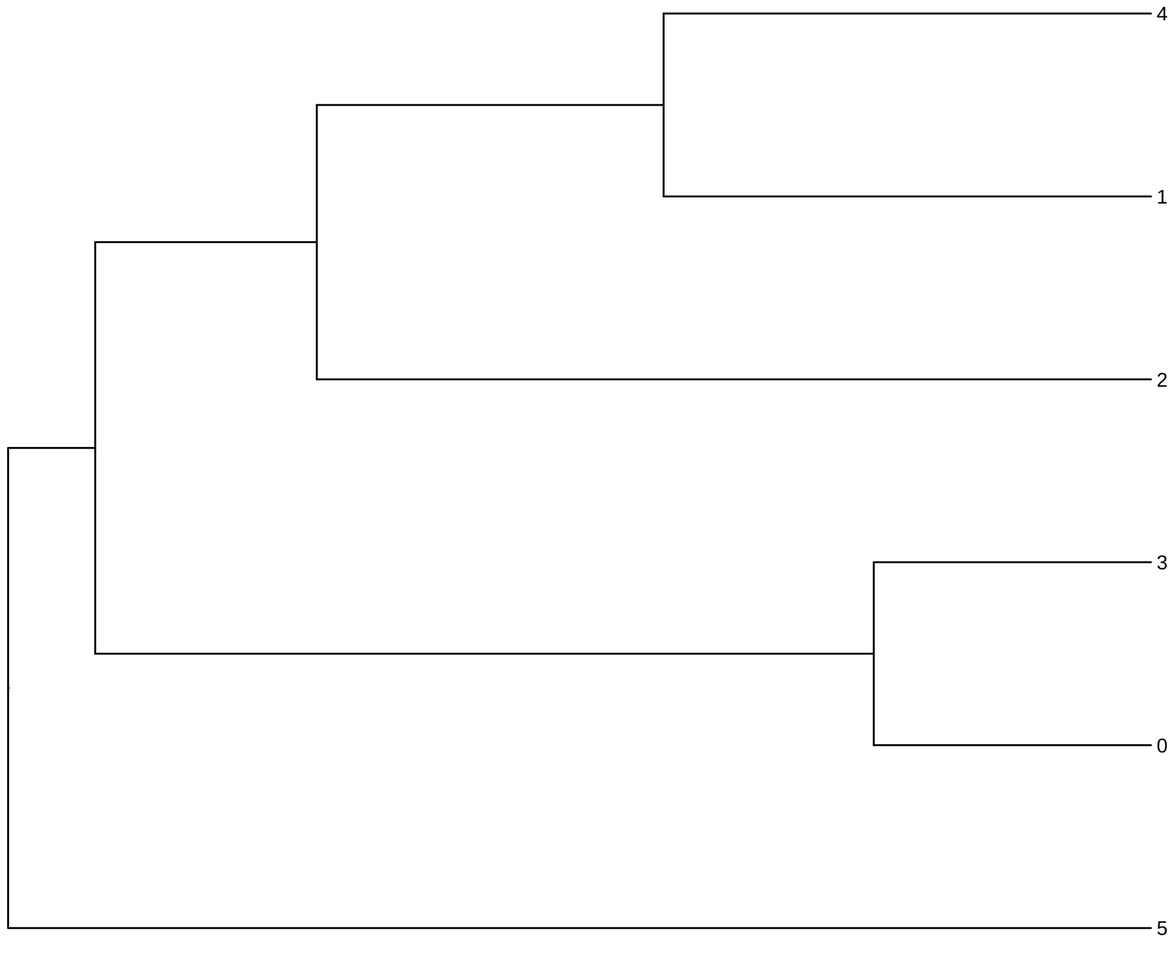
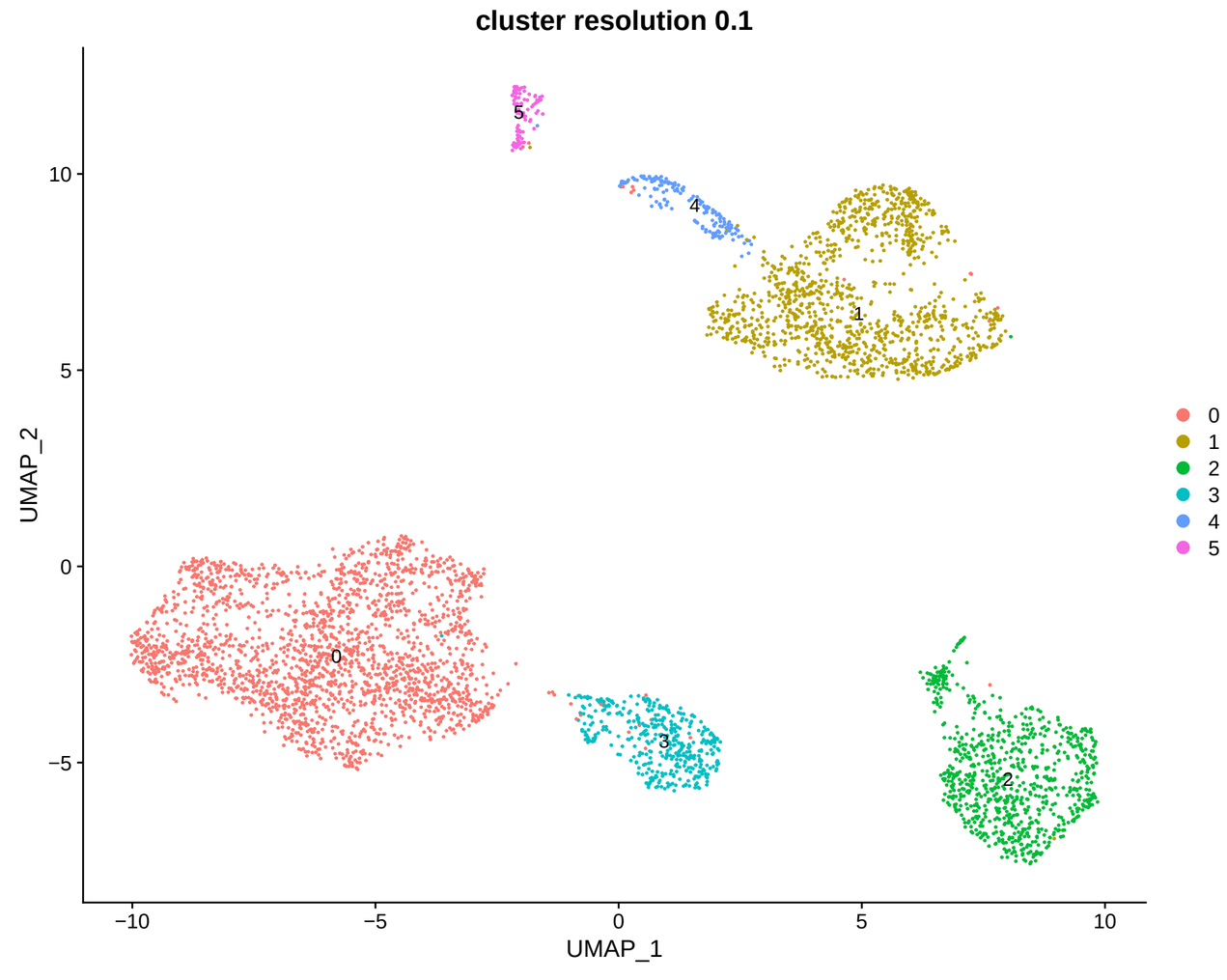
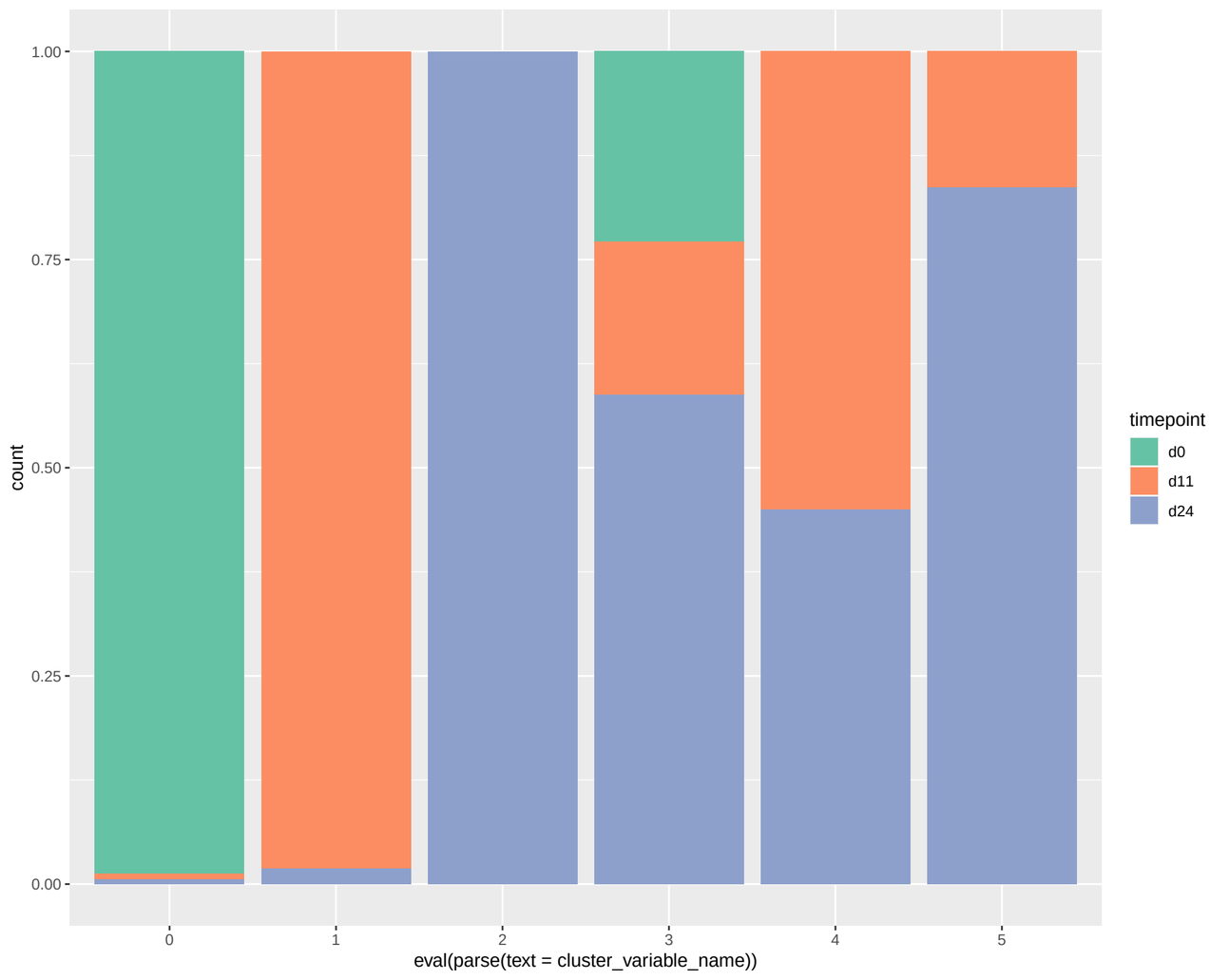
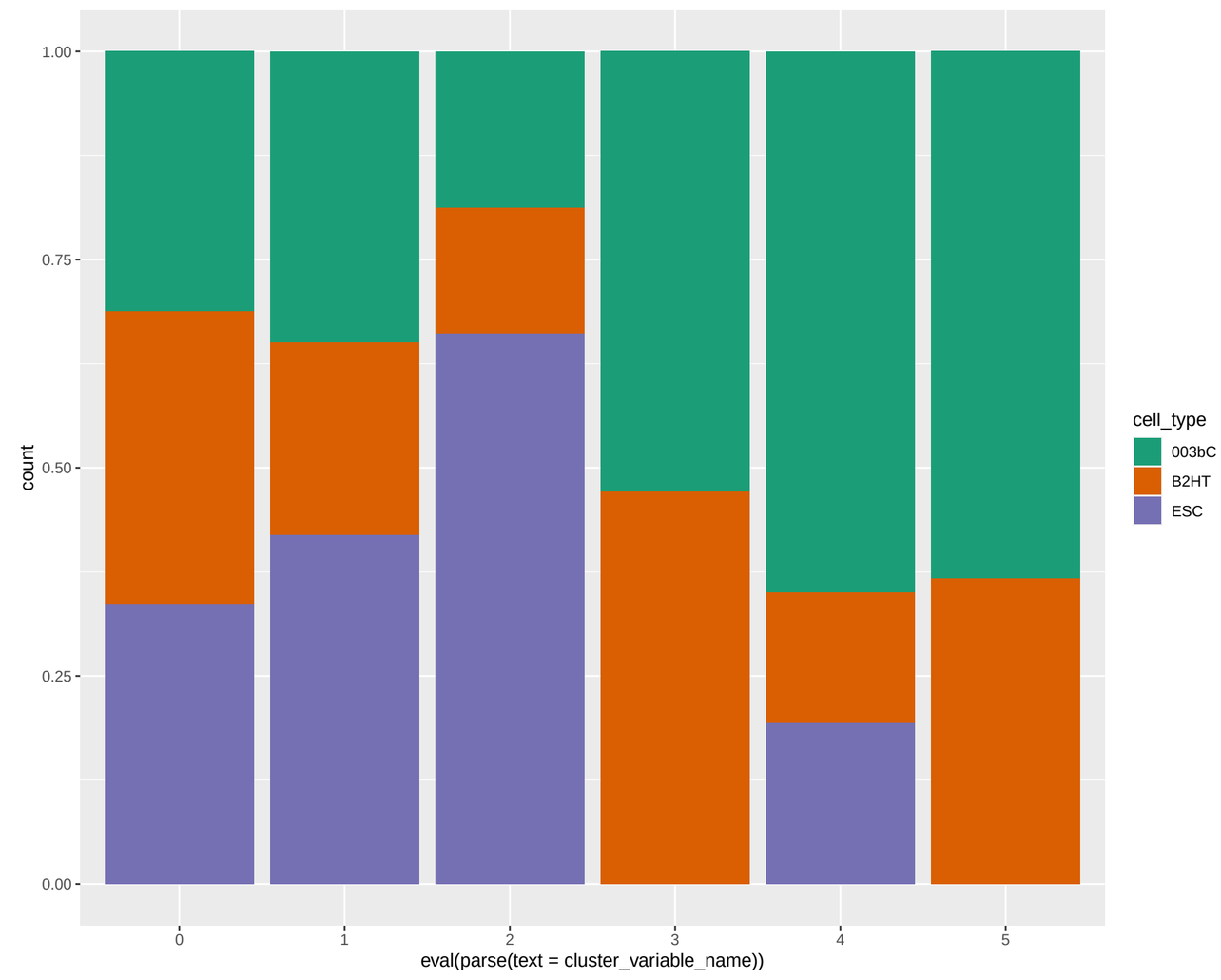
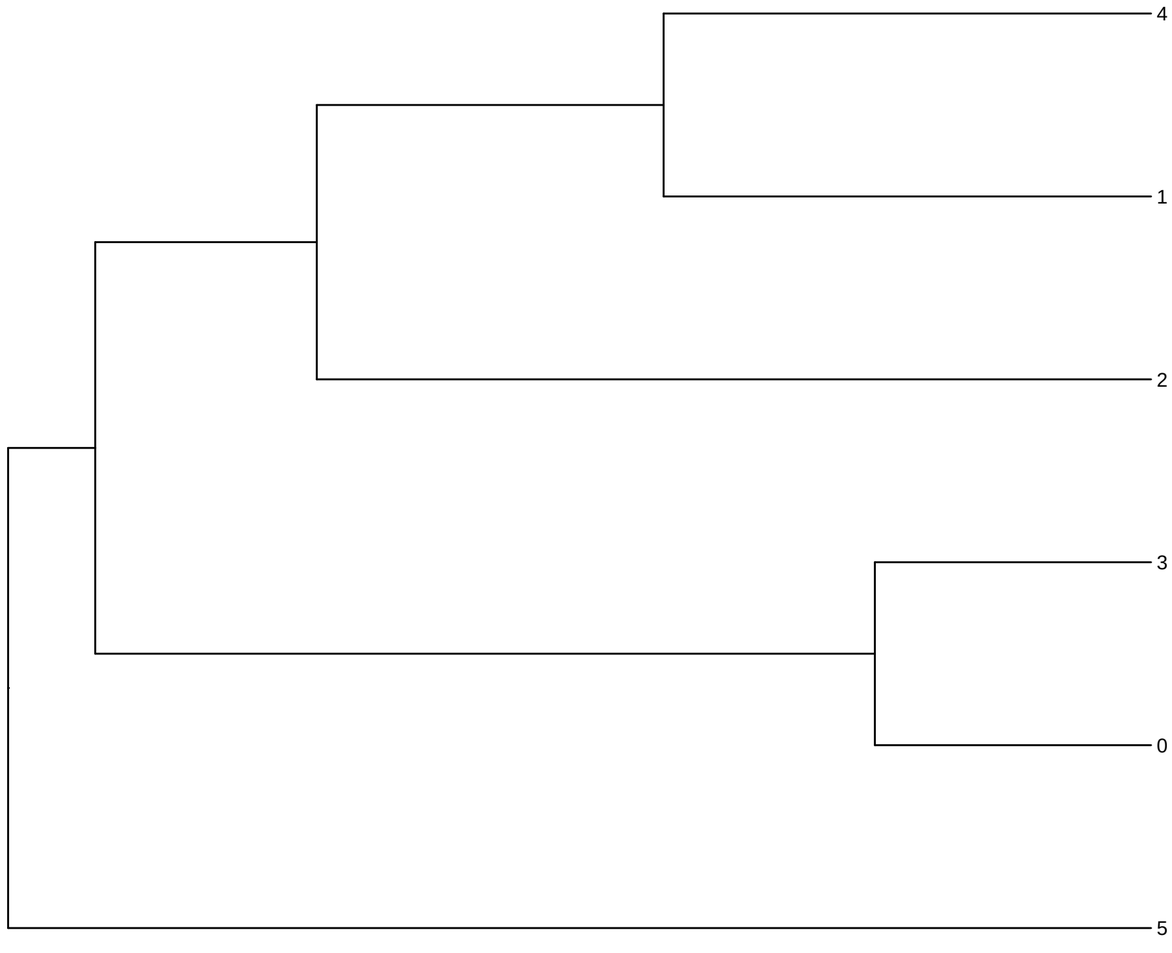

