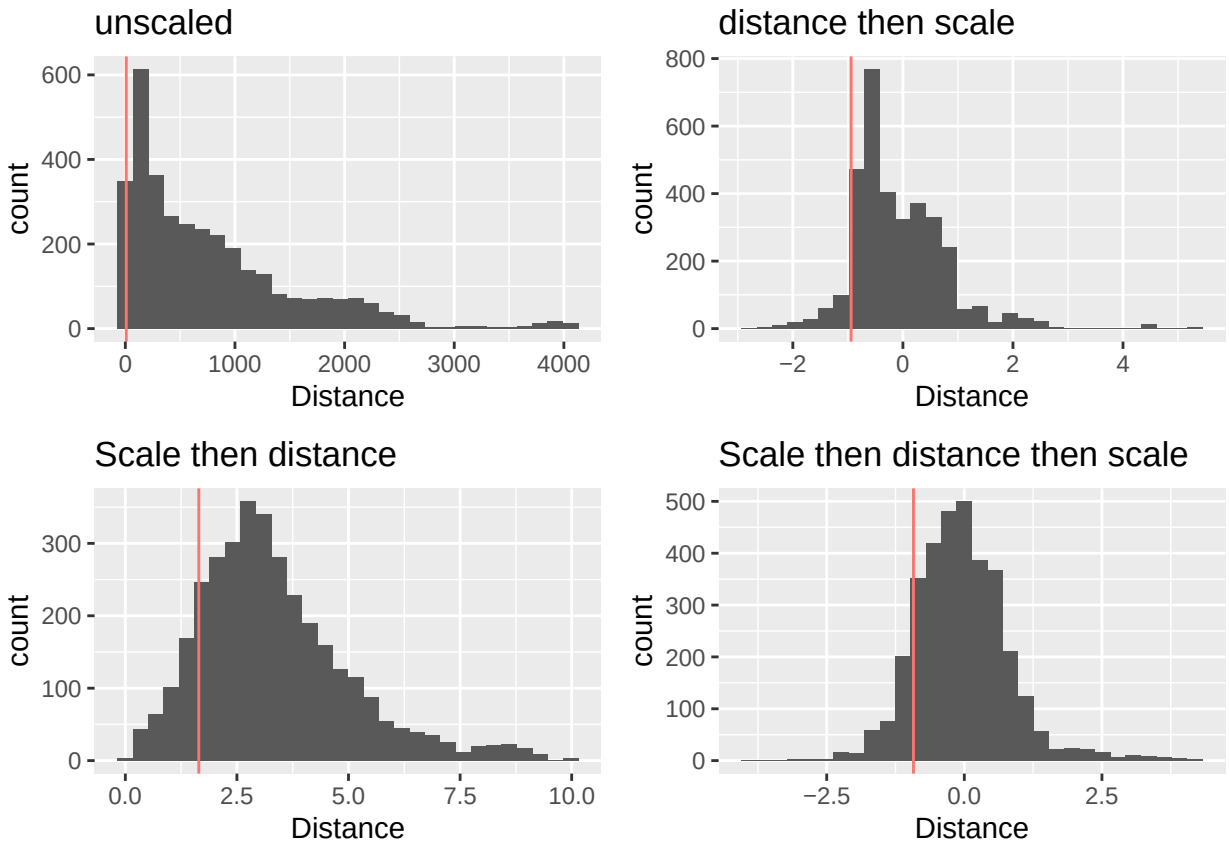
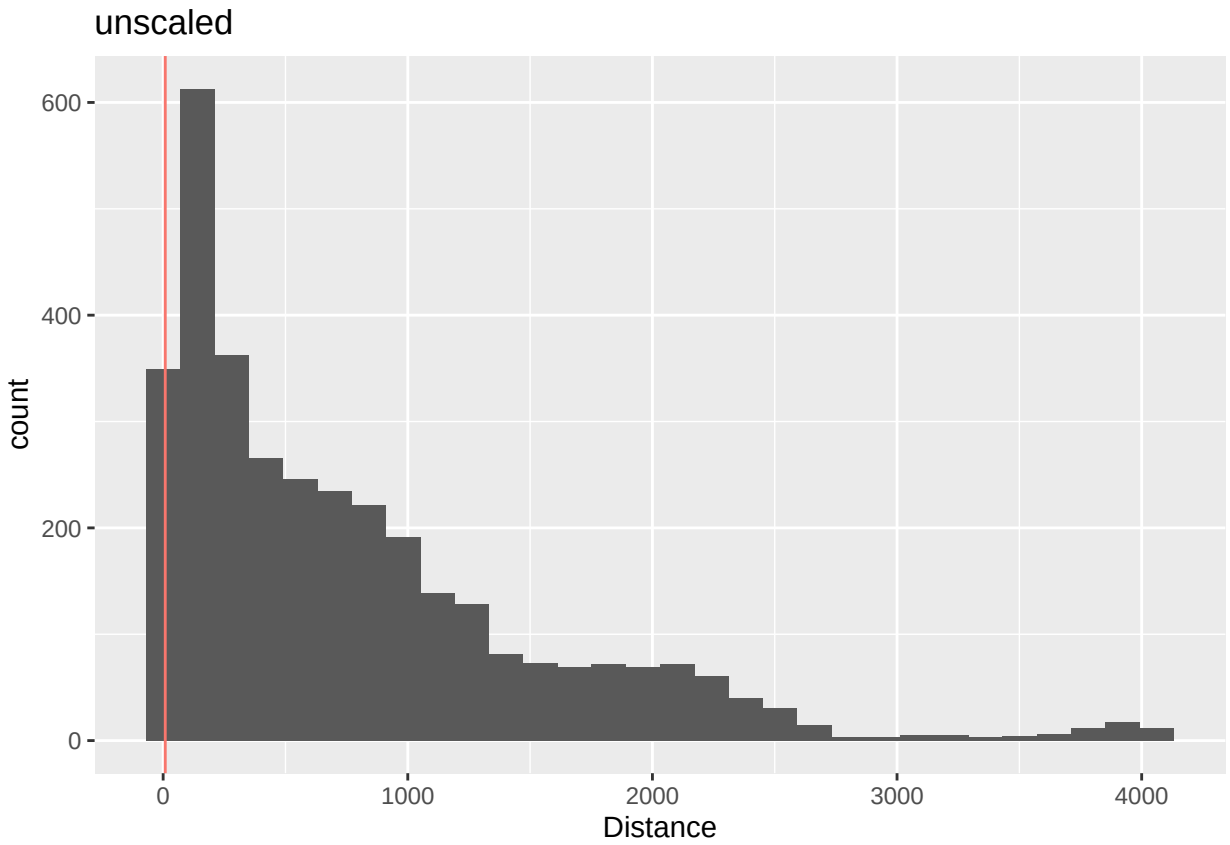
Beer Map


unscaled
count
Distance
0
200
400
600
0
1000
2000
3000
4000
distance then scale
count
Distance
0
200
400
600
800
−2
0
2
4
Scale then distance
count
Distance
0
100
200
300
0.0
2.5
5.0
7.5
10.0
Scale then distance then scale
count
Distance
0
100
200
300
400
500
−2.5
0.0
2.5

