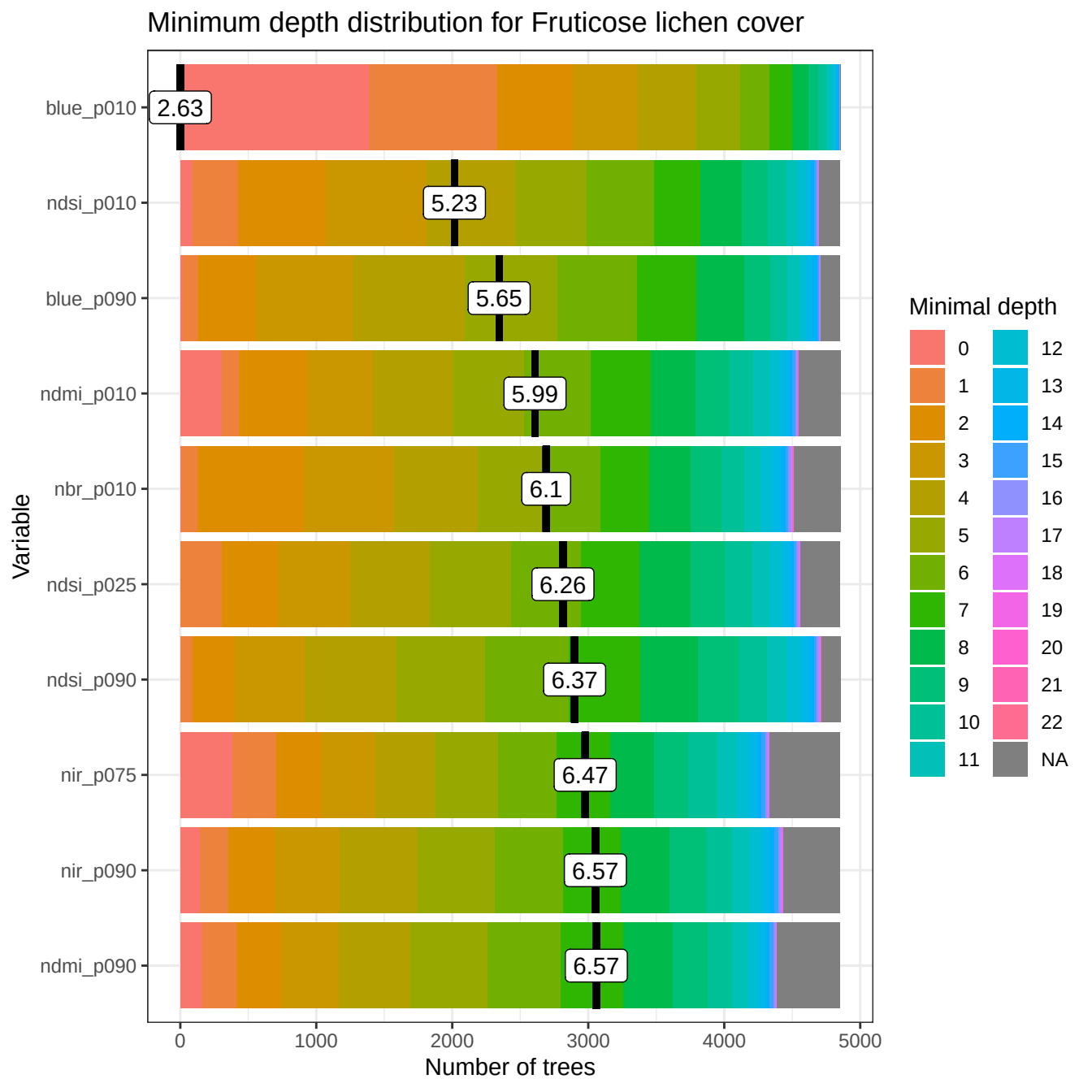
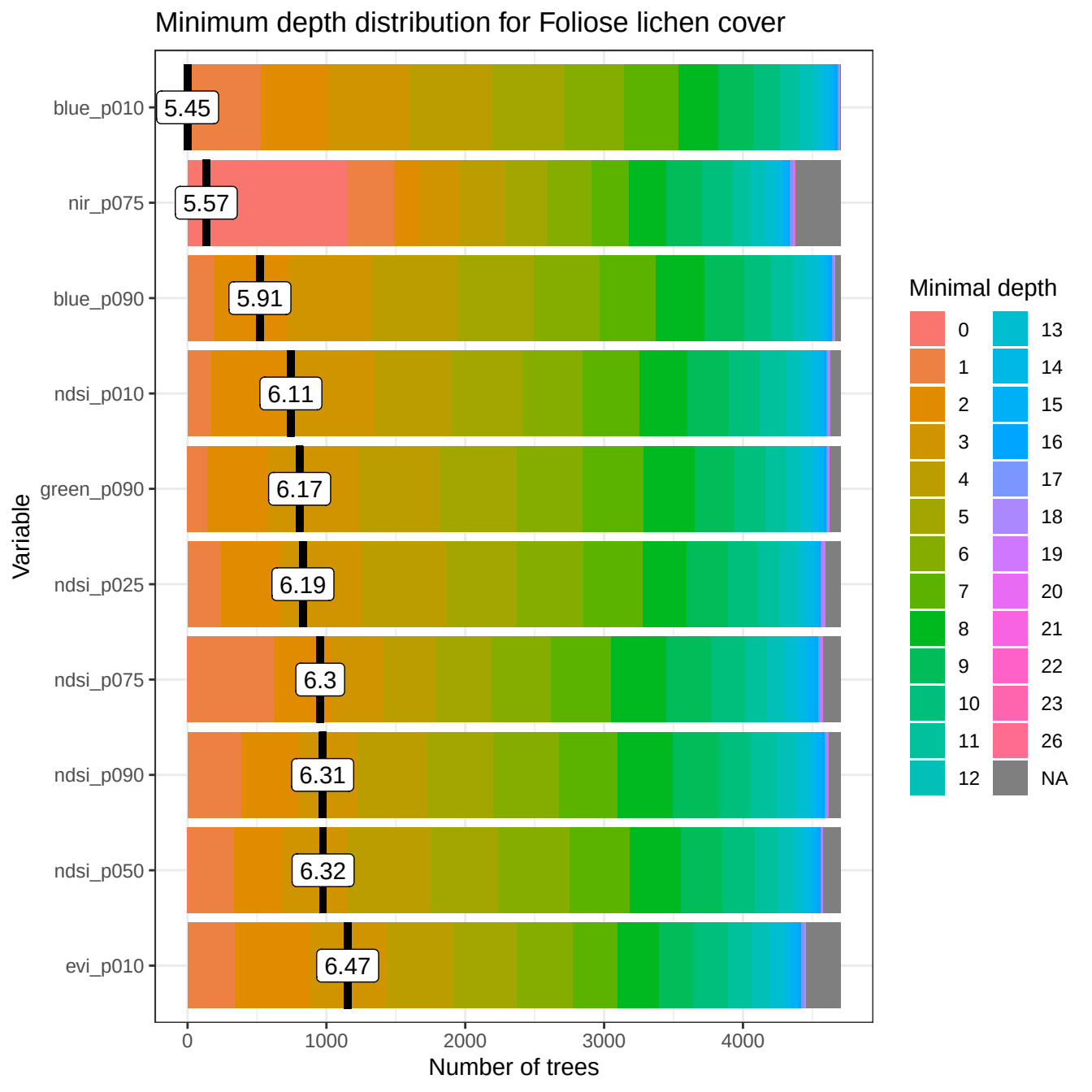
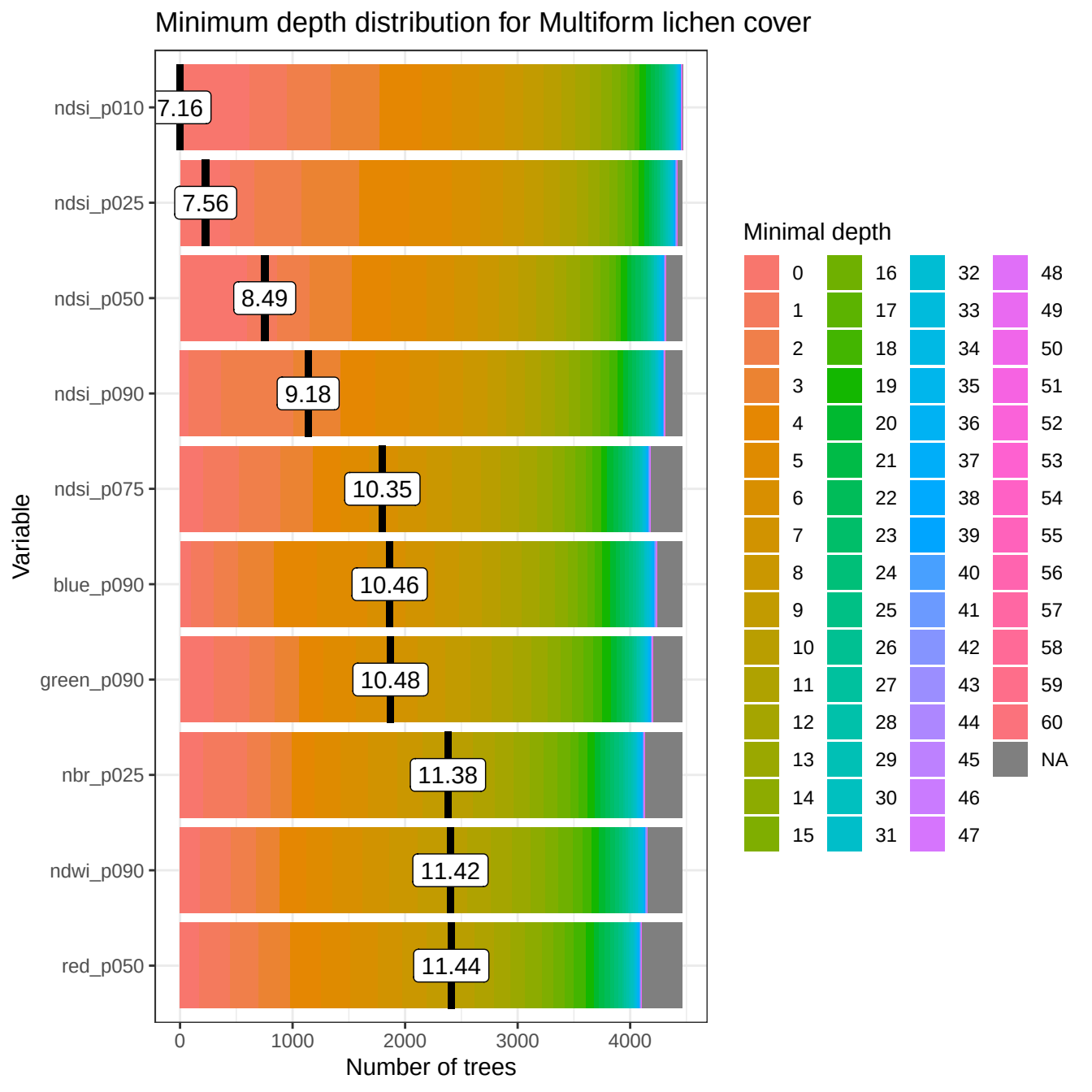