4
1
2
3
0
5


cluster resolution 0.1
UMAP_2
UMAP_1
10
5
0
−5
−10
−5
0
5
10
5
4
1
0
3
2
0
1
2
3
4
5


count
1.00
0.75
0.50
0.25
0.00
0
1
2
3
4
5
eval(parse(text = cluster_variable_name))
timepoint
d0
d11
d24


count
1.00
0.75
0.50
0.25
0.00
0
1
2
3
4
5
eval(parse(text = cluster_variable_name))
cell_type
003bC
B2HT
ESC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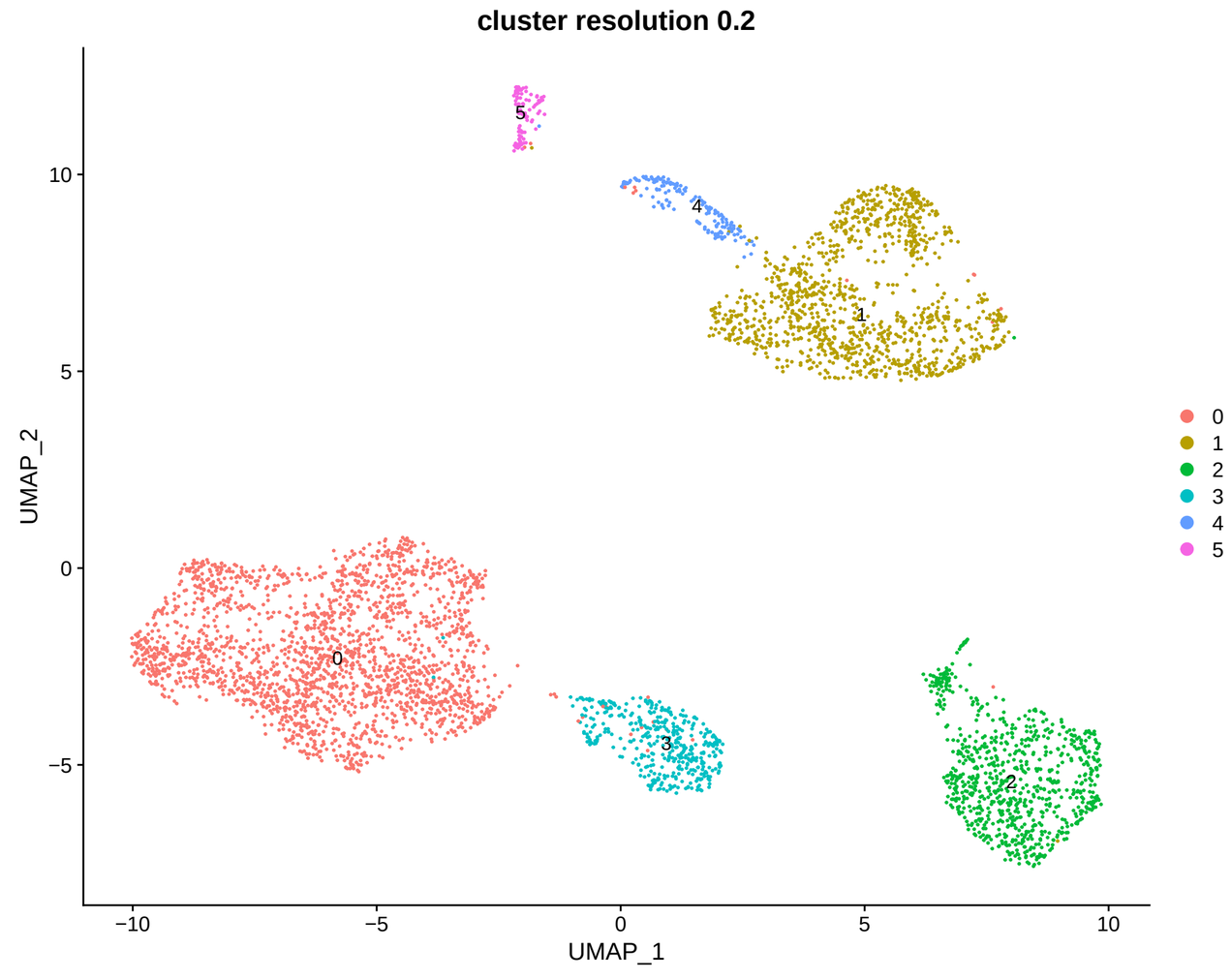
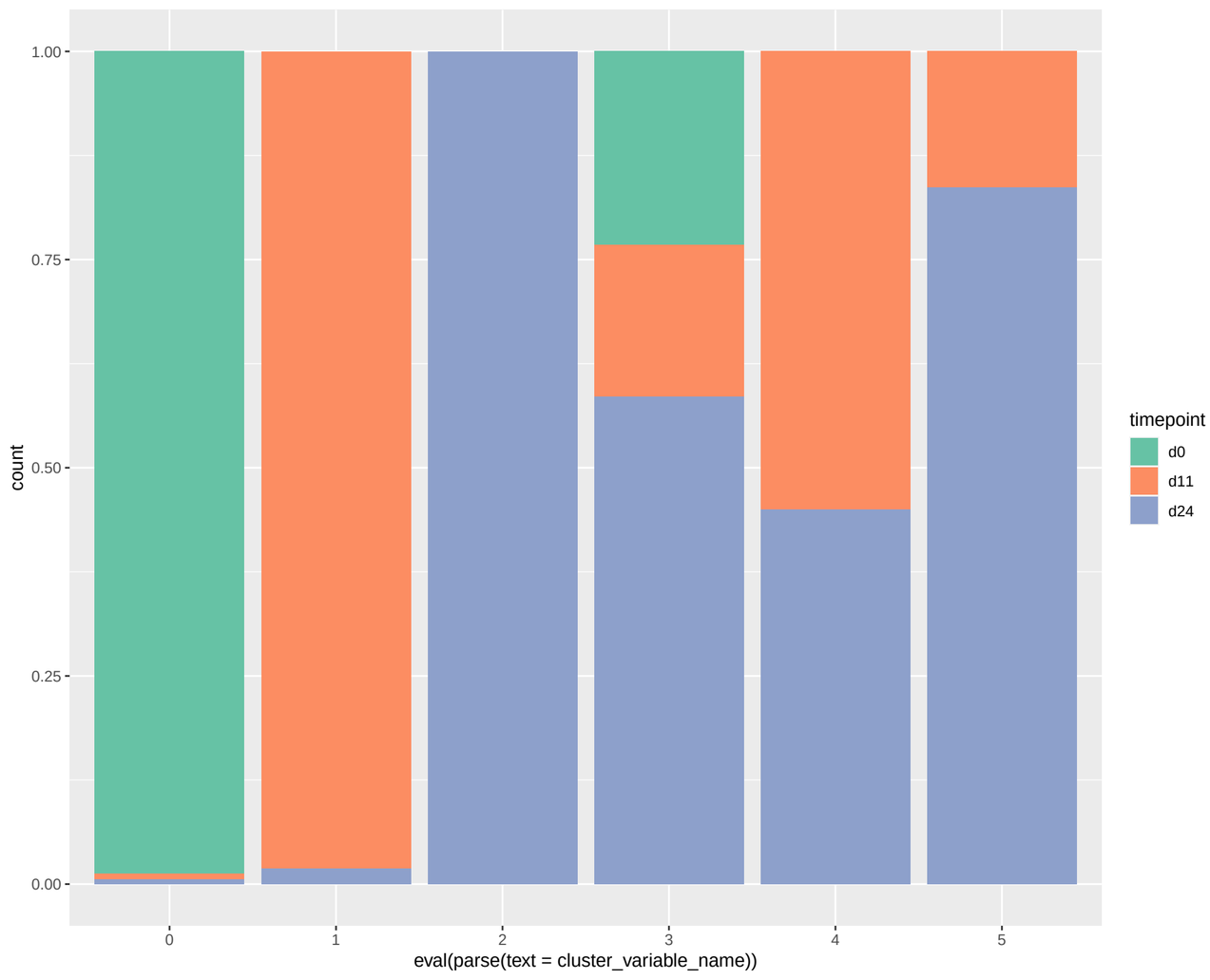
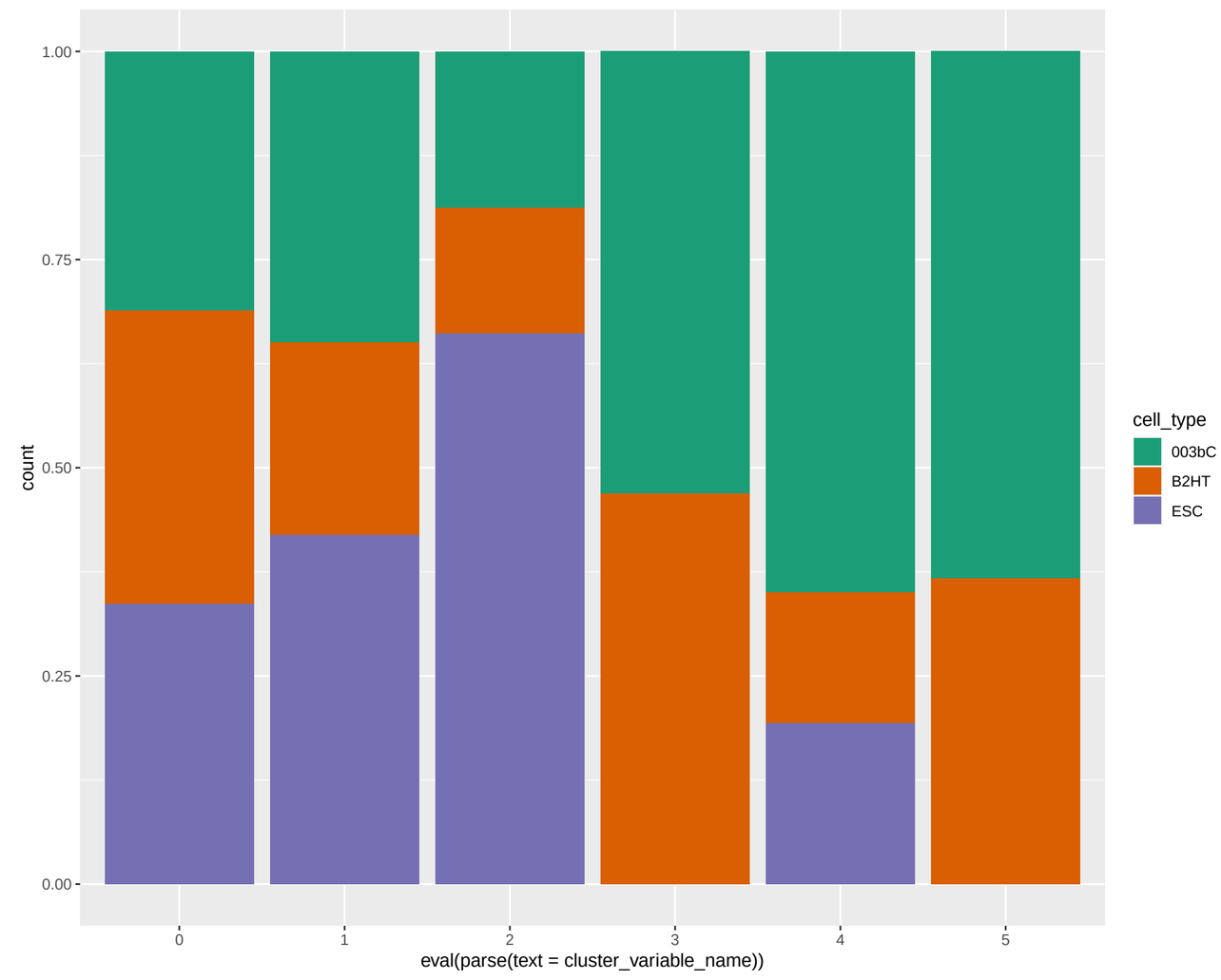
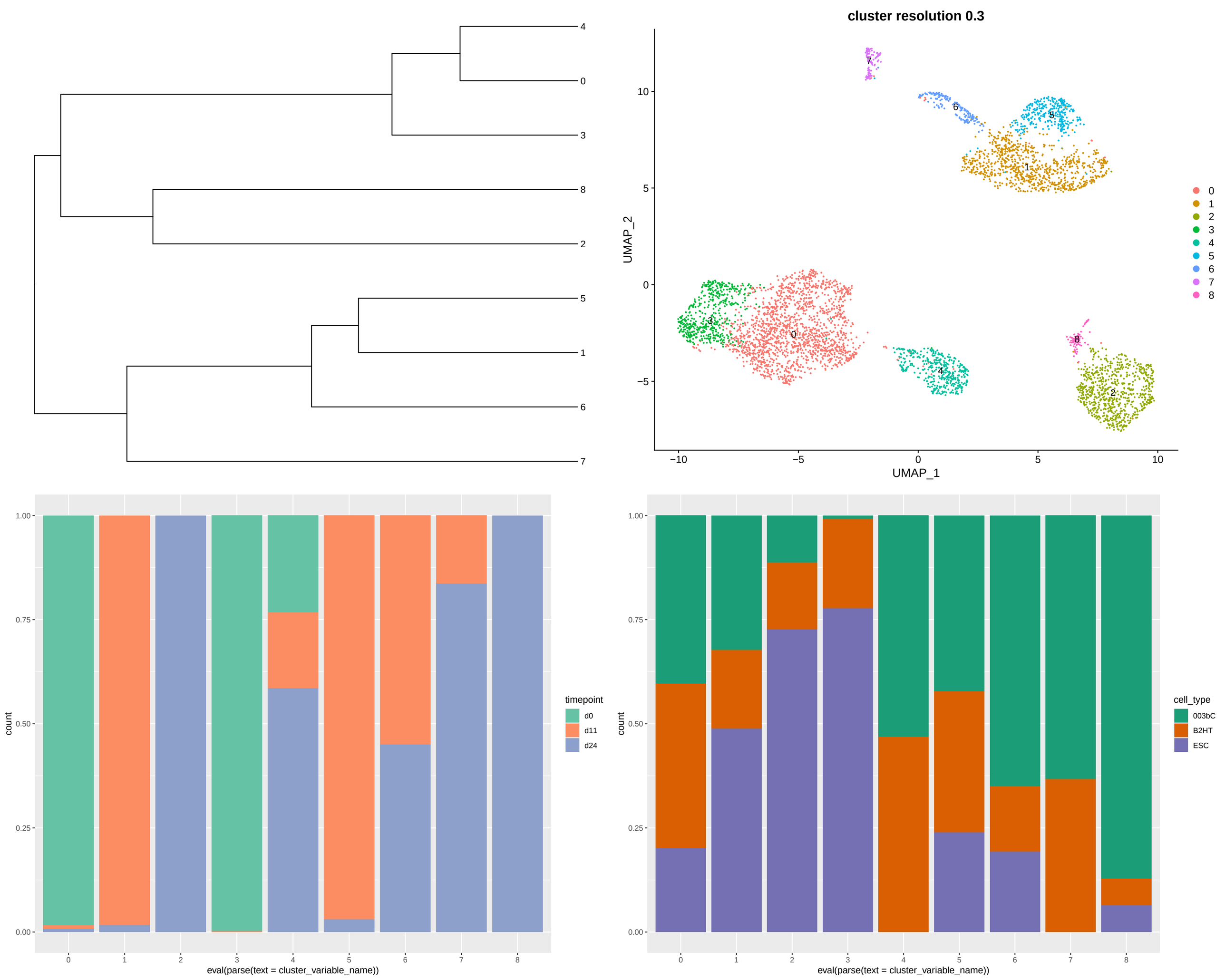
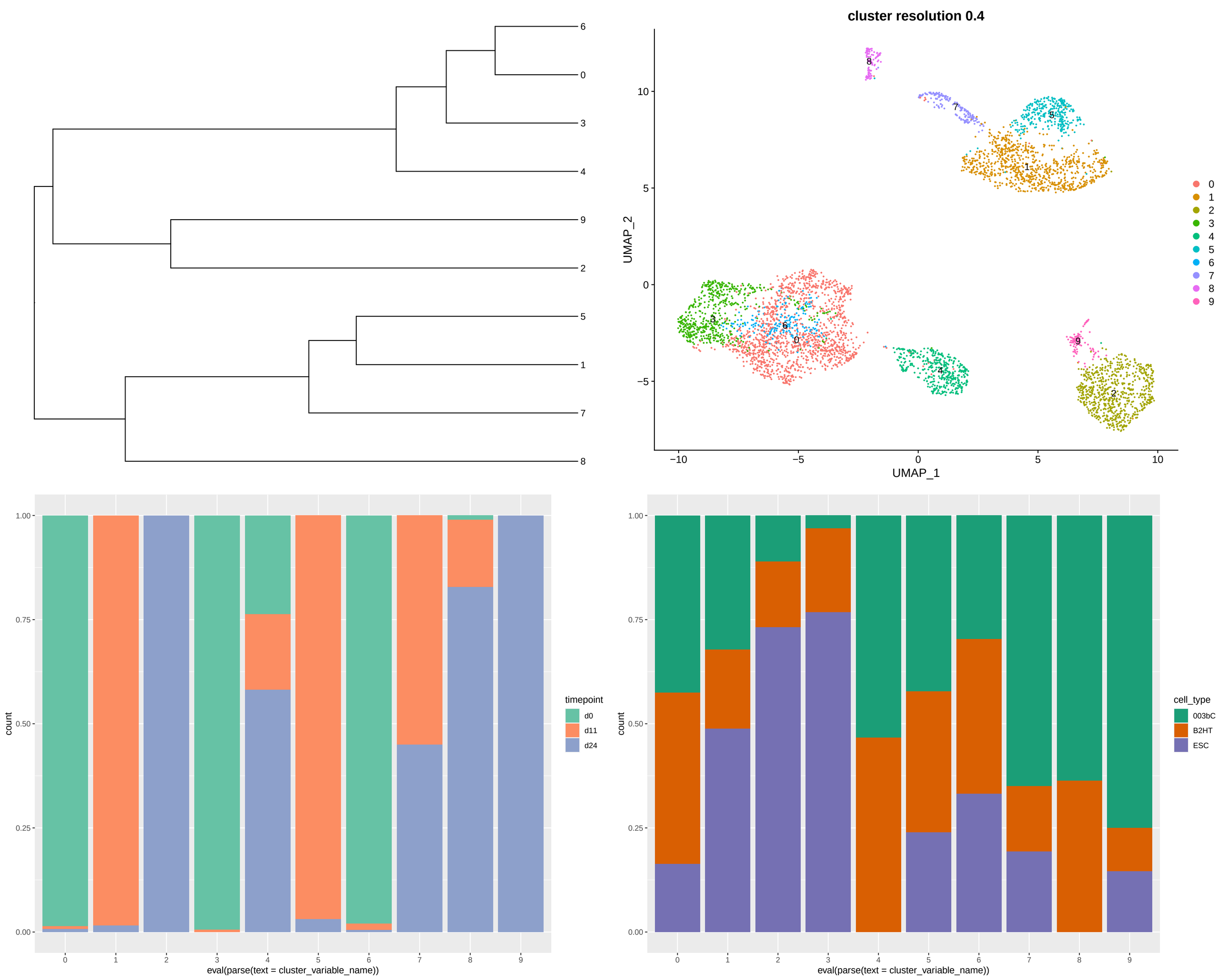
1
2
3
0
5

