



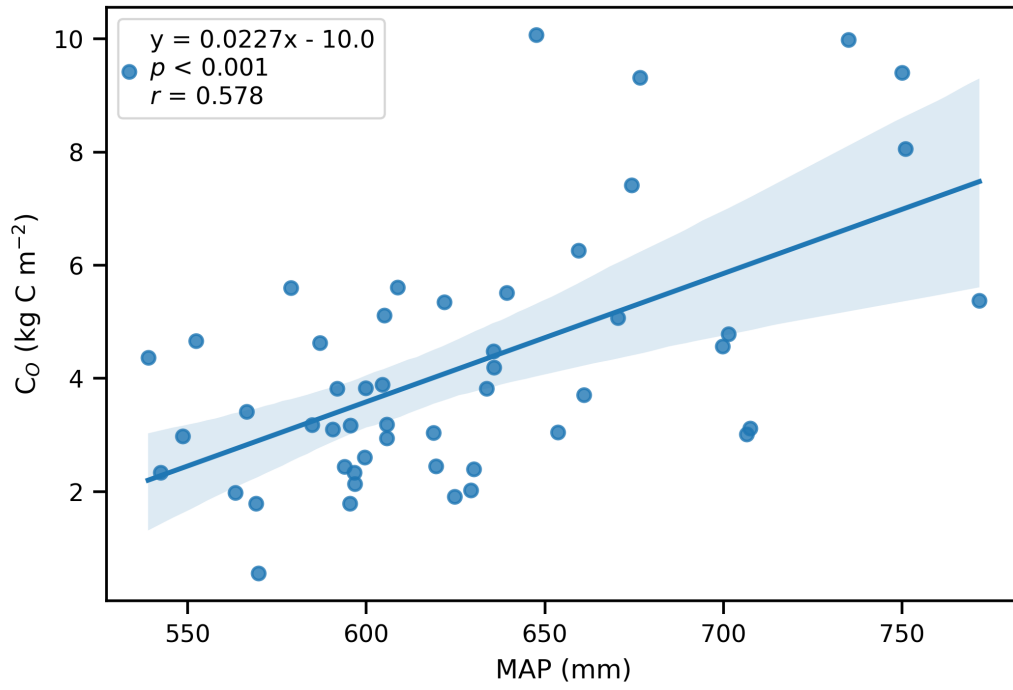
*Supplement of*

## **Climatic variation drives loss and restructuring of carbon and nitrogen in boreal forest wildfire**

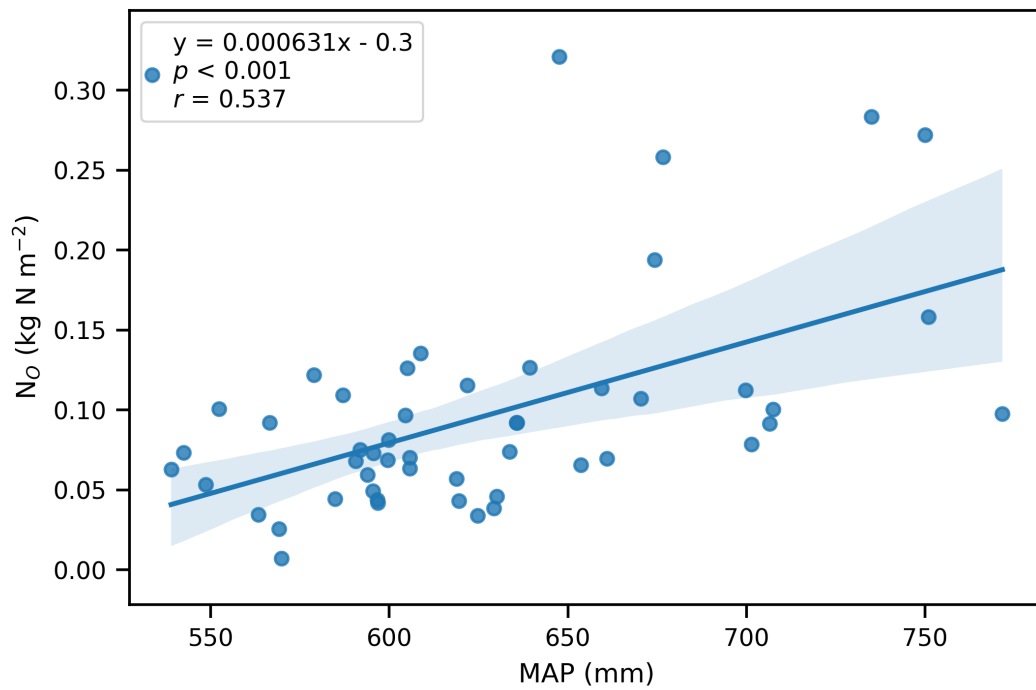
