

Supplement 1

The Shapiro-Wilk test

The Shapiro-Wilk tests the null hypothesis that a sample x_1, \dots, x_n came from a normally distributed population. The test statistic is

$$W = \frac{(\sum_{i=1}^n a_i x_{(i)})^2}{\sum_{i=1}^n (x_i - \bar{x})^2}$$

where

$x_{(i)}$ (with parentheses enclosing the subscript index i ; not to be confused with x_i) is the i th order statistic, i.e., the i th-smallest number in the sample;

$\bar{x} = (x_1 + \dots + x_n) / n$ is the sample mean;

The constants a_i are given by

$$(a_1, \dots, a_n) = \frac{m^T V^{-1}}{(m^T V^{-1} V^{-1} m)^{1/2}} \quad [1]$$

Where

$$m = (m_1, \dots, m_n)^T$$

and m_1, \dots, m_n are the expected values of the order statistics of independent and identically distributed random variables sampled from the standard normal distribution, and V is the covariance matrix of those order statistics.

Levene's homoscedasticity test

In statistics, Levene's test is an inferential statistic used to assess the equality of variances for a variable calculated for two or more groups [2].

The test statistic, W , is defined as follows:

$$W = \frac{(N - K) \sum_{i=1}^k N_i (Z_i - Z_{..})^2}{(k - 1) \sum_{i=1}^k \sum_{j=1}^{N_i} (Z_{ij} - Z_i)^2}$$

where

k is the number of different groups to which the sampled cases belong,

N_i is the number of cases in the i th group,

N is the total number of cases in all groups,

Y_{ij} is the value of the measured variable for the j th case from the i th group,

$$Z_{ij} = \begin{cases} |Y_{ij} - \bar{Y}_i|, & Y_i \text{ is a mean of the } i\text{-th group,} \\ |Y_{ij} - \tilde{Y}_i|, & \tilde{Y}_i \text{ is a median of the } i\text{-th group,} \end{cases}$$

$$Z_i = \frac{1}{N_i} \sum_{j=1}^{N_i} Z_{ij} \text{ is the mean of the } Z_{ij} \text{ for group } i,$$

$$Z_{..} = \frac{1}{N} \sum_{i=1}^k \sum_{j=1}^{N_i} Z_{ij} \text{ is the mean of all } Z_{ij}.$$

The test statistic W is approximately F-distributed with $k - 1$ with $N - k$ degrees of freedom, and hence is the significance of the outcome α of W tested against $F(\alpha, k - 1, N - k)$ where F is a quantile of the F-distribution, with $k - 1$ and $N - k$ degrees of freedom, and α is the chosen level of significance (usually 0.05 or 0.01).

Duncan's multiple range test

Assumptions:

1. A sample of observed means m_1, m_2, \dots, m_M , which have been drawn independently from n normal populations with "true" means, μ, μ_2, \dots, μ_n respectively[3].
2. A common standard error σ . This standard error is unknown, but there is available the usual estimate s_m , which is independent of the observed means and is based on a number of degrees of freedom, denoted by n_2 . (More precisely, s_m has the property that $\frac{n_2 \cdot s_m^2}{\sigma_m^2}$ is distributed as χ^2 with n_2 degrees of freedom, independently of sample means).

The exact definition of the test is:

The difference between any two means in a set of n means is significant provided the range of each and every subset which contains the given means is significant according to an α_p level range test where $\alpha_p = 1 - \gamma_p$, $\gamma_p = (1 - \alpha)^{p-1}$ and p is the number of means in the subset concerned.

Exception: The sole exception to this rule is that no difference between two means can be declared significant if the two means concerned are both contained in a subset of the means which has a non-significant range.

1. Shapiro, S. S.; Wilk, M. B. An analysis of variance test for normality (complete samples). *Biometrika* **1965**, *52*, (3-4), 591-611. doi:10.1093/biomet/52.3-4.591.
2. Levene, H. *Robust tests for equality of variances*. In Ingram Olkin; Harold Hotelling; et al., 1960. *Contributions to Probability and Statistics: Essays in Honor of Harold Hotelling*. Stanford University Press. p 278-292.
3. Duncan, D. B. Multiple range and multiple F tests. *Biometrics* **1955**, *11*: 1-42. doi:10.2307/3001478.

Supplement 2

Site	Plot	Sub-plot	Depth	Dominant tree	Fire severity	Slope position	Aspect	Bulk density (g/m ³)	BC concentration (mg/g)
1	1	1	1	<i>Larix gmelinii.</i>	High	Lower	Shady	1.373	0.5751
1	1	1	2	<i>Larix gmelinii.</i>	High	Lower	Shady	1.301	0.5169
1	1	1	3	<i>Larix gmelinii.</i>	High	Lower	Shady	1.612	0.6069
1	1	1	4	<i>Larix gmelinii.</i>	High	Lower	Shady	1.547	0.5448
1	1	2	1	<i>Larix gmelinii.</i>	High	Lower	Shady	0.976	0.5824
1	1	2	2	<i>Larix gmelinii.</i>	High	Lower	Shady	1.179	0.9821
1	1	2	3	<i>Larix gmelinii.</i>	High	Lower	Shady	1.442	3.0803
1	1	2	4	<i>Larix gmelinii.</i>	High	Lower	Shady	1.662	0.5540
1	1	3	1	<i>Larix gmelinii.</i>	High	Lower	Shady	0.282	1.6894
1	1	3	2	<i>Larix gmelinii.</i>	High	Lower	Shady	1.11	0.6483
1	1	3	3	<i>Larix gmelinii.</i>	High	Lower	Shady	1.267	0.7098
1	1	3	4	<i>Larix gmelinii.</i>	High	Lower	Shady	1.457	0.5329
1	2	1	1	<i>Larix gmelinii.</i>	High	Lower	Shady	1.219	0.6526
1	2	1	2	<i>Larix gmelinii.</i>	High	Lower	Shady	1.294	0.5955
1	2	1	3	<i>Larix gmelinii.</i>	High	Lower	Shady	1.291	0.6005
1	2	1	4	<i>Larix gmelinii.</i>	High	Lower	Shady	1.333	0.5894
1	2	2	1	<i>Larix gmelinii.</i>	High	Lower	Shady	1.034	0.8817
1	2	2	2	<i>Larix gmelinii.</i>	High	Lower	Shady	1.126	0.8143
1	2	2	3	<i>Larix gmelinii.</i>	High	Lower	Shady	1.315	0.8326
1	2	2	4	<i>Larix gmelinii.</i>	High	Lower	Shady	1.342	0.6963
1	2	3	1	<i>Larix gmelinii.</i>	High	Lower	Shady	0.401	1.7443
1	2	3	2	<i>Larix gmelinii.</i>	High	Lower	Shady	0.724	1.3473
1	2	3	3	<i>Larix gmelinii.</i>	High	Lower	Shady	1.288	0.5051
1	3	1	1	<i>Larix gmelinii.</i>	High	Lower	Shady	0.467	3.9506
1	3	1	2	<i>Larix gmelinii.</i>	High	Lower	Shady	0.705	2.0332
1	3	1	3	<i>Larix gmelinii.</i>	High	Lower	Shady	1.277	1.3428
1	3	2	1	<i>Larix gmelinii.</i>	High	Lower	Shady	0.759	1.7765
1	3	2	2	<i>Larix gmelinii.</i>	High	Lower	Shady	1.462	0.7286
1	3	2	3	<i>Larix gmelinii.</i>	High	Lower	Shady	1.605	0.6598
1	3	2	4	<i>Larix gmelinii.</i>	High	Lower	Shady	1.39	0.6361
1	3	3	1	<i>Larix gmelinii.</i>	High	Lower	Shady	0.844	1.0862
1	3	3	2	<i>Larix gmelinii.</i>	High	Lower	Shady	0.92	1.1832
2	1	1	1	<i>Betula platyphylla</i>	High	Lower	Shady	0.4	3.7376
2	1	1	2	<i>Betula platyphylla</i>	High	Lower	Shady	1.135	1.1586
2	1	1	3	<i>Betula platyphylla</i>	High	Lower	Shady	1.443	0.8233
2	1	1	4	<i>Betula platyphylla</i>	High	Lower	Shady	1.405	0.8638
2	1	2	1	<i>Betula platyphylla</i>	High	Lower	Shady	0.173	9.1583
2	1	2	2	<i>Betula platyphylla</i>	High	Lower	Shady	0.608	2.7330
2	1	2	3	<i>Betula platyphylla</i>	High	Lower	Shady	0.862	1.3425
2	1	3	1	<i>Betula platyphylla</i>	High	Lower	Shady	0.45	4.4097
2	1	3	2	<i>Betula platyphylla</i>	High	Lower	Shady	0.544	5.3183
2	1	3	3	<i>Betula platyphylla</i>	High	Lower	Shady	0.643	1.8334
2	1	3	4	<i>Betula platyphylla</i>	High	Lower	Shady	1.464	0.6285
2	2	1	1	<i>Betula platyphylla</i>	High	Lower	Shady	0.658	2.3019
2	2	1	2	<i>Betula platyphylla</i>	High	Lower	Shady	1.089	0.8492