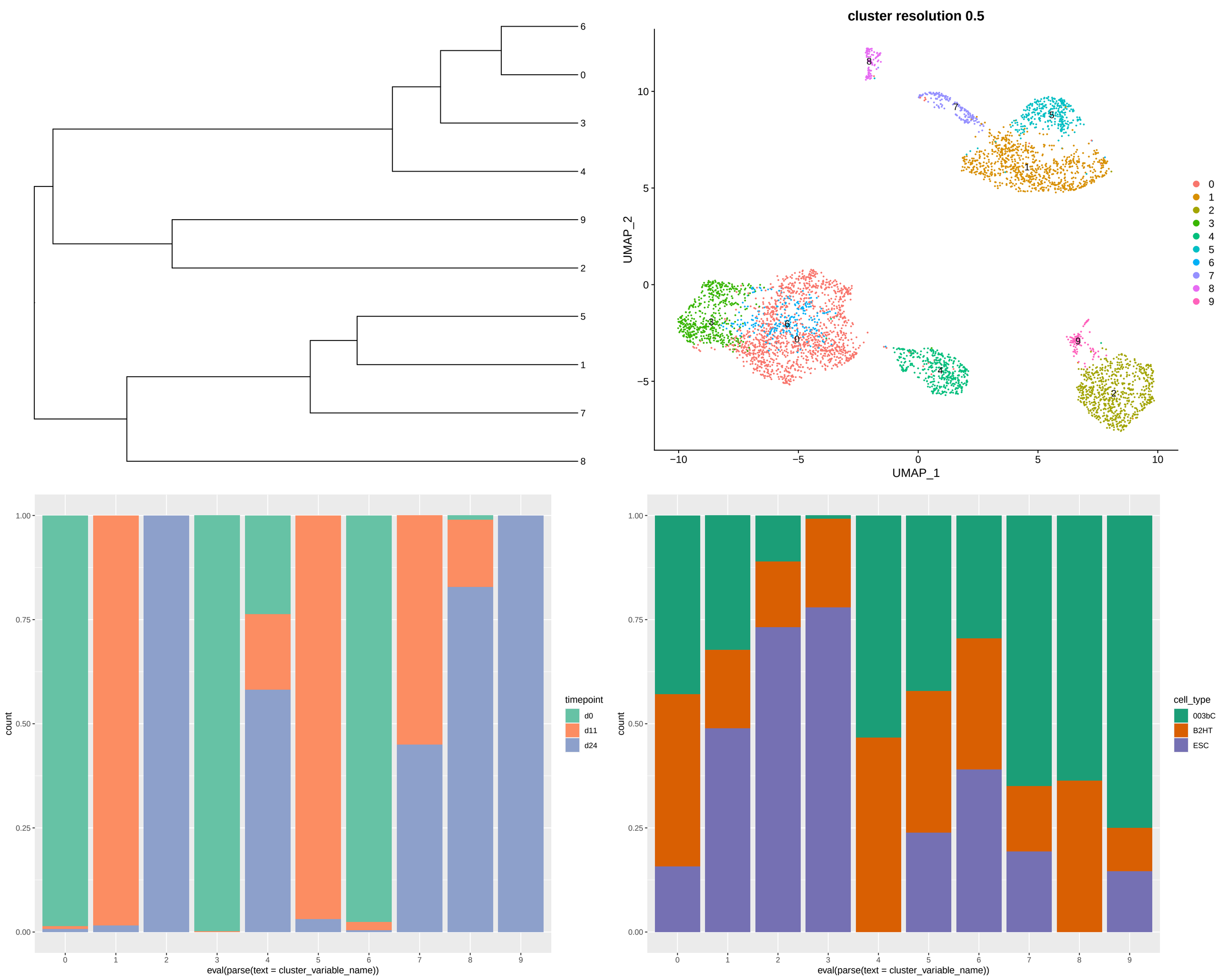

cluster resolution 0.2
UMAP_2
UMAP_1
10
5
0
−5
−10
−5
0
5
10
0
1
2
3
4
5

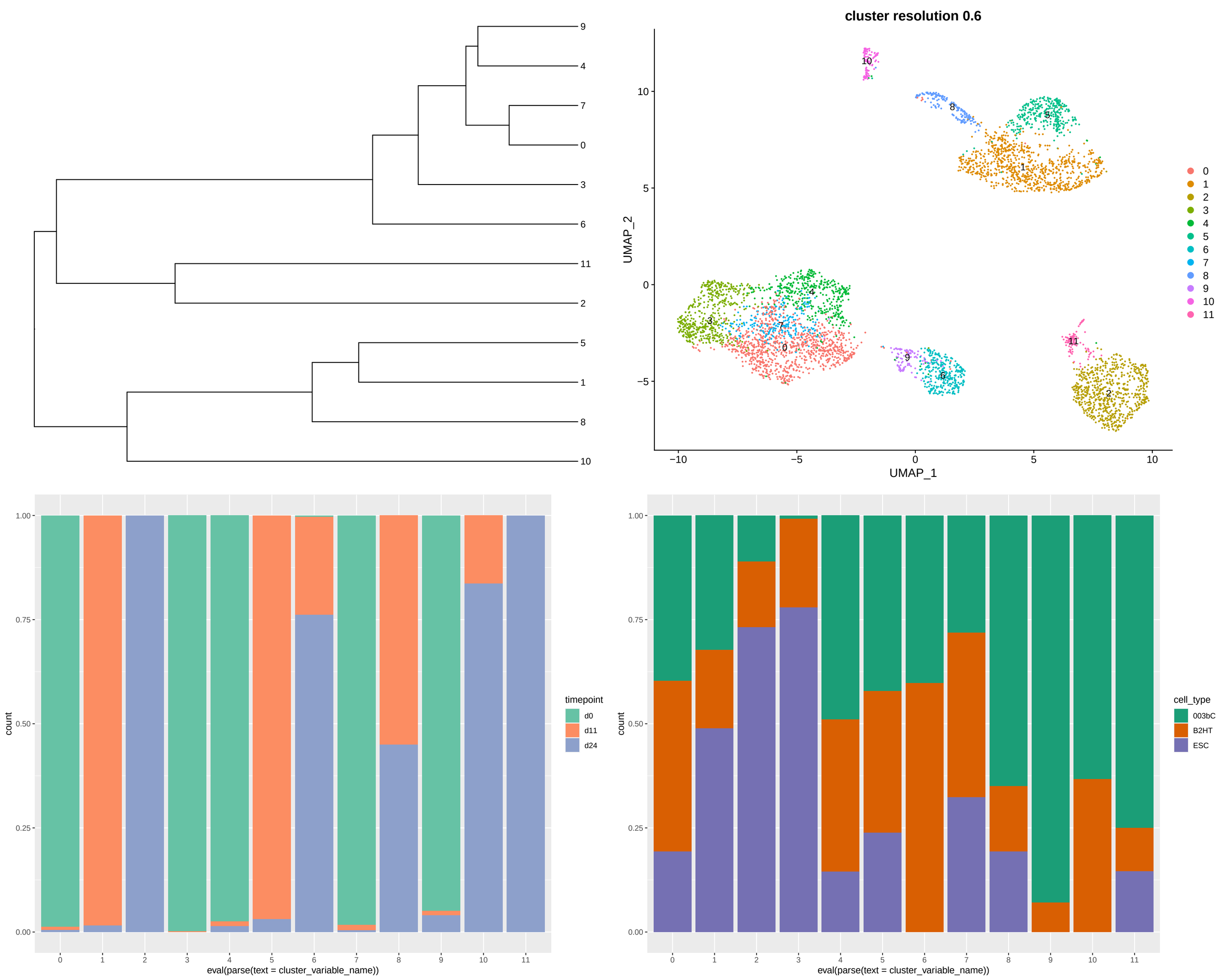

count
1.00
0.75
0.50
0.25
0.00
0
1
2
3
4
5
eval(parse(text = cluster_variable_name))
timepoint
d0
d11
d24

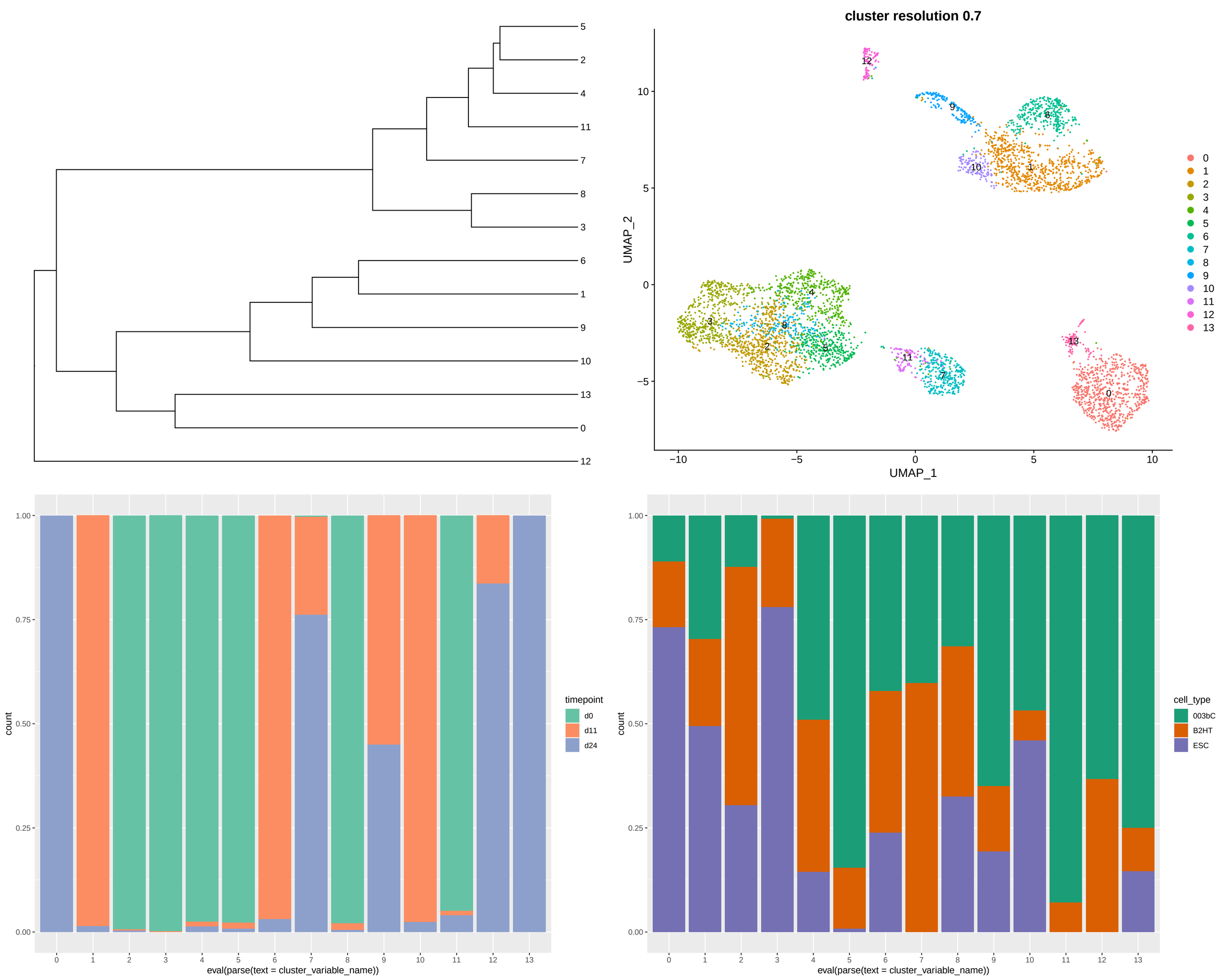

count
1.00
0.75
0.50
0.25
0.00
0
1
2
3
4
5
eval(parse(text = cluster_variable_name))
cell_type
003bC
B2HT
ESC

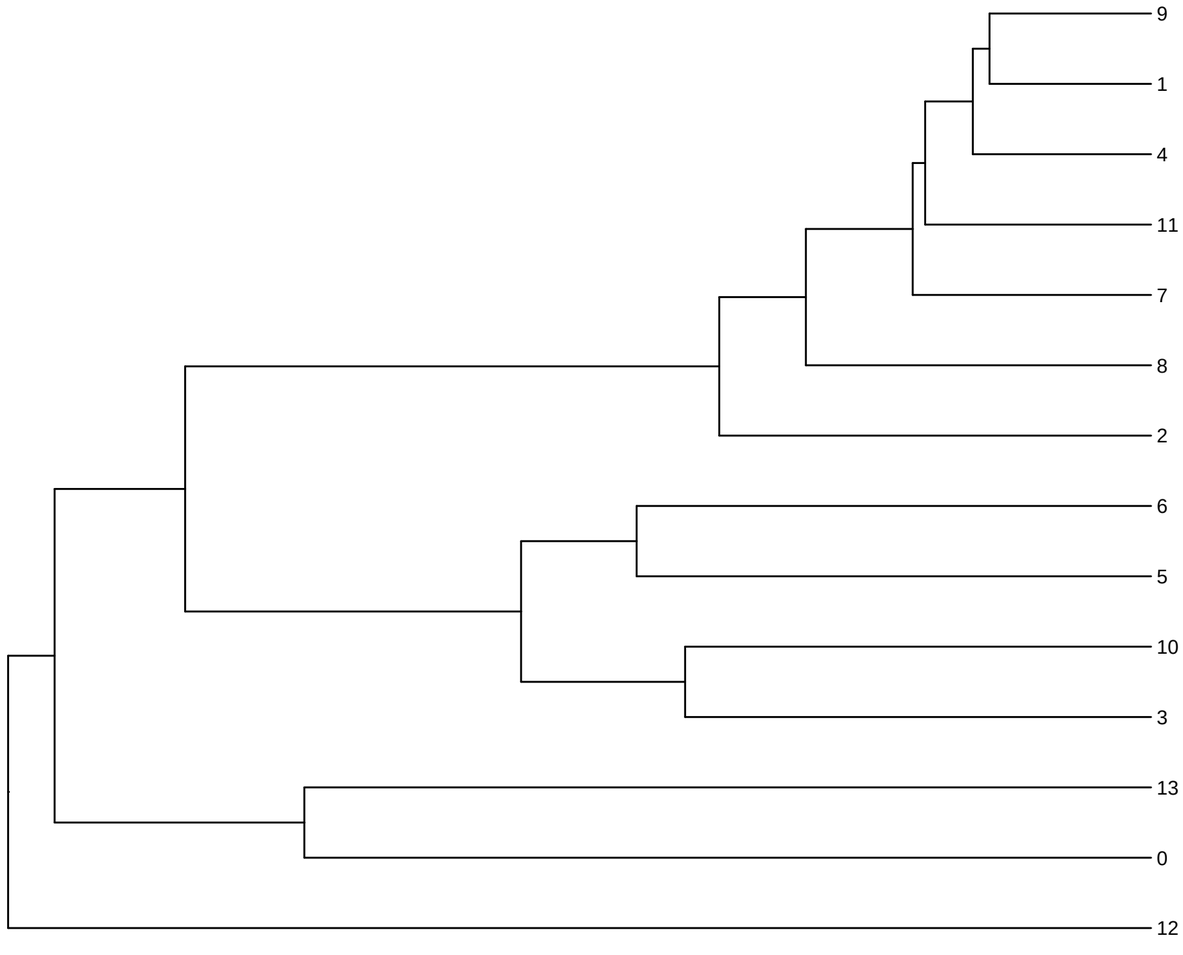

cluster resolution 0.3
UMAP_1
UMAP_2
0
1
2
3
4
5
6
7
8
count
eval(parse(text = cluster_variable_name))
timepoint
d0
d11
d24
cell_type
003bC
B2HT
ESC


cluster resolution 0.4
UMAP_1
UMAP_2
count
eval(parse(text = cluster_variable_name))
timepoint
d0
d11
d24
cell_type
003bC
B2HT
ESC


cluster resolution 0.5
UMAP_1
UMAP_2
0
1
2
3
4
5
6
7
8
9
count
eval(parse(text = cluster_variable_name))
timepoint
d0
d11
d24
cell_type
003bC
B2HT
ESC


cluster resolution 0.6
UMAP_1
UMAP_2
0
1
2
3
4
5
6
7
8
9
10
11
count
eval(parse(text = cluster_variable_name))
timepoint
d0
d11
d24
cell_type
003bC
B2HT
ESC


cluster resolution 0.7
UMAP_1
UMAP_2
0
1
2
3
4
5
6
7
8
9
10
11
12
13
count
eval(parse(text = cluster_variable_name))
timepoint
d0
d11
d24
cell_type
003bC
B2HT
ESC


9
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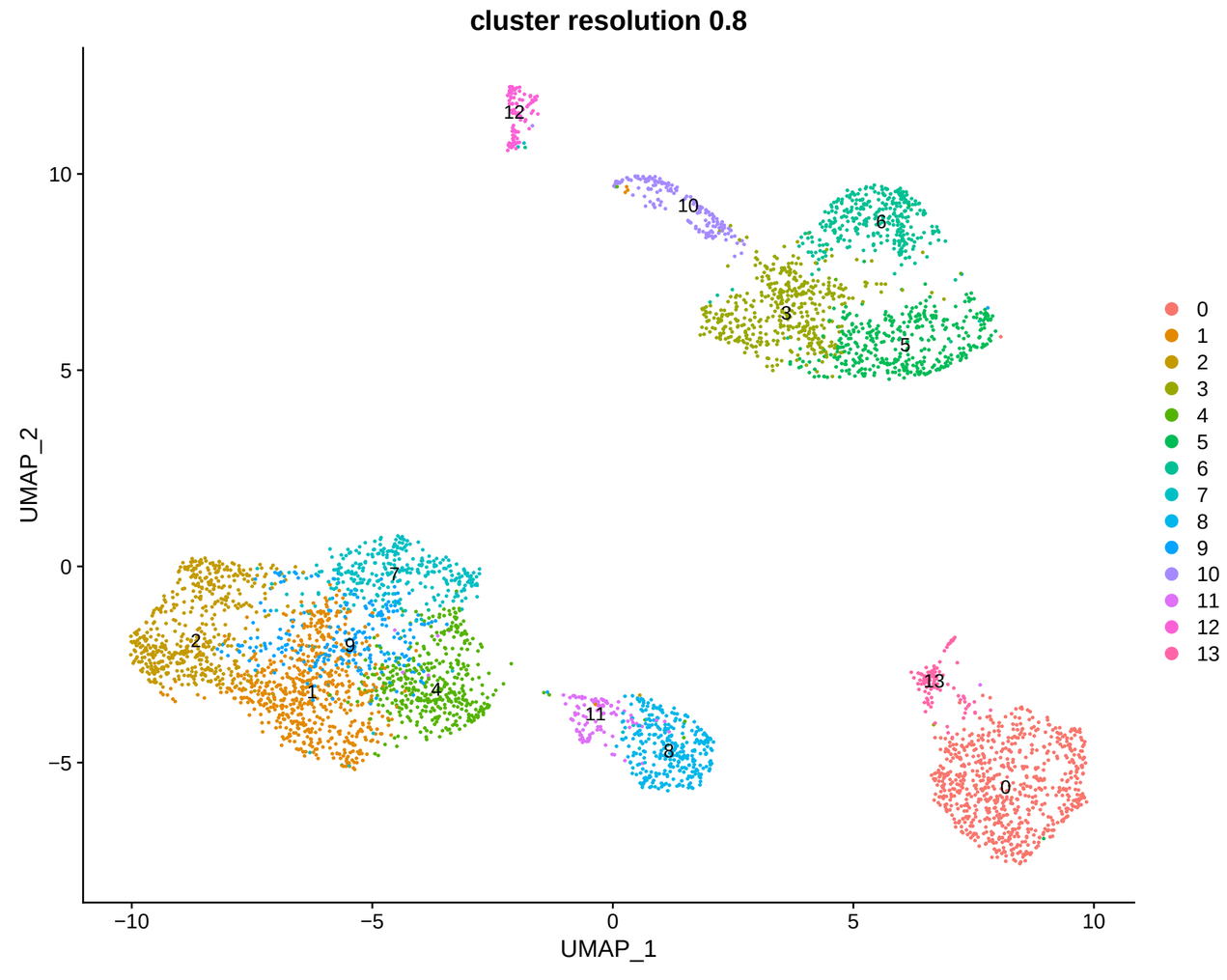
11
7
8
2
6
5
10
3
13
0
12


cluster resolution 0.8
UMAP_2
UMAP_1
10
5
0
−5
−10
−5
0
5
10
12
10
6
3
5
7
2
9
1
4
11
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13
0
0
1
2
3
4
5
6
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8
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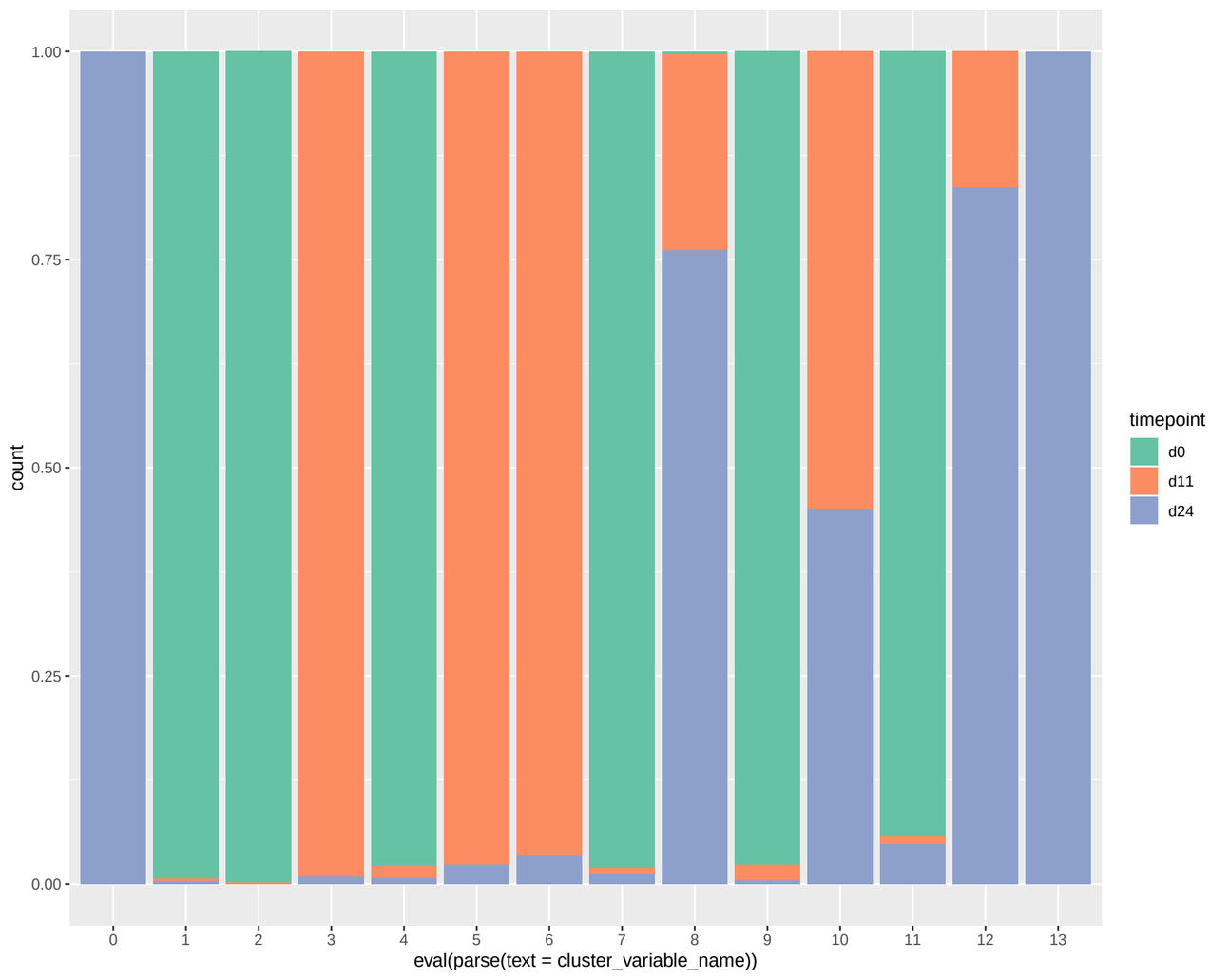
10
11
12
13