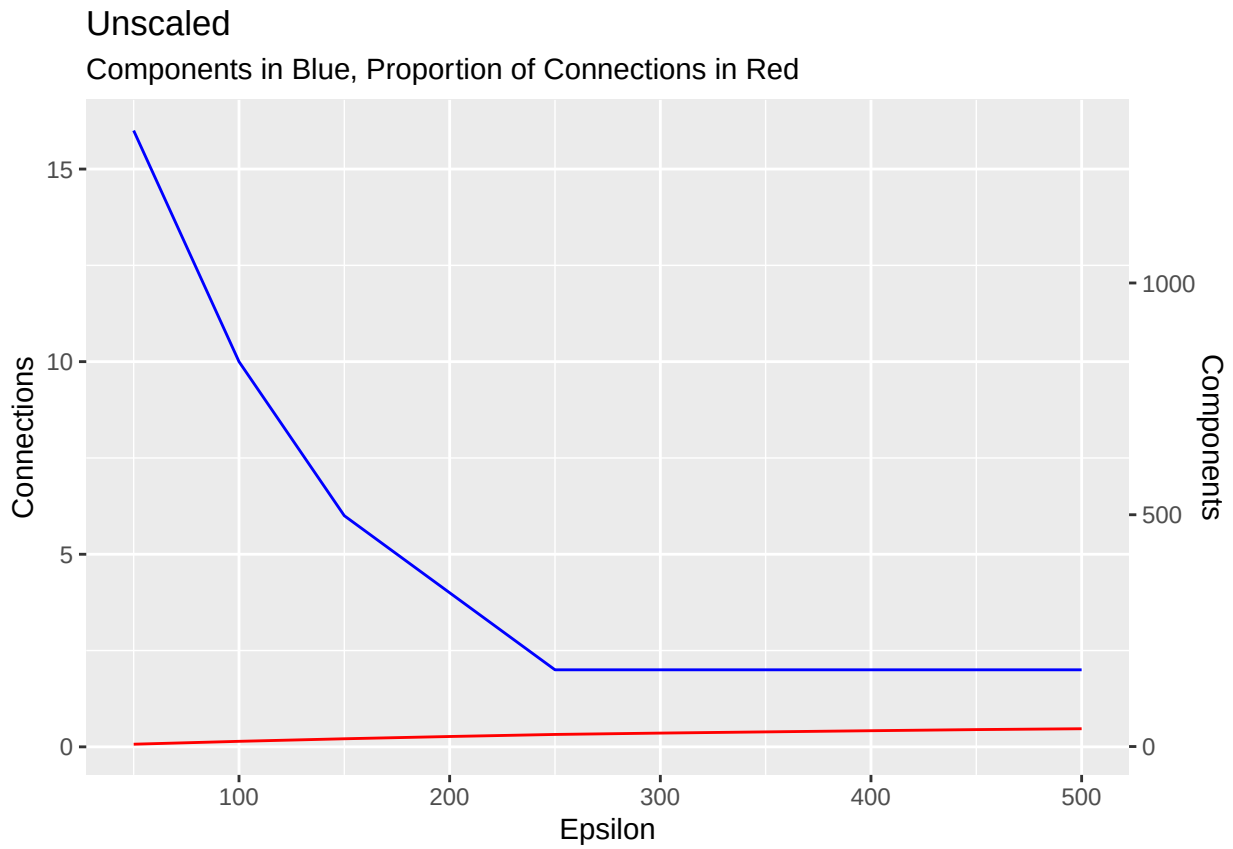
unscaled

Hist

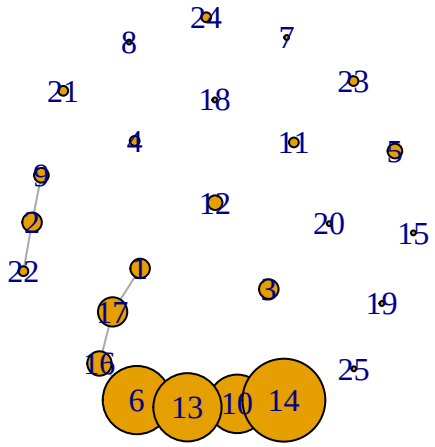


Epsilon Frame

```
##    Epsilon Connections Components
## 1       50   0.0684690         16
## 2      100   0.1436967         10
## 3      150   0.2101087          6
## 4      200   0.2685865          4
## 5      250   0.3217749          2
## 6      300   0.3573318          2
## 7      350   0.3887746          2
## 8      400   0.4187482          2
## 9      450   0.4478401          2
## 10     500   0.4704672          2
```


Unscaled
Components in Blue, Proportion of Connections in Red
Connections
Components
Epsilon
15
10
5
0
1000
500
0
100
200
300
400
500

Map



Analyze

```
##
## Cover Element  1
##          bb        Batch
## 100  TRB-LH  TRB-LH-0164
## 153  TRB-OJ  TRB-OJ-0093
## 157  TRB-OJ  TRB-OJ-0097
## 178 NB-PILS NB-PILS-0082
##
## Cover Element  2
##          bb        Batch
## 183 LAW-SS6 LAW-SS6-0003
## 149  TRB-OJ  TRB-OJ-0087
## 177 NB-PILS NB-PILS-0081
## 189 LAW-SS6 LAW-SS6-0010
##
## Cover Element  3
##          bb        Batch
## 224 TRB-DIE TRB-DIE-0002
## 151  TRB-OJ  TRB-OJ-0089
## 229 TRB-DIE TRB-DIE-0002
## 248 TRB-CRZ TRB-CRZ-0009
```