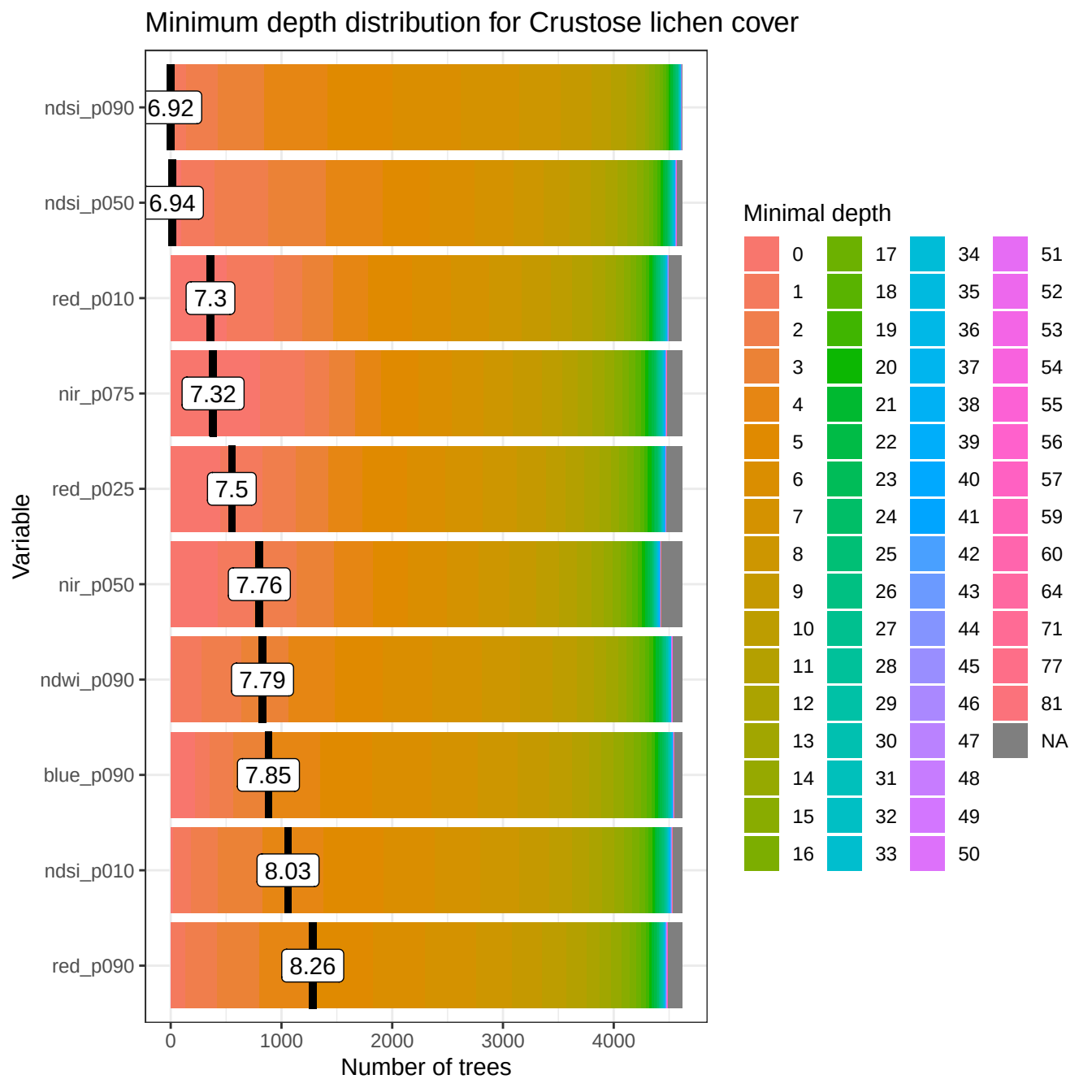
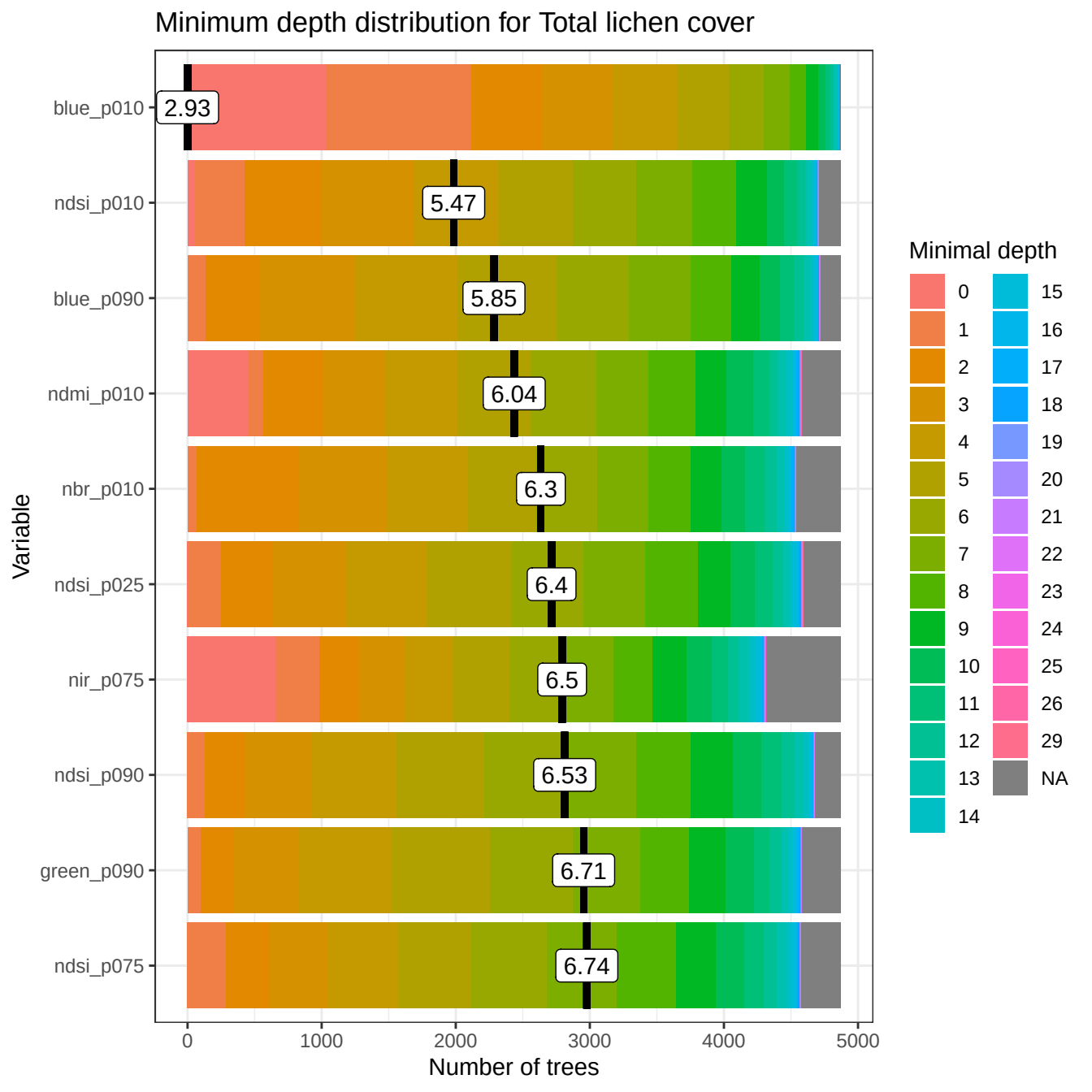
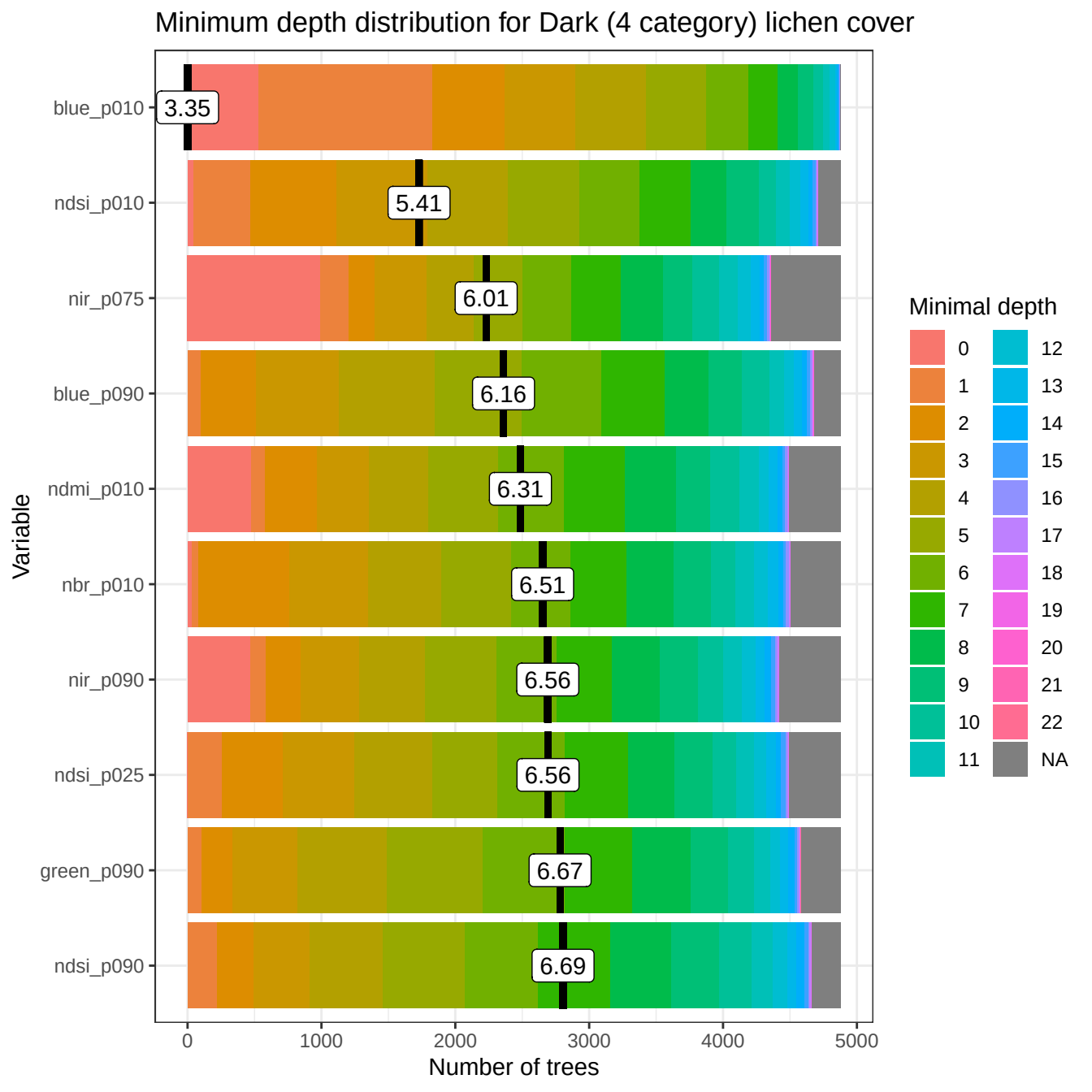

