

Random draw of the sequence of harvest treatments

2025-03-04

Appendix 3

Table S3: Overview of harvest treatment across the three-year experiment for each included study unit. The experiment is based on a complete crossover design, where each study unit is subject to a sequence of three different harvest treatments. Because there are three different harvest levels for each species, there is a total of six unique sequences for willow ptarmigan and forest grouse, respectively. Prior to making the random draws, the study units were first sorted by latitude, and grouped into groups of six units. This was done separately for willow ptarmigan and forest grouse units. Then, a set of the six unique sequences were generated, and random draws of treatment sequences were made without replacement within each group. This was done to ensure balance between northern and southern parts of the study area in terms of the relative frequency of treatment sequences.

Experimental unit	Species	Sequence of harvest treatments	Group
Gjerstad2_E_FG	forest grouse	20-10-0	1
Gjerstad1_E_FG	forest grouse	0-20-10	1
Sølvverket2_E_FG	forest grouse	10-0-20	1
Sølvverket1_E_FG	forest grouse	0-10-20	1
Finnemarka2_E_FG	forest grouse	10-20-0	1
Finnemarka1_E_FG	forest grouse	20-0-10	1
Varaldskogen1_E_FG	forest grouse	10-0-20	2
Varaldskogen2_Særkilampi_E_FG	forest grouse	0-20-10	2
Meitsjøen2_E_FG	forest grouse	10-20-0	2
Meitsjøen1_E_FG	forest grouse	20-10-0	2
Løten_E_FG	forest grouse	20-0-10	2
Gravberget6_E_FG	forest grouse	0-10-20	2
Gravberget5_E_FG	forest grouse	0-20-10	3
Gravberget4_E_FG	forest grouse	10-0-20	3
Gravberget3_E_FG	forest grouse	20-10-0	3
Gravberget2_E_FG	forest grouse	20-0-10	3
Gravberget1_E_FG	forest grouse	10-20-0	3
Ljørdalen_Drevja_E_FG	forest grouse	0-10-20	3
Rendalen1_E_FG	forest grouse	20-10-0	4
Rendalen3_E_FG	forest grouse	10-0-20	4
Rendalen2_E_FG	forest grouse	0-10-20	4

Orkland_E_FG	forest grouse	0-20-10	4
Malvik2_E_FG	forest grouse	20-0-10	4
Meråker_Dalavola_E_FG	forest grouse	10-20-0	4
Malvik1_E_FG	forest grouse	20-10-0	5
Bangdalen1_E_FG	forest grouse	10-20-0	5
Bangdalen2_E_FG	forest grouse	0-20-10	5
Namsskogan1_E_FG	forest grouse	10-0-20	5
Gran19_E_FG	forest grouse	20-0-10	5
Hemn3_E_FG	forest grouse	0-10-20	5
Njardarheim_E_WP	willow ptarmigan	0-30-15	1
Ljørdalen_Drevfjellet_E_WP	willow ptarmigan	30-0-15	1
Drivstua_Sør_E_WP	willow ptarmigan	15-30-0	1
Røros_Flensmarka_E_WP	willow ptarmigan	30-15-0	1
Drivstua_N_E_WP	willow ptarmigan	15-0-30	1
Røros_Vestre_E_WP	willow ptarmigan	0-15-30	1
Meråker3_E_WP	willow ptarmigan	15-30-0	2
Meråker2_E_WP	willow ptarmigan	15-0-30	2
Meråker1_E_WP	willow ptarmigan	0-15-30	2
Meråker6_E_WP	willow ptarmigan	0-30-15	2
Meråker5_E_WP	willow ptarmigan	30-15-0	2
Meråker4_E_WP	willow ptarmigan	30-0-15	2
Namsskogan2_E_WP	willow ptarmigan	15-0-30	3
Hatt4_E_WP	willow ptarmigan	0-30-15	3
Gran20_E_WP	willow ptarmigan	0-15-30	3
Hatt2_E_WP	willow ptarmigan	30-0-15	3
Hemn11_E_WP	willow ptarmigan	30-15-0	3
HemnKj_E_WP	willow ptarmigan	15-30-0	3
Ran3_E_WP	willow ptarmigan	30-15-0	4
Ran2_E_WP	willow ptarmigan	15-0-30	4
Ran9_E_WP	willow ptarmigan	0-15-30	4
Ran10_E_WP	willow ptarmigan	0-30-15	4
Salt3_E_WP	willow ptarmigan	30-0-15	4
Salt4_E_WP	willow ptarmigan	15-30-0	4
Salt2_E_WP	willow ptarmigan	0-30-15	5
Salt1_E_WP	willow ptarmigan	30-0-15	5
Salt5_E_WP	willow ptarmigan	15-0-30	5
Nordalen_E_WP	willow ptarmigan	15-30-0	5
Skånland_Øst_E_WP	willow ptarmigan	0-15-30	5
Altevatnet_E_WP	willow ptarmigan	30-15-0	5

Bangfjellet_Dividalen_E_WP	willow ptarmigan	0-15-30	6
Helligskogen_E_WP	willow ptarmigan	15-0-30	6
Senja_Svandalen_E_WP	willow ptarmigan	30-15-0	6
Reisavann_E_WP	willow ptarmigan	15-30-0	6