±0.006	0.20 ±0.005
Global: savannah ⁵	– ±1.24	2.62 ±0.20	0.37 ±0.20	0.23 ±0.055	0.016 ±0.013	0.018 ±0.009	0.0035 ±0.0035
Global: savannah & grassland ⁶	– ±1.4	3.4 ±0.18	0.48 ±0.18	– –	– –	– –	–
GFEDv3/GFASv1.0: savannah ⁷	–	3.2	0.46	–	–	–	–
GFEDv4: savannah ⁷	–	2.62	0.37	–	–	–	–
Mixed							
Laboratory study: range of fuel types ¹⁰	0.5 to 44.2	– –	0.03 ± 0.02 5.39	0.0 ± 0.0 0.84 ± 1.17	0.01 to 0.73 ± 0.34	0.0 ± 0.01 to 0.51	0.0 ± 0.01 to