**Johan A. Eckdahl et al.**

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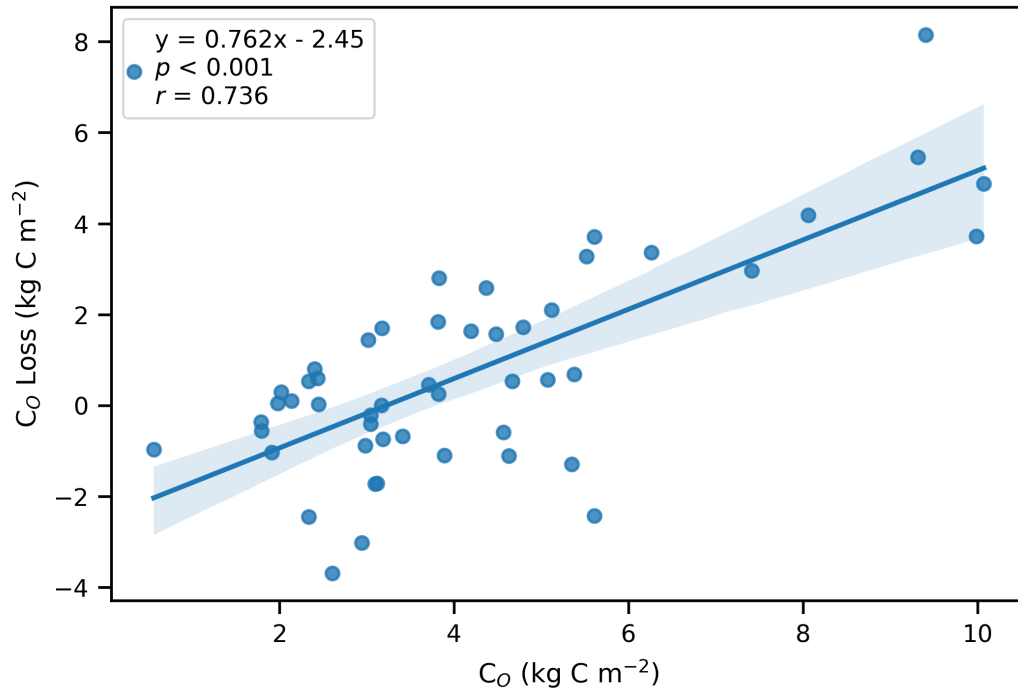
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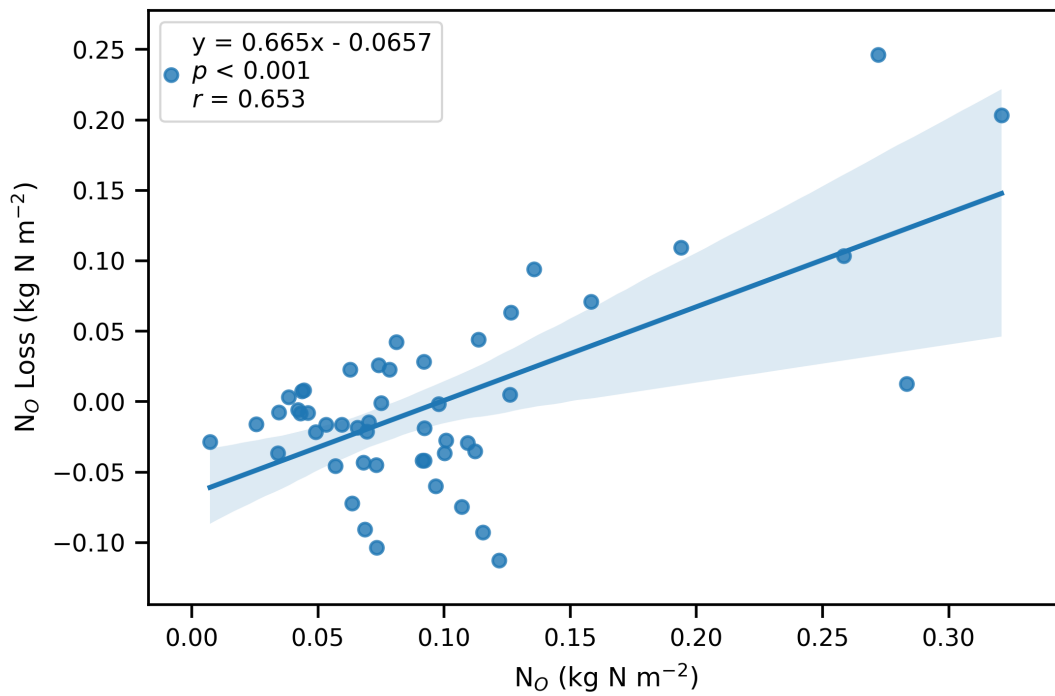
**Fig. S1** Simple regression plot for  $C_O$  versus MAP.