2	2	1	3	<i>Betula platyphylla</i>	High	Lower	Shady	1.658	0.5345
2	2	1	4	<i>Betula platyphylla</i>	High	Lower	Shady	1.507	0.5632
2	2	2	1	<i>Betula platyphylla</i>	High	Lower	Shady	0.478	1.7927
2	2	2	2	<i>Betula platyphylla</i>	High	Lower	Shady	0.949	1.0776
2	2	2	3	<i>Betula platyphylla</i>	High	Lower	Shady	1.43	0.5599
2	2	2	4	<i>Betula platyphylla</i>	High	Lower	Shady	1.743	0.5708
2	2	3	1	<i>Betula platyphylla</i>	High	Lower	Shady	0.577	1.7828
2	2	3	2	<i>Betula platyphylla</i>	High	Lower	Shady	0.886	1.0016
2	2	3	3	<i>Betula platyphylla</i>	High	Lower	Shady	1.451	0.6938
2	2	3	4	<i>Betula platyphylla</i>	High	Lower	Shady	1.261	0.4861
2	3	1	1	<i>Betula platyphylla</i>	High	Lower	Shady	0.667	1.5602
2	3	1	2	<i>Betula platyphylla</i>	High	Lower	Shady	0.935	1.4156
2	3	1	3	<i>Betula platyphylla</i>	High	Lower	Shady	1.105	0.8850
2	3	1	4	<i>Betula platyphylla</i>	High	Lower	Shady	1.709	0.5166
2	3	2	1	<i>Betula platyphylla</i>	High	Lower	Shady	0.944	0.8429
2	3	2	2	<i>Betula platyphylla</i>	High	Lower	Shady	1.036	1.0778
2	3	2	3	<i>Betula platyphylla</i>	High	Lower	Shady	0.988	0.7609
2	3	2	4	<i>Betula platyphylla</i>	High	Lower	Shady	1.371	0.5229
2	3	3	1	<i>Betula platyphylla</i>	High	Lower	Shady	0.583	1.0128
2	3	3	2	<i>Betula platyphylla</i>	High	Lower	Shady	1.02	0.7218
2	3	3	3	<i>Betula platyphylla</i>	High	Lower	Shady	1.35	0.5724
2	3	3	4	<i>Betula platyphylla</i>	High	Lower	Shady	1.637	0.5659
3	1	1	1	<i>Larix gmelinii.</i>	Unburned	Flat	Flat	0.857	1.0061
3	1	1	2	<i>Larix gmelinii.</i>	Unburned	Flat	Flat	1.443	1.6997
3	1	1	3	<i>Larix gmelinii.</i>	Unburned	Flat	Flat	1.423	0.7224
3	1	1	4	<i>Larix gmelinii.</i>	Unburned	Flat	Flat	1.315	0.7589
3	1	2	1	<i>Larix gmelinii.</i>	Unburned	Flat	Flat	0.74	1.7092
3	1	2	2	<i>Larix gmelinii.</i>	Unburned	Flat	Flat	1.24	0.9893
3	1	2	3	<i>Larix gmelinii.</i>	Unburned	Flat	Flat	1.507	0.6551
3	1	2	4	<i>Larix gmelinii.</i>	Unburned	Flat	Flat	1.68	0.5997
3	1	3	1	<i>Larix gmelinii.</i>	Unburned	Flat	Flat	1.037	0.8047
3	1	3	2	<i>Larix gmelinii.</i>	Unburned	Flat	Flat	1.605	0.7177
3	1	3	3	<i>Larix gmelinii.</i>	Unburned	Flat	Flat	1.529	0.5350
3	1	3	4	<i>Larix gmelinii.</i>	Unburned	Flat	Flat	1.569	0.6471
3	2	1	1	<i>Larix gmelinii.</i>	Unburned	Flat	Flat	0.785	1.9946
3	2	1	2	<i>Larix gmelinii.</i>	Unburned	Flat	Flat	1.299	1.0059
3	2	1	3	<i>Larix gmelinii.</i>	Unburned	Flat	Flat	1.539	0.7637
3	2	1	4	<i>Larix gmelinii.</i>	Unburned	Flat	Flat	1.463	1.0793
3	2	2	1	<i>Larix gmelinii.</i>	Unburned	Flat	Flat	1.046	1.2384
3	2	2	2	<i>Larix gmelinii.</i>	Unburned	Flat	Flat	1.321	0.7816
3	2	2	3	<i>Larix gmelinii.</i>	Unburned	Flat	Flat	1.444	0.8989
3	2	2	4	<i>Larix gmelinii.</i>	Unburned	Flat	Flat	1.288	0.9003
3	2	3	1	<i>Larix gmelinii.</i>	Unburned	Flat	Flat	0.638	3.7244
3	2	3	2	<i>Larix gmelinii.</i>	Unburned	Flat	Flat	1.187	2.1696

