Table 2 N2O emissions in relation to soil variables (N=144)

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
|  | Pearson's r | | | | β | *b* | SE |
|  | H2O | N | CO2 | log(N2O) |
| H2O |  | -0.309\*\*\* | 0.097 | -0.587\*\*\* | -0.472 | -8.717\*\*\* | 1.095 |
| N |  |  | -0.094 | 0.567\*\*\* | 0.442 | 0.015\*\*\* | 0.002 |
| CO2 |  |  |  | 0.132 | 0.220 | 0.211\*\*\* | 0.054 |
| Mean | 0.126 | 15.819 | 1.277 | -0.693 | Intercept = -0.101 | | |
| SD | 0.034 | 18.343 | 0.647 | 0.620 | Adj.*R*2 *=* 0.548\*\*\* | | |

H2O soil gravimetric moisture; N soil NH4++NO3--N; CO2 mineralizable C; β standardized regression slope coefficients in standard deviations from the centered variable; *b* unstandardized regression slope coefficients; SE standard error of the unstandardized slopes; \*\*\* sigificant at *p* < 0.001