count
1.00
0.75
0.50
0.25
0.00
0
1
2
3
4
5
6
7
8
9
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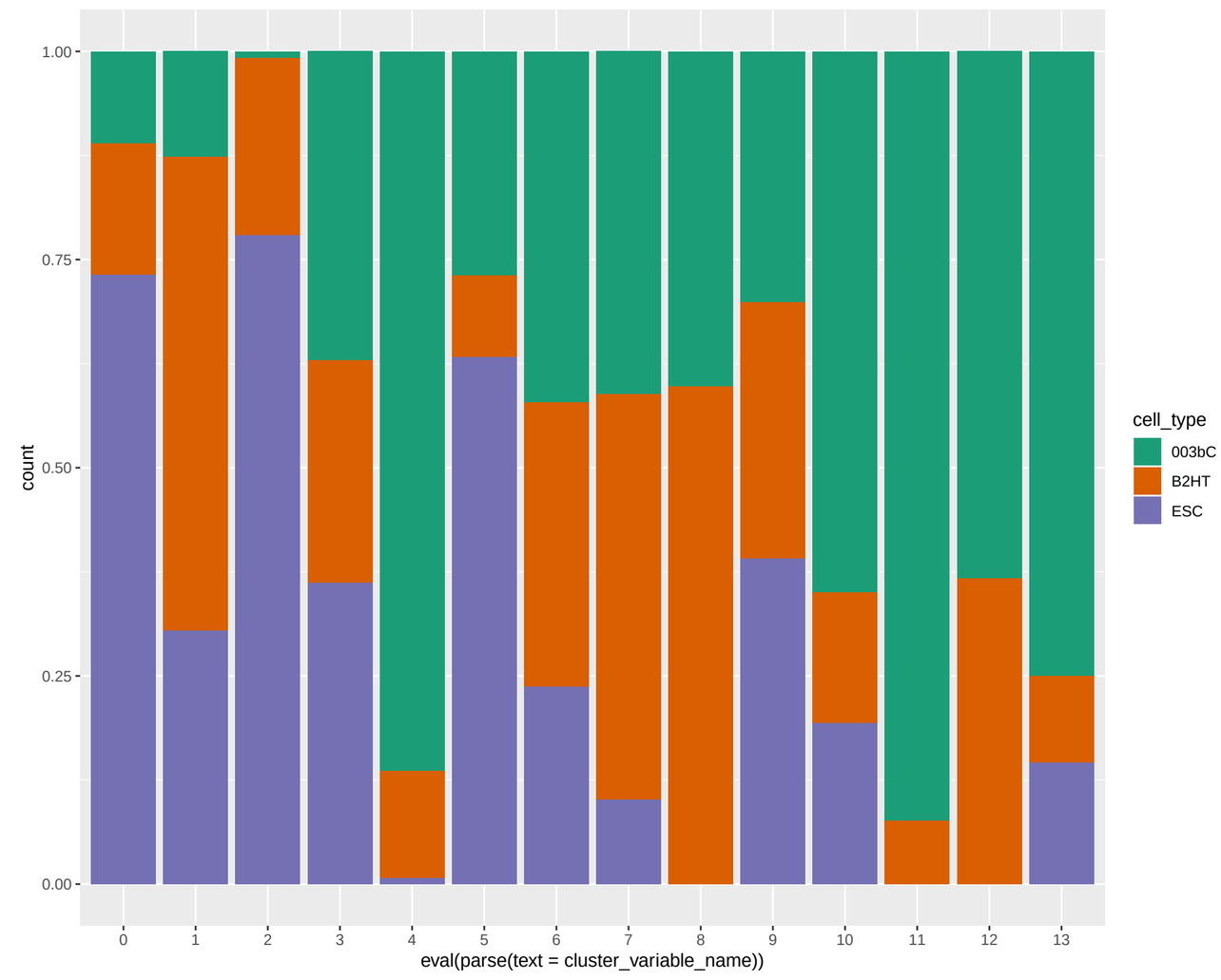
13
eval(parse(text = cluster_variable_name))
timepoint
d0
d11
d24


count
1.00
0.75
0.50
0.25
0.00
0
1
2
3
4
5
6
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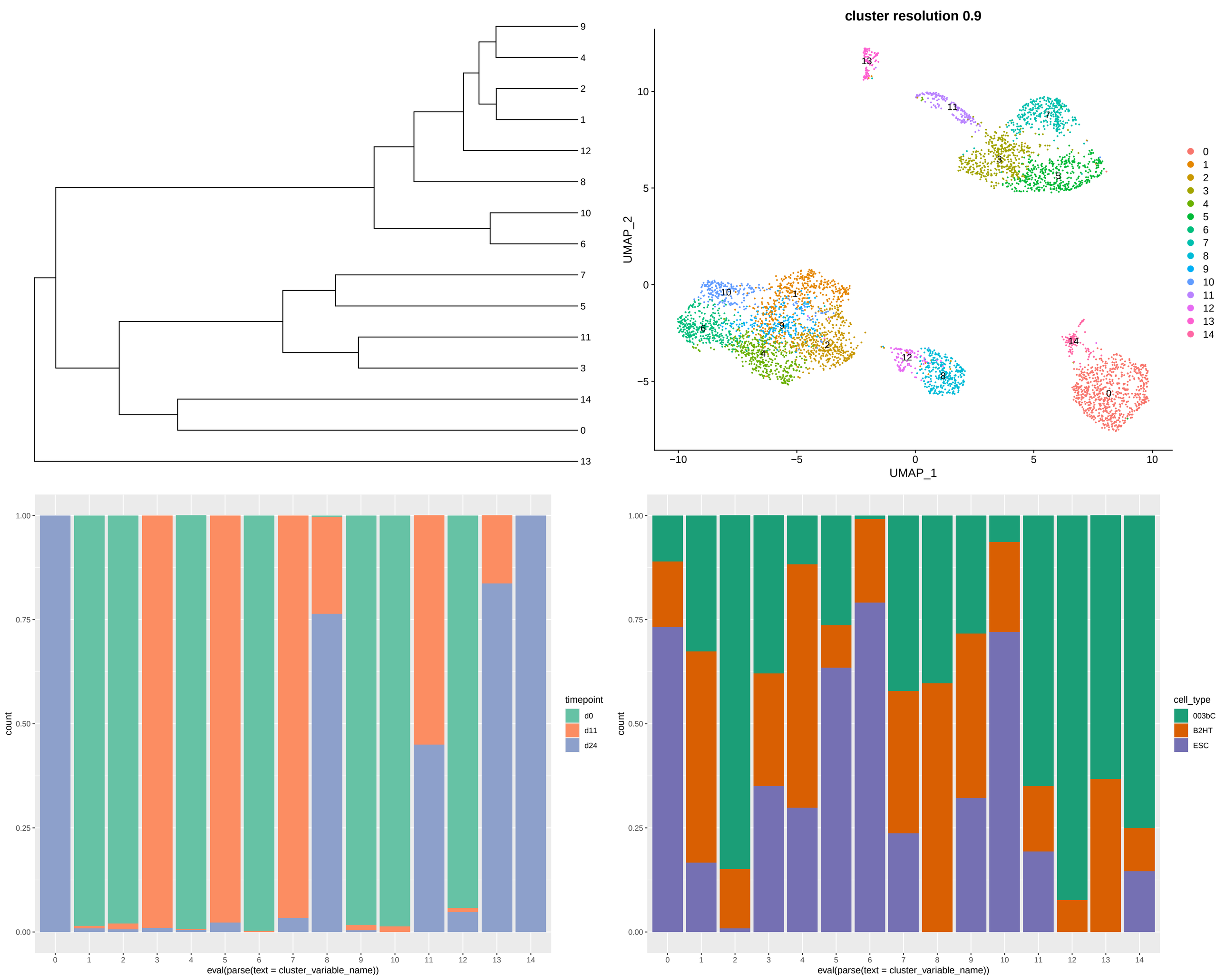
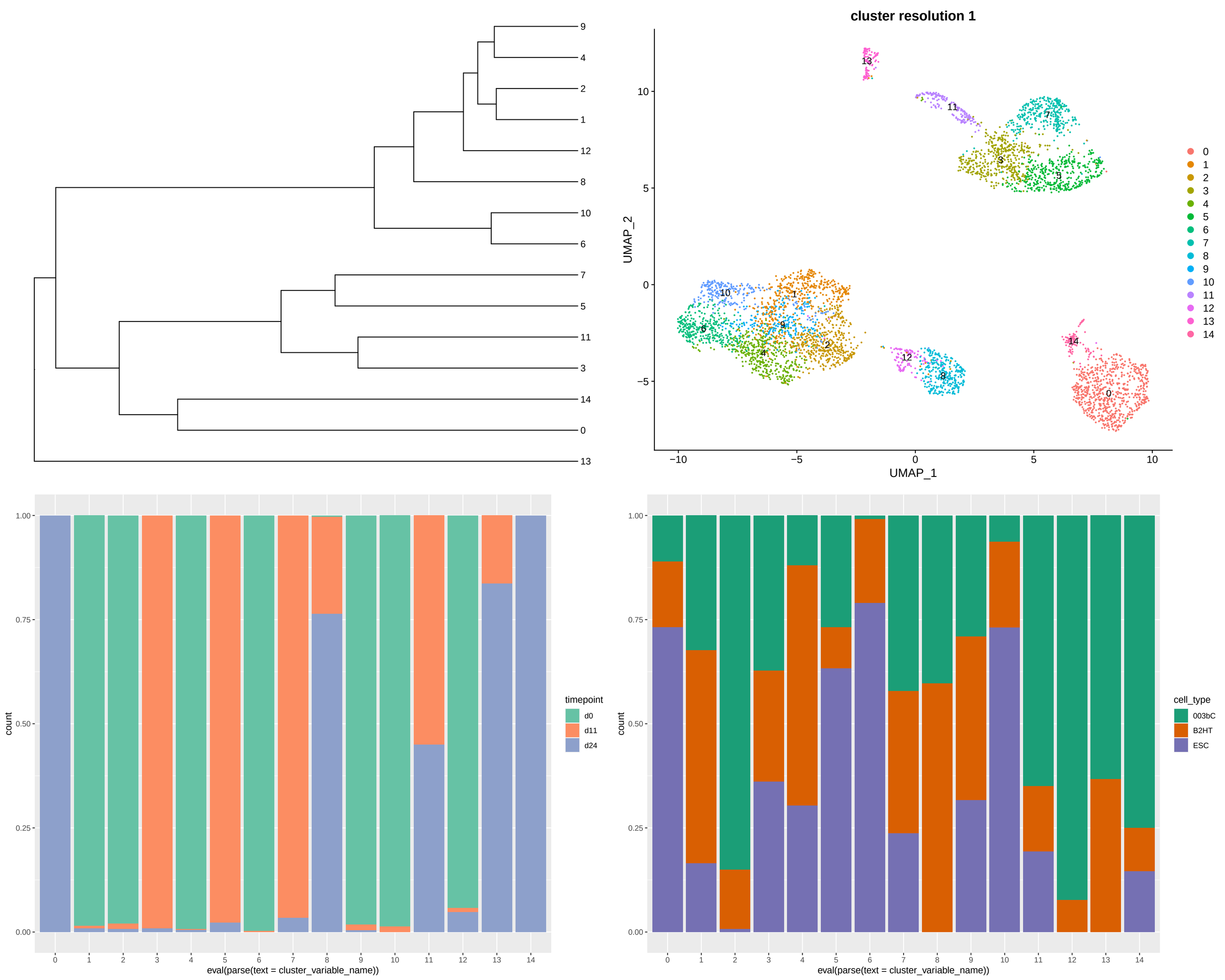
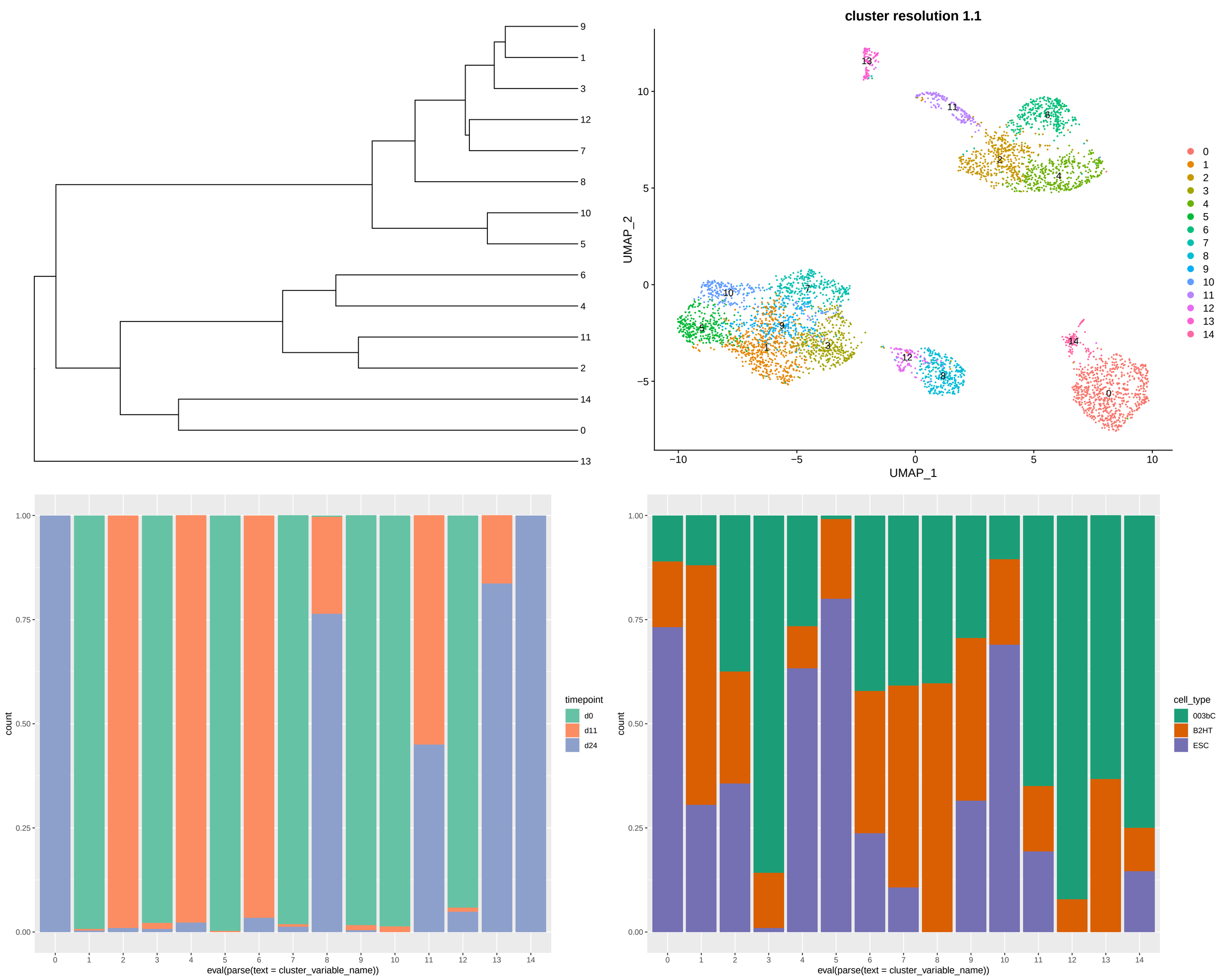
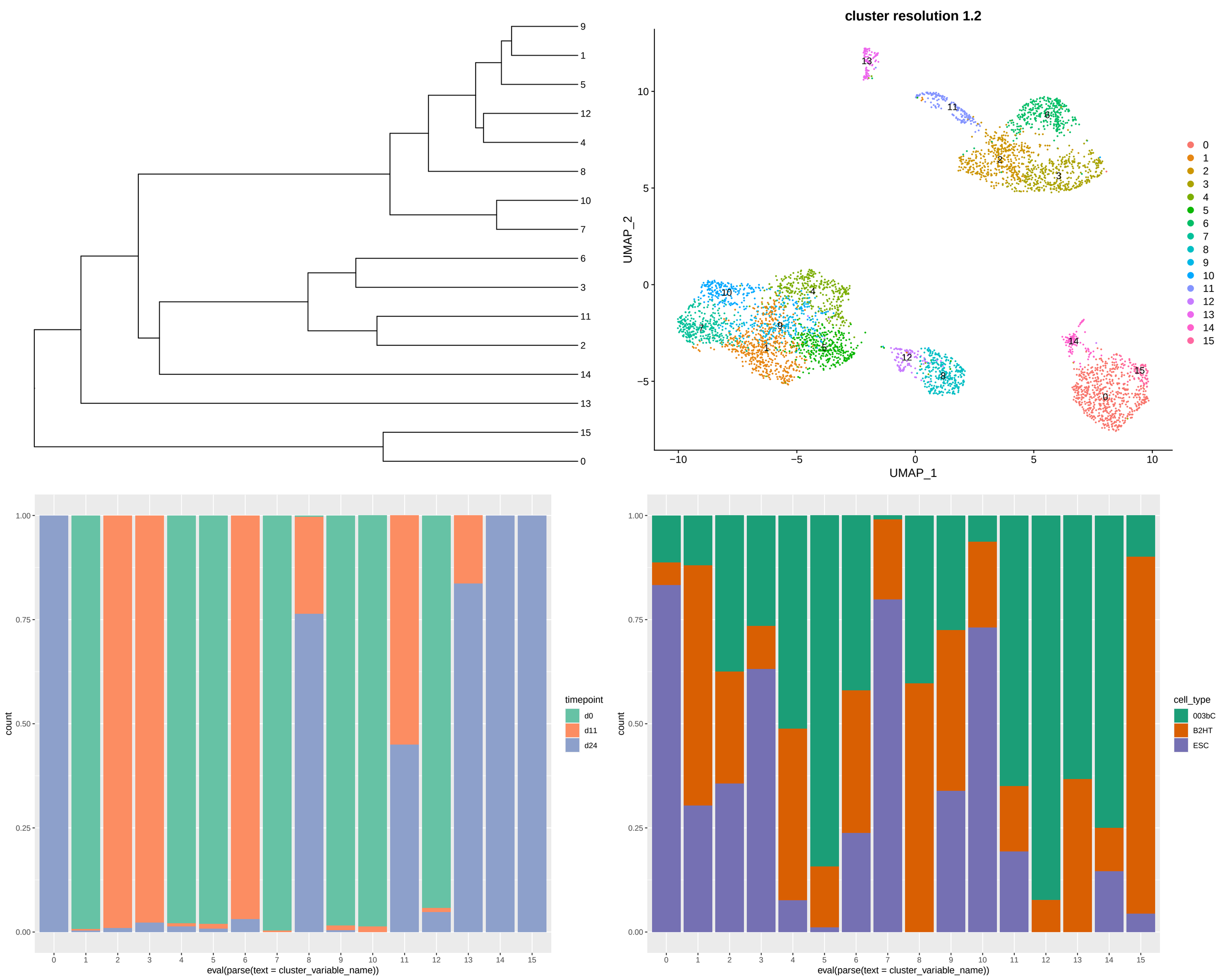
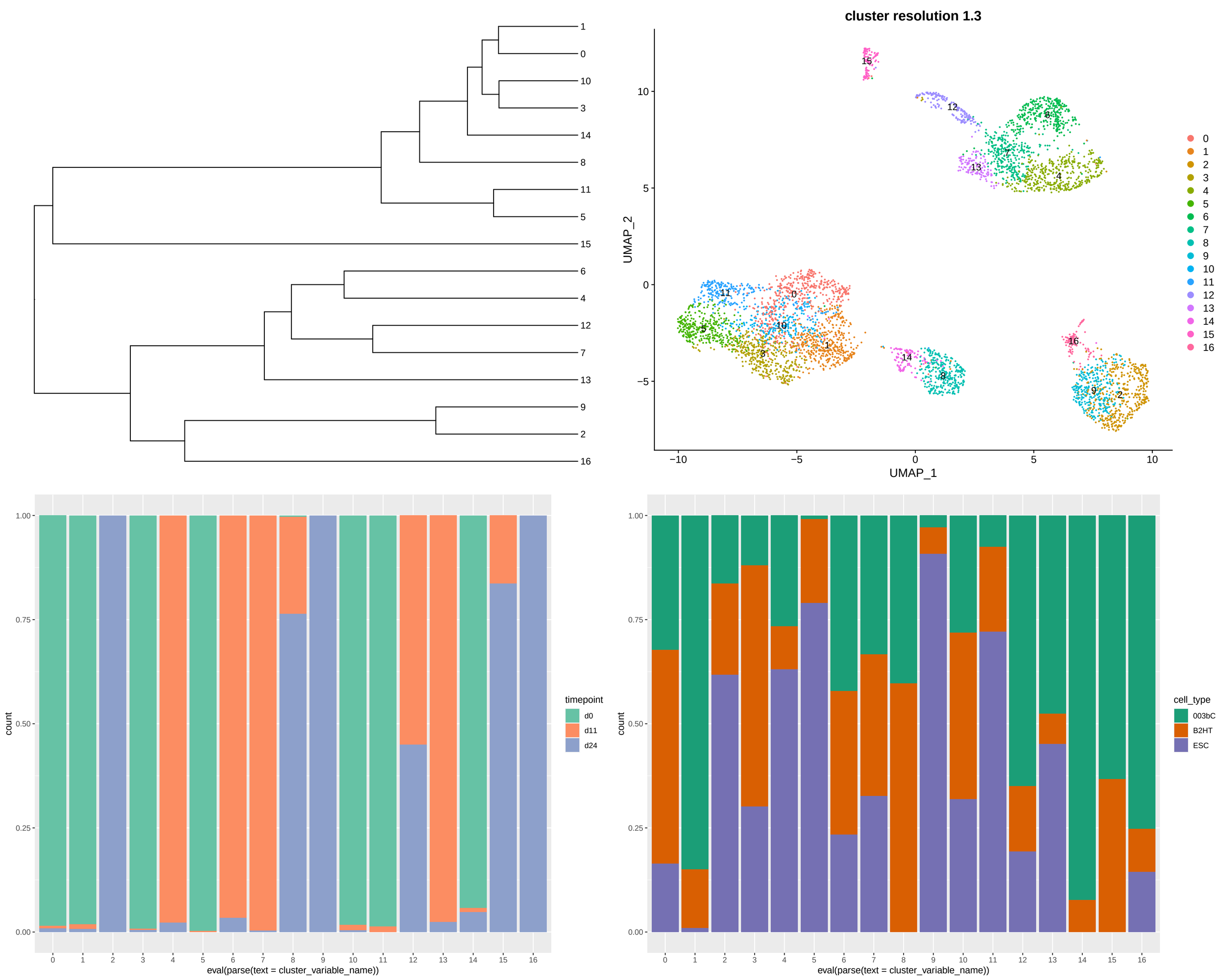
9
10
11
12
13
eval(parse(text = cluster_variable_name))
cell_type
003bC
B2HT
ESC