Minimum depth distribution for Fruticose lichen cover
blue_p010
ndsi_p010
blue_p090
ndmi_p010
nbr_p010
ndsi_p025
ndsi_p090
nir_p075
nir_p090
ndmi_p090
2.63
5.23
5.65
5.99
6.1
6.26
6.37
6.47
6.57
6.57
Variable
0
1000
2000
3000
4000
5000
Number of trees
Minimal depth
0
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
16
17
18
19
20
21
22
NA

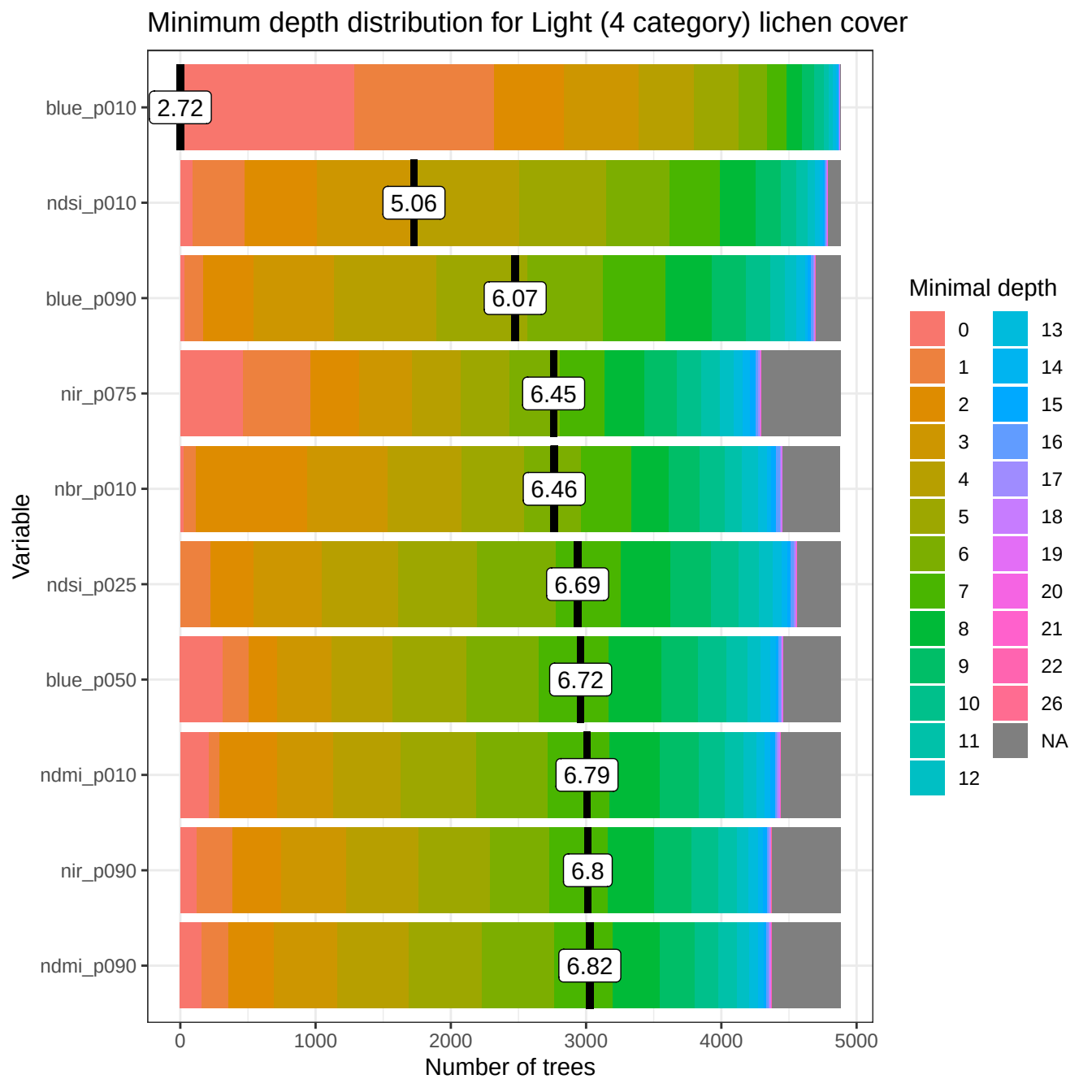

Minimum depth distribution for Foliose lichen cover
Variable
blue_p010
nir_p075
blue_p090
ndsi_p010
green_p090
ndsi_p025
ndsi_p075
ndsi_p090
ndsi_p050
evi_p010
5.45
5.57
5.91
6.11
6.17
6.19
6.3
6.31
6.32
6.47
0
1000
2000
3000
4000
Number of trees
Minimal depth
0
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
16
17
18
19
20
21
22
23
26
NA

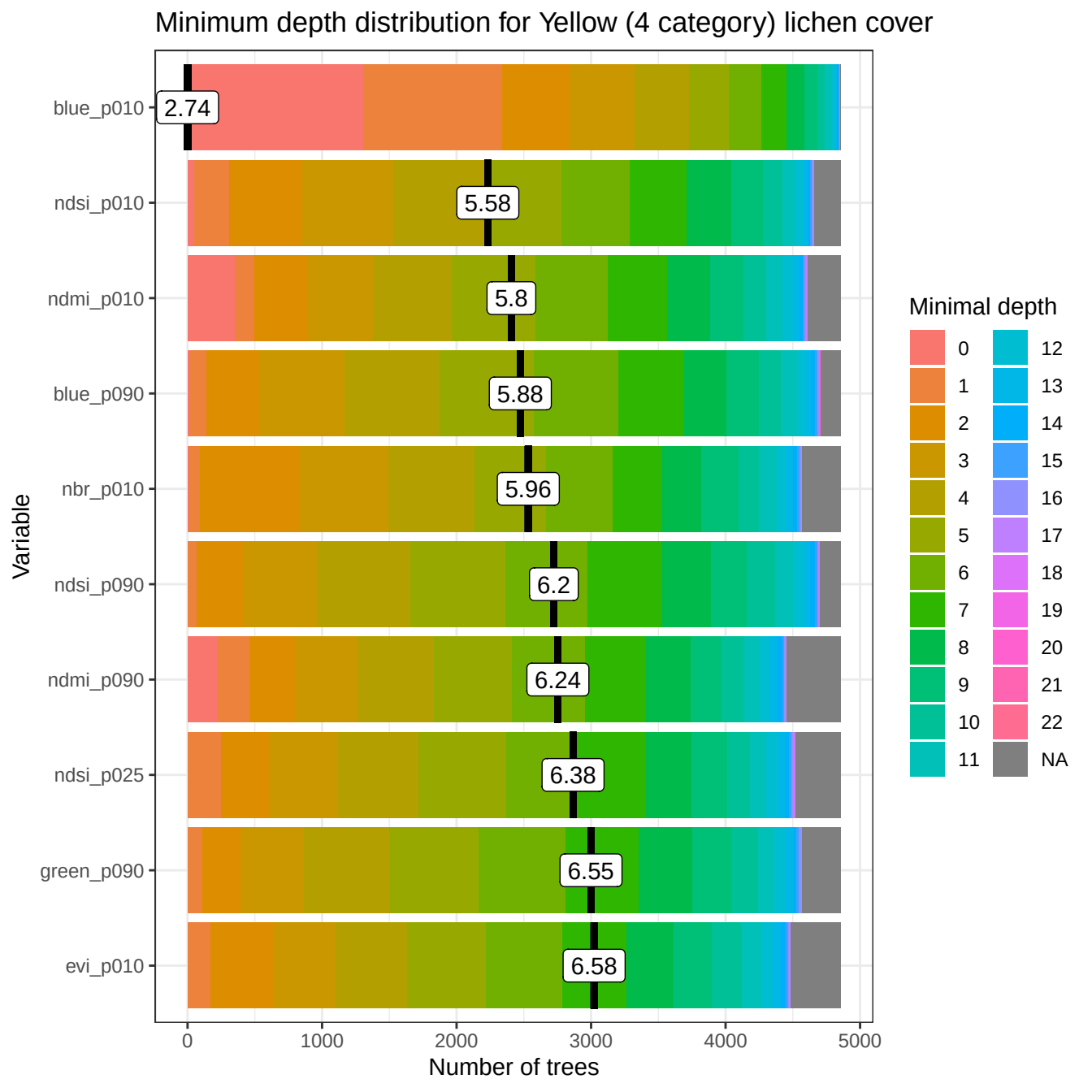

Minimum depth distribution for Multiform lichen cover
ndsi_p010
ndsi_p025
ndsi_p050
ndsi_p090
ndsi_p075
blue_p090
green_p090
nbr_p025
ndwi_p090
red_p050
7.16
7.56
8.49
9.18
10.35
10.46
10.48
11.38
11.42
11.44
Variable
0
1000
2000
3000
4000
Number of trees
Minimal depth
0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15
16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31
32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47
48 49 50 51 52 53 54 55 56 57 58 59 60 NA