3	2	3	3	<i>Larix gmelinii.</i>	Unburned	Flat	Flat	0.956	1.2104
3	2	3	4	<i>Larix gmelinii.</i>	Unburned	Flat	Flat	1.103	1.0075
3	3	1	1	<i>Larix gmelinii.</i>	Unburned	Flat	Flat	0.901	2.4083
3	3	1	2	<i>Larix gmelinii.</i>	Unburned	Flat	Flat	1.129	1.4733
3	3	1	3	<i>Larix gmelinii.</i>	Unburned	Flat	Flat	1.129	1.2172
3	3	1	4	<i>Larix gmelinii.</i>	Unburned	Flat	Flat	0.897	1.0754
3	3	2	1	<i>Larix gmelinii.</i>	Unburned	Flat	Flat	0.871	2.6453
3	3	2	2	<i>Larix gmelinii.</i>	Unburned	Flat	Flat	1.153	1.5010
3	3	2	3	<i>Larix gmelinii.</i>	Unburned	Flat	Flat	1.177	1.8347
3	3	2	4	<i>Larix gmelinii.</i>	Unburned	Flat	Flat	1.402	1.1655
3	3	3	1	<i>Larix gmelinii.</i>	Unburned	Flat	Flat	0.88	3.7512
3	3	3	2	<i>Larix gmelinii.</i>	Unburned	Flat	Flat	1.463	1.2000
3	3	3	3	<i>Larix gmelinii.</i>	Unburned	Flat	Flat	1.329	0.9574
3	3	3	4	<i>Larix gmelinii.</i>	Unburned	Flat	Flat	1.34	1.0133
4	1	1	1	<i>Populus davidiana</i>	High	Upper	Sunny	0.46	0.8180
4	1	1	2	<i>Populus davidiana</i>	High	Upper	Sunny	0.732	1.4009
4	1	2	1	<i>Populus davidiana</i>	High	Upper	Sunny	0.517	2.1803
4	1	2	2	<i>Populus davidiana</i>	High	Upper	Sunny	0.77	0.7598
4	1	3	1	<i>Populus davidiana</i>	High	Upper	Sunny	0.655	2.1405
4	1	3	2	<i>Populus davidiana</i>	High	Upper	Sunny	0.762	1.2508
4	1	3	3	<i>Populus davidiana</i>	High	Upper	Sunny	1.071	0.6376
4	2	1	1	<i>Populus davidiana</i>	High	Upper	Sunny	0.583	1.2858
4	2	1	2	<i>Populus davidiana</i>	High	Upper	Sunny	1.089	0.8618
4	2	1	3	<i>Populus davidiana</i>	High	Upper	Sunny	0.99	0.8593
4	2	2	1	<i>Populus davidiana</i>	High	Upper	Sunny	0.527	1.0874
4	2	2	2	<i>Populus davidiana</i>	High	Upper	Sunny	1.391	0.4626
4	2	2	3	<i>Populus davidiana</i>	High	Upper	Sunny	1.014	0.5831
4	2	3	1	<i>Populus davidiana</i>	High	Upper	Sunny	0.991	0.8337
4	2	3	2	<i>Populus davidiana</i>	High	Upper	Sunny	1.311	0.5350
4	2	3	3	<i>Populus davidiana</i>	High	Upper	Sunny	1.109	0.6035
4	3	1	1	<i>Populus davidiana</i>	High	Upper	Sunny	0.985	0.7429
4	3	1	2	<i>Populus davidiana</i>	High	Upper	Sunny	1.282	0.6234
4	3	1	3	<i>Populus davidiana</i>	High	Upper	Sunny	1.545	0.5780
4	3	1	4	<i>Populus davidiana</i>	High	Upper	Sunny	1.51	0.5271
4	3	2	1	<i>Populus davidiana</i>	High	Upper	Sunny	0.666	0.8057
4	3	2	2	<i>Populus davidiana</i>	High	Upper	Sunny	1.285	0.7212
4	3	2	3	<i>Populus davidiana</i>	High	Upper	Sunny	0.831	1.6031
4	3	2	4	<i>Populus davidiana</i>	High	Upper	Sunny	1.175	0.7303
4	3	3	1	<i>Populus davidiana</i>	High	Upper	Sunny	0.777	3.6596
4	3	3	2	<i>Populus davidiana</i>	High	Upper	Sunny	1.176	1.7902
4	3	3	3	<i>Populus davidiana</i>	High	Upper	Sunny	1.297	1.1831
4	3	3	4	<i>Populus davidiana</i>	High	Upper	Sunny	1.242	0.9984
5	1	1	1	<i>Pinus sylvestris var. mongolica.</i>	Low	Middle	Sunny	1.011	1.1692
5	1	1	2	<i>Pinus sylvestris var. mongolica.</i>	Low	Middle	Sunny	1.217	1.1116

5	1	1	3	<i>Pinus sylvestris var. mongolica.</i>	Low	Middle	Sunny	1.39	0.7009
5	1	1	4	<i>Pinus sylvestris var. mongolica.</i>	Low	Middle	Sunny	1.293	0.8371
5	1	2	1	<i>Pinus sylvestris var. mongolica.</i>	Low	Middle	Sunny	0.901	1.6325
5	1	2	2	<i>Pinus sylvestris var. mongolica.</i>	Low	Middle	Sunny	0.934	1.1978
5	1	2	3	<i>Pinus sylvestris var. mongolica.</i>	Low	Middle	Sunny	1.115	0.8481
5	1	2	4	<i>Pinus sylvestris var. mongolica.</i>	Low	Middle	Sunny	1.145	0.9531
5	1	3	1	<i>Pinus sylvestris var. mongolica.</i>	Low	Middle	Sunny	0.591	1.5630
5	1	3	2	<i>Pinus sylvestris var. mongolica.</i>	Low	Middle	Sunny	0.623	1.5194
5	1	3	3	<i>Pinus sylvestris var. mongolica.</i>	Low	Middle	Sunny	1.008	0.8218
5	2	1	1	<i>Pinus sylvestris var. mongolica.</i>	Low	Middle	Sunny	0.958	1.0491
5	2	1	2	<i>Pinus sylvestris var. mongolica.</i>	Low	Middle	Sunny	0.842	0.8974
5	2	1	3	<i>Pinus sylvestris var. mongolica.</i>	Low	Middle	Sunny	1.424	0.7237
5	2	2	1	<i>Pinus sylvestris var. mongolica.</i>	Low	Middle	Sunny	0.586	1.3365
5	2	2	2	<i>Pinus sylvestris var. mongolica.</i>	Low	Middle	Sunny	0.819	1.3493
5	2	3	1	<i>Pinus sylvestris var. mongolica.</i>	Low	Middle	Sunny	0.608	0.6648
5	3	1	1	<i>Pinus sylvestris var. mongolica.</i>	Low	Middle	Sunny	0.668	0.7530
5	3	1	2	<i>Pinus sylvestris var. mongolica.</i>	Low	Middle	Sunny	1.071	0.8892
5	3	1	3	<i>Pinus sylvestris var. mongolica.</i>	Low	Middle	Sunny	1.346	0.7891
5	3	2	1	<i>Pinus sylvestris var. mongolica.</i>	Low	Middle	Sunny	1.034	0.8773
5	3	2	2	<i>Pinus sylvestris var. mongolica.</i>	Low	Middle	Sunny	1.23	0.6804
5	3	2	3	<i>Pinus sylvestris var. mongolica.</i>	Low	Middle	Sunny	1.013	0.6437
5	3	3	1	<i>Pinus sylvestris var. mongolica.</i>	Low	Middle	Sunny	0.603	2.1563
5	3	3	2	<i>Pinus sylvestris var. mongolica.</i>	Low	Middle	Sunny	0.881	1.5546
5	3	3	3	<i>Pinus sylvestris var. mongolica.</i>	Low	Middle	Sunny	1.102	0.6000
6	1	1	1	<i>Pinus sylvestris var. mongolica.</i>	Low	Lower	Sunny	0.833	1.5245
6	1	1	2	<i>Pinus sylvestris var. mongolica.</i>	Low	Lower	Sunny	1.326	0.7038
6	1	1	3	<i>Pinus sylvestris var. mongolica.</i>	Low	Lower	Sunny	1.302	0.4451
6	1	1	4	<i>Pinus sylvestris var. mongolica.</i>	Low	Lower	Sunny	1.446	0.5301
6	1	2	1	<i>Pinus sylvestris var. mongolica.</i>	Low	Lower	Sunny	1.073	0.8471
6	1	2	2	<i>Pinus sylvestris var. mongolica.</i>	Low	Lower	Sunny	1.278	0.7624
6	1	2	3	<i>Pinus sylvestris var. mongolica.</i>	Low	Lower	Sunny	1.533	0.6855
6	1	2	4	<i>Pinus sylvestris var. mongolica.</i>	Low	Lower	Sunny	1.675	0.7388
6	1	3	1	<i>Pinus sylvestris var. mongolica.</i>	Low	Lower	Sunny	1.026	0.8400
6	1	3	2	<i>Pinus sylvestris var. mongolica.</i>	Low	Lower	Sunny	1.286	0.7737
6	1	3	3	<i>Pinus sylvestris var. mongolica.</i>	Low	Lower	Sunny	1.375	0.7736
6	1	3	4	<i>Pinus sylvestris var. mongolica.</i>	Low	Lower	Sunny	1.339	0.2999
6	2	1	1	<i>Pinus sylvestris var. mongolica.</i>	Low	Lower	Sunny	0.942	0.5520
6	2	1	2	<i>Pinus sylvestris var. mongolica.</i>	Low	Lower	Sunny	1.368	0.8489
6	2	1	3	<i>Pinus sylvestris var. mongolica.</i>	Low	Lower	Sunny	1.184	0.4937
6	2	1	4	<i>Pinus sylvestris var. mongolica.</i>	Low	Lower	Sunny	1.373	0.4295
6	2	2	1	<i>Pinus sylvestris var. mongolica.</i>	Low	Lower	Sunny	0.891	0.8886
6	2	2	2	<i>Pinus sylvestris var. mongolica.</i>	Low	Lower	Sunny	1.122	0.7627
6	2	2	3	<i>Pinus sylvestris var. mongolica.</i>	Low	Lower	Sunny	1.032	0.7278
6	2	2	4	<i>Pinus sylvestris var. mongolica.</i>	Low	Lower	Sunny	1.58	0.5433