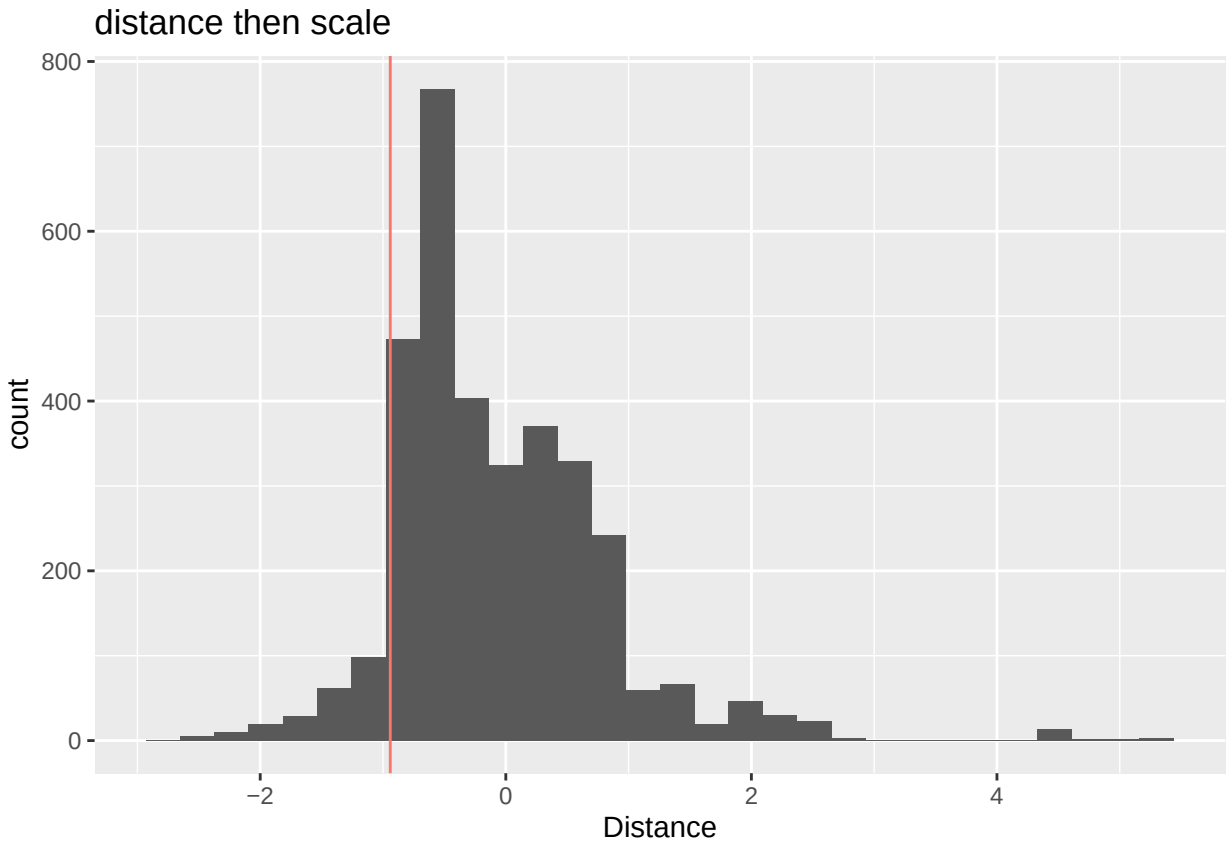
```
##
## Cover Element  4
##          bb        Batch
## 187 LAW-SS6 LAW-SS6-0008
## 26  TRB-R2R TRB-R2R-0214
##
## Cover Element  5
##         bb       Batch
## 110 TRB-LH TRB-LH-0175
## 102 TRB-LH TRB-LH-0166
## 113 TRB-LH TRB-LH-0178
##
## Cover Element  6
##           bb         Batch
## 38   TRB-R2R  TRB-R2R-0231
## 28   TRB-R2R  TRB-R2R-0216
## 31   TRB-R2R  TRB-R2R-0219
## 39   TRB-R2R  TRB-R2R-0232
## 67  TRB-WIPA TRB-WIPA-0149
## 103   TRB-LH   TRB-LH-0167
## 105   TRB-LH   TRB-LH-0169
## 106   TRB-LH   TRB-LH-0171
## 108   TRB-LH   TRB-LH-0173
## 124  TRB-CLD  TRB-CLD-0003
## 148   TRB-OJ   TRB-OJ-0086
## 218 TRB-PILS TRB-PILS-0100
## 225   TRB-HA   TRB-HA-0010
## 245  TRB-CBS  TRB-CBS-0044
##
## Cover Element  7
##          bb        Batch
## 195 LAW-SUN LAW-SUN-0173
##
## Cover Element  8
##          bb        Batch
## 196 LAW-SUN LAW-SUN-0174
##
## Cover Element  9
##          bb        Batch
## 30  TRB-R2R TRB-R2R-0218
## 29  TRB-R2R TRB-R2R-0217
## 149  TRB-OJ  TRB-OJ-0087
##
## Cover Element  10
##           bb         Batch
## 68  TRB-WIPA TRB-WIPA-0150
## 66  TRB-WIPA TRB-WIPA-0147
## 99    TRB-LH   TRB-LH-0161
## 107   TRB-LH   TRB-LH-0172
## 109   TRB-LH   TRB-LH-0174
## 111   TRB-LH   TRB-LH-0176
## 123  TRB-CLD  TRB-CLD-0002
## 243  TRB-CBS  TRB-CBS-0041
## 244  TRB-CBS  TRB-CBS-0043
```

```
## 246  TRB-CBS  TRB-CBS-0045
## 282  TRB-WCS  TRB-WCS-0085
## 284  TRB-WCS  TRB-WCS-0087
##
## Cover Element  11
##          bb        Batch
## 201 LAW-SUN LAW-SUN-0182
## 194 LAW-SUN LAW-SUN-0172
##
## Cover Element  12
##          bb        Batch
## 176 NB-PILS NB-PILS-0080
## 188 LAW-SS6 LAW-SS6-0009
## 249 TRB-CRZ TRB-CRZ-0010
##
## Cover Element  13
##           bb         Batch
## 71  TRB-WIPA TRB-WIPA-0153
## 33   TRB-R2R  TRB-R2R-0221
## 39   TRB-R2R  TRB-R2R-0232
## 66  TRB-WIPA TRB-WIPA-0147
## 67  TRB-WIPA TRB-WIPA-0149
## 99    TRB-LH   TRB-LH-0161
## 105   TRB-LH   TRB-LH-0169
## 106   TRB-LH   TRB-LH-0171
## 108   TRB-LH   TRB-LH-0173
## 123  TRB-CLD  TRB-CLD-0002
## 124  TRB-CLD  TRB-CLD-0003
## 217 TRB-PILS TRB-PILS-0099
## 243  TRB-CBS  TRB-CBS-0041
## 245  TRB-CBS  TRB-CBS-0044
##
## Cover Element  14
##           bb         Batch
## 104   TRB-LH   TRB-LH-0168
## 44    NB-LOD   NB-LOD-0075
## 107   TRB-LH   TRB-LH-0172
## 109   TRB-LH   TRB-LH-0174
## 111   TRB-LH   TRB-LH-0176
## 122   TRB-LH   TRB-LH-0190
## 169  TRB-WEE  TRB-WEE-0002
## 221 TRB-CLEM TRB-CLEM-0003
## 231 TRB-PJAM TRB-PJAM-0003
## 246  TRB-CBS  TRB-CBS-0045
## 264  TRB-LIM  TRB-LIM-0010
## 270  TRB-PFG  TRB-PFG-0012
## 273  TRB-PFG  TRB-PFG-0015
## 281  TRB-WCS  TRB-WCS-0084
## 282  TRB-WCS  TRB-WCS-0085
## 283  TRB-WCS  TRB-WCS-0086
## 284  TRB-WCS  TRB-WCS-0087
##
## Cover Element  15
##          bb        Batch
```

```
## 197 LAW-SUN LAW-SUN-0175
##
## Cover Element  16
##          bb        Batch
## 155  TRB-OJ  TRB-OJ-0095
## 23  TRB-R2R TRB-R2R-0211
## 31  TRB-R2R TRB-R2R-0219
## 148  TRB-OJ  TRB-OJ-0086
## 225  TRB-HA  TRB-HA-0010
##
## Cover Element  17
##          bb        Batch
## 226  TRB-HA  TRB-HA-0011
## 23  TRB-R2R TRB-R2R-0211
## 150  TRB-OJ  TRB-OJ-0088
## 152  TRB-OJ  TRB-OJ-0092
## 157  TRB-OJ  TRB-OJ-0097
## 178 NB-PILS NB-PILS-0082
##
## Cover Element  18
##          bb        Batch
## 199 LAW-SUN LAW-SUN-0179
##
## Cover Element  19
##         bb        Batch
## 24 TRB-R2R TRB-R2R-0212
##
## Cover Element  20
##          bb        Batch
## 202 LAW-SUN LAW-SUN-0183
##
## Cover Element  21
##          bb        Batch
## 186 LAW-SS6 LAW-SS6-0007
## 180 NB-PILS NB-PILS-0084
##
## Cover Element  22
##          bb        Batch
## 184 LAW-SS6 LAW-SS6-0004
## 189 LAW-SS6 LAW-SS6-0010
##
## Cover Element  23
##          bb        Batch
## 175 NB-PILS NB-PILS-0079
## 25  TRB-R2R TRB-R2R-0213
##
## Cover Element  24
##          bb        Batch
## 34  TRB-R2R TRB-R2R-0223
## 198 LAW-SUN LAW-SUN-0177
##
## Cover Element  25
##         bb       Batch
## 235 TRB-RB TRB-RB-0034
```