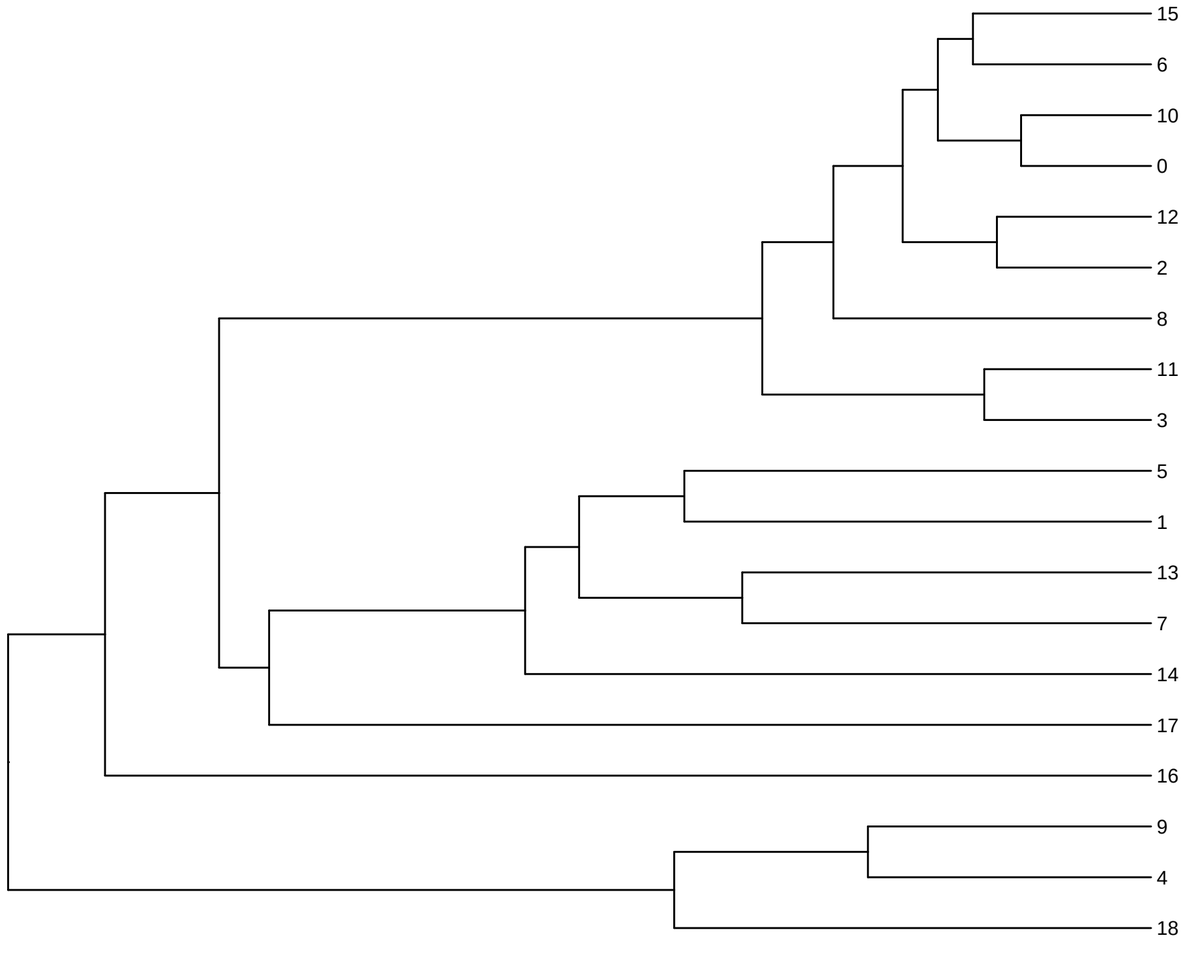

cluster resolution 0.9
UMAP_1
UMAP_2
count
eval(parse(text = cluster_variable_name))
timepoint
d0
d11
d24
cell_type
003bC
B2HT
ESC


cluster resolution 1
UMAP_1
UMAP_2
count
eval(parse(text = cluster_variable_name))
timepoint
d0
d11
d24
cell_type
003bC
B2HT
ESC


cluster resolution 1.1
UMAP_1
UMAP_2
count
eval(parse(text = cluster_variable_name))
timepoint
d0
d11
d24
cell_type
003bC
B2HT
ESC


cluster resolution 1.2
UMAP_1
UMAP_2
count
eval(parse(text = cluster_variable_name))
timepoint
d0
d11
d24
cell_type
003bC
B2HT
ESC


cluster resolution 1.3
UMAP_1
UMAP_2
count
eval(parse(text = cluster_variable_name))
timepoint
d0
d11
d24
cell_type
003bC
B2HT
ESC


15
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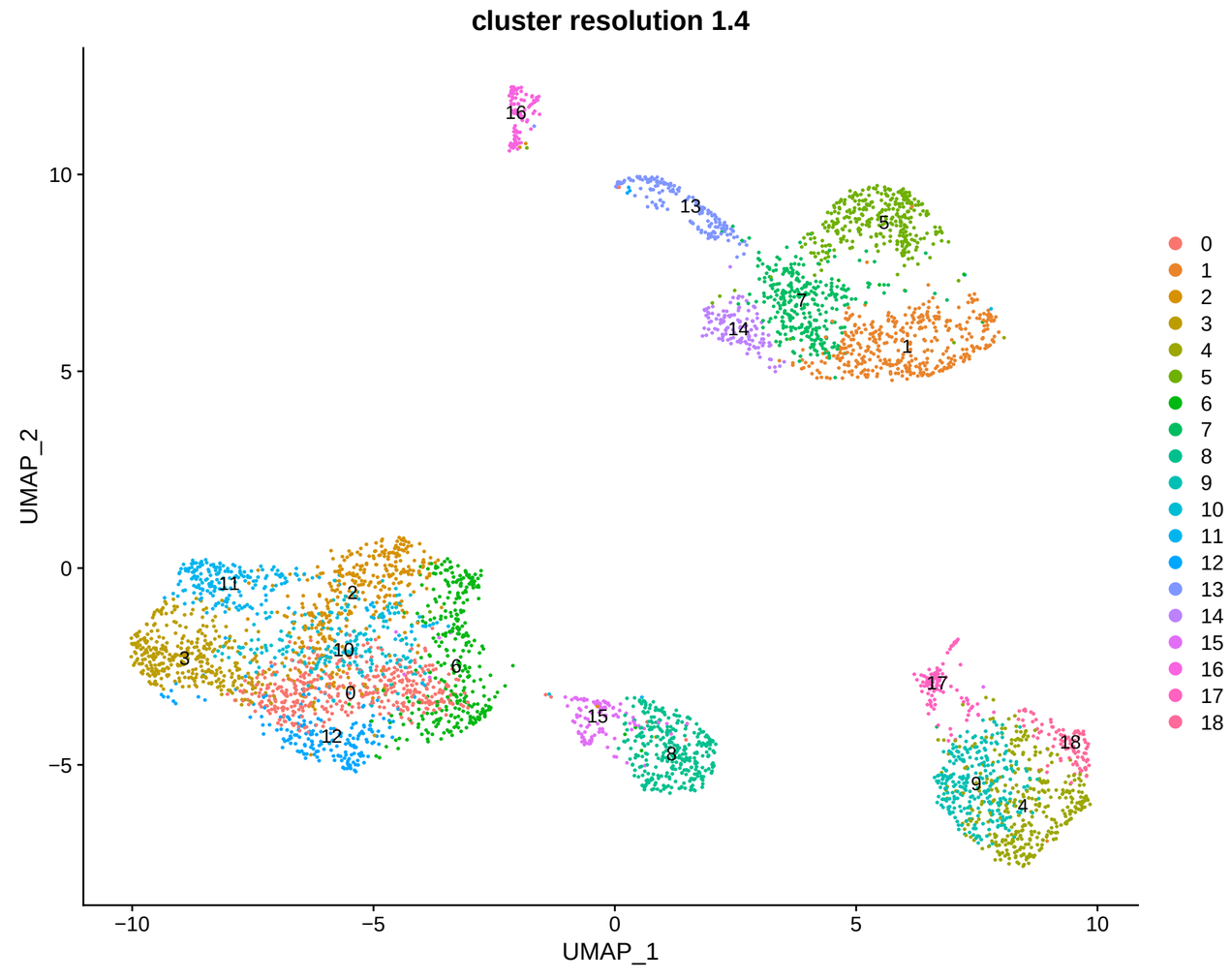
0
12
2
8
11
3
5
1
13
7
14
17
16
9
4
18


cluster resolution 1.4
UMAP_2
UMAP_1
10
5
0
−5
−10
−5
0
5
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0
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4
5
6
7
8
9
10
11
12
13
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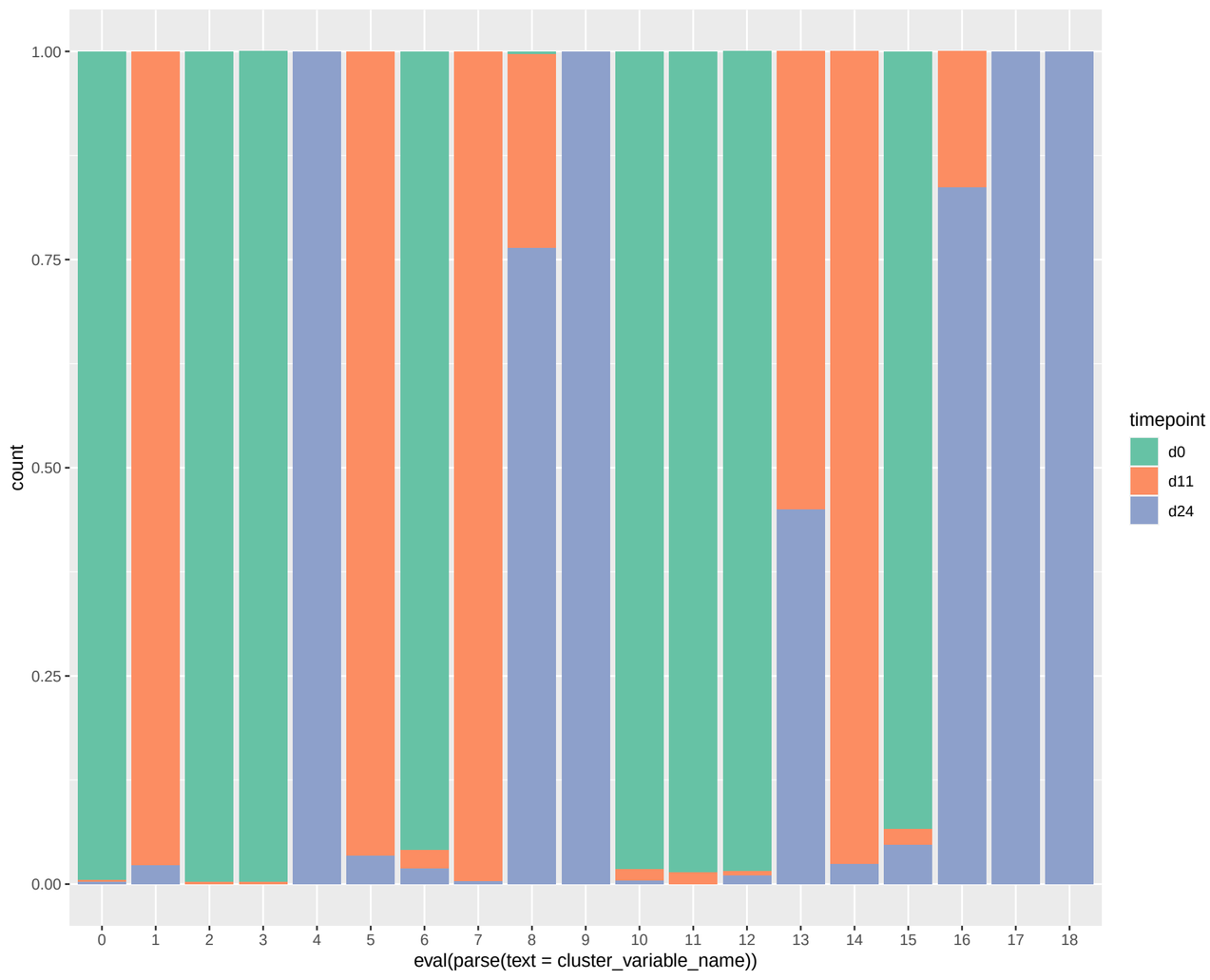
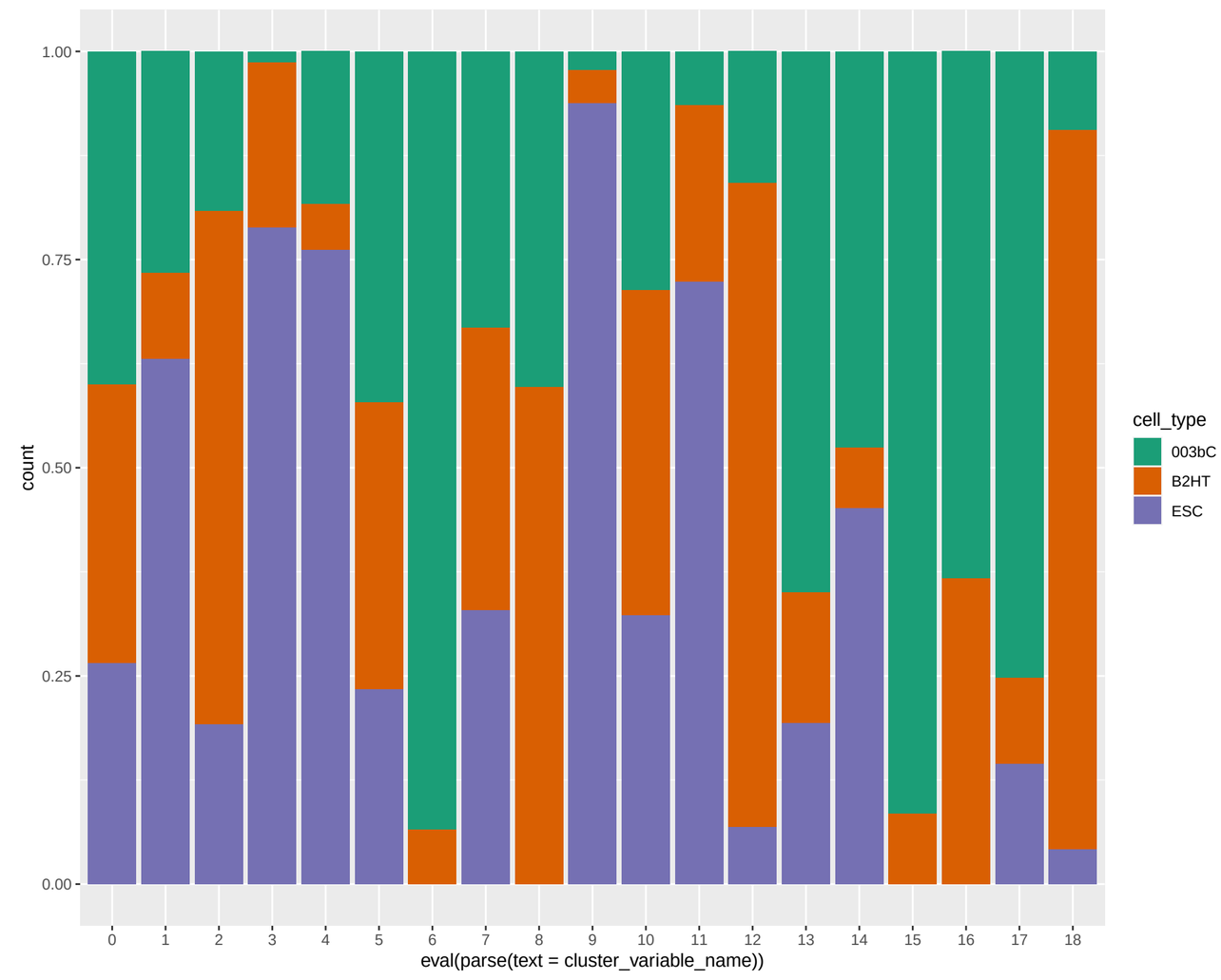
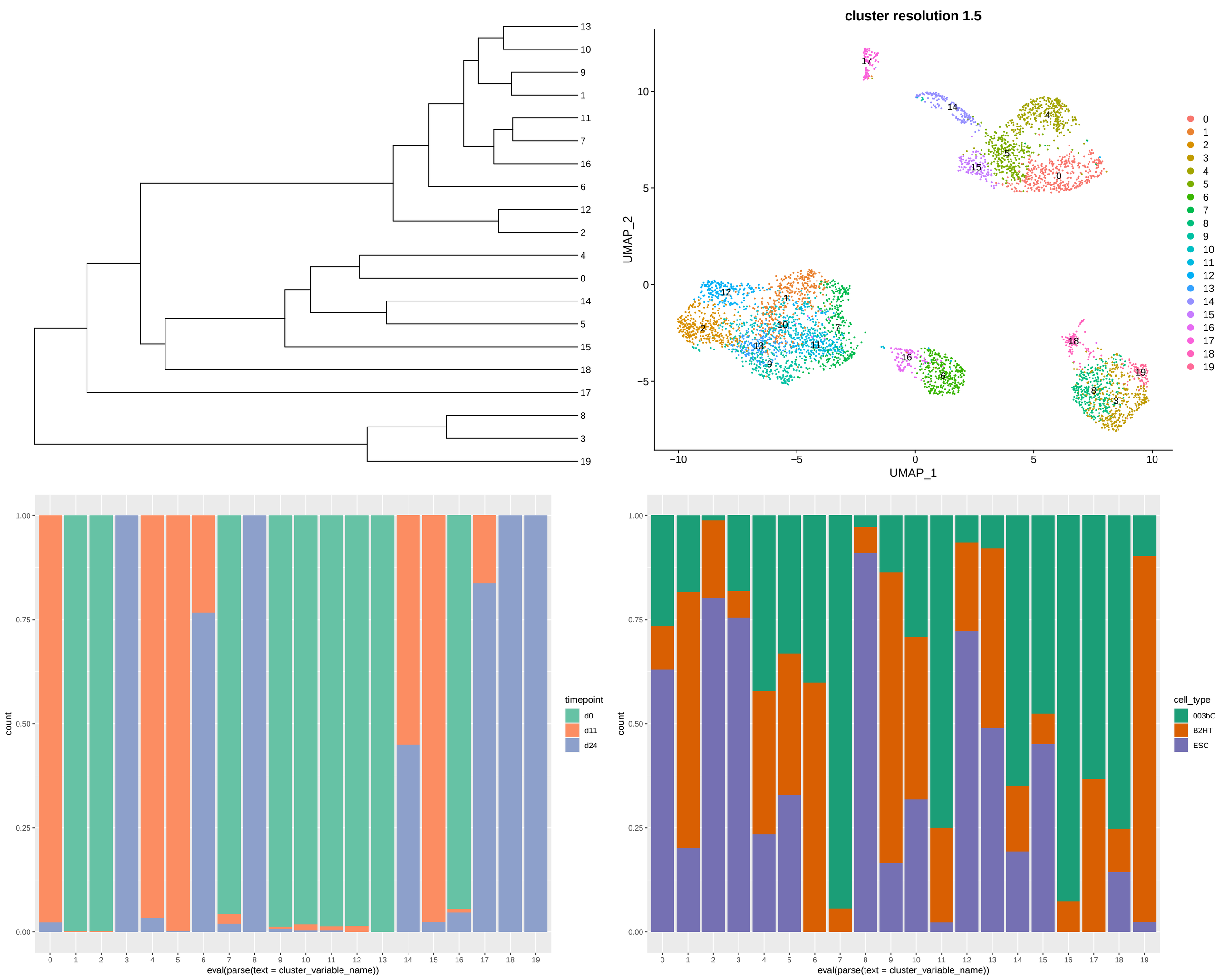
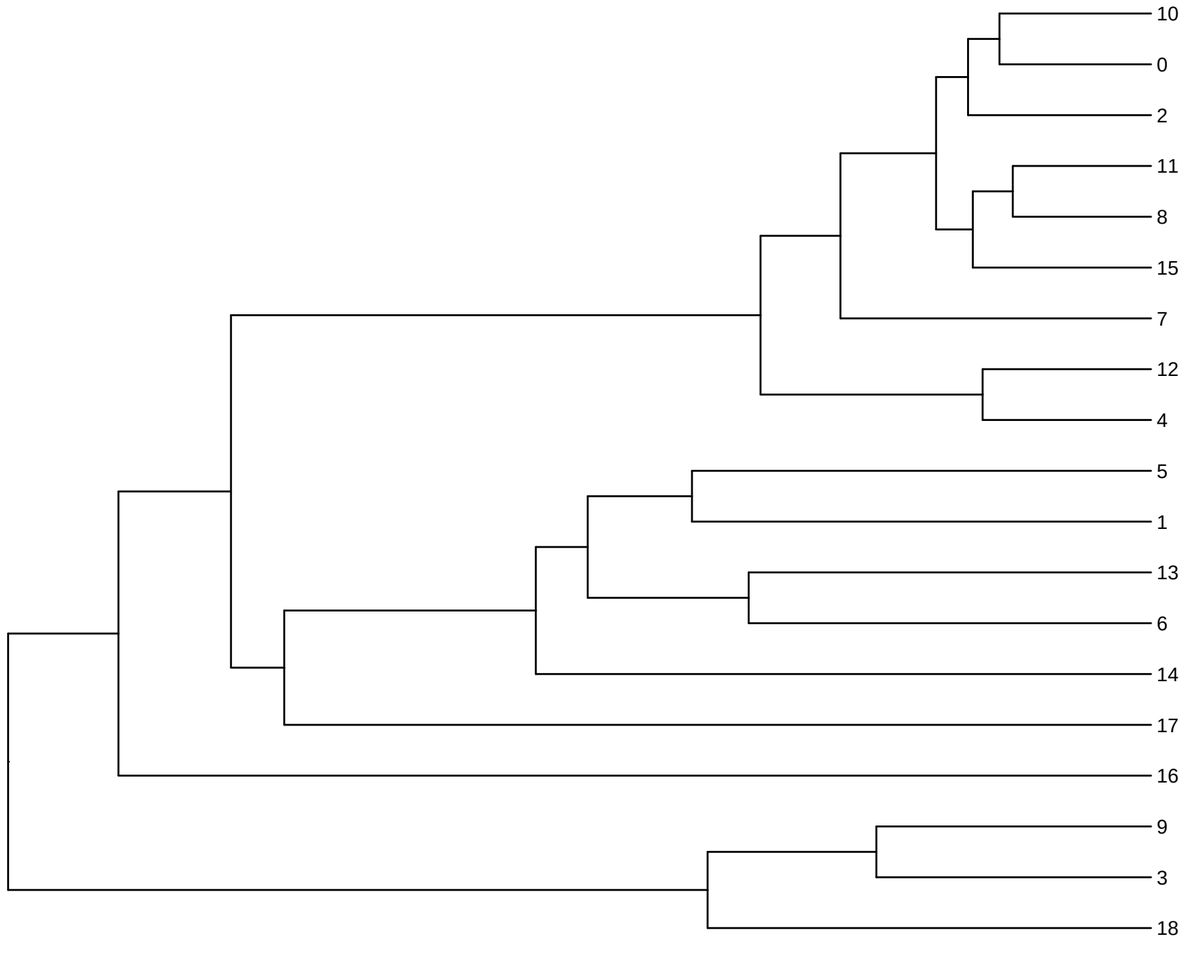
15
16
17
18