6	2	3	1	<i>Pinus sylvestris var. mongolica.</i>	Low	Lower	Sunny	1.444	0.4933
6	2	3	2	<i>Pinus sylvestris var. mongolica.</i>	Low	Lower	Sunny	1.206	0.4311
6	3	1	1	<i>Pinus sylvestris var. mongolica.</i>	Low	Lower	Sunny	1.276	0.8600
6	3	1	2	<i>Pinus sylvestris var. mongolica.</i>	Low	Lower	Sunny	1.611	0.5243
6	3	1	3	<i>Pinus sylvestris var. mongolica.</i>	Low	Lower	Sunny	1.595	0.1371
6	3	1	4	<i>Pinus sylvestris var. mongolica.</i>	Low	Lower	Sunny	1.113	0.3460
6	3	2	1	<i>Pinus sylvestris var. mongolica.</i>	Low	Lower	Sunny	0.621	1.9924
6	3	2	2	<i>Pinus sylvestris var. mongolica.</i>	Low	Lower	Sunny	0.728	1.8380
6	3	2	3	<i>Pinus sylvestris var. mongolica.</i>	Low	Lower	Sunny	0.881	1.0339
6	3	3	1	<i>Pinus sylvestris var. mongolica.</i>	Low	Lower	Sunny	1.151	4.5783
6	3	3	2	<i>Pinus sylvestris var. mongolica.</i>	Low	Lower	Sunny	1.585	0.5465
6	3	3	3	<i>Pinus sylvestris var. mongolica.</i>	Low	Lower	Sunny	1.614	0.4378
6	3	3	4	<i>Pinus sylvestris var. mongolica.</i>	Low	Lower	Sunny	1.317	0.8743
7	1	1	1	<i>Larix gmelinii.</i>	Unburned	Middle	Shady	0.76	1.0160
7	1	1	2	<i>Larix gmelinii.</i>	Unburned	Middle	Shady	0.749	1.5367
7	1	1	3	<i>Larix gmelinii.</i>	Unburned	Middle	Shady	1.399	0.4403
7	1	1	4	<i>Larix gmelinii.</i>	Unburned	Middle	Shady	1.535	0.4160
7	1	2	1	<i>Larix gmelinii.</i>	Unburned	Middle	Shady	0.886	1.0242
7	1	2	2	<i>Larix gmelinii.</i>	Unburned	Middle	Shady	1.028	0.5661
7	1	2	3	<i>Larix gmelinii.</i>	Unburned	Middle	Shady	1.305	0.5699
7	1	2	4	<i>Larix gmelinii.</i>	Unburned	Middle	Shady	1.187	0.3928
7	1	3	1	<i>Larix gmelinii.</i>	Unburned	Middle	Shady	0.789	0.8166
7	1	3	2	<i>Larix gmelinii.</i>	Unburned	Middle	Shady	1.498	0.9257
7	1	3	3	<i>Larix gmelinii.</i>	Unburned	Middle	Shady	1.376	0.7925
7	1	3	4	<i>Larix gmelinii.</i>	Unburned	Middle	Shady	1.606	0.8000
7	2	1	1	<i>Larix gmelinii.</i>	Unburned	Middle	Shady	0.71	1.2578
7	2	1	2	<i>Larix gmelinii.</i>	Unburned	Middle	Shady	1.06	1.1283
7	2	1	3	<i>Larix gmelinii.</i>	Unburned	Middle	Shady	1.51	0.4443
7	2	1	4	<i>Larix gmelinii.</i>	Unburned	Middle	Shady	1.209	0.6579
7	2	2	1	<i>Larix gmelinii.</i>	Unburned	Middle	Shady	0.685	1.1772
7	2	2	2	<i>Larix gmelinii.</i>	Unburned	Middle	Shady	0.913	0.9655
7	2	2	3	<i>Larix gmelinii.</i>	Unburned	Middle	Shady	1.295	1.8463
7	2	2	4	<i>Larix gmelinii.</i>	Unburned	Middle	Shady	1.305	0.5249
7	2	3	1	<i>Larix gmelinii.</i>	Unburned	Middle	Shady	0.688	1.9370
7	2	3	2	<i>Larix gmelinii.</i>	Unburned	Middle	Shady	1.317	0.8035
7	2	3	3	<i>Larix gmelinii.</i>	Unburned	Middle	Shady	0.998	1.1479
7	3	1	1	<i>Larix gmelinii.</i>	Unburned	Middle	Shady	0.641	15.3326
7	3	1	2	<i>Larix gmelinii.</i>	Unburned	Middle	Shady	0.808	7.7192
7	3	1	3	<i>Larix gmelinii.</i>	Unburned	Middle	Shady	1.025	1.3464
7	3	1	4	<i>Larix gmelinii.</i>	Unburned	Middle	Shady	1.198	1.2381
7	3	2	1	<i>Larix gmelinii.</i>	Unburned	Middle	Shady	0.741	2.4952
7	3	2	2	<i>Larix gmelinii.</i>	Unburned	Middle	Shady	0.966	3.7461
7	3	2	3	<i>Larix gmelinii.</i>	Unburned	Middle	Shady	1.196	1.6923
7	3	2	4	<i>Larix gmelinii.</i>	Unburned	Middle	Shady	1.258	1.1467