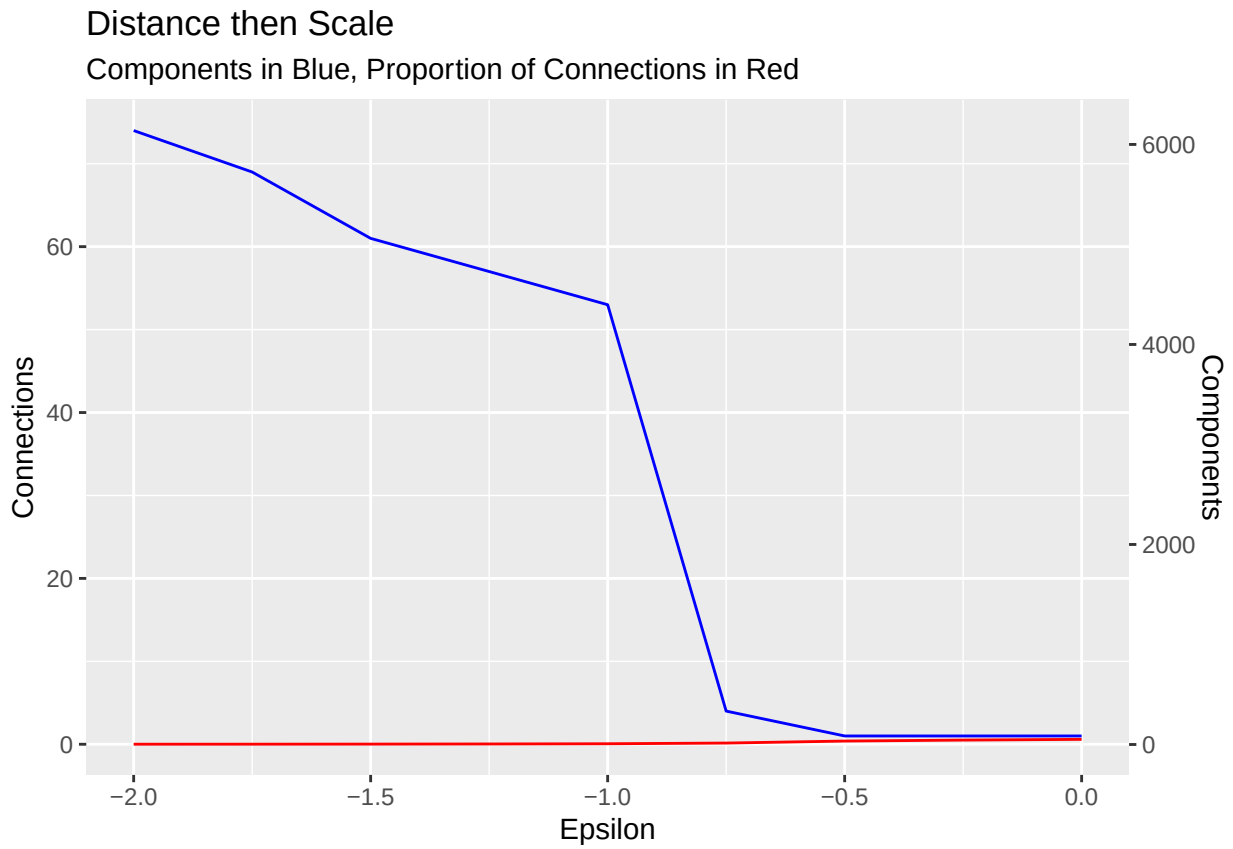
Distance then Scale

Hist

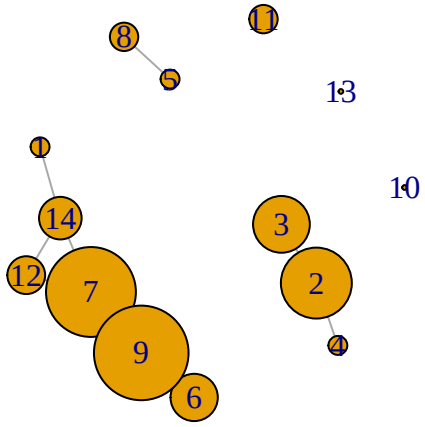


Epsilon Frame

```
##   Epsilon Connections Components
## 1   -2.00 0.006464884         74
## 2   -1.75 0.011754334         69
## 3   -1.50 0.021451660         61
## 4   -1.25 0.037613870         57
## 5   -1.00 0.062885689         53
## 6   -0.75 0.146341463          4
## 7   -0.50 0.388186894          1
## 8   -0.25 0.505730238          1
## 9    0.00 0.591830738          1
```


Distance then Scale
Components in Blue, Proportion of Connections in Red
Connections
Components
Epsilon
0
20
40
60
0
2000
4000
6000
−2.0
−1.5
−1.0
−0.5
0.0

Map



Analyze

```
##
## Cover Element  1
##          bb        Batch
## 155  TRB-OJ  TRB-OJ-0095
## 23  TRB-R2R TRB-R2R-0211
## 150  TRB-OJ  TRB-OJ-0088
## 225  TRB-HA  TRB-HA-0010
##
## Cover Element  2
##           bb         Batch
## 246  TRB-CBS  TRB-CBS-0045
## 68  TRB-WIPA TRB-WIPA-0150
## 104   TRB-LH   TRB-LH-0168
## 107   TRB-LH   TRB-LH-0172
## 109   TRB-LH   TRB-LH-0174
## 111   TRB-LH   TRB-LH-0176
## 122   TRB-LH   TRB-LH-0190
## 123  TRB-CLD  TRB-CLD-0002
## 169  TRB-WEE  TRB-WEE-0002
## 243  TRB-CBS  TRB-CBS-0041
## 244  TRB-CBS  TRB-CBS-0043
```

