

Lohmander, P., Four papers (First author of one paper and coauthor of three other papers) in:  
Fagerberg, N., Individual-tree-selection in uneven-sized Norway spruce stands in southern Sweden  
Developments of tools for simulation and optimization, Linnaeus University Dissertations, No  
467/2022. <http://lnu.diva-portal.org/smash/get/diva2:1701430/FULLTEXT01.pdf>

### **List of appended papers**

#### **Paper I**

Fagerberg, N., Lohmander, P., Eriksson, O., Olsson, J.-O., Poudel, B.C. and Bergh, J. 2022 Evaluation of individual-tree growth models for *Picea abies* based on a case study of an uneven-sized stand in southern Sweden. *Scandinavian Journal of Forest Research*, 37 (1), 45-58.  
<https://doi.org/10.1080/02827581.2022.2037700>

#### **Paper II**

Fagerberg, N., Olsson, J.-O., Lohmander, P., Andersson, M. and Bergh, J. 2022 Individual-tree distance-dependent growth models for uneven-sized Norway spruce. *Forestry: An International Journal of Forest Research*, 1-13. <https://doi.org/10.1093/forestry/cpac017>

#### **Paper III**

Lohmander, P. & Fagerberg, N. 2022 Statistics and Mathematics of General Control Function Optimization for Continuous Cover Forestry, with a Swedish Case Study based on *Picea abies*. *Asian Journal of Statistical Sciences*. 2 (1), 1- 35.  
[https://www.arfjournals.com/image/catalog/Journals%20Papers/AJSS/2022/No%201%20\(2022\)/1.%20AJSS\\_01-35.pdf](https://www.arfjournals.com/image/catalog/Journals%20Papers/AJSS/2022/No%201%20(2022)/1.%20AJSS_01-35.pdf)

#### **Paper IV**

Fagerberg, N., Seifert, S., Seifert, T., Lohmander, P., Alissandrakis, A., Magnusson, B., Bergh, J., Adamopoulos, S. and Bader, M. A model framework for prediction of knot size in uneven-sized Norway spruce. Manuscript.