count
1.00
0.75
0.50
0.25
0.00
0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18
eval(parse(text = cluster_variable_name))
timepoint
d0
d11
d24


count
1.00
0.75
0.50
0.25
0.00
0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18
eval(parse(text = cluster_variable_name))
cell_type
003bC
B2HT
ESC


cluster resolution 1.5
UMAP_1
UMAP_2
count
eval(parse(text = cluster_variable_name))
timepoint
d0
d11
d24
cell_type
003bC
B2HT
ESC


10
0
2
11
8
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7
12
4
5
1
13
6
14
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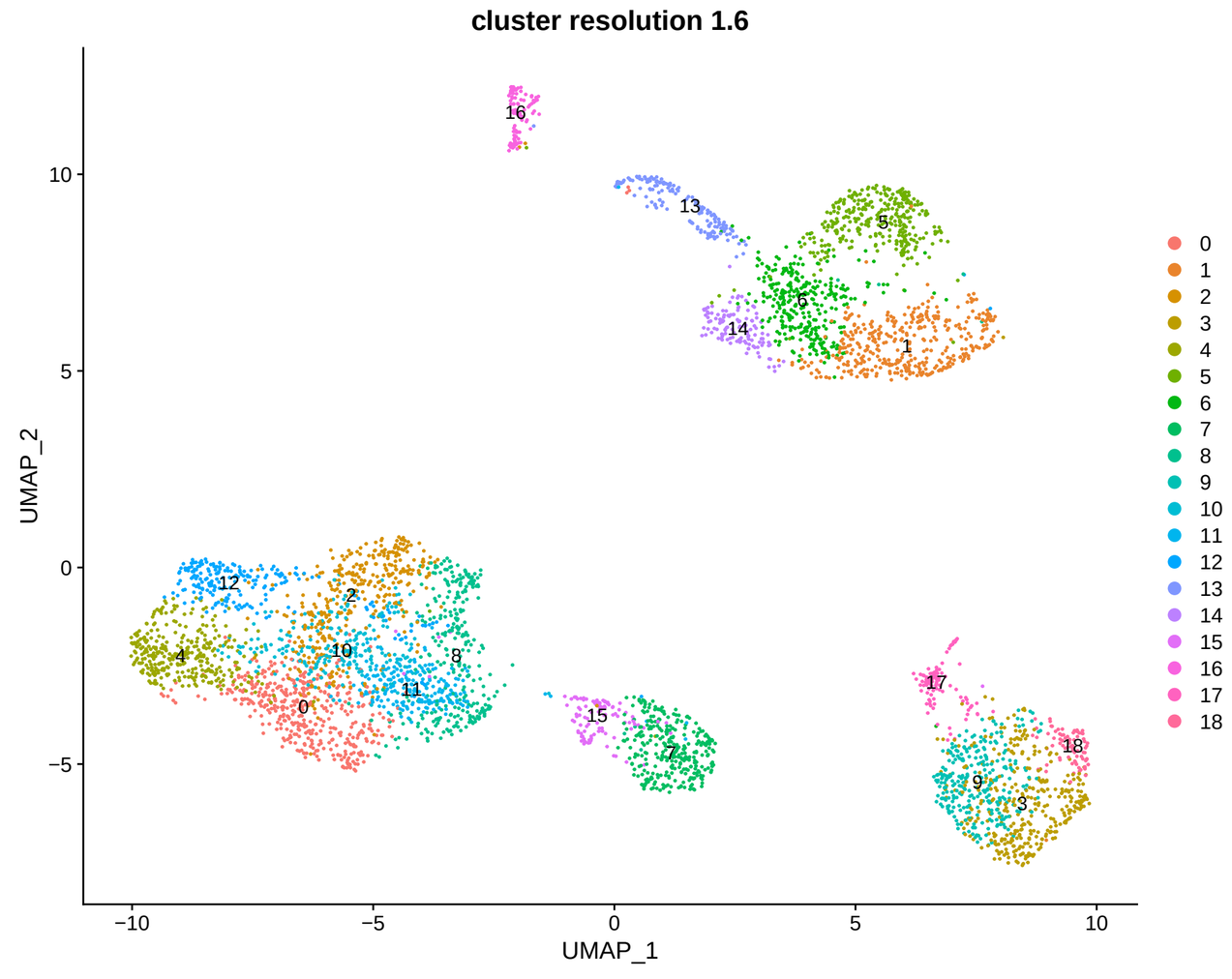
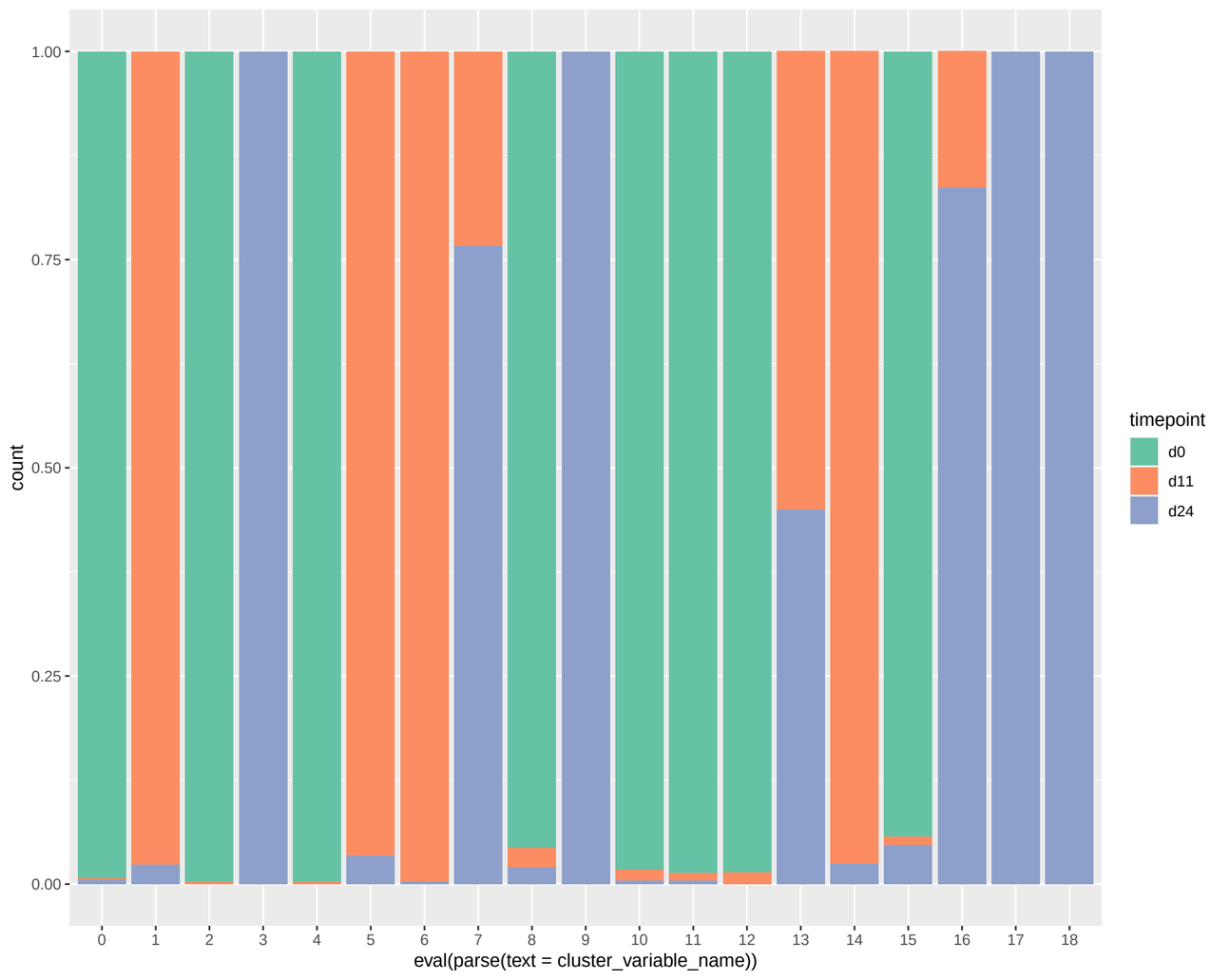
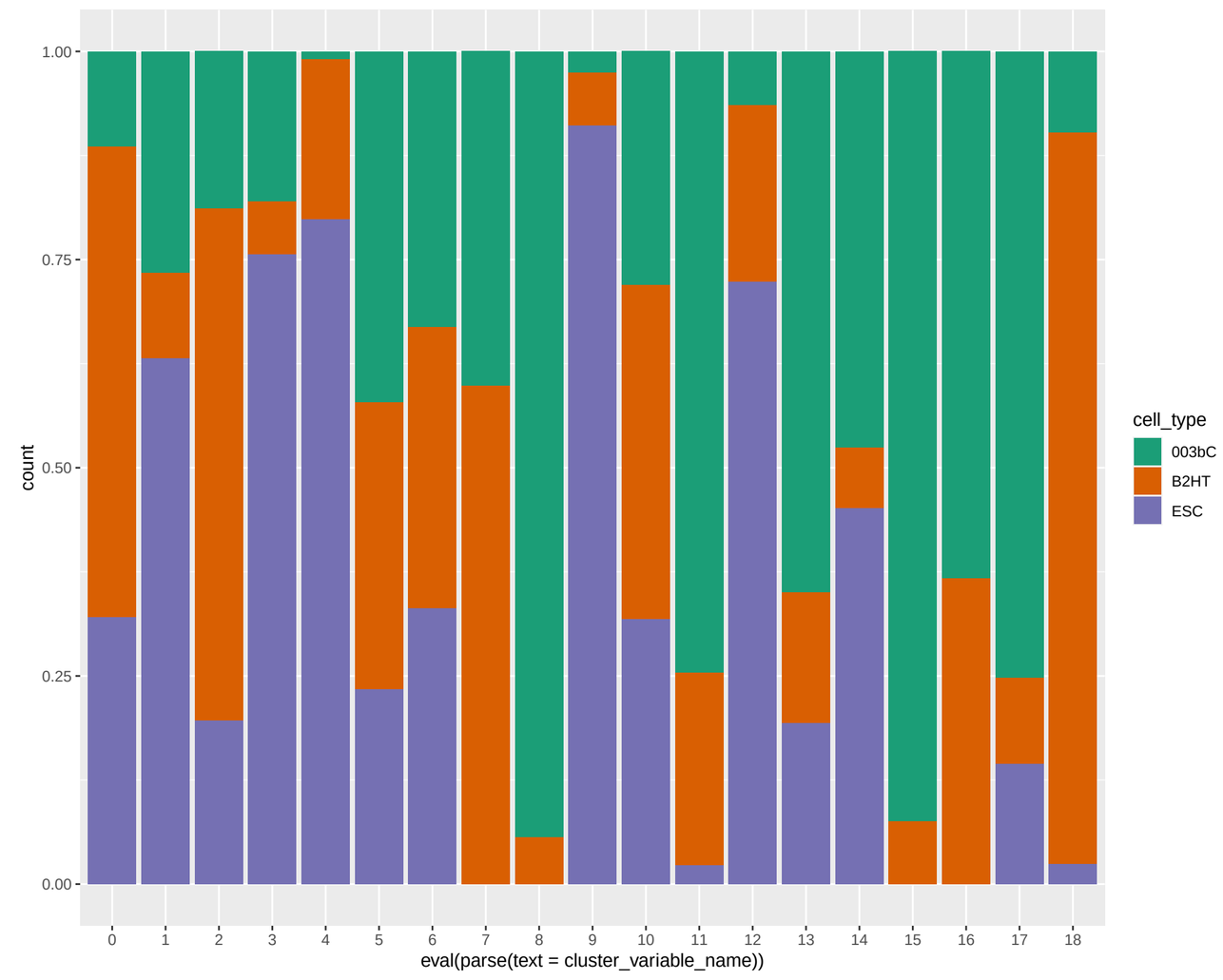
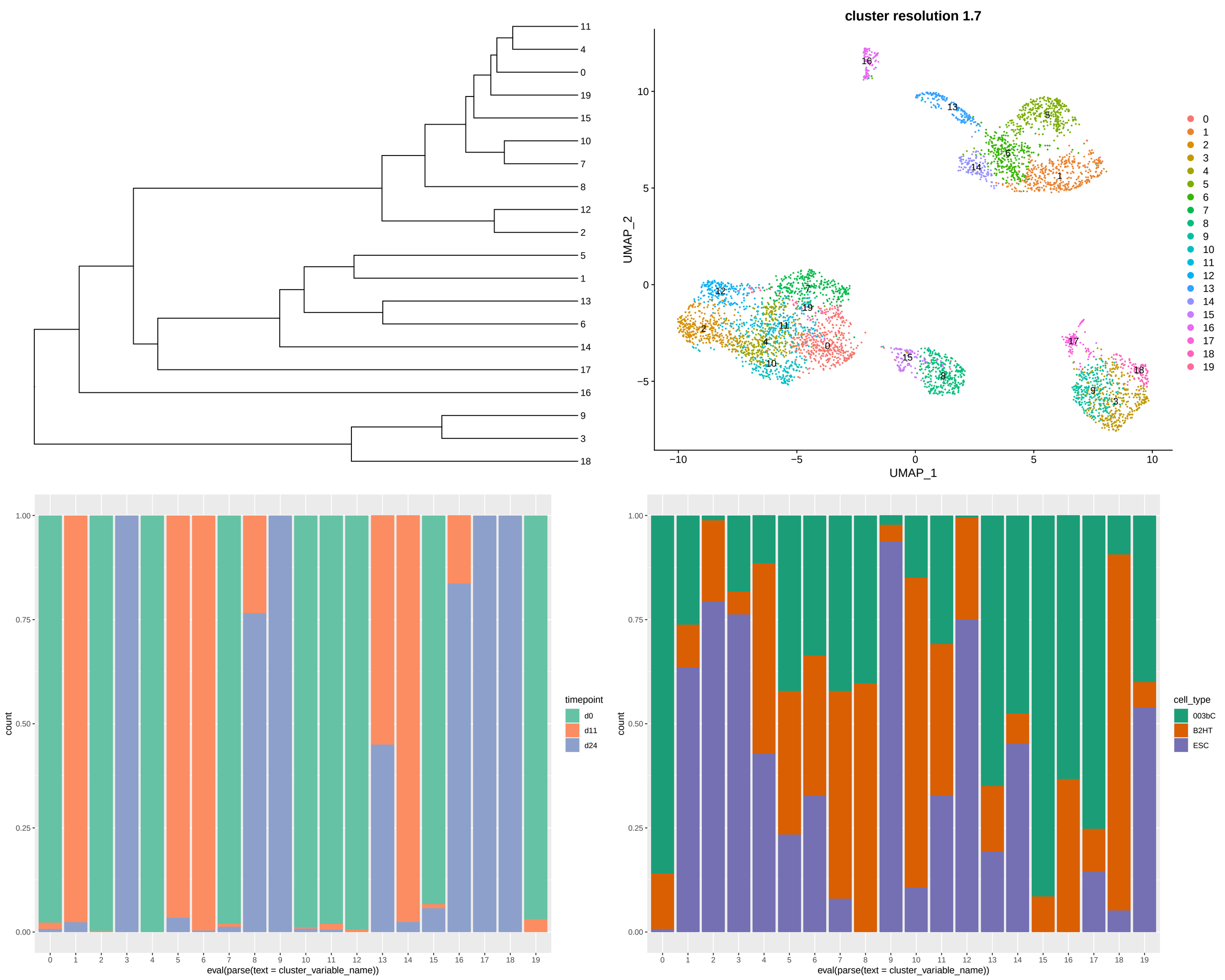
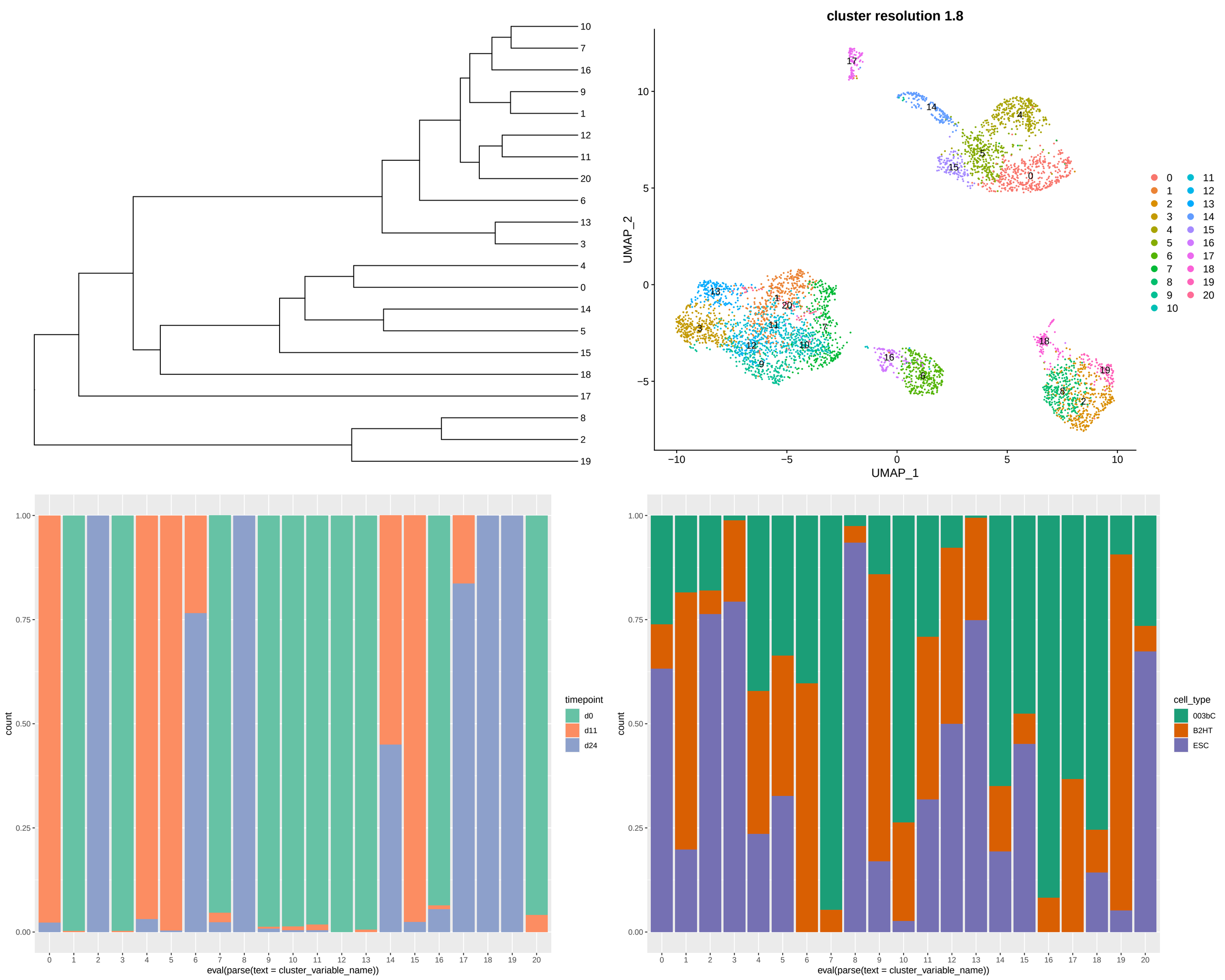
16
9
3
18