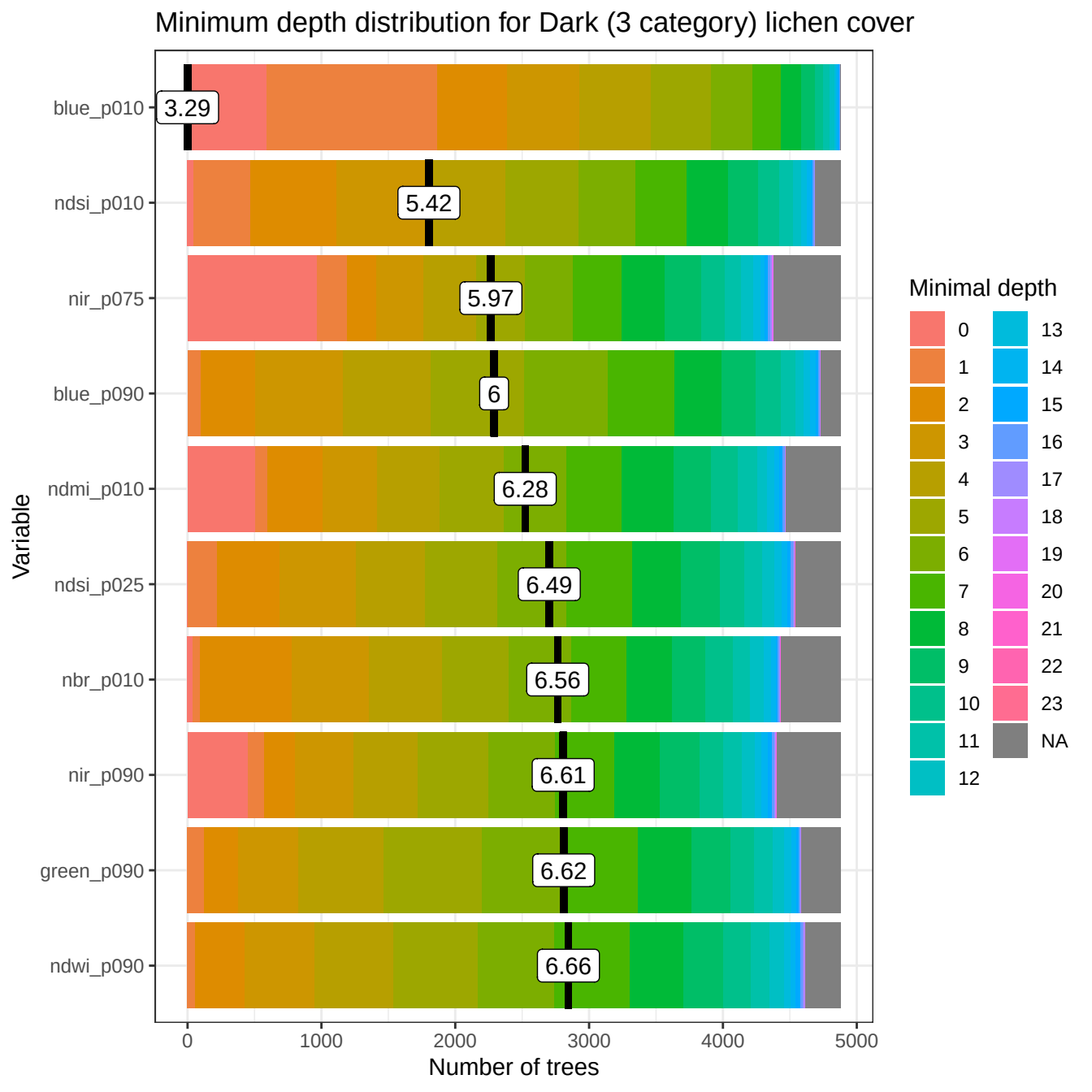

Minimum depth distribution for Crustose lichen cover
Variable
ndsi_p090
ndsi_p050
red_p010
nir_p075
red_p025
nir_p050
ndwi_p090
blue_p090
ndsi_p010
red_p090
6.92
6.94
7.3
7.32
7.5
7.76
7.79
7.85
8.03
8.26
0
1000
2000
3000
4000
Number of trees
Minimal depth
0
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
16
17
18
19
20
21
22
23
24
25
26
27
28
29
30
31
32
33
34
35
36
37
38
39
40
41
42
43
44
45
46
47
48
49
50
51
52
53
54
55
56
57
59
60
64
71
77
81
NA

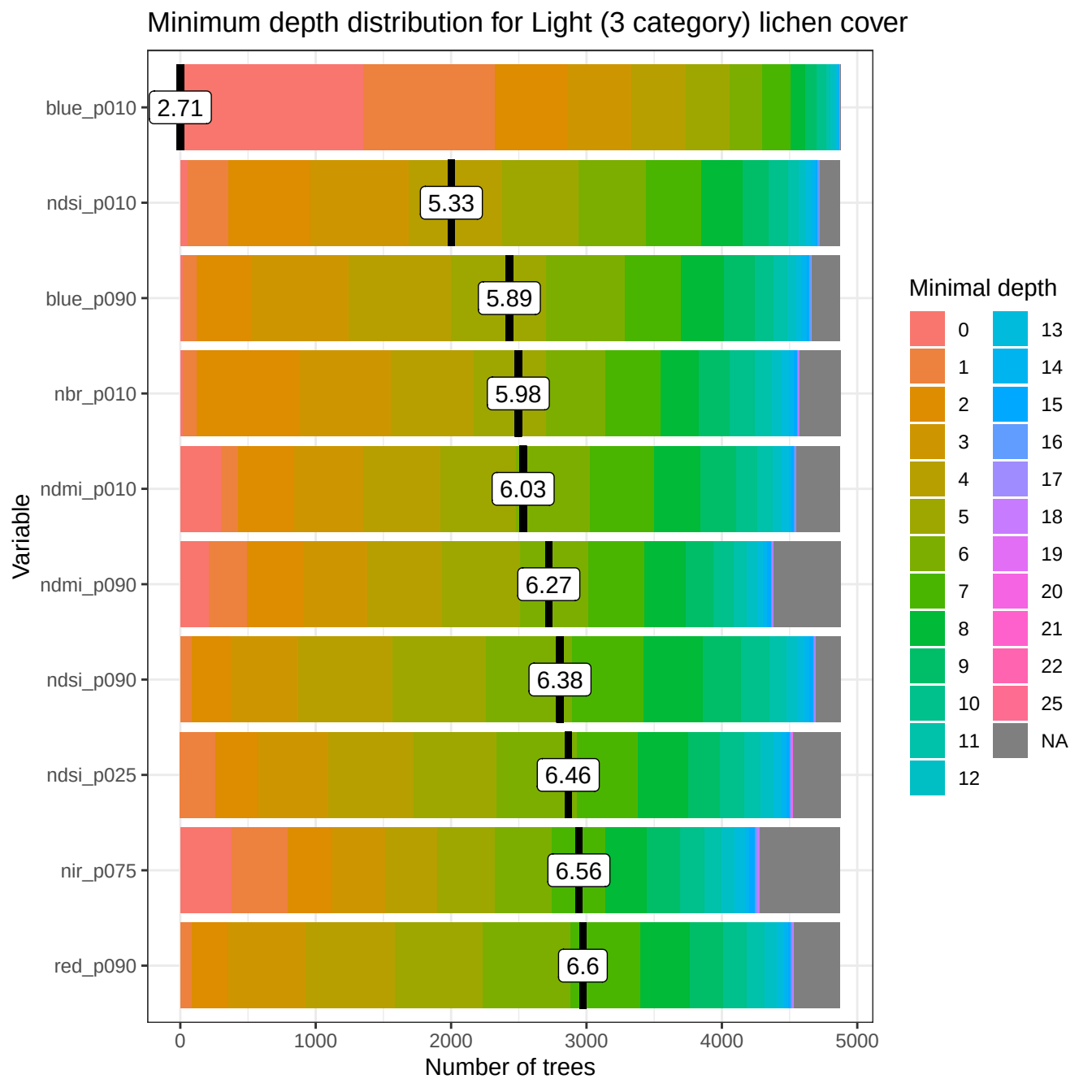

Minimum depth distribution for Total lichen cover
blue_p010
ndsi_p010
blue_p090
ndmi_p010
nbr_p010
ndsi_p025
nir_p075
ndsi_p090
green_p090
ndsi_p075
2.93
5.47
5.85
6.04
6.3
6.4
6.5
6.53
6.71
6.74
Variable
0
1000
2000
3000
4000
5000
Number of trees
Minimal depth
0
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
16
17
18
19
20
21
22
23
24
25
26
29
NA

