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Modelling impacts of ozone on gross primary production across European forest ecosystems using JULES

Inês Vieira et al.

Correspondence to: Inês Vieira (ines.dossantosvieira@ugent.be)

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Supplementary Information

Table S1: Lower and upper bounds used during optimisation for all physiological and ozone-specific parameters optimised in the JULES model.

Parameter	Name	Unit	Lower Bound	Upper Bound
g_1	Sensitivity of the stomatal conductance to the assimilation rate	$kPa^{0.5}$	1.0	8.0
J_{max}:V_{cmax}	Ratio of Jmax to Vcmax at 25 deg C	-	0.1	2.50
i_v	Intercept of the linear relationship between Vcmax and Na	μmol CO2 m^{-2} s^{-1}	0.0	8.0
s_v	Slope of the linear relationship between Vcmax and Na	μmol CO2 gN^{-1} s^{-1}	12.0	35.0
p_0	The threshold at which the plant starts to experience water stress	-	0.0	1.0
$FO3_{crit}$	Critical flux of O_3 to vegetation	nmol m^{-2} s^{-1}	0.0	3.0
a	PFT-specific O_3 sensitivity parameter	$nmol^{-1}$ m^2 s	0.0	3.0