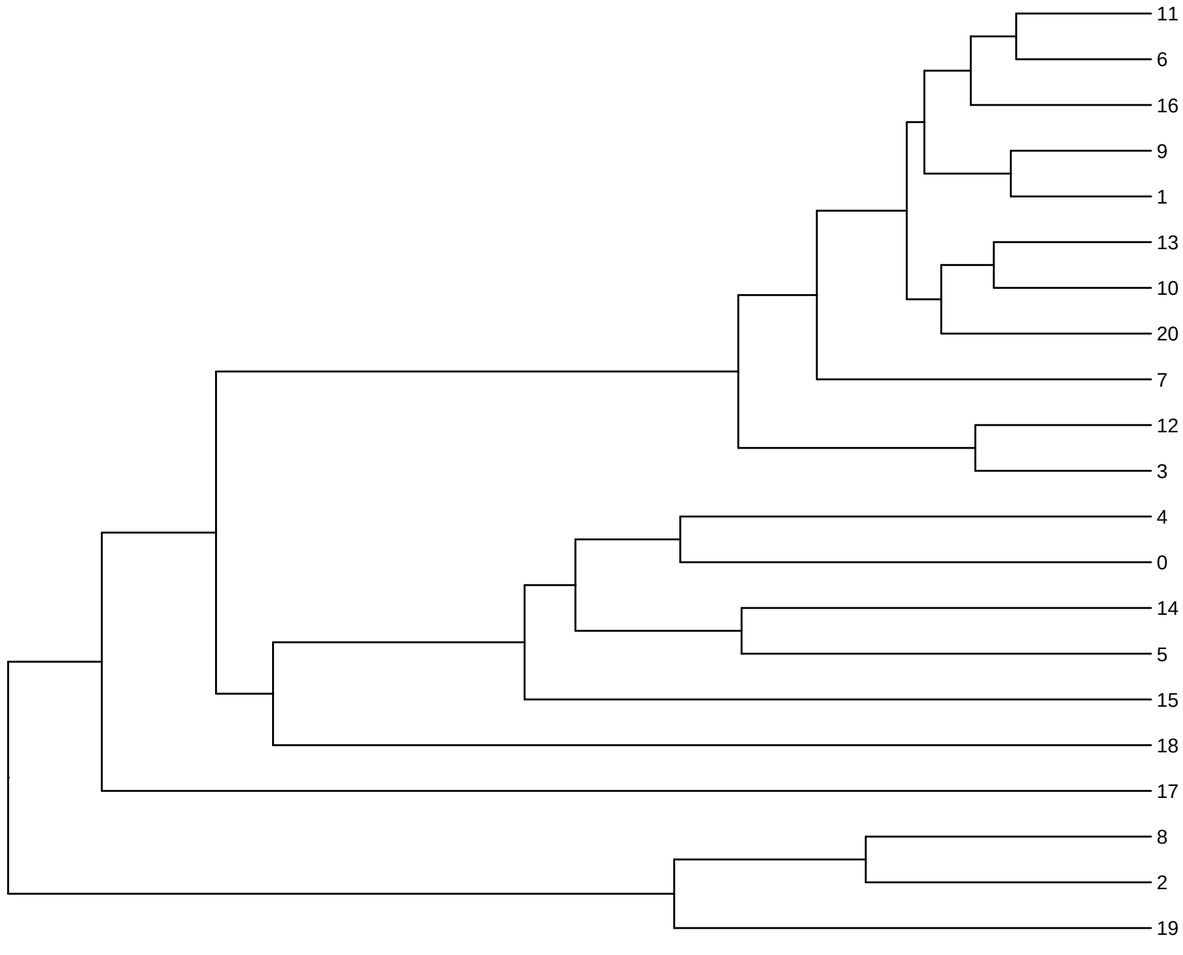

cluster resolution 1.6
UMAP_2
UMAP_1
10
5
0
−5
−10
0
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
16
17
18


count
1.00
0.75
0.50
0.25
0.00
0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18
eval(parse(text = cluster_variable_name))
timepoint
d0
d11
d24


count
1.00
0.75
0.50
0.25
0.00
0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18
eval(parse(text = cluster_variable_name))
cell_type
003bC
B2HT
ESC


cluster resolution 1.7
UMAP_1
UMAP_2
count
eval(parse(text = cluster_variable_name))
timepoint
d0
d11
d24
cell_type
003bC
B2HT
ESC


cluster resolution 1.8
UMAP_1
UMAP_2
timepoint
d0
d11
d24
cell_type
003bC
B2HT
ESC
count
eval(parse(text = cluster_variable_name))


11
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16
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1
13
10
20
7
12
3
4
0
14
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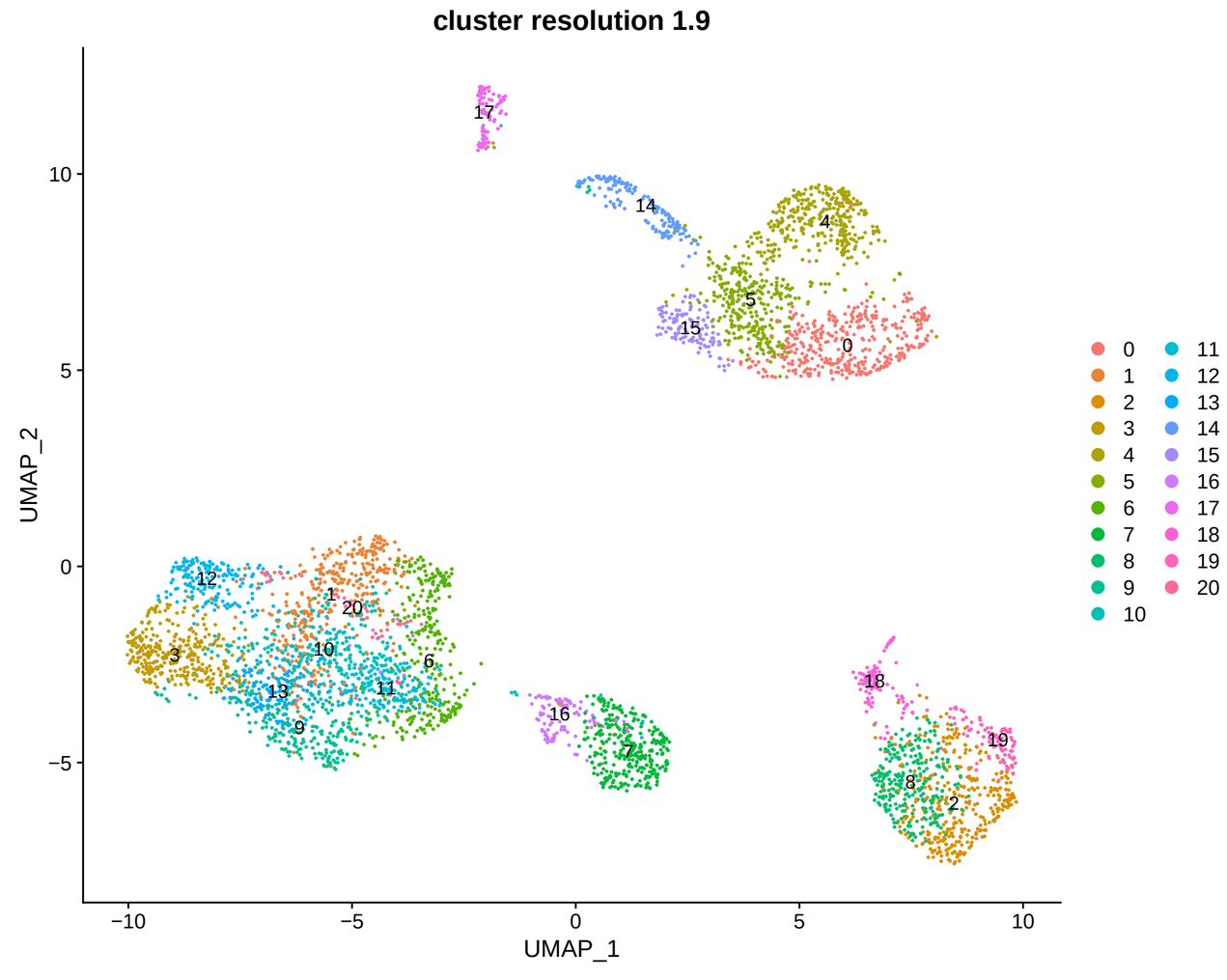
15
18
17
8
2
19


cluster resolution 1.9
UMAP_2
UMAP_1
10
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−5
−10
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2
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10
11
12
13
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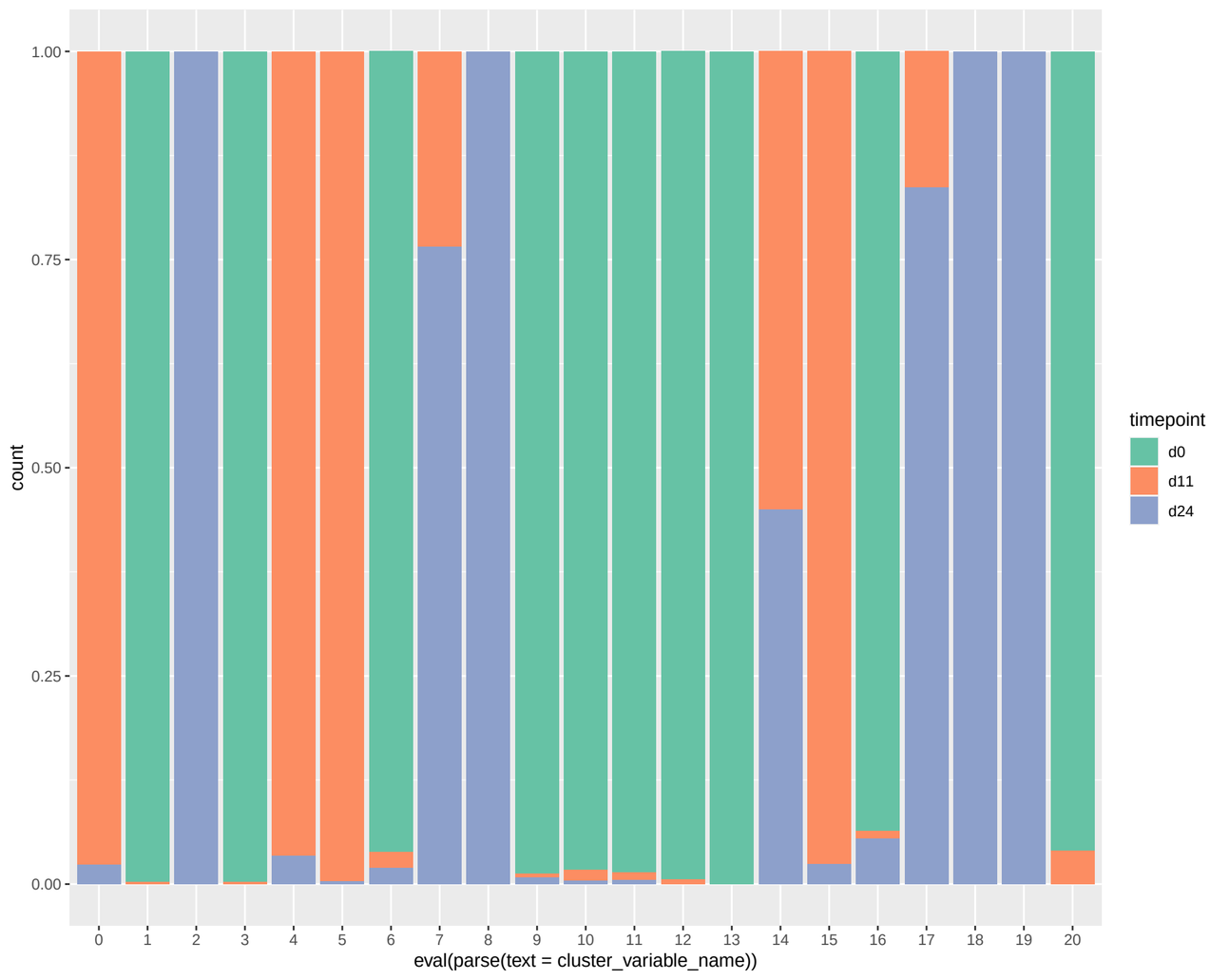
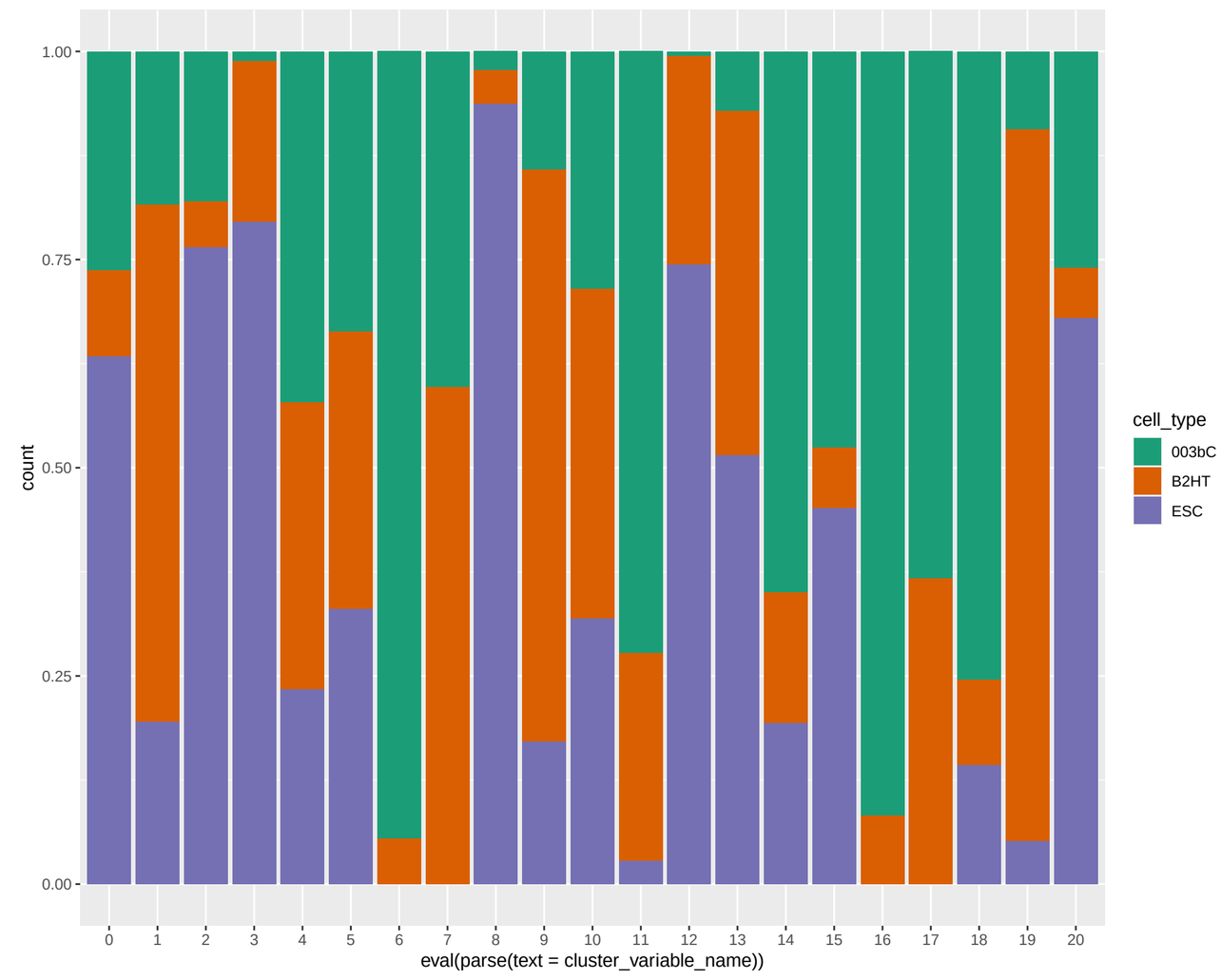
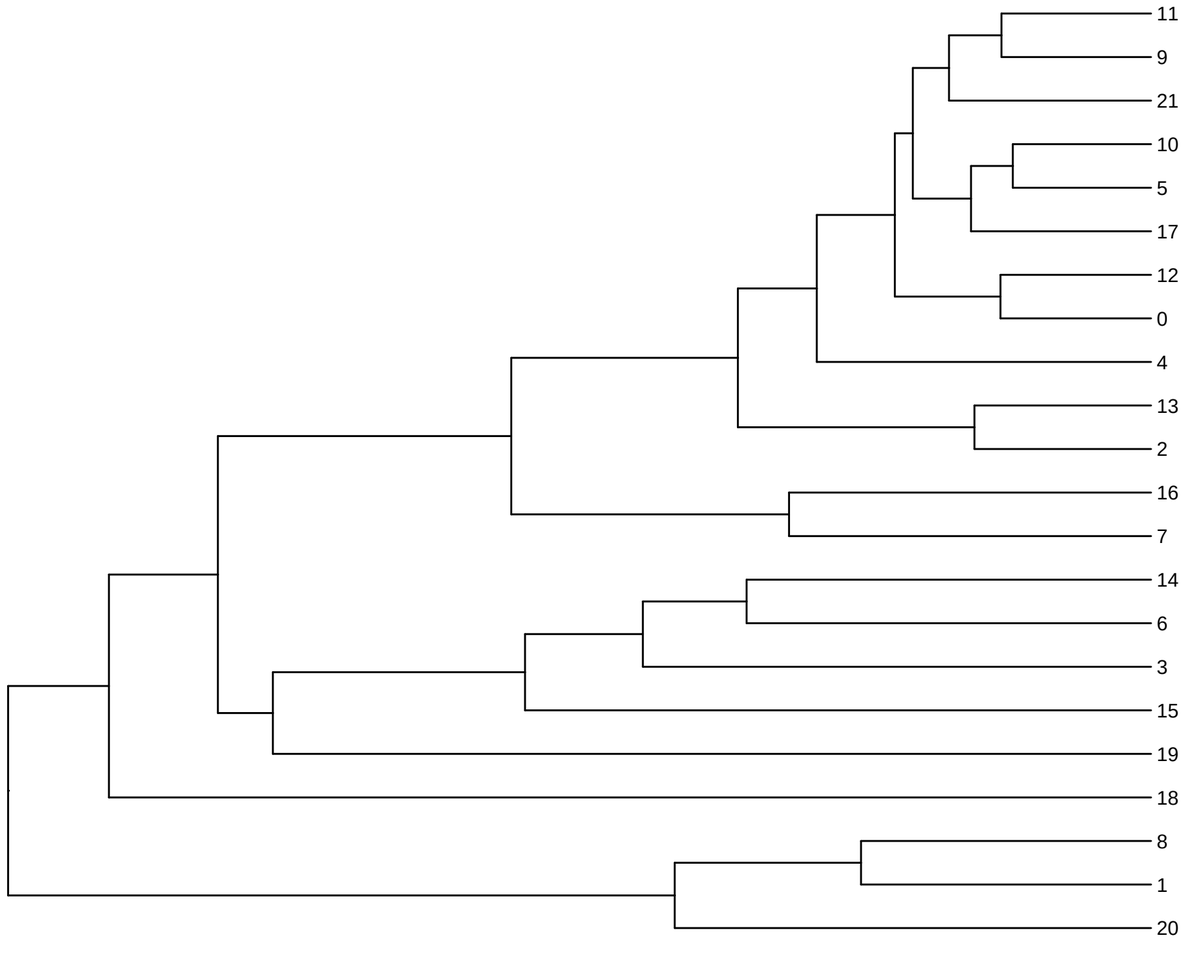
17
18
19
20


count
1.00
0.75
0.50
0.25
0.00
0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20
eval(parse(text = cluster_variable_name))
timepoint
d0
d11
d24


count
1.00
0.75
0.50
0.25
0.00
0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20
eval(parse(text = cluster_variable_name))
cell_type
003bC
B2HT
ESC