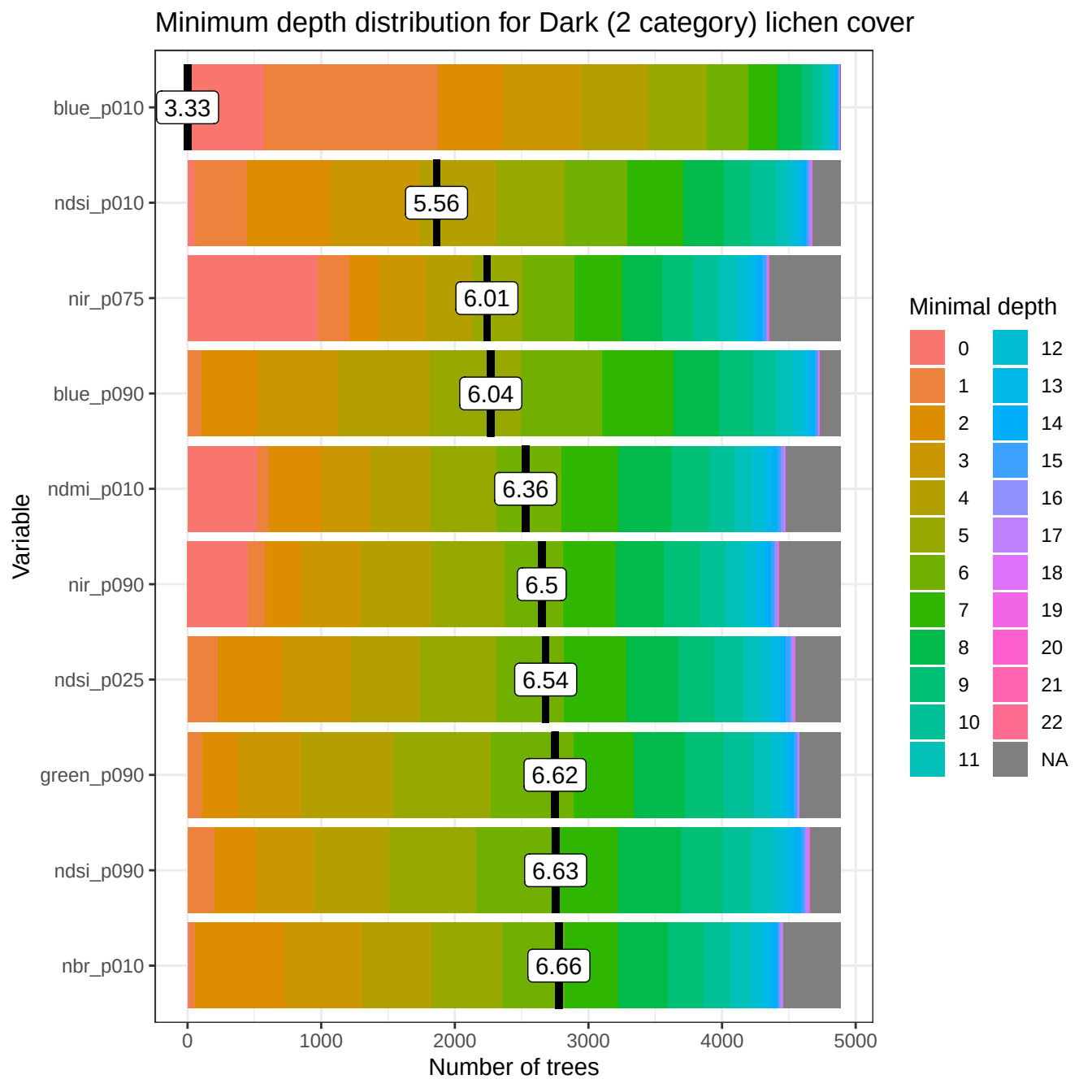

Minimum depth distribution for Dark (4 category) lichen cover
blue_p010
ndsi_p010
nir_p075
blue_p090
ndmi_p010
nbr_p010
nir_p090
ndsi_p025
green_p090
ndsi_p090
3.35
5.41
6.01
6.16
6.31
6.51
6.56
6.56
6.67
6.69
Variable
0
1000
2000
3000
4000
5000
Number of trees
Minimal depth
0
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
16
17
18
19
20
21
22
NA

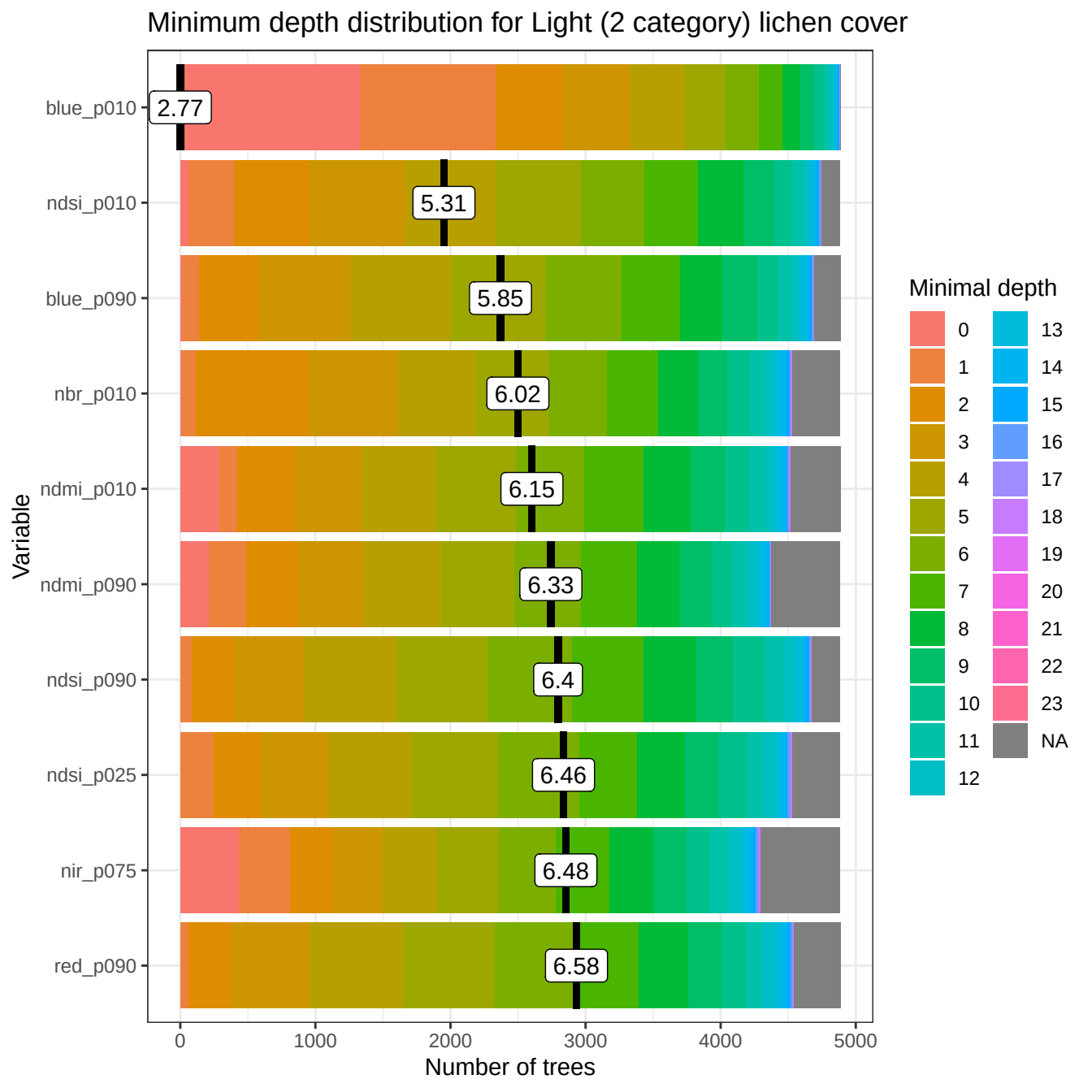

Minimum depth distribution for Light (4 category) lichen cover
blue_p010
ndsi_p010
blue_p090
nir_p075
nbr_p010
ndsi_p025
blue_p050
ndmi_p010
nir_p090
ndmi_p090
2.72
5.06
6.07
6.45
6.46
6.69
6.72
6.79
6.8
6.82
Variable
0
1000
2000
3000
4000
5000
Number of trees
Minimal depth
0
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
16
17
18
19
20
21
22
26
NA

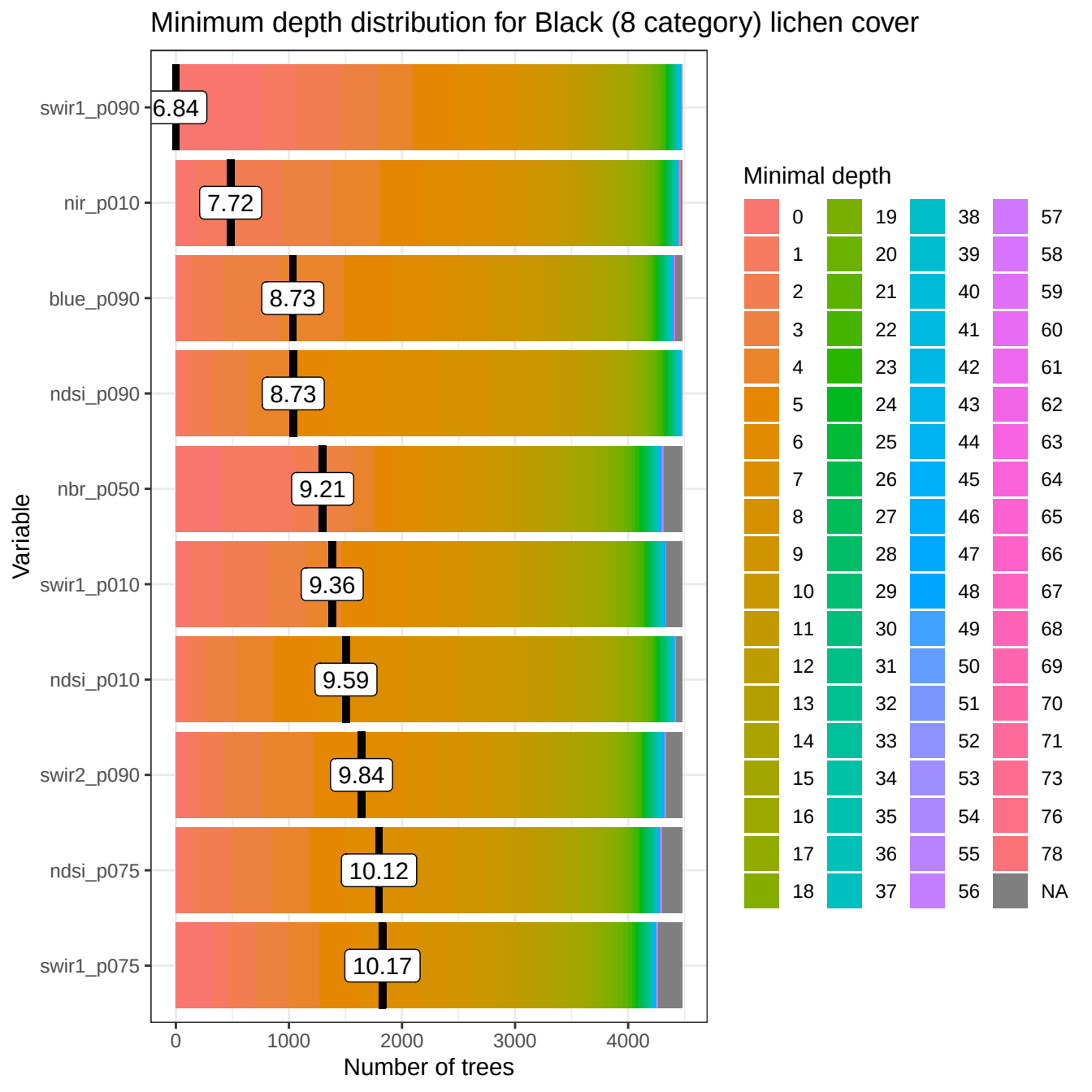

Minimum depth distribution for Yellow (4 category) lichen cover
blue_p010
ndsi_p010
ndmi_p010
blue_p090
nbr_p010
ndsi_p090
ndmi_p090
ndsi_p025
green_p090
evi_p010
2.74
5.58
5.8
5.88
5.96
6.2
6.24
6.38
6.55
6.58
Variable
0
1000
2000
3000
4000
5000
Number of trees
Minimal depth
0
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
16
17
18
19
20
21
22
NA