7	3	3	1	<i>Larix gmelinii.</i>	Unburned	Middle	Shady	0.793	2.6663
7	3	3	2	<i>Larix gmelinii.</i>	Unburned	Middle	Shady	1.029	2.2468
7	3	3	3	<i>Larix gmelinii.</i>	Unburned	Middle	Shady	1.151	0.7016
7	3	3	4	<i>Larix gmelinii.</i>	Unburned	Middle	Shady	1.271	0.8266
8	1	1	1	<i>Larix gmelinii.</i>	Unburned	Toe	Shady	0.895	1.6817
8	1	1	2	<i>Larix gmelinii.</i>	Unburned	Toe	Shady	1.383	0.7761
8	1	1	3	<i>Larix gmelinii.</i>	Unburned	Toe	Shady	1.444	1.5414
8	1	1	4	<i>Larix gmelinii.</i>	Unburned	Toe	Shady	1.297	0.3419
8	1	2	1	<i>Larix gmelinii.</i>	Unburned	Toe	Shady	0.482	2.0186
8	1	2	2	<i>Larix gmelinii.</i>	Unburned	Toe	Shady	0.608	1.3680
8	1	2	3	<i>Larix gmelinii.</i>	Unburned	Toe	Shady	0.756	1.3297
8	1	2	4	<i>Larix gmelinii.</i>	Unburned	Toe	Shady	0.753	1.1785
8	1	3	1	<i>Larix gmelinii.</i>	Unburned	Toe	Shady	0.517	1.0859
8	1	3	2	<i>Larix gmelinii.</i>	Unburned	Toe	Shady	1.114	0.6177
8	1	3	3	<i>Larix gmelinii.</i>	Unburned	Toe	Shady	0.981	0.6872
8	1	3	4	<i>Larix gmelinii.</i>	Unburned	Toe	Shady	1.78	0.4358
8	2	1	1	<i>Larix gmelinii.</i>	Unburned	Toe	Shady	0.503	1.9129
8	2	1	2	<i>Larix gmelinii.</i>	Unburned	Toe	Shady	0.797	1.4005
8	2	1	3	<i>Larix gmelinii.</i>	Unburned	Toe	Shady	1.251	0.4796
8	2	1	4	<i>Larix gmelinii.</i>	Unburned	Toe	Shady	1.388	0.5605
8	2	2	1	<i>Larix gmelinii.</i>	Unburned	Toe	Shady	0.378	16.8404
8	2	2	2	<i>Larix gmelinii.</i>	Unburned	Toe	Shady	0.764	12.2391
8	2	2	3	<i>Larix gmelinii.</i>	Unburned	Toe	Shady	1.179	5.6525
8	2	2	4	<i>Larix gmelinii.</i>	Unburned	Toe	Shady	1.369	1.0838
8	2	3	1	<i>Larix gmelinii.</i>	Unburned	Toe	Shady	0.335	6.5047
8	2	3	2	<i>Larix gmelinii.</i>	Unburned	Toe	Shady	1.093	2.9659
8	2	3	3	<i>Larix gmelinii.</i>	Unburned	Toe	Shady	1.135	1.1378
8	3	1	1	<i>Larix gmelinii.</i>	Unburned	Toe	Shady	0.437	3.3086
8	3	1	2	<i>Larix gmelinii.</i>	Unburned	Toe	Shady	0.983	2.3078
8	3	1	3	<i>Larix gmelinii.</i>	Unburned	Toe	Shady	1.442	0.8958
8	3	1	4	<i>Larix gmelinii.</i>	Unburned	Toe	Shady	1.591	0.6113
8	3	2	1	<i>Larix gmelinii.</i>	Unburned	Toe	Shady	0.348	3.0172
8	3	2	2	<i>Larix gmelinii.</i>	Unburned	Toe	Shady	0.762	2.7329
8	3	2	3	<i>Larix gmelinii.</i>	Unburned	Toe	Shady	0.799	1.4942
8	3	2	4	<i>Larix gmelinii.</i>	Unburned	Toe	Shady	0.77	1.3007
8	3	3	1	<i>Larix gmelinii.</i>	Unburned	Toe	Shady	0.953	0.5338
8	3	3	2	<i>Larix gmelinii.</i>	Unburned	Toe	Shady	1.187	1.5017
8	3	3	3	<i>Larix gmelinii.</i>	Unburned	Toe	Shady	1.638	0.6682
8	3	3	4	<i>Larix gmelinii.</i>	Unburned	Toe	Shady	1.354	0.5911
9	1	1	1	<i>Pinus sylvestris var. mongolica.</i>	Unburned	Middle	Sunny	1.009	0.8234
9	1	1	2	<i>Pinus sylvestris var. mongolica.</i>	Unburned	Middle	Sunny	1.349	0.6211
9	1	1	3	<i>Pinus sylvestris var. mongolica.</i>	Unburned	Middle	Sunny	1.269	0.6396
9	1	1	4	<i>Pinus sylvestris var. mongolica.</i>	Unburned	Middle	Sunny	1.28	0.5002
9	1	2	1	<i>Pinus sylvestris var. mongolica.</i>	Unburned	Middle	Sunny	0.918	0.5585

9	1	2	2	<i>Pinus sylvestris var. mongolica.</i>	Unburned	Middle	Sunny	1.405	0.4751
9	1	2	3	<i>Pinus sylvestris var. mongolica.</i>	Unburned	Middle	Sunny	1.547	0.3730
9	1	2	4	<i>Pinus sylvestris var. mongolica.</i>	Unburned	Middle	Sunny	1.555	0.4194
9	1	3	1	<i>Pinus sylvestris var. mongolica.</i>	Unburned	Middle	Sunny	1.22	0.6096
9	1	3	2	<i>Pinus sylvestris var. mongolica.</i>	Unburned	Middle	Sunny	1.197	0.5104
9	1	3	3	<i>Pinus sylvestris var. mongolica.</i>	Unburned	Middle	Sunny	1.474	0.9011
9	1	3	4	<i>Pinus sylvestris var. mongolica.</i>	Unburned	Middle	Sunny	1.589	0.8816
9	2	1	1	<i>Pinus sylvestris var. mongolica.</i>	Unburned	Middle	Sunny	1.095	1.8848
9	2	1	2	<i>Pinus sylvestris var. mongolica.</i>	Unburned	Middle	Sunny	1.197	0.2684
9	2	1	3	<i>Pinus sylvestris var. mongolica.</i>	Unburned	Middle	Sunny	1.302	0.9246
9	2	1	4	<i>Pinus sylvestris var. mongolica.</i>	Unburned	Middle	Sunny	1.319	0.8026
9	2	2	1	<i>Pinus sylvestris var. mongolica.</i>	Unburned	Middle	Sunny	0.7	1.7284
9	2	2	2	<i>Pinus sylvestris var. mongolica.</i>	Unburned	Middle	Sunny	0.82	0.9257
9	2	2	3	<i>Pinus sylvestris var. mongolica.</i>	Unburned	Middle	Sunny	0.917	0.7697
9	2	2	4	<i>Pinus sylvestris var. mongolica.</i>	Unburned	Middle	Sunny	1.107	0.8520
9	2	3	1	<i>Pinus sylvestris var. mongolica.</i>	Unburned	Middle	Sunny	1.037	0.6066
9	2	3	2	<i>Pinus sylvestris var. mongolica.</i>	Unburned	Middle	Sunny	1.252	0.7371
9	2	3	3	<i>Pinus sylvestris var. mongolica.</i>	Unburned	Middle	Sunny	1.501	0.5462
9	2	3	4	<i>Pinus sylvestris var. mongolica.</i>	Unburned	Middle	Sunny	1.438	0.5247
9	3	1	1	<i>Pinus sylvestris var. mongolica.</i>	Unburned	Middle	Sunny	1.175	0.6157
9	3	1	2	<i>Pinus sylvestris var. mongolica.</i>	Unburned	Middle	Sunny	1.222	0.6501
9	3	1	3	<i>Pinus sylvestris var. mongolica.</i>	Unburned	Middle	Sunny	1.538	0.5398
9	3	1	4	<i>Pinus sylvestris var. mongolica.</i>	Unburned	Middle	Sunny	1.437	0.6809
9	3	2	1	<i>Pinus sylvestris var. mongolica.</i>	Unburned	Middle	Sunny	1.425	0.6939
9	3	2	2	<i>Pinus sylvestris var. mongolica.</i>	Unburned	Middle	Sunny	1.294	0.5451
9	3	2	3	<i>Pinus sylvestris var. mongolica.</i>	Unburned	Middle	Sunny	1.334	0.6169
9	3	2	4	<i>Pinus sylvestris var. mongolica.</i>	Unburned	Middle	Sunny	1.272	0.9950
9	3	3	1	<i>Pinus sylvestris var. mongolica.</i>	Unburned	Middle	Sunny	0.745	0.5784
9	3	3	2	<i>Pinus sylvestris var. mongolica.</i>	Unburned	Middle	Sunny	1.344	0.5257
9	3	3	3	<i>Pinus sylvestris var. mongolica.</i>	Unburned	Middle	Sunny	1.376	0.5664
9	3	3	4	<i>Pinus sylvestris var. mongolica.</i>	Unburned	Middle	Sunny	1.476	0.4908
10	1	1	1	<i>Pinus sylvestris var. mongolica.</i>	Unburned	Toe	Sunny	0.392	0.8504
10	1	1	2	<i>Pinus sylvestris var. mongolica.</i>	Unburned	Toe	Sunny	0.954	0.7841
10	1	1	3	<i>Pinus sylvestris var. mongolica.</i>	Unburned	Toe	Sunny	1.531	0.6868
10	1	1	4	<i>Pinus sylvestris var. mongolica.</i>	Unburned	Toe	Sunny	1.398	0.6921
10	1	2	1	<i>Pinus sylvestris var. mongolica.</i>	Unburned	Toe	Sunny	0.72	0.8921
10	1	2	2	<i>Pinus sylvestris var. mongolica.</i>	Unburned	Toe	Sunny	0.952	0.8246
10	1	2	3	<i>Pinus sylvestris var. mongolica.</i>	Unburned	Toe	Sunny	1.225	0.5736
10	1	2	4	<i>Pinus sylvestris var. mongolica.</i>	Unburned	Toe	Sunny	1.442	0.6213
10	1	3	1	<i>Pinus sylvestris var. mongolica.</i>	Unburned	Toe	Sunny	0.912	0.6152
10	1	3	2	<i>Pinus sylvestris var. mongolica.</i>	Unburned	Toe	Sunny	1.064	0.3569
10	1	3	3	<i>Pinus sylvestris var. mongolica.</i>	Unburned	Toe	Sunny	1.272	0.5759
10	1	3	4	<i>Pinus sylvestris var. mongolica.</i>	Unburned	Toe	Sunny	1.46	0.4768
10	2	1	1	<i>Pinus sylvestris var. mongolica.</i>	Unburned	Toe	Sunny	1.189	0.6115