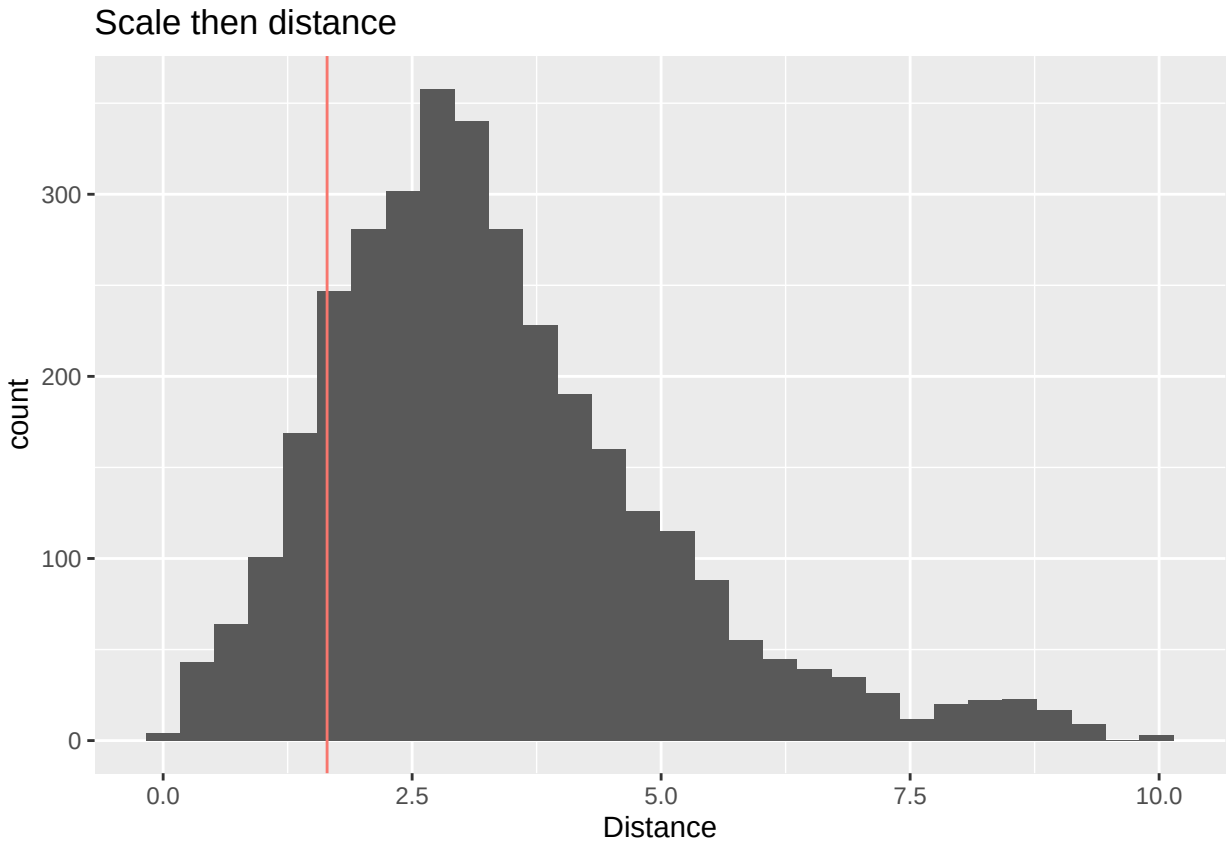
```
## 270  TRB-PFG  TRB-PFG-0012
## 282  TRB-WCS  TRB-WCS-0085
## 283  TRB-WCS  TRB-WCS-0086
## 284  TRB-WCS  TRB-WCS-0087
##
## Cover Element  3
##           bb         Batch
## 221 TRB-CLEM TRB-CLEM-0003
## 44    NB-LOD   NB-LOD-0075
## 104   TRB-LH   TRB-LH-0168
## 122   TRB-LH   TRB-LH-0190
## 169  TRB-WEE  TRB-WEE-0002
## 231 TRB-PJAM TRB-PJAM-0003
## 264  TRB-LIM  TRB-LIM-0010
## 270  TRB-PFG  TRB-PFG-0012
## 273  TRB-PFG  TRB-PFG-0015
## 281  TRB-WCS  TRB-WCS-0084
## 283  TRB-WCS  TRB-WCS-0086
## 284  TRB-WCS  TRB-WCS-0087
##
## Cover Element  4
##           bb         Batch
## 99    TRB-LH   TRB-LH-0161
## 66  TRB-WIPA TRB-WIPA-0147
## 123  TRB-CLD  TRB-CLD-0002
## 243  TRB-CBS  TRB-CBS-0041
##
## Cover Element  5
##          bb        Batch
## 245 TRB-CBS TRB-CBS-0044
## 105  TRB-LH  TRB-LH-0169
## 108  TRB-LH  TRB-LH-0173
## 124 TRB-CLD TRB-CLD-0003
##
## Cover Element  6
##          bb        Batch
## 201 LAW-SUN LAW-SUN-0182
## 34  TRB-R2R TRB-R2R-0223
## 194 LAW-SUN LAW-SUN-0172
## 195 LAW-SUN LAW-SUN-0173
## 196 LAW-SUN LAW-SUN-0174
## 197 LAW-SUN LAW-SUN-0175
## 198 LAW-SUN LAW-SUN-0177
## 199 LAW-SUN LAW-SUN-0179
## 202 LAW-SUN LAW-SUN-0183
## 235  TRB-RB  TRB-RB-0034
##
## Cover Element  7
##          bb        Batch
## 184 LAW-SS6 LAW-SS6-0004
## 26  TRB-R2R TRB-R2R-0214
## 29  TRB-R2R TRB-R2R-0217
## 30  TRB-R2R TRB-R2R-0218
## 102  TRB-LH  TRB-LH-0166
```

```
## 110  TRB-LH  TRB-LH-0175
## 113  TRB-LH  TRB-LH-0178
## 149  TRB-OJ  TRB-OJ-0087
## 151  TRB-OJ  TRB-OJ-0089
## 176 NB-PILS NB-PILS-0080
## 177 NB-PILS NB-PILS-0081
## 183 LAW-SS6 LAW-SS6-0003
## 187 LAW-SS6 LAW-SS6-0008
## 188 LAW-SS6 LAW-SS6-0009
## 189 LAW-SS6 LAW-SS6-0010
## 224 TRB-DIE TRB-DIE-0002
## 229 TRB-DIE TRB-DIE-0002
## 248 TRB-CRZ TRB-CRZ-0009
## 249 TRB-CRZ TRB-CRZ-0010
##
## Cover Element  8
##           bb         Batch
## 106   TRB-LH   TRB-LH-0171
## 33   TRB-R2R  TRB-R2R-0221
## 39   TRB-R2R  TRB-R2R-0232
## 71  TRB-WIPA TRB-WIPA-0153
## 105   TRB-LH   TRB-LH-0169
## 108   TRB-LH   TRB-LH-0173
##
## Cover Element  9
##          bb        Batch
## 180 NB-PILS NB-PILS-0084
## 24  TRB-R2R TRB-R2R-0212
## 25  TRB-R2R TRB-R2R-0213
## 26  TRB-R2R TRB-R2R-0214
## 34  TRB-R2R TRB-R2R-0223
## 175 NB-PILS NB-PILS-0079
## 176 NB-PILS NB-PILS-0080
## 186 LAW-SS6 LAW-SS6-0007
## 187 LAW-SS6 LAW-SS6-0008
## 188 LAW-SS6 LAW-SS6-0009
## 194 LAW-SUN LAW-SUN-0172
## 195 LAW-SUN LAW-SUN-0173
## 196 LAW-SUN LAW-SUN-0174
## 197 LAW-SUN LAW-SUN-0175
## 198 LAW-SUN LAW-SUN-0177
## 199 LAW-SUN LAW-SUN-0179
## 201 LAW-SUN LAW-SUN-0182
## 202 LAW-SUN LAW-SUN-0183
## 235  TRB-RB  TRB-RB-0034
## 249 TRB-CRZ TRB-CRZ-0010
##
## Cover Element  10
##           bb         Batch
## 217 TRB-PILS TRB-PILS-0099
##
## Cover Element  11
##           bb         Batch
## 38   TRB-R2R  TRB-R2R-0231
```

```
## 28   TRB-R2R  TRB-R2R-0216
## 31   TRB-R2R  TRB-R2R-0219
## 67  TRB-WIPA TRB-WIPA-0149
## 103   TRB-LH   TRB-LH-0167
## 148   TRB-OJ   TRB-OJ-0086
##
## Cover Element  12
##          bb        Batch
## 100  TRB-LH  TRB-LH-0164
## 102  TRB-LH  TRB-LH-0166
## 110  TRB-LH  TRB-LH-0175
## 113  TRB-LH  TRB-LH-0178
## 153  TRB-OJ  TRB-OJ-0093
## 157  TRB-OJ  TRB-OJ-0097
## 178 NB-PILS NB-PILS-0082
## 184 LAW-SS6 LAW-SS6-0004
##
## Cover Element  13
##           bb         Batch
## 218 TRB-PILS TRB-PILS-0100
##
## Cover Element  14
##          bb        Batch
## 226  TRB-HA  TRB-HA-0011
## 23  TRB-R2R TRB-R2R-0211
## 100  TRB-LH  TRB-LH-0164
## 113  TRB-LH  TRB-LH-0178
## 150  TRB-OJ  TRB-OJ-0088
## 152  TRB-OJ  TRB-OJ-0092
## 153  TRB-OJ  TRB-OJ-0093
## 157  TRB-OJ  TRB-OJ-0097
## 178 NB-PILS NB-PILS-0082
```

