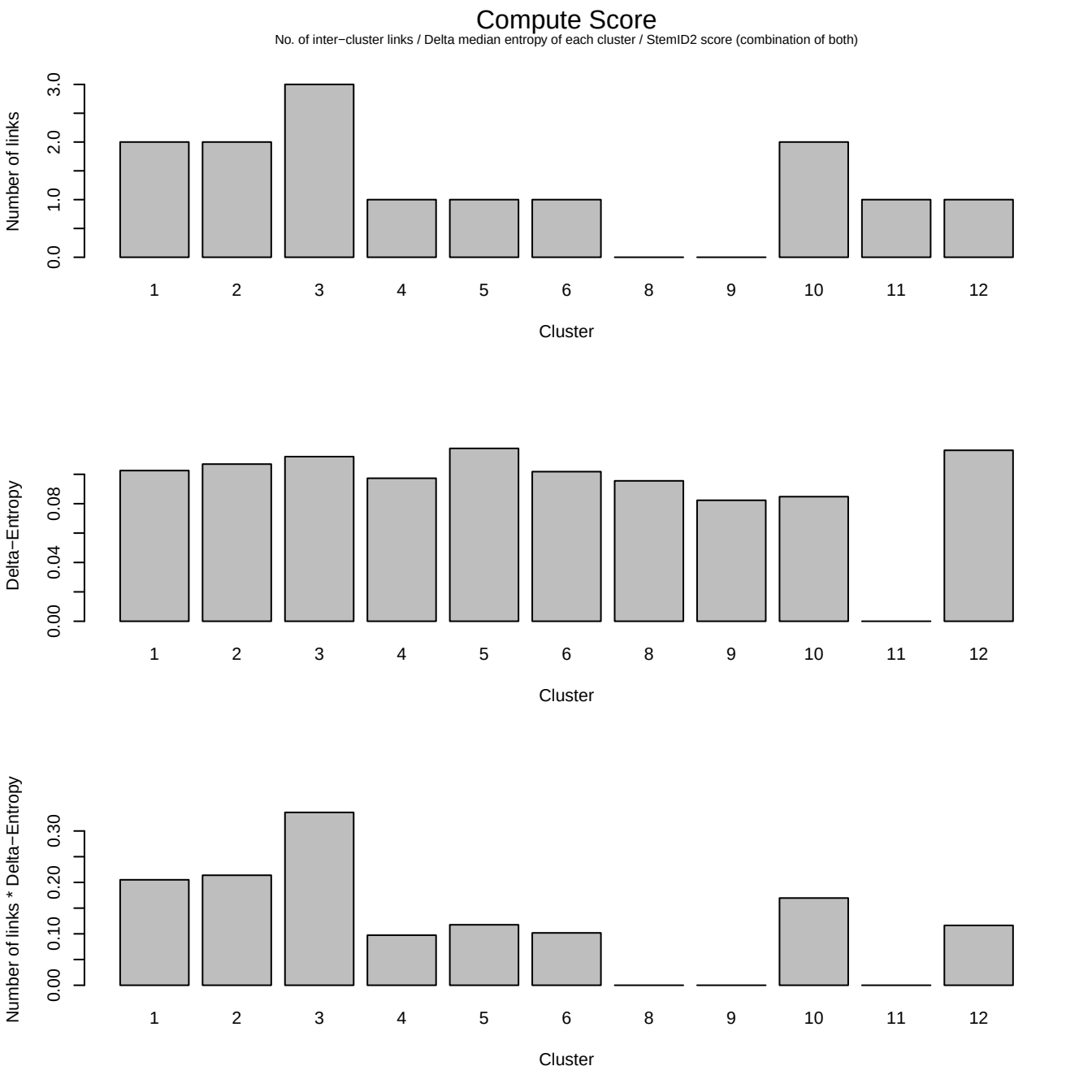
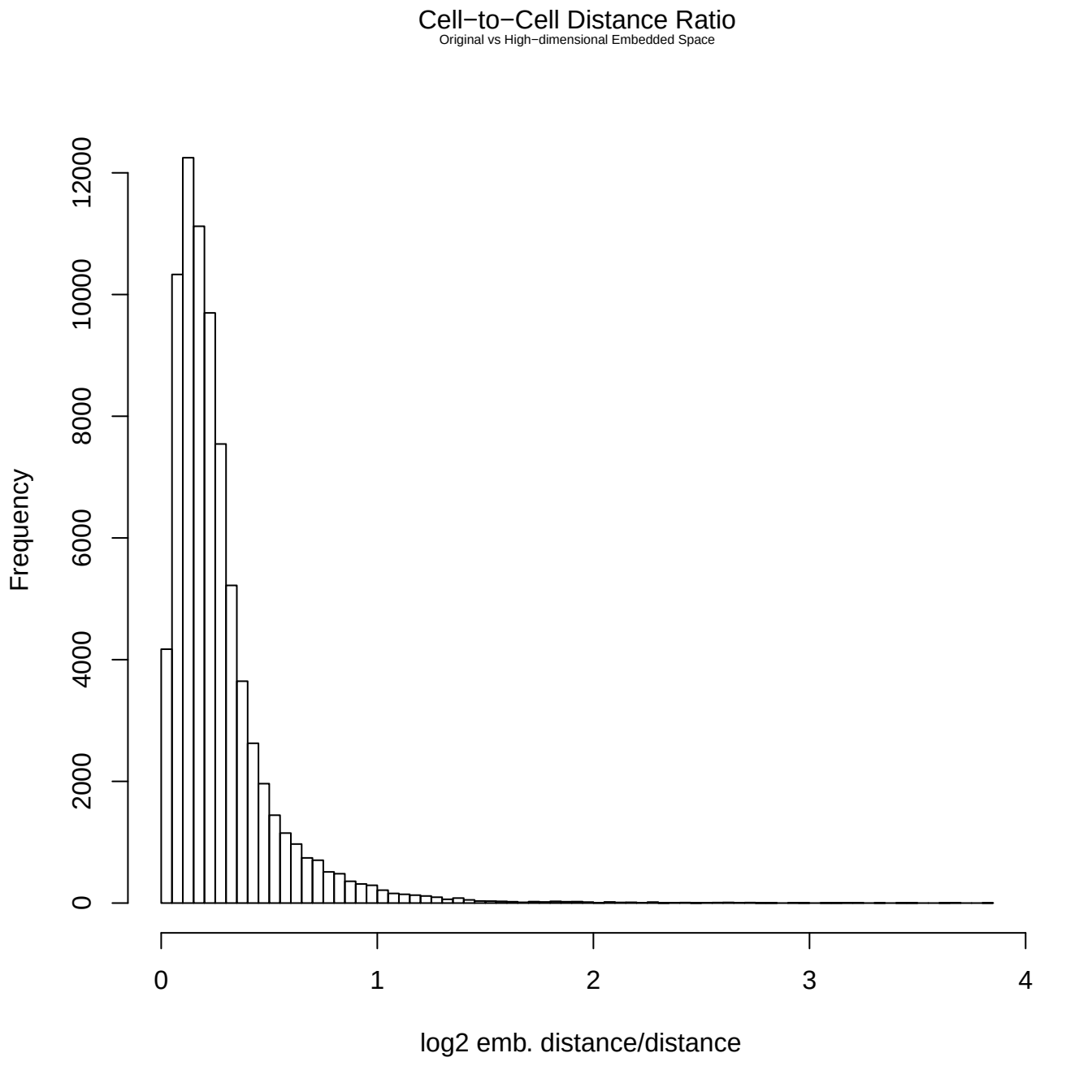
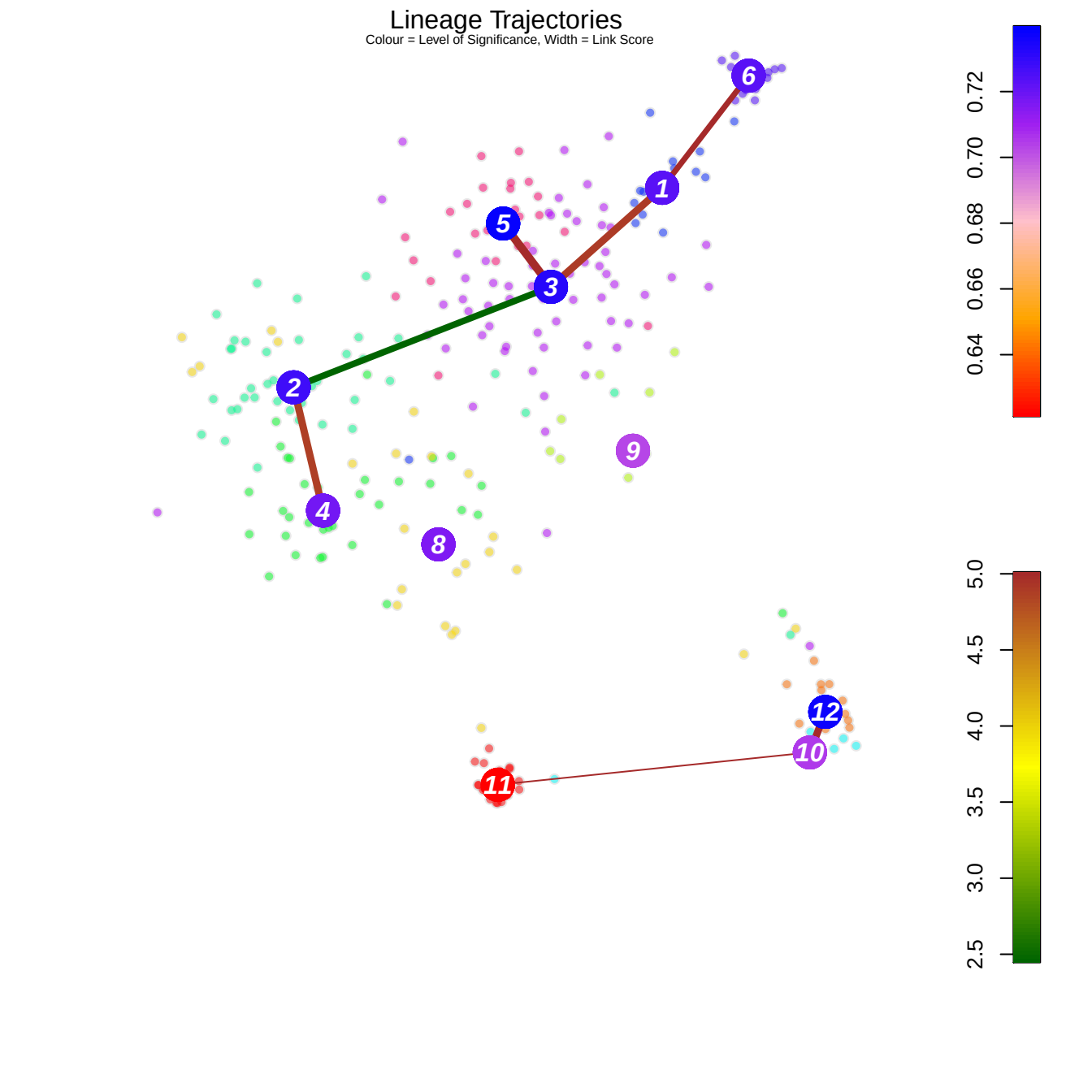
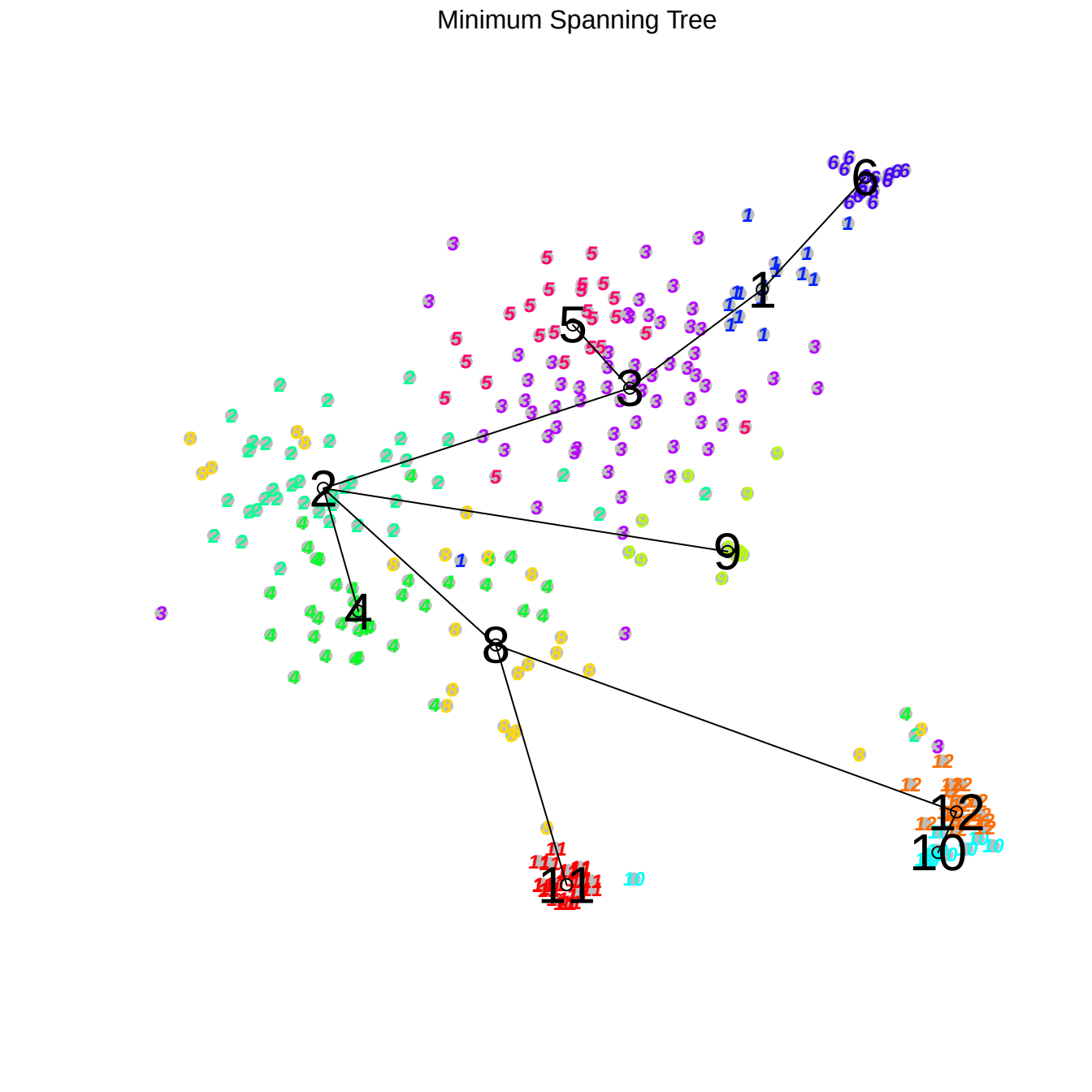