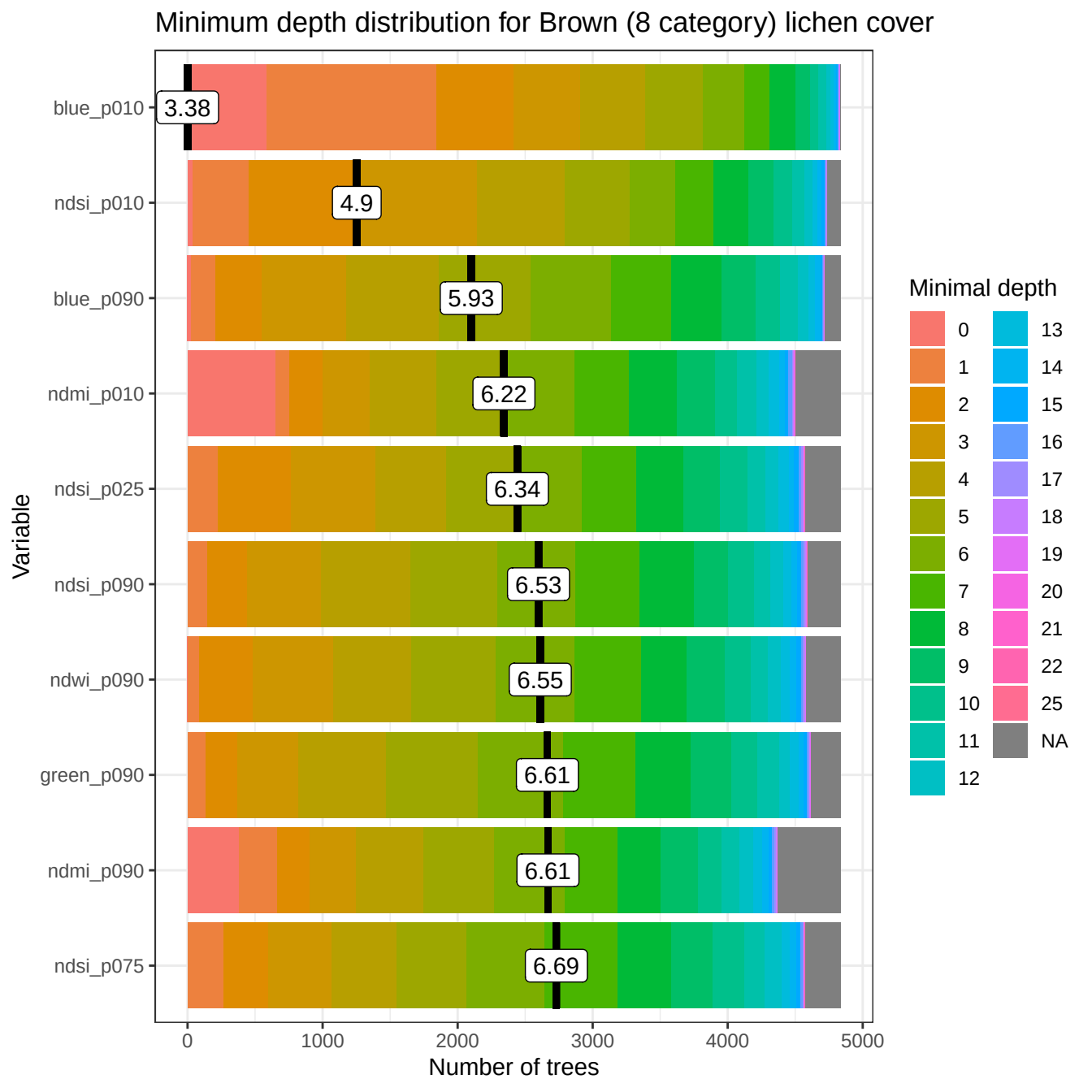

Minimum depth distribution for Dark (3 category) lichen cover
blue_p010
ndsi_p010
nir_p075
blue_p090
ndmi_p010
ndsi_p025
nbr_p010
nir_p090
green_p090
ndwi_p090
3.29
5.42
5.97
6
6.28
6.49
6.56
6.61
6.62
6.66
Variable
0
1000
2000
3000
4000
5000
Number of trees
Minimal depth
0
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
16
17
18
19
20
21
22
23
NA

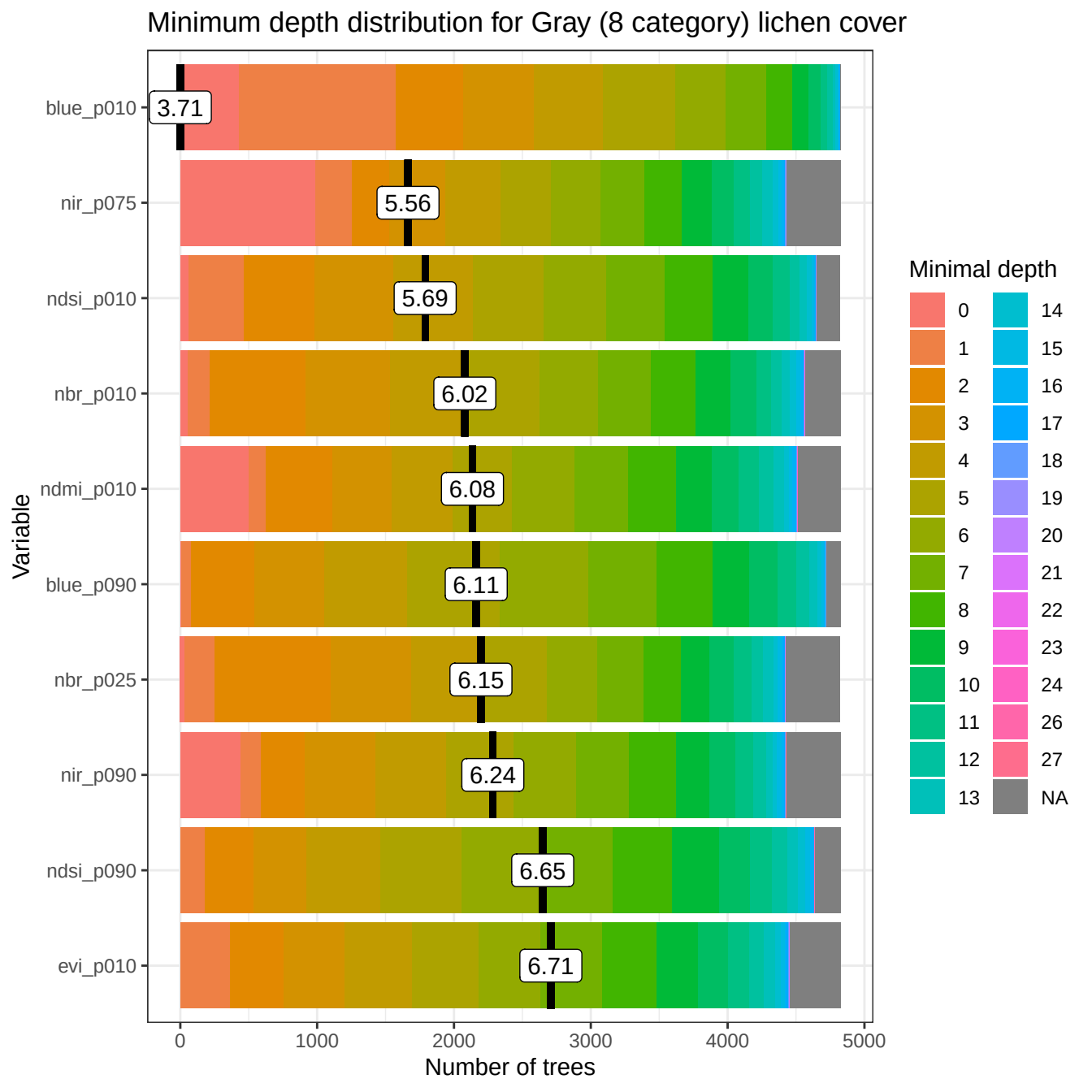

Minimum depth distribution for Light (3 category) lichen cover
blue_p010
ndsi_p010
blue_p090
nbr_p010
ndmi_p010
ndmi_p090
ndsi_p090
ndsi_p025
nir_p075
red_p090
2.71
5.33
5.89
5.98
6.03
6.27
6.38
6.46
6.56
6.6
Variable
0
1000
2000
3000
4000
5000
Number of trees
Minimal depth
0
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
16
17
18
19
20
21
22
25
NA