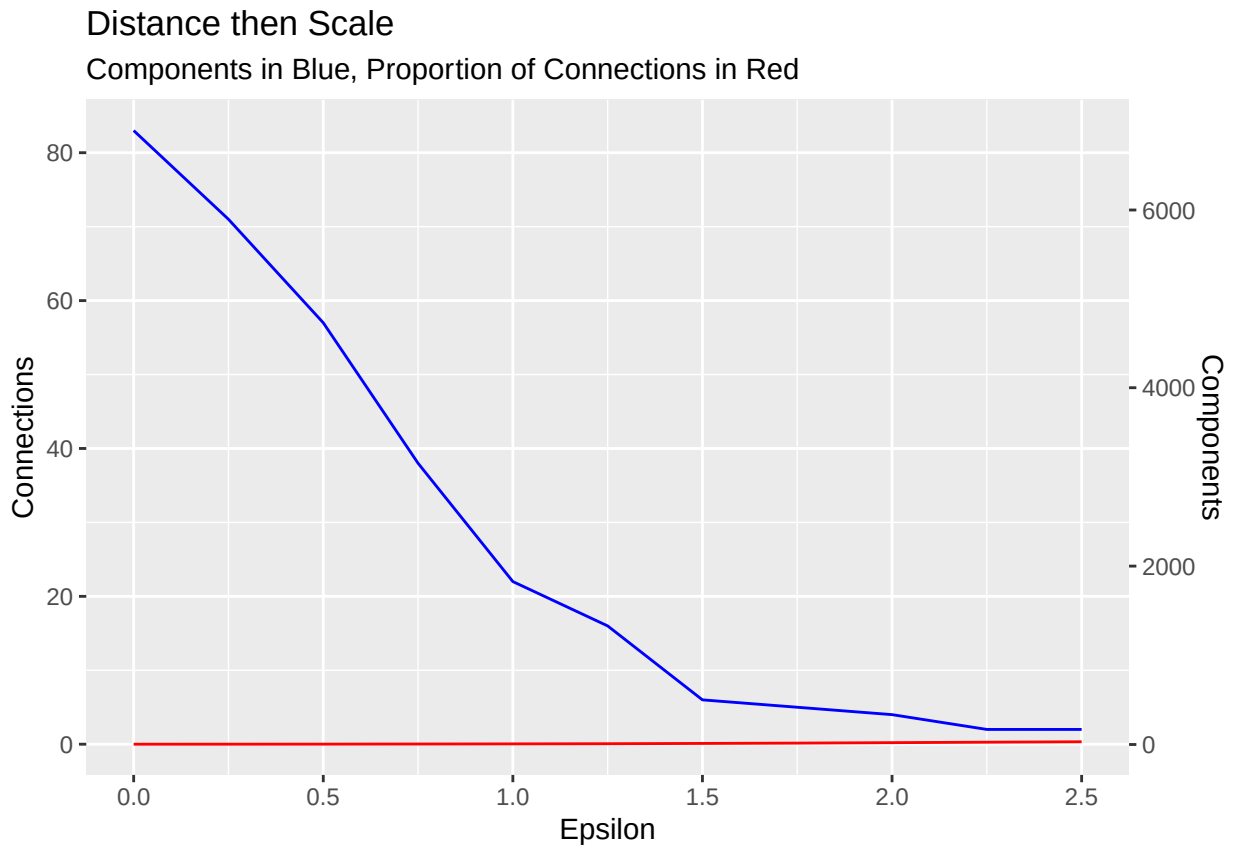
Scale then Distance

Hist

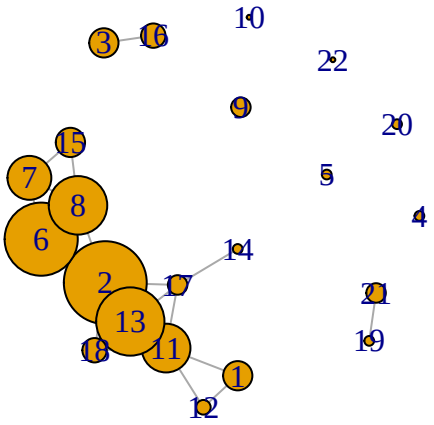


Epsilon Frame

```
##    Epsilon Connections Components
## 1     0.00 0.000000000       6889
## 2     0.25 0.003820159       5893
## 3     0.50 0.012929768       4731
## 4     0.75 0.026153394       3154
## 5     1.00 0.044078754       1826
## 6     1.25 0.066411989       1328
## 7     1.50 0.105201293        498
## 8     1.75 0.150749339        415
## 9     2.00 0.209227153        332
## 10    2.25 0.270643550        166
## 11    2.50 0.330590655        166
```


Distance then Scale
Components in Blue, Proportion of Connections in Red
Connections
Components
Epsilon
0
20
40
60
80
0
2000
4000
6000
0.0
0.5
1.0
1.5
2.0
2.5

Map



Analyze

```
##
## Cover Element  1
##          bb        Batch
## 249 TRB-CRZ TRB-CRZ-0010
## 110  TRB-LH  TRB-LH-0175
## 183 LAW-SS6 LAW-SS6-0003
## 184 LAW-SS6 LAW-SS6-0004
## 188 LAW-SS6 LAW-SS6-0009
## 189 LAW-SS6 LAW-SS6-0010
##
## Cover Element  2
##           bb         Batch
## 109   TRB-LH   TRB-LH-0174
## 66  TRB-WIPA TRB-WIPA-0147
## 67  TRB-WIPA TRB-WIPA-0149
## 68  TRB-WIPA TRB-WIPA-0150
## 71  TRB-WIPA TRB-WIPA-0153
## 99    TRB-LH   TRB-LH-0161
## 103   TRB-LH   TRB-LH-0167
## 104   TRB-LH   TRB-LH-0168
## 105   TRB-LH   TRB-LH-0169
```

```
## 107   TRB-LH   TRB-LH-0172
## 108   TRB-LH   TRB-LH-0173
## 111   TRB-LH   TRB-LH-0176
## 122   TRB-LH   TRB-LH-0190
## 169  TRB-WEE  TRB-WEE-0002
## 178  NB-PILS  NB-PILS-0082
## 281  TRB-WCS  TRB-WCS-0084
## 284  TRB-WCS  TRB-WCS-0087
##
## Cover Element  3
##          bb        Batch
## 199 LAW-SUN LAW-SUN-0179
## 194 LAW-SUN LAW-SUN-0172
## 195 LAW-SUN LAW-SUN-0173
## 197 LAW-SUN LAW-SUN-0175
## 198 LAW-SUN LAW-SUN-0177
## 201 LAW-SUN LAW-SUN-0182
##
## Cover Element  4
##          bb        Batch
## 224 TRB-DIE TRB-DIE-0002
## 229 TRB-DIE TRB-DIE-0002
##
## Cover Element  5
##          bb        Batch
## 187 LAW-SS6 LAW-SS6-0008
## 186 LAW-SS6 LAW-SS6-0007
##
## Cover Element  6
##           bb         Batch
## 23   TRB-R2R  TRB-R2R-0211
## 25   TRB-R2R  TRB-R2R-0213
## 26   TRB-R2R  TRB-R2R-0214
## 28   TRB-R2R  TRB-R2R-0216
## 31   TRB-R2R  TRB-R2R-0219
## 33   TRB-R2R  TRB-R2R-0221
## 38   TRB-R2R  TRB-R2R-0231
## 39   TRB-R2R  TRB-R2R-0232
## 66  TRB-WIPA TRB-WIPA-0147
## 67  TRB-WIPA TRB-WIPA-0149
## 71  TRB-WIPA TRB-WIPA-0153
## 148   TRB-OJ   TRB-OJ-0086
## 149   TRB-OJ   TRB-OJ-0087
## 150   TRB-OJ   TRB-OJ-0088
## 225   TRB-HA   TRB-HA-0010
##
## Cover Element  7
##          bb        Batch
## 151  TRB-OJ  TRB-OJ-0089
## 148  TRB-OJ  TRB-OJ-0086
## 149  TRB-OJ  TRB-OJ-0087
## 150  TRB-OJ  TRB-OJ-0088
## 152  TRB-OJ  TRB-OJ-0092
## 153  TRB-OJ  TRB-OJ-0093
```