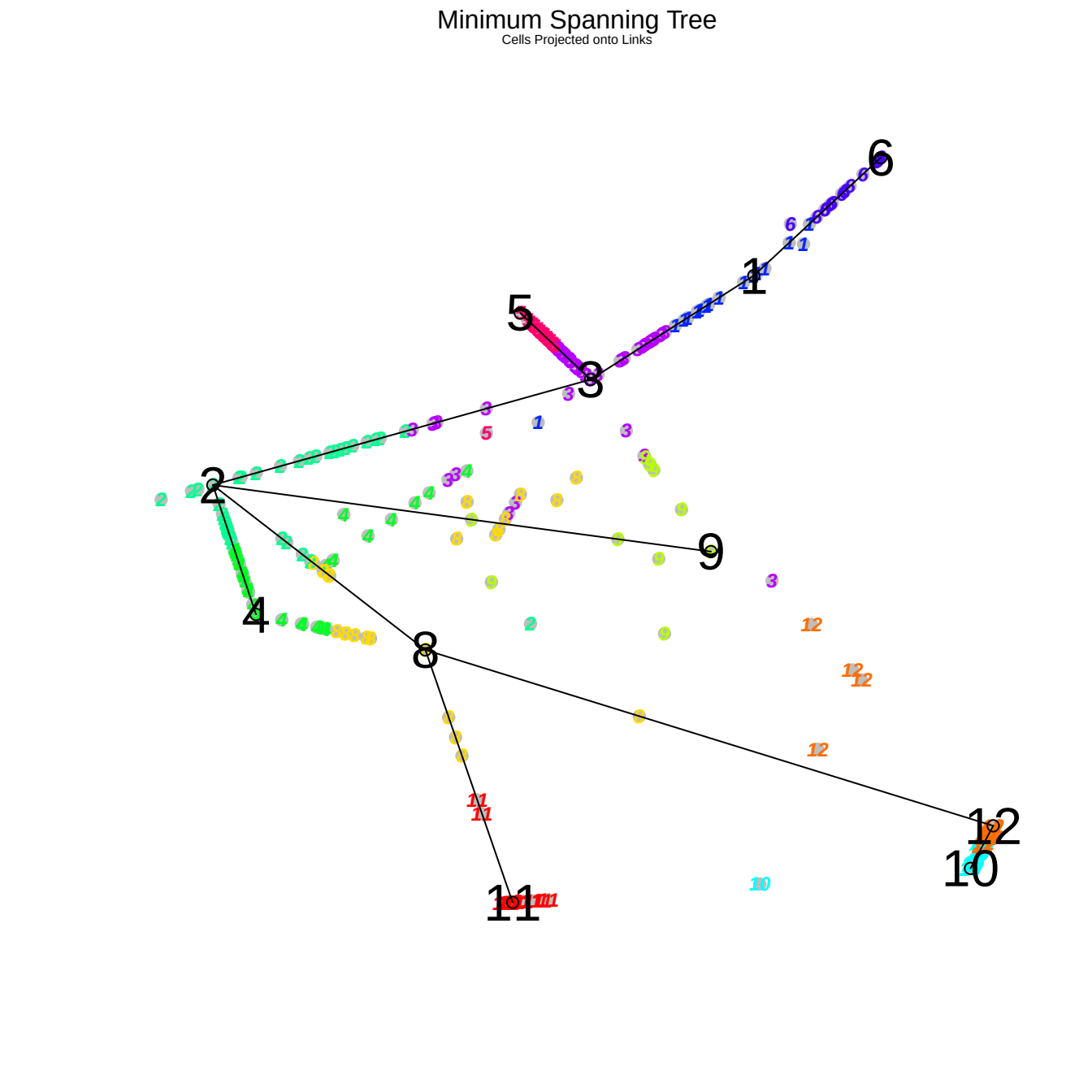
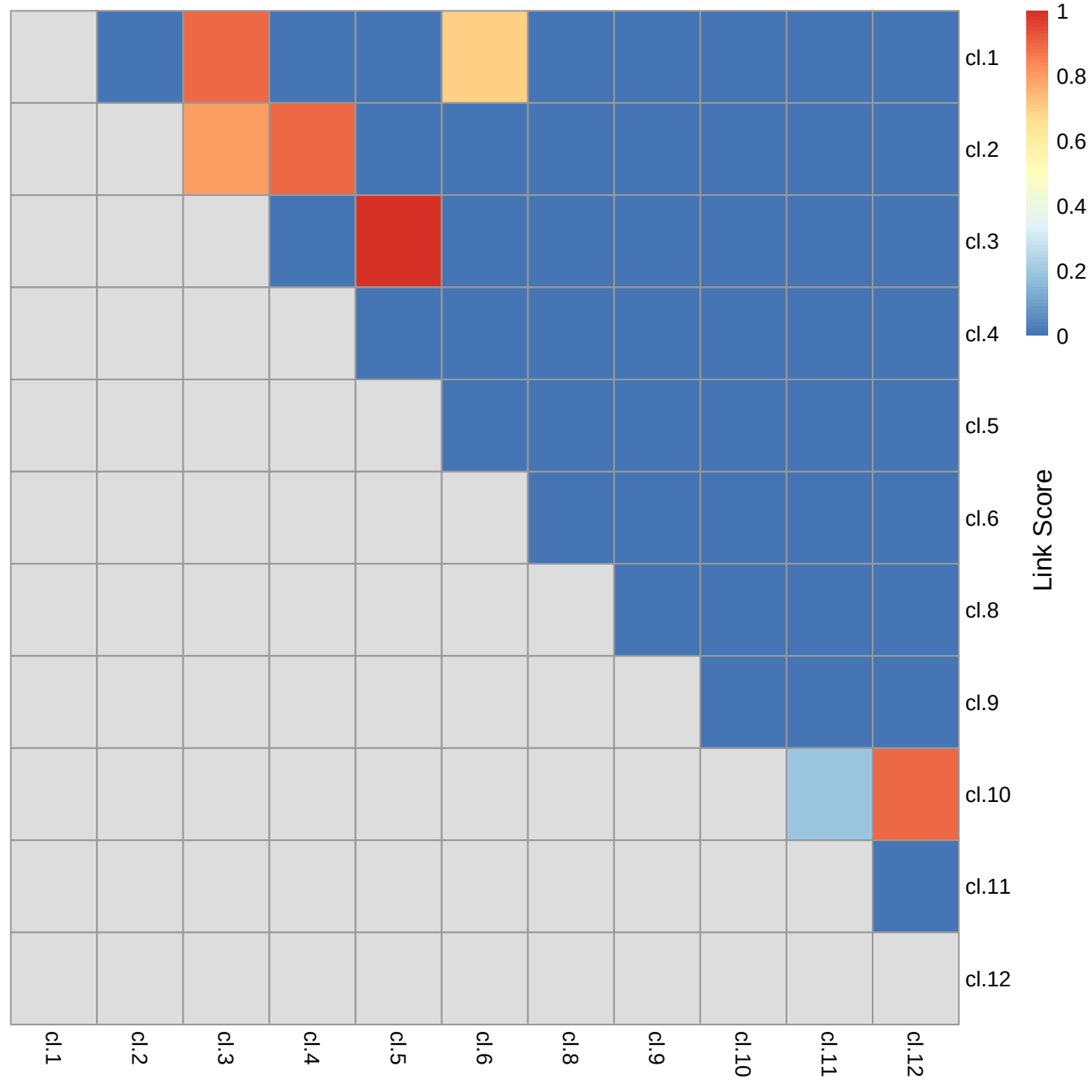

Compute Score
No. of inter−cluster links / Delta median entropy of each cluster / StemID2 score (combination of both)
