

Männistö E., Jetsonen J., Peltola H., Rouvinen T., Launiainen S., Laurén A., Palviainen M. (2026). Short-term impacts of nitrogen fertilization on the cover of vascular plant and bryophyte species in boreal Scots pine and Norway spruce stands. *Silva Fennica* vol. 60 no. 2 article id 25052. <https://doi.org/10.14214/sf.25052>

Supplementary file S11

Pairwise comparisons of the multivariate homogeneity of the ground vegetation species community dispersions in fertilized (F) and unfertilized (NoF) subplots over the three study years (2019, 2021, 2022) in the Norway spruce stands. The observed p values are presented below the diagonal and the permuted p values above the diagonal. Statistically significant results are shown in bold text ($p \leq 0.05$).

	F_2019	F_2021	F_2022	NoF_2019	NoF_2021	NoF_2022
F_2019		0.001	0.001	0.004	0.003	0.025
F_2021	<0.000		0.707	0.509	0.733	0.35
F_2022	<0.000	0.720		0.345	0.578	0.231
NoF_2019	0.006	0.505	0.343		0.83	0.77
NoF_2021	0.004	0.755	0.562	0.793		0.633
NoF_2022	0.032	0.342	0.230	0.769	0.616	