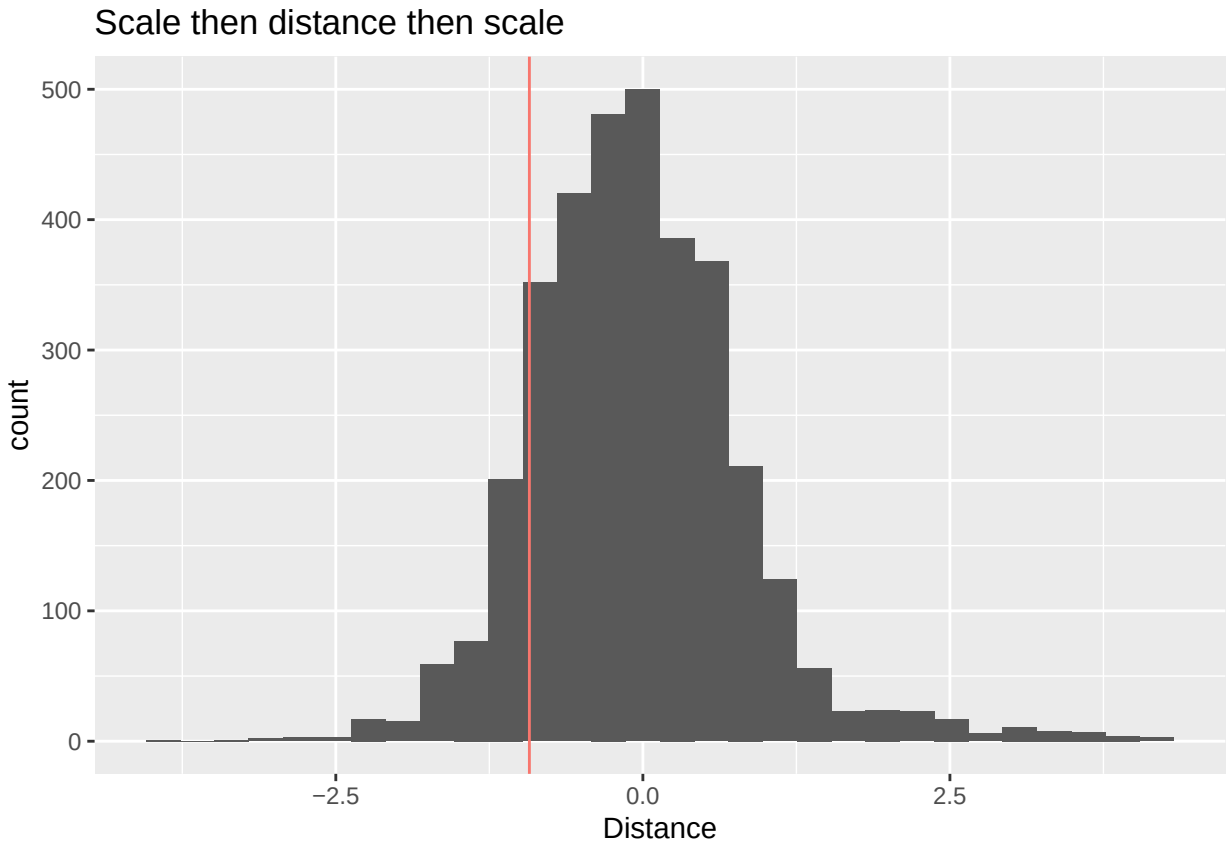
```
## 155  TRB-OJ  TRB-OJ-0095
## 157  TRB-OJ  TRB-OJ-0097
## 245 TRB-CBS TRB-CBS-0044
##
## Cover Element  8
##           bb         Batch
## 226   TRB-HA   TRB-HA-0011
## 66  TRB-WIPA TRB-WIPA-0147
## 67  TRB-WIPA TRB-WIPA-0149
## 68  TRB-WIPA TRB-WIPA-0150
## 71  TRB-WIPA TRB-WIPA-0153
## 123  TRB-CLD  TRB-CLD-0002
## 148   TRB-OJ   TRB-OJ-0086
## 150   TRB-OJ   TRB-OJ-0088
## 225   TRB-HA   TRB-HA-0010
## 244  TRB-CBS  TRB-CBS-0043
## 245  TRB-CBS  TRB-CBS-0044
## 246  TRB-CBS  TRB-CBS-0045
##
## Cover Element  9
##           bb         Batch
## 270  TRB-PFG  TRB-PFG-0012
## 221 TRB-CLEM TRB-CLEM-0003
## 264  TRB-LIM  TRB-LIM-0010
## 273  TRB-PFG  TRB-PFG-0015
##
## Cover Element  10
##         bb       Batch
## 102 TRB-LH TRB-LH-0166
##
## Cover Element  11
##          bb        Batch
## 106  TRB-LH  TRB-LH-0171
## 99   TRB-LH  TRB-LH-0161
## 103  TRB-LH  TRB-LH-0167
## 105  TRB-LH  TRB-LH-0169
## 107  TRB-LH  TRB-LH-0172
## 108  TRB-LH  TRB-LH-0173
## 110  TRB-LH  TRB-LH-0175
## 111  TRB-LH  TRB-LH-0176
## 248 TRB-CRZ TRB-CRZ-0009
## 284 TRB-WCS TRB-WCS-0087
##
## Cover Element  12
##         bb       Batch
## 100 TRB-LH TRB-LH-0164
## 110 TRB-LH TRB-LH-0175
## 113 TRB-LH TRB-LH-0178
##
## Cover Element  13
##          bb        Batch
## 177 NB-PILS NB-PILS-0081
## 99   TRB-LH  TRB-LH-0161
## 103  TRB-LH  TRB-LH-0167
```

```
## 105  TRB-LH  TRB-LH-0169
## 107  TRB-LH  TRB-LH-0172
## 108  TRB-LH  TRB-LH-0173
## 111  TRB-LH  TRB-LH-0176
## 169 TRB-WEE TRB-WEE-0002
## 175 NB-PILS NB-PILS-0079
## 176 NB-PILS NB-PILS-0080
## 178 NB-PILS NB-PILS-0082
## 180 NB-PILS NB-PILS-0084
## 248 TRB-CRZ TRB-CRZ-0009
## 284 TRB-WCS TRB-WCS-0087
##
## Cover Element  14
##          bb        Batch
## 282 TRB-WCS TRB-WCS-0085
## 283 TRB-WCS TRB-WCS-0086
##
## Cover Element  15
##          bb        Batch
## 243 TRB-CBS TRB-CBS-0041
## 123 TRB-CLD TRB-CLD-0002
## 124 TRB-CLD TRB-CLD-0003
## 244 TRB-CBS TRB-CBS-0043
## 245 TRB-CBS TRB-CBS-0044
## 246 TRB-CBS TRB-CBS-0045
##
## Cover Element  16
##          bb        Batch
## 202 LAW-SUN LAW-SUN-0183
## 194 LAW-SUN LAW-SUN-0172
## 195 LAW-SUN LAW-SUN-0173
## 198 LAW-SUN LAW-SUN-0177
## 201 LAW-SUN LAW-SUN-0182
##
## Cover Element  17
##          bb        Batch
## 44   NB-LOD  NB-LOD-0075
## 111  TRB-LH  TRB-LH-0176
## 283 TRB-WCS TRB-WCS-0086
## 284 TRB-WCS TRB-WCS-0087
##
## Cover Element  18
##           bb         Batch
## 231 TRB-PJAM TRB-PJAM-0003
## 107   TRB-LH   TRB-LH-0172
## 122   TRB-LH   TRB-LH-0190
## 169  TRB-WEE  TRB-WEE-0002
## 281  TRB-WCS  TRB-WCS-0084
##
## Cover Element  19
##         bb        Batch
## 29 TRB-R2R TRB-R2R-0217
## 24 TRB-R2R TRB-R2R-0212
##
```

```
## Cover Element  20
##           bb         Batch
## 217 TRB-PILS TRB-PILS-0099
## 218 TRB-PILS TRB-PILS-0100
##
## Cover Element  21
##          bb        Batch
## 34  TRB-R2R TRB-R2R-0223
## 24  TRB-R2R TRB-R2R-0212
## 30  TRB-R2R TRB-R2R-0218
## 235  TRB-RB  TRB-RB-0034
##
## Cover Element  22
##          bb        Batch
## 196 LAW-SUN LAW-SUN-0174
```