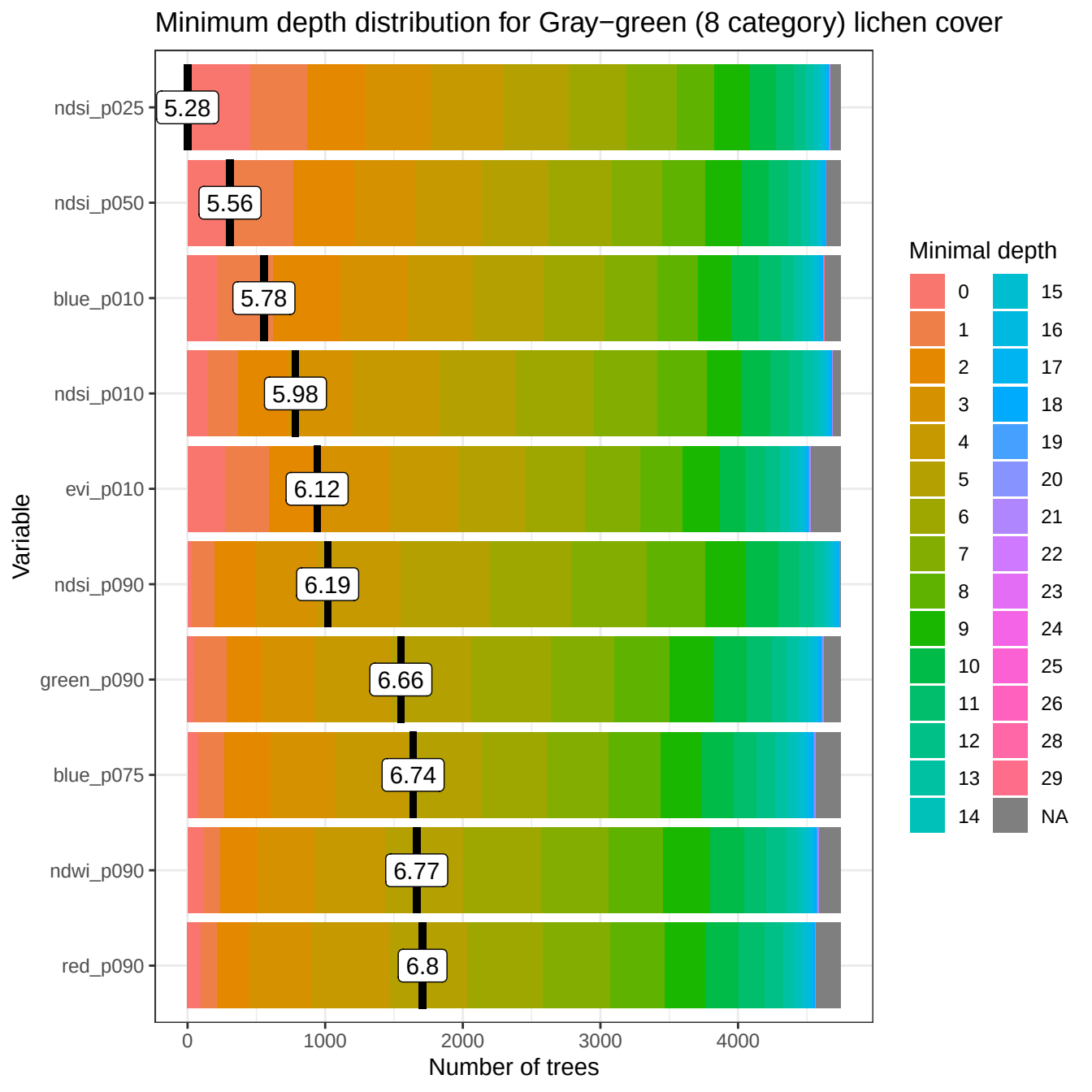

Minimum depth distribution for Dark (2 category) lichen cover
blue_p010
ndsi_p010
nir_p075
blue_p090
ndmi_p010
nir_p090
ndsi_p025
green_p090
ndsi_p090
nbr_p010
3.33
5.56
6.01
6.04
6.36
6.5
6.54
6.62
6.63
6.66
Variable
0
1000
2000
3000
4000
5000
Number of trees
Minimal depth
0
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
16
17
18
19
20
21
22
NA

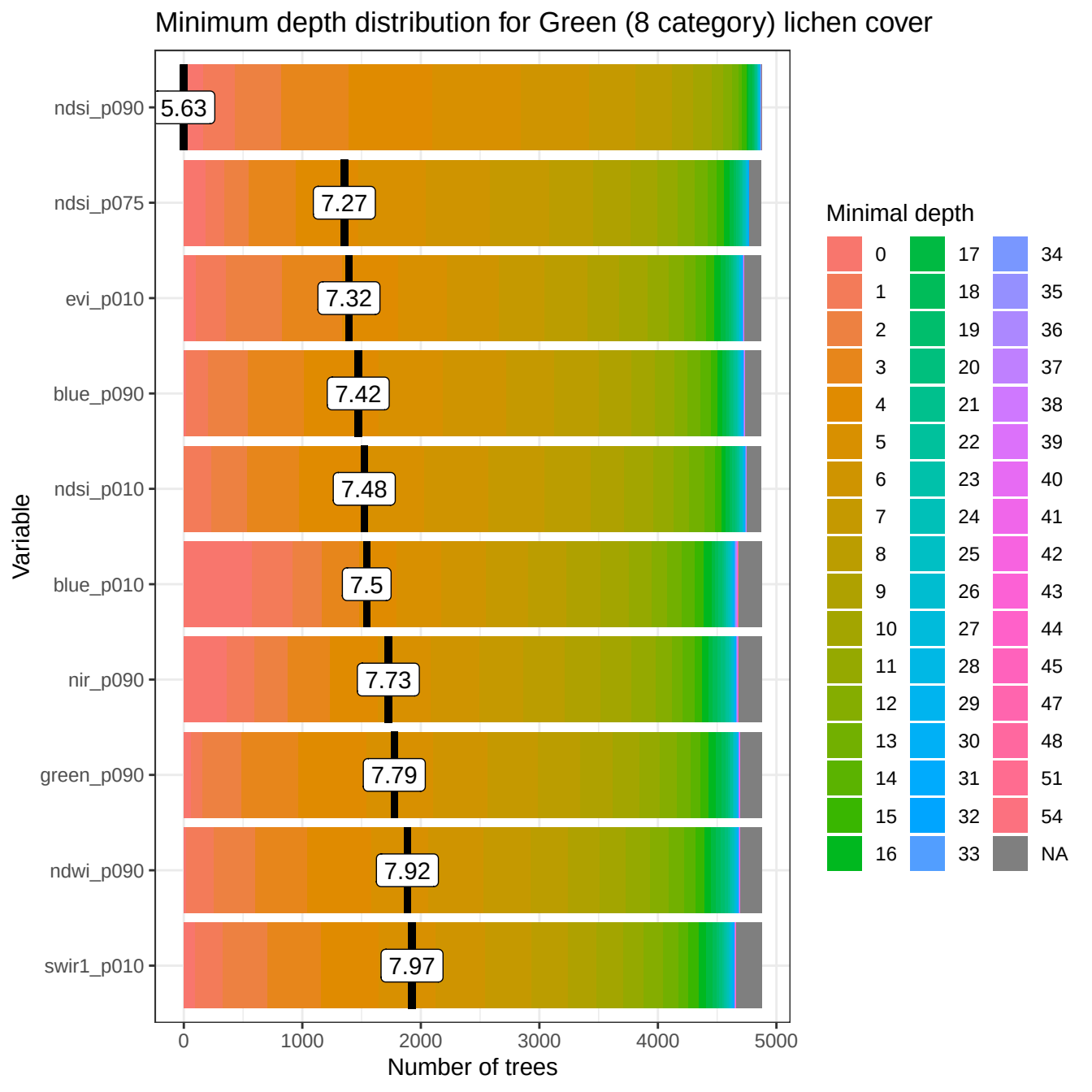

Minimum depth distribution for Light (2 category) lichen cover
blue_p010
ndsi_p010
blue_p090
nbr_p010
ndmi_p010
ndmi_p090
ndsi_p090
ndsi_p025
nir_p075
red_p090
2.77
5.31
5.85
6.02
6.15
6.33
6.4
6.46
6.48
6.58
Variable
0
1000
2000
3000
4000
5000
Number of trees
Minimal depth
0
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
16
17
18
19
20
21
22
23
NA

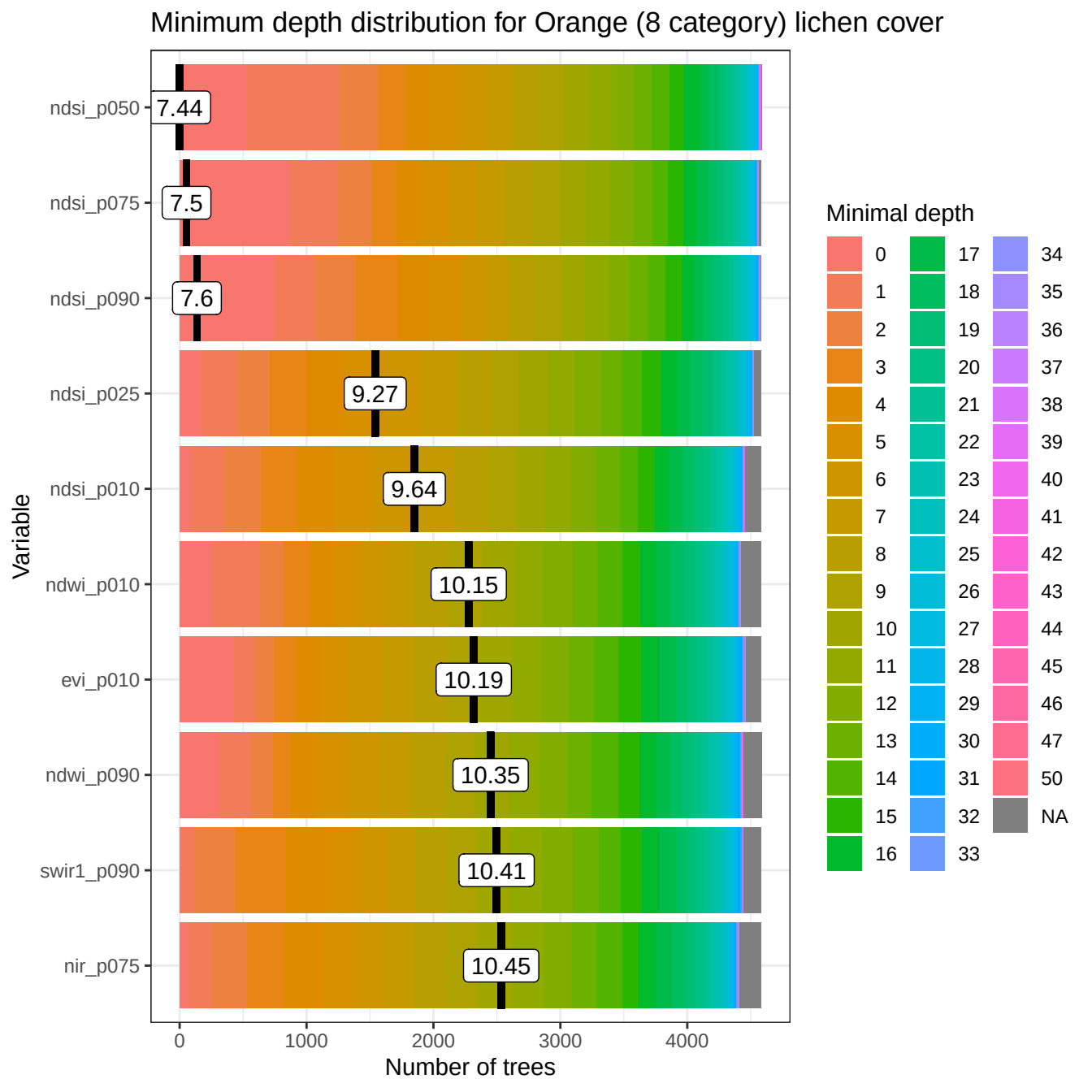

Minimum depth distribution for Black (8 category) lichen cover
swir1_p090
nir_p010
blue_p090
ndsi_p090
nbr_p050
swir1_p010
ndsi_p010
swir2_p090
ndsi_p075
swir1_p075
6.84
7.72
8.73
8.73
9.21
9.36
9.59
9.84
10.12
10.17
Variable
0
1000
2000
3000
4000
Number of trees
Minimal depth
0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18
19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37
38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56
57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 73 76 78 NA

