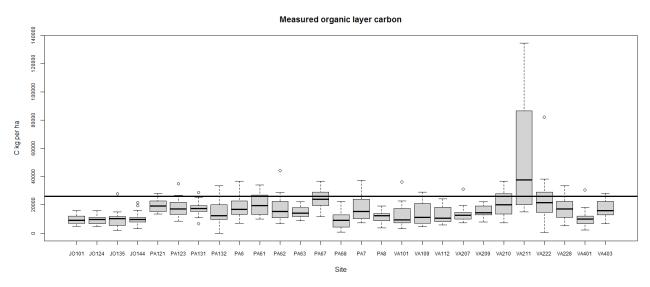
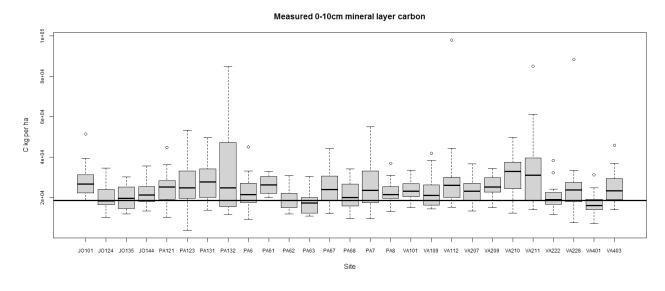
Kumpu A., Peltoniemi M., Forsius M., Mäkelä A. (2025). Soil carbon and nitrogen in unmanaged forests in Southern and Eastern Finland. Silva Fennica vol. 59 no. 3 article id 24072. https://doi.org/10.14214/sf.24072

## **Supplementary file S5**

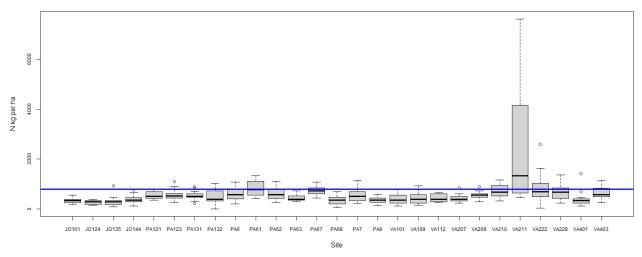


**Figure 5a**. The variation of soil carbon (kg ha<sup>-1</sup>) in the organic layer between and within the unmanaged Lumes-sites. The black line is the average value of the old measurements: 26200 Kg ha<sup>-1</sup>

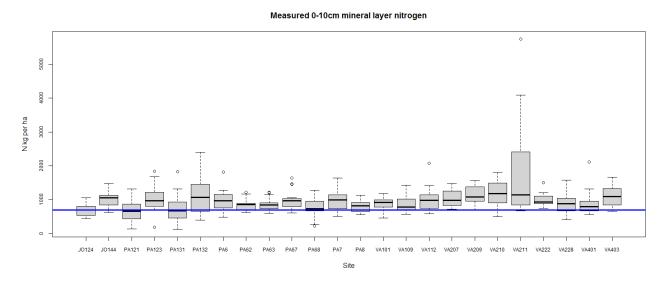


**Figure 5b**. The variation of soil carbon (kg ha<sup>-1</sup>) in the top mineral soil layer between and within the unmanaged Lumes-sites. The black line is the average value of the old measurements: 18500 Kg ha<sup>-1</sup>

## Measured organic layer nitrogen



**Figure 5c.** The variation of soil nitrogen (kg ha<sup>-1</sup>) in the organic layer between and within the unmanaged Lumes-sites. The blue line is the average value of the old measurements: 781 Kg ha<sup>-1</sup>



**Figure 5d.** The variation of soil nitrogen (kg ha<sup>-1</sup>) in the top mineral soil layer between and within the unmanaged Lumes-sites. The blue line is the average value of the old measurements: 689 Kg ha<sup>-1</sup>