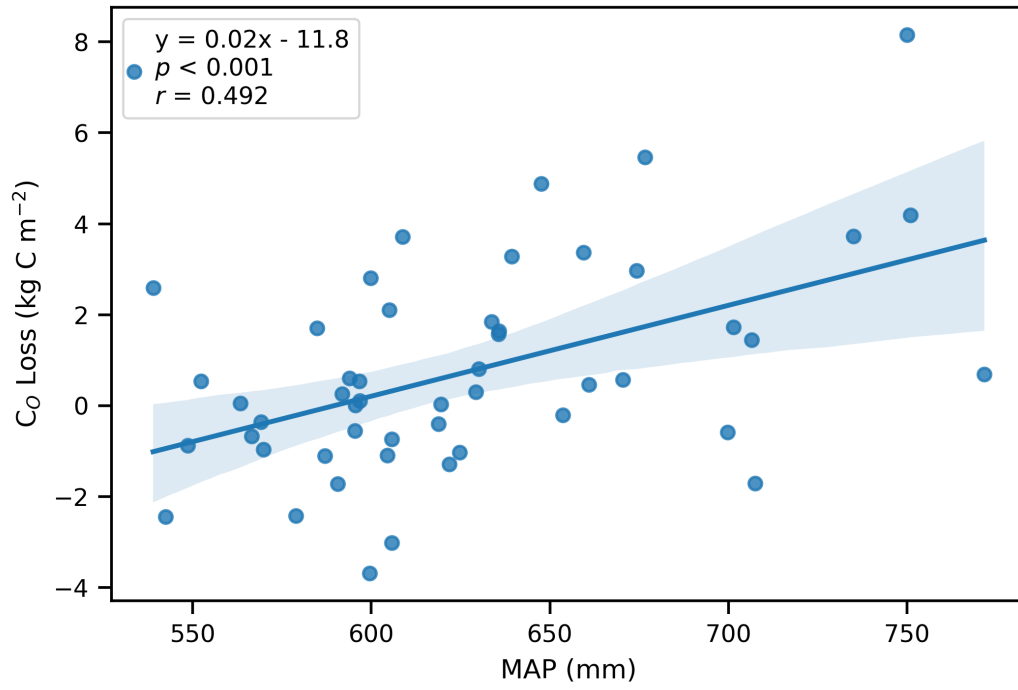
**Fig. S2** Simple regression plot for  $N_O$  versus MAP.



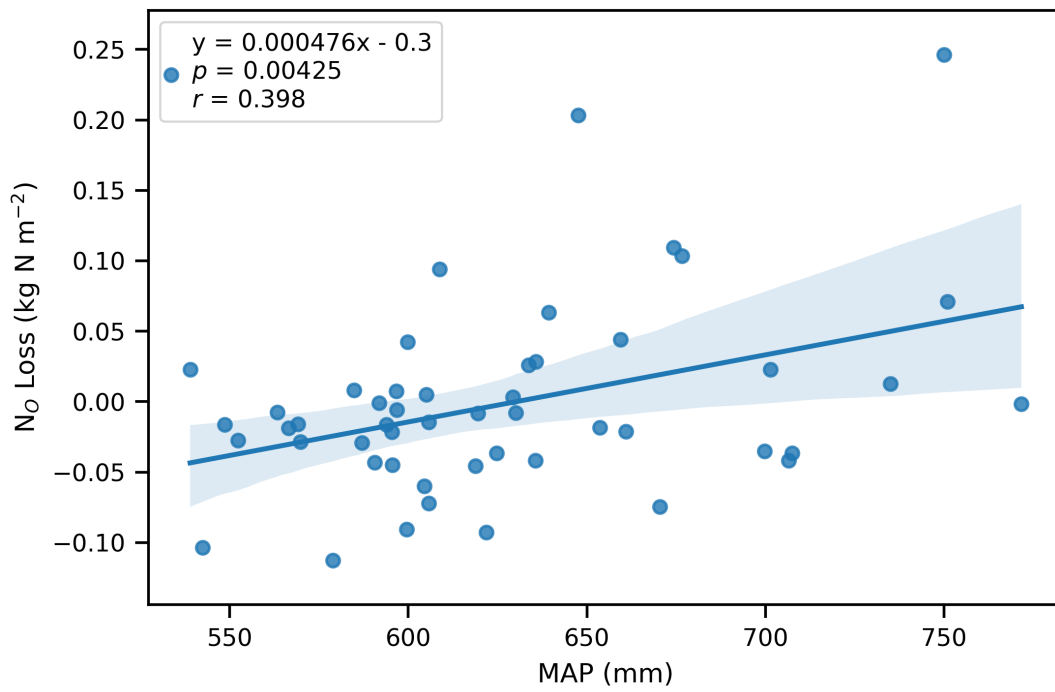
**Fig. S3** Simple regression plot for  $C_O$  loss versus  $C_O$ .



