## *New Phytologist* Supporting Information

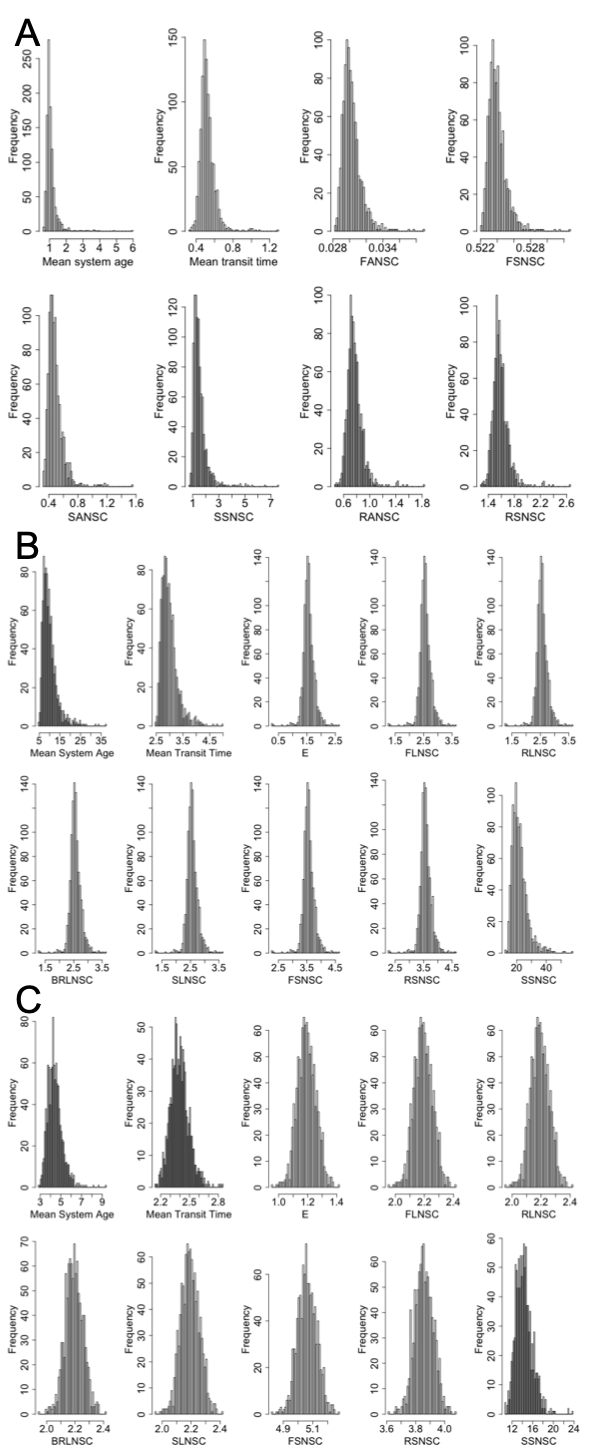
Article title: **Non-structural carbon ages and transit times provide insights in carbon allocation dynamics of mature trees.**

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The following Supporting Information is available for this article:

**Fig. S1** Uncertainties associated with the model parameters that had the largest influence in the NSC mean age and mean transit time per species A) *P. halepensis*, B) *A. rubrum*, and C) *P. taeda*. It is shown the uncertainty as a density distribution of the mean age and the transit time of the NSC of the tree. The uncertainties associated with the mean ages of the individual tree pools are also shown per tree species. This density distributions are the results of 1000 Monte Carlo simulations, where each simulation was calculated with different combinations of the model parameter values. The parameter values were chosen randomly from the parameter space.

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