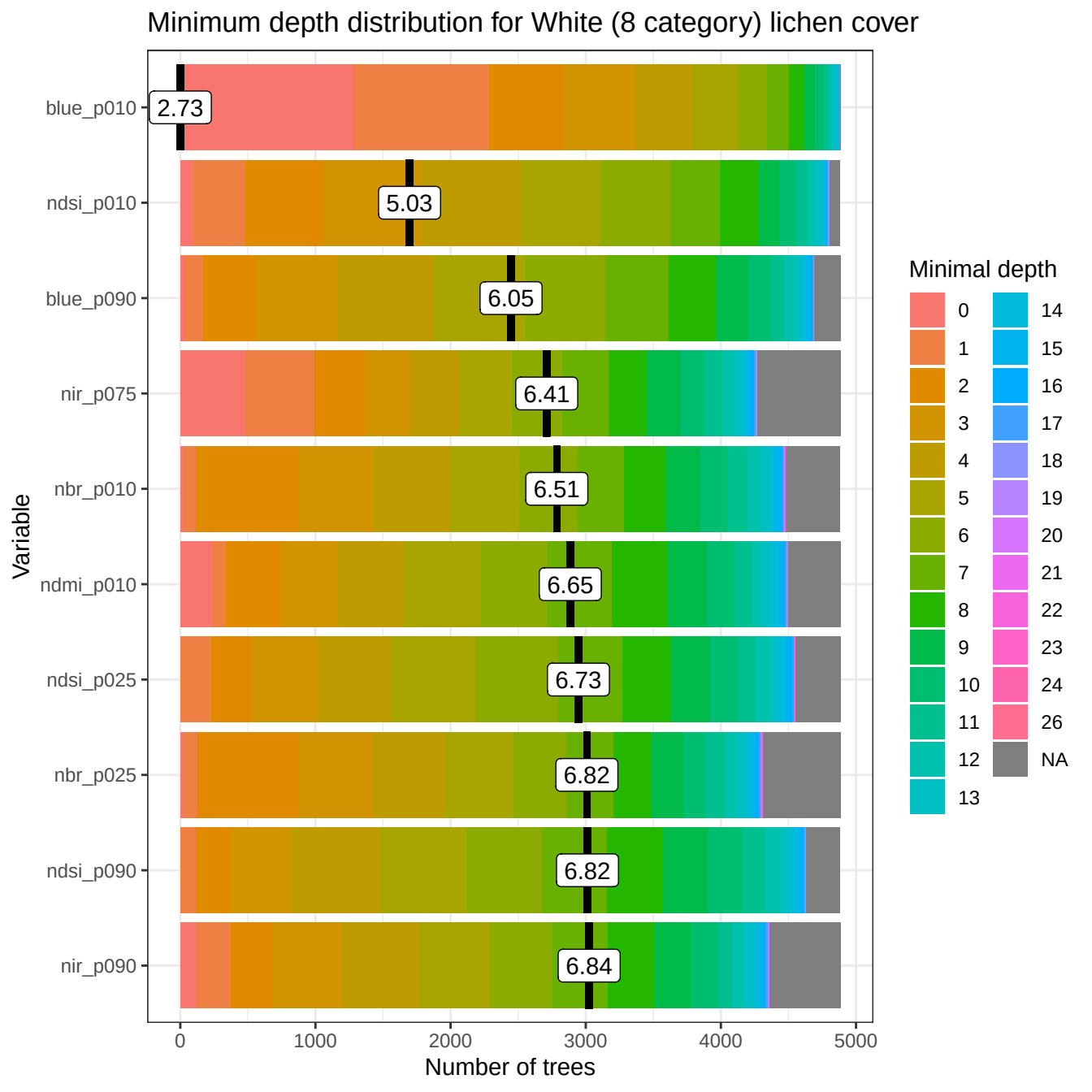

Minimum depth distribution for Brown (8 category) lichen cover
blue_p010
ndsi_p010
blue_p090
ndmi_p010
ndsi_p025
ndsi_p090
ndwi_p090
green_p090
ndmi_p090
ndsi_p075
3.38
4.9
5.93
6.22
6.34
6.53
6.55
6.61
6.61
6.69
Variable
0
1000
2000
3000
4000
5000
Number of trees
Minimal depth
0
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
16
17
18
19
20
21
22
25
NA

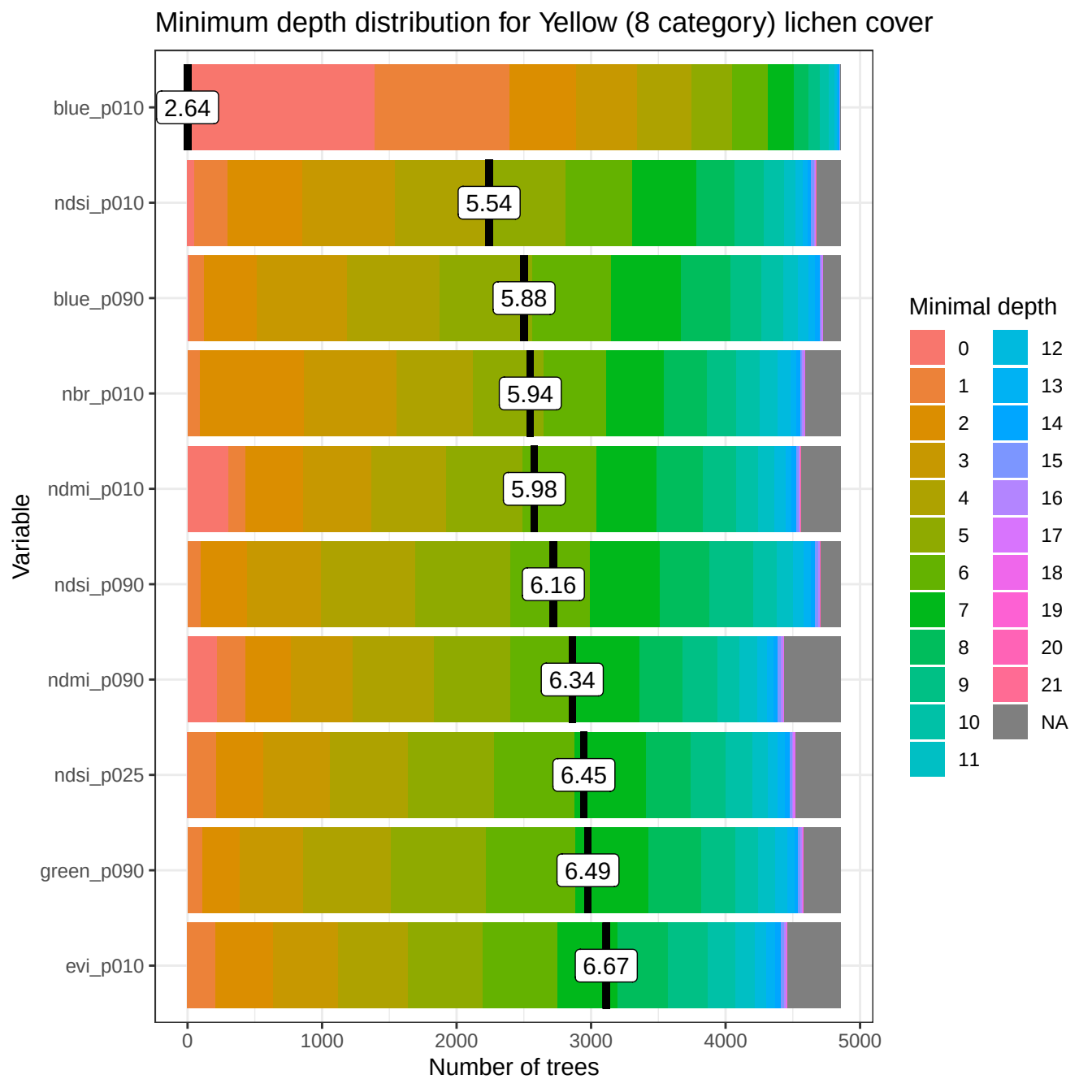

Minimum depth distribution for Gray (8 category) lichen cover
blue_p010
nir_p075
ndsi_p010
nbr_p010
ndmi_p010
blue_p090
nbr_p025
nir_p090
ndsi_p090
evi_p010
3.71
5.56
5.69
6.02
6.08
6.11
6.15
6.24
6.65
6.71
Variable
0
1000
2000
3000
4000
5000
Number of trees
Minimal depth
0
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
16
17
18
19
20
21
22
23
24
26
27
NA


Minimum depth distribution for Gray−green (8 category) lichen cover
Variable
ndsi_p025
ndsi_p050
blue_p010
ndsi_p010
evi_p010
ndsi_p090
green_p090
blue_p075
ndwi_p090
red_p090
5.28
5.56
5.78
5.98
6.12
6.19
6.66
6.74
6.77
6.8
0
1000
2000
3000
4000
Number of trees
Minimal depth
0
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
16
17
18
19
20
21
22
23
24
25
26
28
29
NA


Minimum depth distribution for Green (8 category) lichen cover
ndsi_p090
ndsi_p075
evi_p010
blue_p090
ndsi_p010
blue_p010
nir_p090
green_p090
ndwi_p090
swir1_p010
5.63
7.27
7.32
7.42
7.48
7.5
7.73
7.79
7.92
7.97
Variable
0
1000
2000
3000
4000
5000
Number of trees
Minimal depth
0
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
16
17
18
19
20
21
22
23
24
25
26
27
28
29
30
31
32
33
34
35
36
37
38
39
40
41
42
43
44
45
47
48
51
54
NA


Minimum depth distribution for Orange (8 category) lichen cover
ndsi_p050
ndsi_p075
ndsi_p090
ndsi_p025
ndsi_p010
ndwi_p010
evi_p010
ndwi_p090
swir1_p090
nir_p075
7.44
7.5
7.6
9.27
9.64
10.15
10.19
10.35
10.41
10.45
Variable
0
1000
2000
3000
4000
Number of trees
Minimal depth
0
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
16
17
18
19
20
21
22
23
24
25
26
27
28
29
30
31
32
33
34
35
36
37
38
39
40
41
42
43
44
45
46
47
50
NA


Minimum depth distribution for White (8 category) lichen cover
Variable
blue_p010
ndsi_p010
blue_p090
nir_p075
nbr_p010
ndmi_p010
ndsi_p025
nbr_p025
ndsi_p090
nir_p090
2.73
5.03
6.05
6.41
6.51
6.65
6.73
6.82
6.82
6.84
0
1000
2000
3000
4000
5000
Number of trees
Minimal depth
0
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
16
17
18
19
20
21
22
23
24
26
NA


Minimum depth distribution for Yellow (8 category) lichen cover
blue_p010
ndsi_p010
blue_p090
nbr_p010
ndmi_p010
ndsi_p090
ndmi_p090
ndsi_p025
green_p090
evi_p010
2.64
5.54
5.88
5.94
5.98
6.16
6.34
6.45
6.49
6.67
Variable
0
1000
2000
3000
4000
5000
Number of trees
Minimal depth
0
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
16
17
18
19
20
21
NA