10	2	1	2	<i>Pinus sylvestris var. mongolica.</i>	Unburned	Toe	Sunny	1.292	0.5728
10	2	1	3	<i>Pinus sylvestris var. mongolica.</i>	Unburned	Toe	Sunny	1.384	0.4625
10	2	1	4	<i>Pinus sylvestris var. mongolica.</i>	Unburned	Toe	Sunny	1.358	0.5100
10	2	2	1	<i>Pinus sylvestris var. mongolica.</i>	Unburned	Toe	Sunny	1.235	0.4571
10	2	2	2	<i>Pinus sylvestris var. mongolica.</i>	Unburned	Toe	Sunny	1.3	0.4822
10	2	2	3	<i>Pinus sylvestris var. mongolica.</i>	Unburned	Toe	Sunny	1.334	0.6841
10	2	2	4	<i>Pinus sylvestris var. mongolica.</i>	Unburned	Toe	Sunny	1.576	0.4443
10	2	3	1	<i>Pinus sylvestris var. mongolica.</i>	Unburned	Toe	Sunny	0.753	0.6652
10	2	3	2	<i>Pinus sylvestris var. mongolica.</i>	Unburned	Toe	Sunny	1.193	0.7568
10	2	3	3	<i>Pinus sylvestris var. mongolica.</i>	Unburned	Toe	Sunny	1.471	0.6377
10	2	3	4	<i>Pinus sylvestris var. mongolica.</i>	Unburned	Toe	Sunny	1.457	0.5626
10	3	1	1	<i>Pinus sylvestris var. mongolica.</i>	Unburned	Toe	Sunny	0.842	1.3649
10	3	1	2	<i>Pinus sylvestris var. mongolica.</i>	Unburned	Toe	Sunny	1.139	1.3270
10	3	1	3	<i>Pinus sylvestris var. mongolica.</i>	Unburned	Toe	Sunny	1.302	0.9303
10	3	1	4	<i>Pinus sylvestris var. mongolica.</i>	Unburned	Toe	Sunny	1.254	1.0959
10	3	2	1	<i>Pinus sylvestris var. mongolica.</i>	Unburned	Toe	Sunny	0.94	0.9206
10	3	2	2	<i>Pinus sylvestris var. mongolica.</i>	Unburned	Toe	Sunny	1.213	1.7707
10	3	2	3	<i>Pinus sylvestris var. mongolica.</i>	Unburned	Toe	Sunny	1.082	5.4170
10	3	2	4	<i>Pinus sylvestris var. mongolica.</i>	Unburned	Toe	Sunny	1.455	1.0688
10	3	3	1	<i>Pinus sylvestris var. mongolica.</i>	Unburned	Toe	Sunny	0.799	9.8310
10	3	3	2	<i>Pinus sylvestris var. mongolica.</i>	Unburned	Toe	Sunny	1.018	5.5528
10	3	3	3	<i>Pinus sylvestris var. mongolica.</i>	Unburned	Toe	Sunny	1.215	1.3938
10	3	3	4	<i>Pinus sylvestris var. mongolica.</i>	Unburned	Toe	Sunny	1.275	0.9170
11	1	1	1	<i>Larix gmelinii.</i>	Moderate	Lower	Shady	0.169	16.6751
11	1	1	2	<i>Larix gmelinii.</i>	Moderate	Lower	Shady	0.563	9.9972
11	1	1	3	<i>Larix gmelinii.</i>	Moderate	Lower	Shady	1.485	1.8932
11	1	1	4	<i>Larix gmelinii.</i>	Moderate	Lower	Shady	1.395	1.0251
11	1	2	1	<i>Larix gmelinii.</i>	Moderate	Lower	Shady	0.417	9.0868
11	1	2	2	<i>Larix gmelinii.</i>	Moderate	Lower	Shady	0.8986	4.0628
11	1	2	3	<i>Larix gmelinii.</i>	Moderate	Lower	Shady	1.425	1.5501
11	1	2	4	<i>Larix gmelinii.</i>	Moderate	Lower	Shady	1.596	0.8654
11	1	3	1	<i>Larix gmelinii.</i>	Moderate	Lower	Shady	1.019	0.9573
11	1	3	2	<i>Larix gmelinii.</i>	Moderate	Lower	Shady	1.227	0.9296
11	1	3	3	<i>Larix gmelinii.</i>	Moderate	Lower	Shady	1.641	0.9297
11	1	3	4	<i>Larix gmelinii.</i>	Moderate	Lower	Shady	1.694	0.8313
11	2	1	1	<i>Larix gmelinii.</i>	Moderate	Lower	Shady	0.804	2.2069
11	2	1	2	<i>Larix gmelinii.</i>	Moderate	Lower	Shady	1.134	1.2318
11	2	1	3	<i>Larix gmelinii.</i>	Moderate	Lower	Shady	1.465	0.8023
11	2	1	4	<i>Larix gmelinii.</i>	Moderate	Lower	Shady	1.309	0.7325
11	2	2	1	<i>Larix gmelinii.</i>	Moderate	Lower	Shady	0.248	2.5644
11	2	2	2	<i>Larix gmelinii.</i>	Moderate	Lower	Shady	1.149	1.4226
11	2	2	3	<i>Larix gmelinii.</i>	Moderate	Lower	Shady	1.462	0.9206
11	2	2	4	<i>Larix gmelinii.</i>	Moderate	Lower	Shady	1.328	1.0648
11	2	3	1	<i>Larix gmelinii.</i>	Moderate	Lower	Shady	1.144	0.8684

