

Authors' detected changes

Table 2, on its section “gross AFOLU emissions (PgCO₂e.yr⁻¹) Monte Carlo results” has a small problem that requires small changes. The emission values offered in the first section of this table derive from the Monte Carlo simulations. Since two of our emission sources were not Gaussian variables, their assumed probability density functions did not match the data perfectly well, since we did not find a way to perfectly parameterize them. As a consequence, Monte Carlo mean values do not coincide exactly with the values obtained by directly summing the emission data (analytic sum) from the pixel scale to the appropriate scales. Table 2 has the MC results, but to be consistent with other manuscripts that we are about to submit on AFOLU datasets comparisons, we prefer to offer the analytic sums. This means a few small changes in the tables and in the text:

Old

Gross AFOLU emissions (PgCO ₂ e.yr ⁻¹) Monte Carlo results						
		CO ₂ e	CO ₂	CH ₄	N ₂ O	
Tropical		8.2 (5.5-12.2)	5.7 (3.3-9.5)	1.48 (1.1-1.9)	1 (0.8-1.2)	
Central & South America		2.8 (1.8-4.4)	2.3 (1.3-3.8)	0.32 (0.24-0.45)	0.22 (0.2-0.3)	
Africa		2.8 (1.9-4.0)	2.1 (1.4-3.2)	0.39 (0.27-0.5)	0.32 (0.24-0.39)	
Asia		2.6 (1.7-3.8)	1.4 (0.7-2.4)	0.74 (0.56-0.95)	0.41 (0.35-0.47)	

Corrected

Gross AFOLU emissions (PgCO ₂ e.yr ⁻¹)					
		CO ₂ e	CO ₂	CH ₄	N ₂ O
Pantropical		8.0 (5.5-12.2)	5.5 (3.3-9.5)	1.5 (1.1-1.9)	1 (0.8-1.2)
Cent & South America		2.7 (1.8-4.5)	2.1 (1.3-3.8)	0.35 (0.25-0.45)	0.25 (0.2-0.3)
Africa		2.8 (1.9-4.0)	2.1 (1.4-3.2)	0.39 (0.27-0.5)	0.3 (0.22-0.39)
Asia		2.5 (1.7-3.8)	1.3 (0.7-2.4)	0.74 (0.56-0.95)	0.41 (0.35-0.47)

Line 336, 8.2 (5.5-12.2) PgCO₂e.yr⁻¹, changes into 8.0 (5.5-12.2) PgCO₂e.yr⁻¹ (line 355 in new version)

Line 401, 5.7 (3.3-9.5) PgCO₂e.yr⁻¹ changes into 5.5 (3.3-9.5) PgCO₂e.yr⁻¹ (line 420 in new version)

Line 402, 1.48 (1.1-1.9) PgCO₂e.yr⁻¹, changes into 1.5 (1.1-1.9) PgCO₂e.yr⁻¹ (line 421 in new version)

Line 435, 2.8 (1.8-4.4), 2.8 (1.9-4.0), 2.6 (1.7-3.8) PgCO₂e.yr⁻¹, changes into 2.7 (1.8-4.5), 2.8 (1.9-4.0), 2.5 (1.7-3.8) PgCO₂e.yr⁻¹, for Central and South (CS) America, Africa, and Asia, respectively (lines 460-461 in new version)

Lines 437-438, The original units and values had an error. The proportion 3x1 of the result is maintained, but the absolute value were incorrect. The text has changed from: ‘turn Asia into the largest continental source (0.9 TgCO₂e.yr⁻¹.ha⁻¹) followed by Africa and CS America (0.39, 0.36 TgCO₂e.yr⁻¹.ha⁻¹, respectively)’ into 3.2 MgCO₂e.ha⁻¹.yr⁻¹ followed by Africa and CS America, with 1.3 and 1.35 MgCO₂e.ha⁻¹.yr⁻¹, each (lines 463-464 in new version)