Number of links
0.0
1.0
2.0
3.0
1
2
3
4
5
6
8
9
10
11
12
Cluster
Delta−Entropy
0.00
0.04
0.08
1
2
3
4
5
6
8
9
10
11
12
Cluster
Number of links * Delta−Entropy
0.00
0.10
0.20
0.30
1
2
3
4
5
6
8
9
10
11
12
Cluster

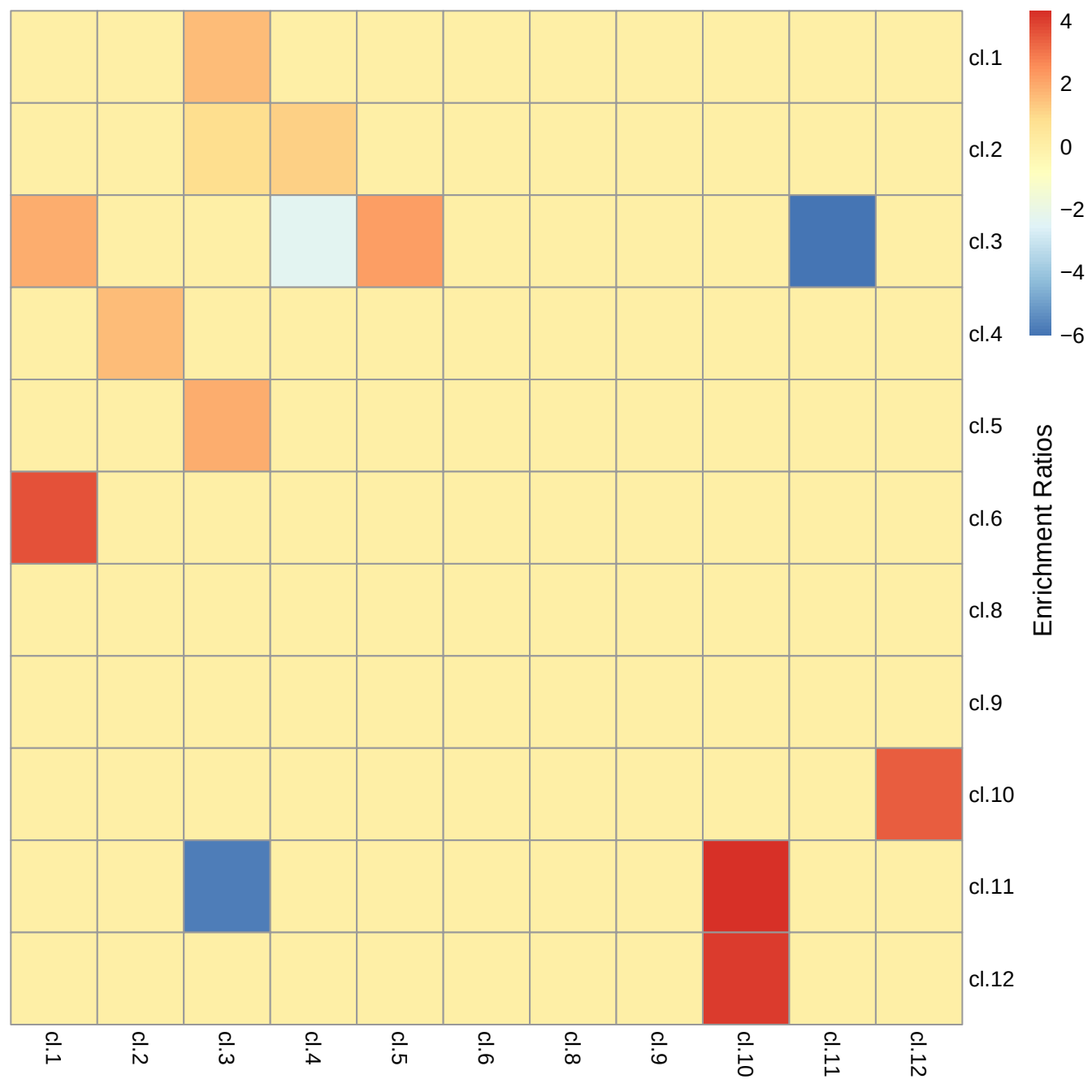

Cell−to−Cell Distance Ratio
Original vs High−dimensional Embedded Space
Frequency
0
2000
4000
6000
8000
10000
12000
0
1
2
3
4
log2 emb. distance/distance


Lineage Trajectories
Colour = Level of Significance, Width = Link Score
6
1
5
3
2
4
9
8
12
10
11
0.64
0.66
0.68
0.70
0.72
2.5
3.0
3.5
4.0
4.5
5.0


Minimum Spanning Tree


Minimum Spanning Tree
Cells Projected onto Links
6
1
5
3
2
9
4
8
12
10
11


cl.1
cl.2
cl.3
cl.4
cl.5
cl.6
cl.8
cl.9
cl.10
cl.11
cl.12
Link Score
1
0.8
0.6
0.4
0.2
0


cl.1
cl.2
cl.3
cl.4
cl.5
cl.6
cl.8
cl.9
cl.10
cl.11
cl.12
cl.1
cl.2
cl.3
cl.4
cl.5
cl.6
cl.8
cl.9
cl.10
cl.11
cl.12
4
2
0
−2
−4
−6
Enrichment Ratios