11	2	3	2	<i>Larix gmelinii.</i>	Moderate	Lower	Shady	1.32	0.6541
11	2	3	3	<i>Larix gmelinii.</i>	Moderate	Lower	Shady	1.405	0.9440
11	2	3	4	<i>Larix gmelinii.</i>	Moderate	Lower	Shady	1.496	1.4952
11	3	1	1	<i>Larix gmelinii.</i>	Moderate	Lower	Shady	0.801	2.0607
11	3	1	2	<i>Larix gmelinii.</i>	Moderate	Lower	Shady	1.207	1.7020
11	3	1	3	<i>Larix gmelinii.</i>	Moderate	Lower	Shady	1.115	2.3144
11	3	1	4	<i>Larix gmelinii.</i>	Moderate	Lower	Shady	1.204	1.1452
11	3	2	1	<i>Larix gmelinii.</i>	Moderate	Lower	Shady	0.369	36.9096
11	3	2	2	<i>Larix gmelinii.</i>	Moderate	Lower	Shady	0.863	3.0102
11	3	2	3	<i>Larix gmelinii.</i>	Moderate	Lower	Shady	1.051	2.3018
11	3	2	4	<i>Larix gmelinii.</i>	Moderate	Lower	Shady	1.301	0.6737
11	3	3	1	<i>Larix gmelinii.</i>	Moderate	Lower	Shady	0.827	6.0959
11	3	3	2	<i>Larix gmelinii.</i>	Moderate	Lower	Shady	0.94	1.0942
11	3	3	3	<i>Larix gmelinii.</i>	Moderate	Lower	Shady	1.3	0.6838
11	3	3	4	<i>Larix gmelinii.</i>	Moderate	Lower	Shady	1.301	0.7634
12	1	1	1	<i>Pinus sylvestris var. mongolica.</i>	Low	Upper	Shady	1.132	0.5828
12	1	1	2	<i>Pinus sylvestris var. mongolica.</i>	Low	Upper	Shady	1.348	0.5021
12	1	1	3	<i>Pinus sylvestris var. mongolica.</i>	Low	Upper	Shady	1.428	0.5532
12	1	1	4	<i>Pinus sylvestris var. mongolica.</i>	Low	Upper	Shady	1.335	0.5358
12	1	2	1	<i>Pinus sylvestris var. mongolica.</i>	Low	Upper	Shady	1.01	0.4468
12	1	2	2	<i>Pinus sylvestris var. mongolica.</i>	Low	Upper	Shady	1.164	0.4675
12	1	2	3	<i>Pinus sylvestris var. mongolica.</i>	Low	Upper	Shady	1.408	0.6644
12	1	3	1	<i>Pinus sylvestris var. mongolica.</i>	Low	Upper	Shady	0.947	0.5886
12	1	3	2	<i>Pinus sylvestris var. mongolica.</i>	Low	Upper	Shady	1.169	0.5926
12	1	3	3	<i>Pinus sylvestris var. mongolica.</i>	Low	Upper	Shady	1.263	0.4124
12	1	3	4	<i>Pinus sylvestris var. mongolica.</i>	Low	Upper	Shady	1.32	0.0272
12	2	1	1	<i>Pinus sylvestris var. mongolica.</i>	Low	Upper	Shady	0.996	1.6494
12	2	1	2	<i>Pinus sylvestris var. mongolica.</i>	Low	Upper	Shady	1.211	0.4319
12	2	1	3	<i>Pinus sylvestris var. mongolica.</i>	Low	Upper	Shady	1.222	0.3198
12	2	1	4	<i>Pinus sylvestris var. mongolica.</i>	Low	Upper	Shady	1.486	0.7133
12	2	2	1	<i>Pinus sylvestris var. mongolica.</i>	Low	Upper	Shady	0.899	5.3500
12	2	2	2	<i>Pinus sylvestris var. mongolica.</i>	Low	Upper	Shady	1.304	2.4300
12	2	2	3	<i>Pinus sylvestris var. mongolica.</i>	Low	Upper	Shady	1.24	0.8504
12	2	2	4	<i>Pinus sylvestris var. mongolica.</i>	Low	Upper	Shady	1.122	0.6469
12	2	3	1	<i>Pinus sylvestris var. mongolica.</i>	Low	Upper	Shady	1.1	0.6272
12	2	3	2	<i>Pinus sylvestris var. mongolica.</i>	Low	Upper	Shady	1.244	1.6808
12	2	3	3	<i>Pinus sylvestris var. mongolica.</i>	Low	Upper	Shady	1.373	1.4758
12	2	3	4	<i>Pinus sylvestris var. mongolica.</i>	Low	Upper	Shady	1.316	1.3977
12	3	1	1	<i>Pinus sylvestris var. mongolica.</i>	Low	Upper	Shady	0.932	0.8186
12	3	1	2	<i>Pinus sylvestris var. mongolica.</i>	Low	Upper	Shady	1.114	0.7923
12	3	1	3	<i>Pinus sylvestris var. mongolica.</i>	Low	Upper	Shady	1.259	0.8527
12	3	1	4	<i>Pinus sylvestris var. mongolica.</i>	Low	Upper	Shady	1.526	0.5503
12	3	2	1	<i>Pinus sylvestris var. mongolica.</i>	Low	Upper	Shady	1.008	0.7747
12	3	2	2	<i>Pinus sylvestris var. mongolica.</i>	Low	Upper	Shady	1.023	0.9912