11
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21
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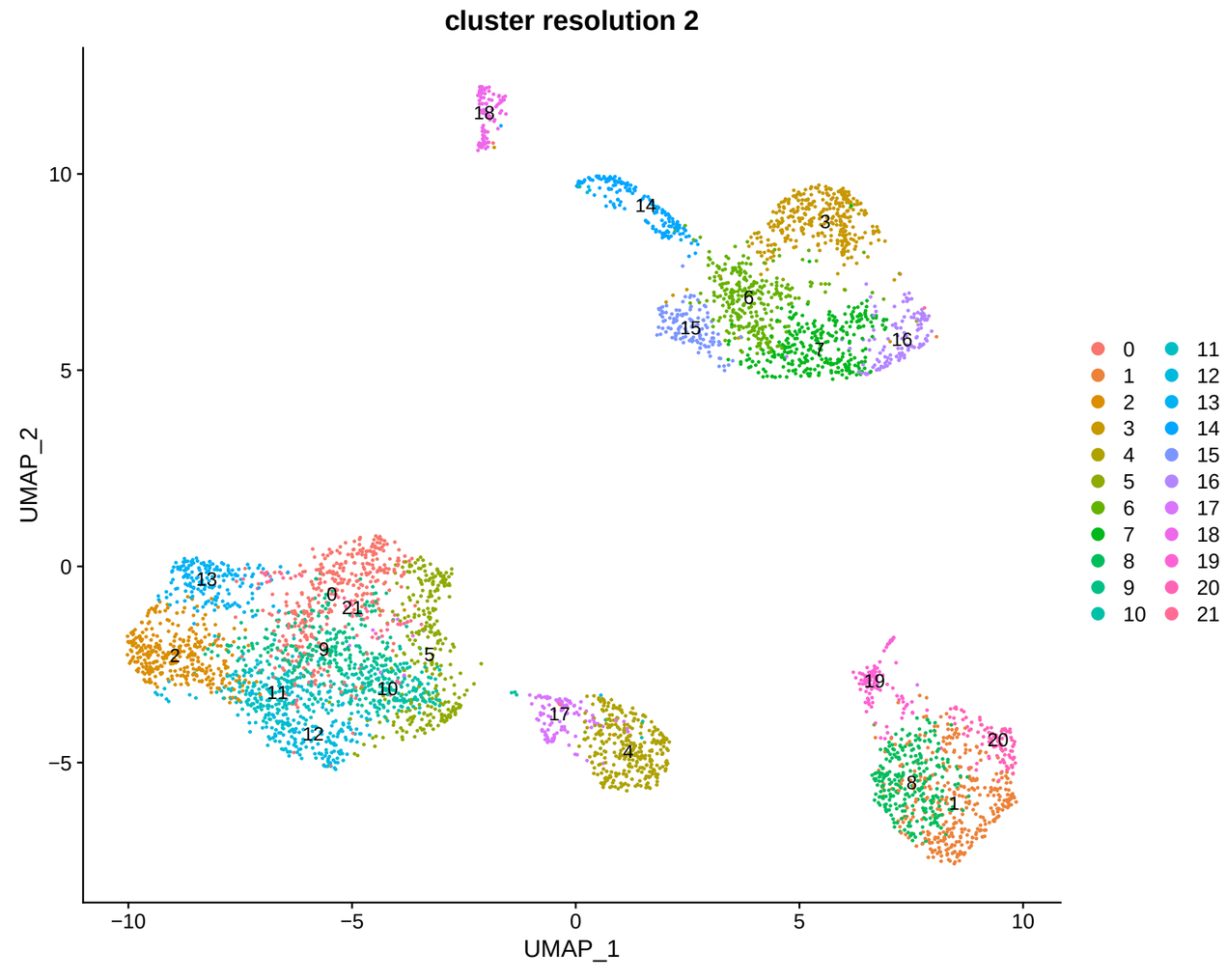
cluster resolution 2
UMAP_2
UMAP_1
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0
−5
−10
0
1
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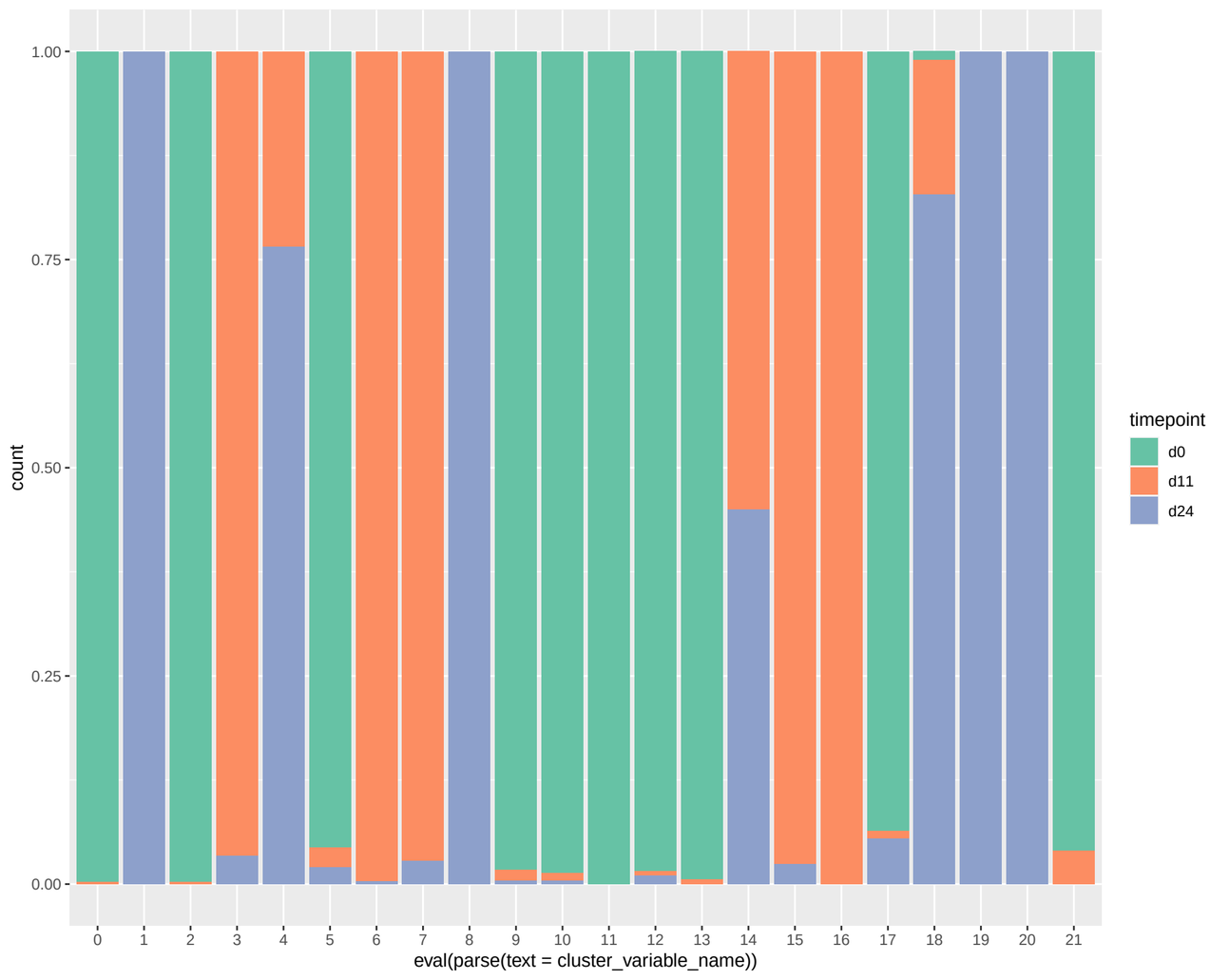
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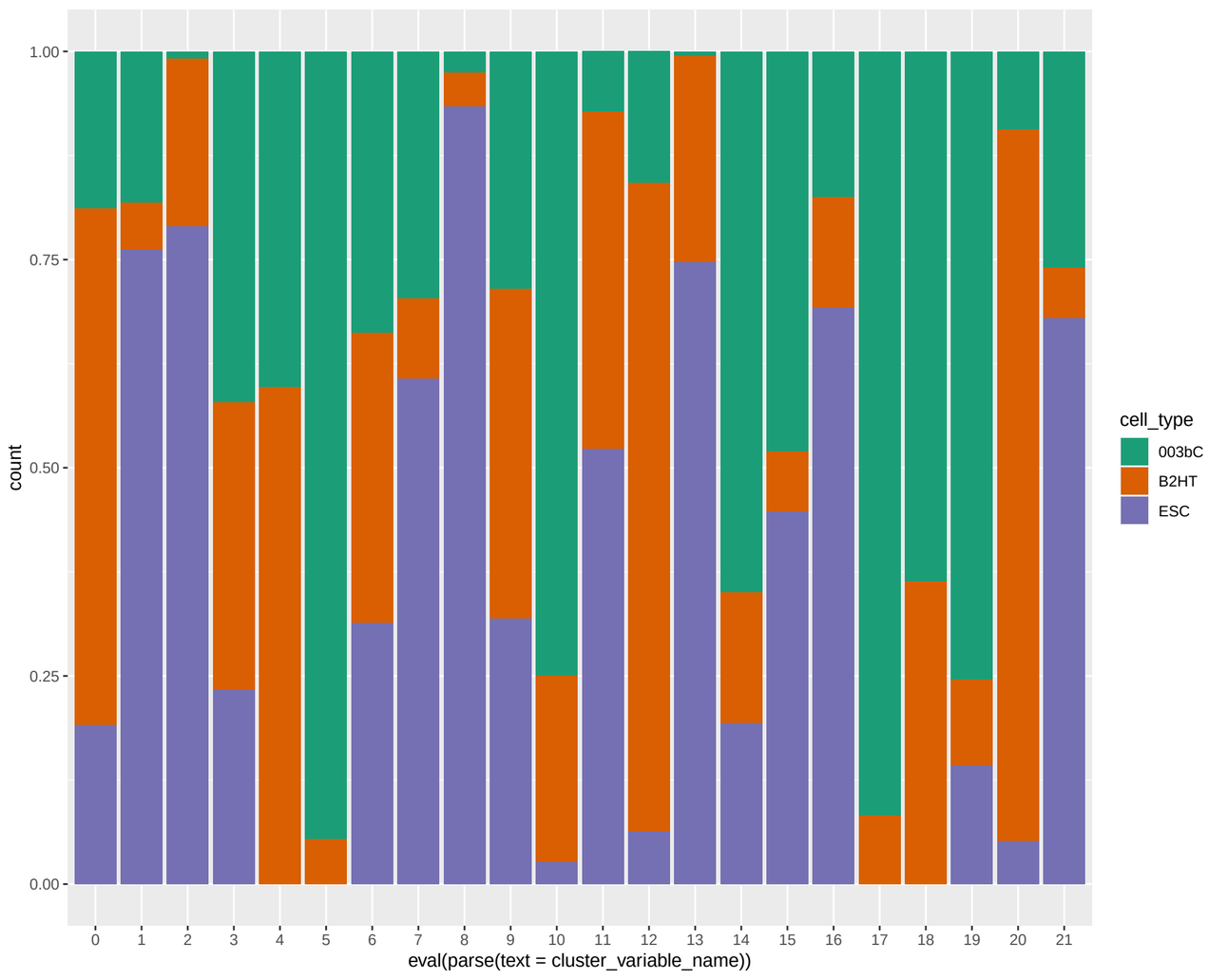
0.75
0.50
0.25
0.00
0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21
eval(parse(text = cluster_variable_name))
timepoint
d0
d11
d24


count
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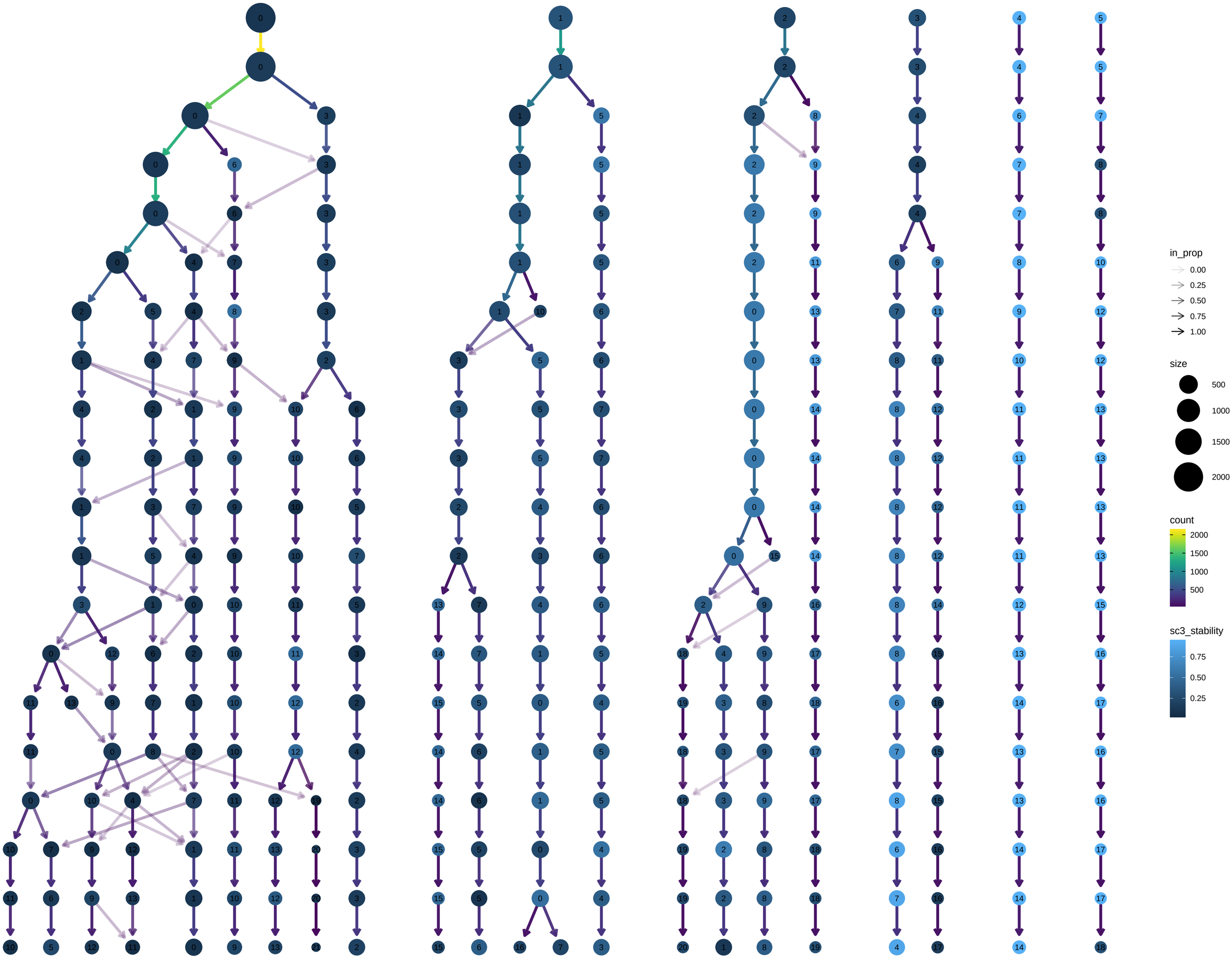
0.75
0.50
0.25
0.00
0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21
eval(parse(text = cluster_variable_name))
cell_type
003bC
B2HT
ESC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0.50
0.75
1.00
size
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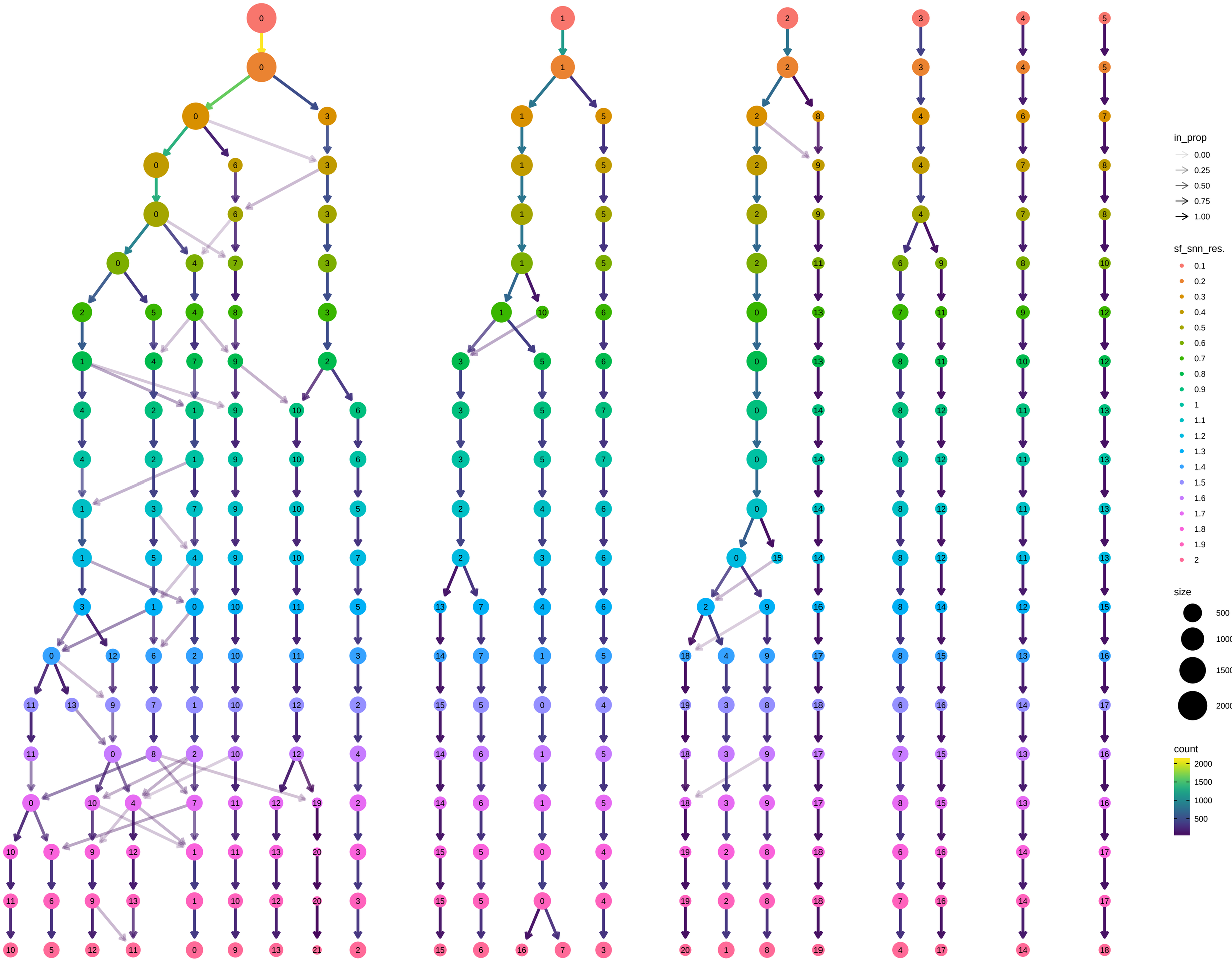
1000
1500
2000
count
2000
1500
1000
500
sc3_stability
0.75
0.50
0.25


in_prop
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0.50
0.75
1.00
sf_snn_res.
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0.2
0.3
0.4
0.5
0.6
0.7
0.8
0.9
1
1.1
1.2
1.3
1.4
1.5
1.6
1.7
1.8
1.9
2
size
500
1000
1500
2000
count
2000
1500
1000
500