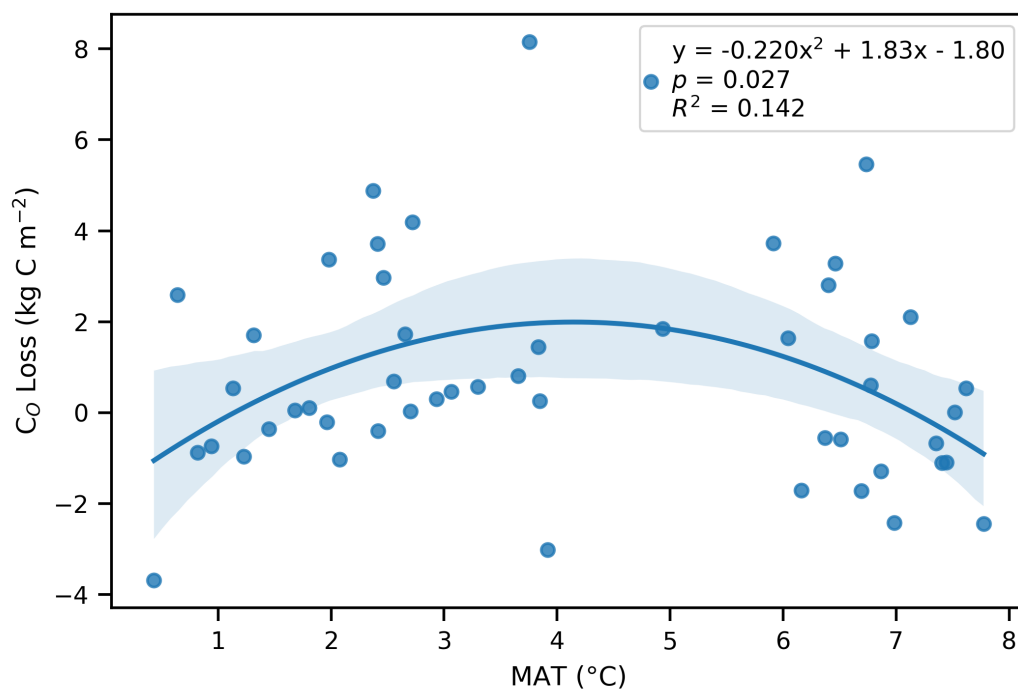
**Fig. S4** Simple regression plot for  $N_O$  loss versus  $N_O$ .