12	3	2	3	<i>Pinus sylvestris var. mongolica.</i>	Low	Upper	Shady	1.229	0.6260
12	3	2	4	<i>Pinus sylvestris var. mongolica.</i>	Low	Upper	Shady	1.457	0.7354
12	3	3	1	<i>Pinus sylvestris var. mongolica.</i>	Low	Upper	Shady	0.842	1.1933
12	3	3	2	<i>Pinus sylvestris var. mongolica.</i>	Low	Upper	Shady	1.17	0.9950
13	1	1	1	<i>Pinus sylvestris var. mongolica.</i>	Low	Middle	Shady	0.825	2.5327
13	1	1	2	<i>Pinus sylvestris var. mongolica.</i>	Low	Middle	Shady	1.044	1.8006
13	1	1	3	<i>Pinus sylvestris var. mongolica.</i>	Low	Middle	Shady	1.267	1.4082
13	1	1	4	<i>Pinus sylvestris var. mongolica.</i>	Low	Middle	Shady	1.35	1.5117
13	1	2	1	<i>Pinus sylvestris var. mongolica.</i>	Low	Middle	Shady	1.213	1.2913
13	1	2	2	<i>Pinus sylvestris var. mongolica.</i>	Low	Middle	Shady	1.283	1.2806
13	1	2	3	<i>Pinus sylvestris var. mongolica.</i>	Low	Middle	Shady	1.293	0.8881
13	1	2	4	<i>Pinus sylvestris var. mongolica.</i>	Low	Middle	Shady	1.541	0.6896
13	1	3	1	<i>Pinus sylvestris var. mongolica.</i>	Low	Middle	Shady	1.092	1.4264
13	1	3	2	<i>Pinus sylvestris var. mongolica.</i>	Low	Middle	Shady	1.127	1.3887
13	1	3	3	<i>Pinus sylvestris var. mongolica.</i>	Low	Middle	Shady	1.033	5.9589
13	1	3	4	<i>Pinus sylvestris var. mongolica.</i>	Low	Middle	Shady	1.448	0.7306
13	2	1	1	<i>Pinus sylvestris var. mongolica.</i>	Low	Middle	Shady	1.224	0.8068
13	2	1	2	<i>Pinus sylvestris var. mongolica.</i>	Low	Middle	Shady	0.952	0.8073
13	2	1	3	<i>Pinus sylvestris var. mongolica.</i>	Low	Middle	Shady	1.312	0.8657
13	2	1	4	<i>Pinus sylvestris var. mongolica.</i>	Low	Middle	Shady	1.356	0.7173
13	2	2	1	<i>Pinus sylvestris var. mongolica.</i>	Low	Middle	Shady	1.023	0.6925
13	2	2	2	<i>Pinus sylvestris var. mongolica.</i>	Low	Middle	Shady	1.309	0.8104
13	2	2	3	<i>Pinus sylvestris var. mongolica.</i>	Low	Middle	Shady	1.268	0.6557
13	2	2	4	<i>Pinus sylvestris var. mongolica.</i>	Low	Middle	Shady	1.43	0.7122
13	2	3	1	<i>Pinus sylvestris var. mongolica.</i>	Low	Middle	Shady	0.963	0.9659
13	2	3	2	<i>Pinus sylvestris var. mongolica.</i>	Low	Middle	Shady	1.282	0.7840
13	2	3	3	<i>Pinus sylvestris var. mongolica.</i>	Low	Middle	Shady	1.387	0.7581
13	2	3	4	<i>Pinus sylvestris var. mongolica.</i>	Low	Middle	Shady	1.401	0.6370
13	3	1	1	<i>Pinus sylvestris var. mongolica.</i>	Low	Middle	Shady	0.826	0.8470
13	3	1	2	<i>Pinus sylvestris var. mongolica.</i>	Low	Middle	Shady	1.239	1.9897
13	3	1	3	<i>Pinus sylvestris var. mongolica.</i>	Low	Middle	Shady	1.657	1.2663
13	3	1	4	<i>Pinus sylvestris var. mongolica.</i>	Low	Middle	Shady	1.263	1.1224
13	3	2	1	<i>Pinus sylvestris var. mongolica.</i>	Low	Middle	Shady	1.01	1.8632
13	3	2	2	<i>Pinus sylvestris var. mongolica.</i>	Low	Middle	Shady	1.098	1.1488
13	3	2	3	<i>Pinus sylvestris var. mongolica.</i>	Low	Middle	Shady	1.455	1.1374
13	3	2	4	<i>Pinus sylvestris var. mongolica.</i>	Low	Middle	Shady	1.23	0.8419
13	3	3	1	<i>Pinus sylvestris var. mongolica.</i>	Low	Middle	Shady	1.082	1.3260
13	3	3	2	<i>Pinus sylvestris var. mongolica.</i>	Low	Middle	Shady	1.137	1.3003
13	3	3	3	<i>Pinus sylvestris var. mongolica.</i>	Low	Middle	Shady	1.332	0.9650
13	3	3	4	<i>Pinus sylvestris var. mongolica.</i>	Low	Middle	Shady	1.434	0.8356
14	1	1	1	<i>Pinus sylvestris var. mongolica.</i>	Low	Lower	Shady	0.944	1.0882
14	1	1	2	<i>Pinus sylvestris var. mongolica.</i>	Low	Lower	Shady	1.077	0.8537
14	1	1	3	<i>Pinus sylvestris var. mongolica.</i>	Low	Lower	Shady	1.645	0.6268
14	1	1	4	<i>Pinus sylvestris var. mongolica.</i>	Low	Lower	Shady	1.354	0.8583

14	1	2	1	<i>Pinus sylvestris var. mongolica.</i>	Low	Lower	Shady	0.895	1.0909
14	1	2	2	<i>Pinus sylvestris var. mongolica.</i>	Low	Lower	Shady	1.018	0.7679
14	1	2	3	<i>Pinus sylvestris var. mongolica.</i>	Low	Lower	Shady	1.419	0.6779
14	1	2	4	<i>Pinus sylvestris var. mongolica.</i>	Low	Lower	Shady	1.494	0.6776
14	1	3	1	<i>Pinus sylvestris var. mongolica.</i>	Low	Lower	Shady	0.648	2.6597
14	1	3	2	<i>Pinus sylvestris var. mongolica.</i>	Low	Lower	Shady	1.151	1.9423
14	1	3	3	<i>Pinus sylvestris var. mongolica.</i>	Low	Lower	Shady	1.35	1.3898
14	1	3	4	<i>Pinus sylvestris var. mongolica.</i>	Low	Lower	Shady	1.302	1.0446
14	2	1	1	<i>Pinus sylvestris var. mongolica.</i>	Low	Lower	Shady	0.834	1.4974
14	2	1	2	<i>Pinus sylvestris var. mongolica.</i>	Low	Lower	Shady	1.069	1.4574
14	2	1	3	<i>Pinus sylvestris var. mongolica.</i>	Low	Lower	Shady	1.135	1.1159
14	2	1	4	<i>Pinus sylvestris var. mongolica.</i>	Low	Lower	Shady	1.515	0.8269
14	2	2	1	<i>Pinus sylvestris var. mongolica.</i>	Low	Lower	Shady	0.973	1.8208
14	2	2	2	<i>Pinus sylvestris var. mongolica.</i>	Low	Lower	Shady	1.097	1.3279
14	2	2	3	<i>Pinus sylvestris var. mongolica.</i>	Low	Lower	Shady	1.341	0.9679
14	2	2	4	<i>Pinus sylvestris var. mongolica.</i>	Low	Lower	Shady	1.262	1.0875
14	2	3	1	<i>Pinus sylvestris var. mongolica.</i>	Low	Lower	Shady	1.097	1.5115
14	2	3	2	<i>Pinus sylvestris var. mongolica.</i>	Low	Lower	Shady	1.28	0.9848
14	2	3	3	<i>Pinus sylvestris var. mongolica.</i>	Low	Lower	Shady	1.493	0.6298
14	2	3	4	<i>Pinus sylvestris var. mongolica.</i>	Low	Lower	Shady	1.315	0.8254
14	3	1	1	<i>Pinus sylvestris var. mongolica.</i>	Low	Lower	Shady	1.125	1.3358
14	3	1	2	<i>Pinus sylvestris var. mongolica.</i>	Low	Lower	Shady	1.1	1.3969
14	3	1	3	<i>Pinus sylvestris var. mongolica.</i>	Low	Lower	Shady	1.307	0.7408
14	3	1	4	<i>Pinus sylvestris var. mongolica.</i>	Low	Lower	Shady	1.439	1.0308
14	3	2	1	<i>Pinus sylvestris var. mongolica.</i>	Low	Lower	Shady	0.83	1.3989
14	3	2	2	<i>Pinus sylvestris var. mongolica.</i>	Low	Lower	Shady	1.179	1.4988
14	3	2	3	<i>Pinus sylvestris var. mongolica.</i>	Low	Lower	Shady	1.192	1.0771
14	3	2	4	<i>Pinus sylvestris var. mongolica.</i>	Low	Lower	Shady	1.259	1.0004
14	3	3	1	<i>Pinus sylvestris var. mongolica.</i>	Low	Lower	Shady	0.973	1.1144
14	3	3	2	<i>Pinus sylvestris var. mongolica.</i>	Low	Lower	Shady	0.975	1.2032
14	3	3	3	<i>Pinus sylvestris var. mongolica.</i>	Low	Lower	Shady	1.13	1.0078
14	3	3	4	<i>Pinus sylvestris var. mongolica.</i>	Low	Lower	Shady	1.389	0.9049