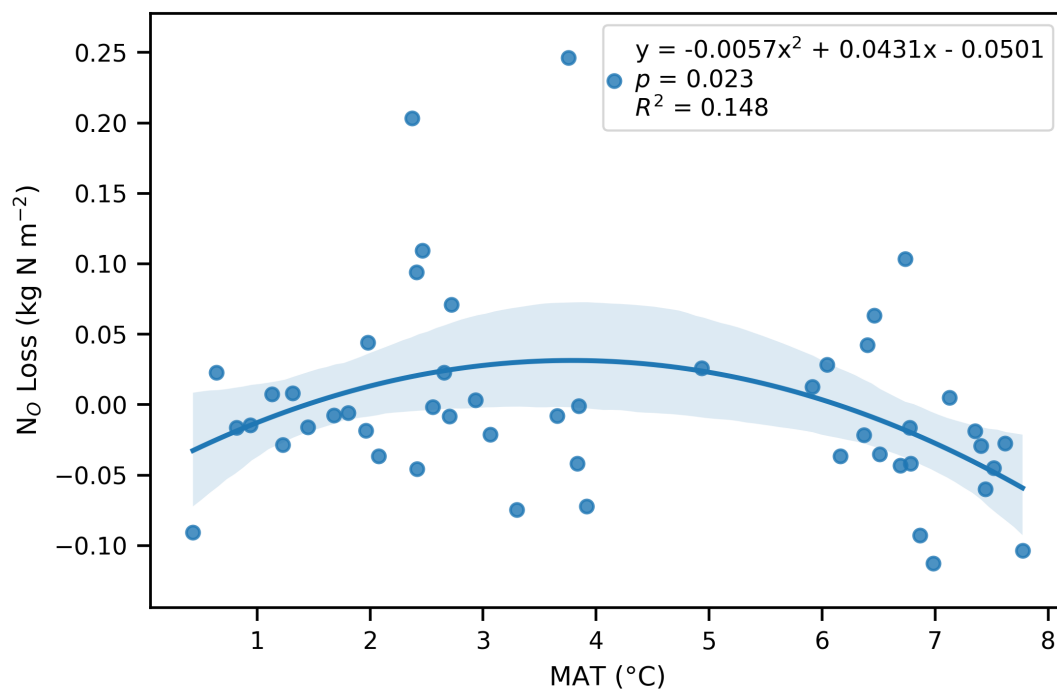
**Fig. S5** Simple regression plot for  $C_O$  loss versus MAP.



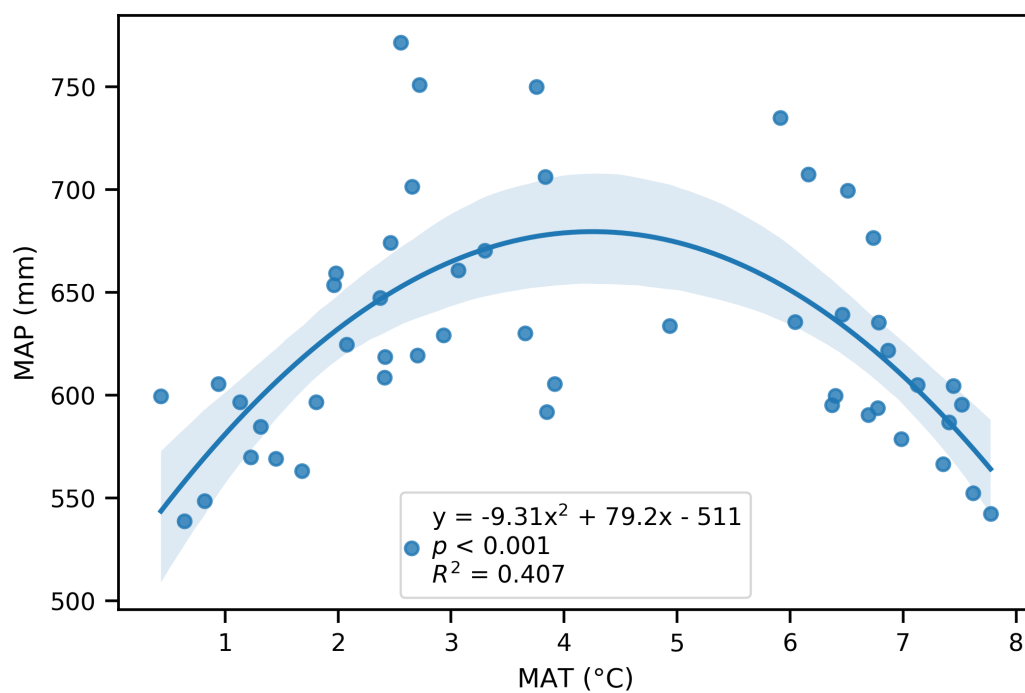
**Fig. S6** Simple regression plot for  $N_O$  loss versus MAP.



**Fig. S7** C<sub>O</sub> plotted as a function of MAT derived from multiple linear regression of MAT, MAT<sup>2</sup> and a constant.



**Fig. S8** N<sub>O</sub> plotted as a function of MAT derived from multiple linear regression of MAT, MAT<sup>2</sup> and a constant.



**Fig. S9** MAP plotted as a function of MAT derived from multiple linear regression of MAT, MAT<sup>2</sup> and a constant.