Scale then Scale

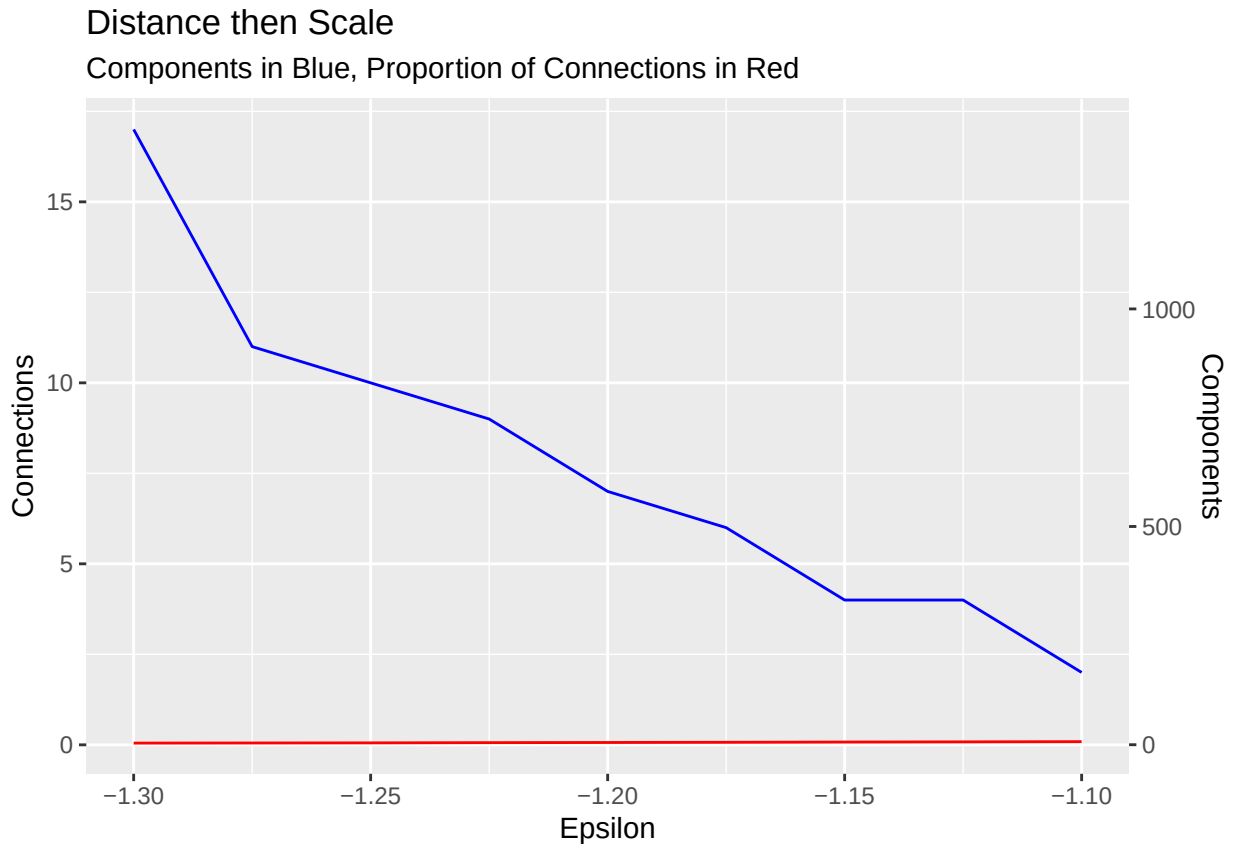
Hist



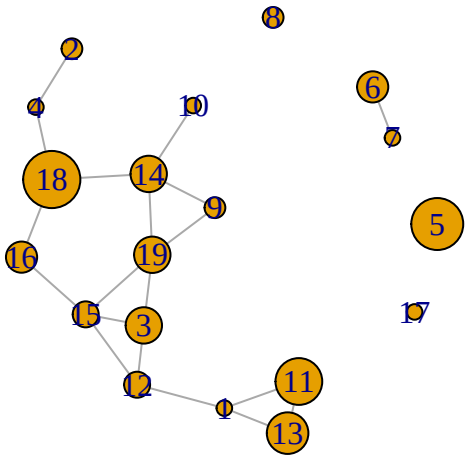
Epsilon Frame

```
##   Epsilon Connections Components
## 1  -1.300  0.04731120       1411
```

```
## 2  -1.275  0.05083750        913
## 3  -1.250  0.05318836        830
## 4  -1.225  0.06024096        747
## 5  -1.200  0.06435498        581
## 6  -1.175  0.06993829        498
## 7  -1.150  0.07610932        332
## 8  -1.125  0.08139877        332
## 9  -1.100  0.08698207        166
```



Map



Analyze

```
##
## Cover Element  1
##         bb        Batch
## 25 TRB-R2R TRB-R2R-0213
## 26 TRB-R2R TRB-R2R-0214
## 30 TRB-R2R TRB-R2R-0218
##
## Cover Element  2
##           bb         Batch
## 270  TRB-PFG  TRB-PFG-0012
## 221 TRB-CLEM TRB-CLEM-0003
## 264  TRB-LIM  TRB-LIM-0010
## 273  TRB-PFG  TRB-PFG-0015
##
## Cover Element  3
##          bb        Batch
## 188 LAW-SS6 LAW-SS6-0009
## 184 LAW-SS6 LAW-SS6-0004
## 186 LAW-SS6 LAW-SS6-0007
## 187 LAW-SS6 LAW-SS6-0008
## 189 LAW-SS6 LAW-SS6-0010
```

```
## 235  TRB-RB  TRB-RB-0034
## 249 TRB-CRZ TRB-CRZ-0010
##
## Cover Element  4
##           bb         Batch
## 231 TRB-PJAM TRB-PJAM-0003
## 221 TRB-CLEM TRB-CLEM-0003
## 281  TRB-WCS  TRB-WCS-0084
##
## Cover Element  5
##          bb        Batch
## 201 LAW-SUN LAW-SUN-0182
## 194 LAW-SUN LAW-SUN-0172
## 195 LAW-SUN LAW-SUN-0173
## 196 LAW-SUN LAW-SUN-0174
## 197 LAW-SUN LAW-SUN-0175
## 198 LAW-SUN LAW-SUN-0177
## 199 LAW-SUN LAW-SUN-0179
## 202 LAW-SUN LAW-SUN-0183
## 224 TRB-DIE TRB-DIE-0002
## 229 TRB-DIE TRB-DIE-0002
##
## Cover Element  6
##          bb        Batch
## 243 TRB-CBS TRB-CBS-0041
## 123 TRB-CLD TRB-CLD-0002
## 124 TRB-CLD TRB-CLD-0003
## 244 TRB-CBS TRB-CBS-0043
## 245 TRB-CBS TRB-CBS-0044
## 246 TRB-CBS TRB-CBS-0045
##
## Cover Element  7
##          bb        Batch
## 226  TRB-HA  TRB-HA-0011
## 225  TRB-HA  TRB-HA-0010
## 246 TRB-CBS TRB-CBS-0045
##
## Cover Element  8
##          bb         Batch
## 66 TRB-WIPA TRB-WIPA-0147
## 67 TRB-WIPA TRB-WIPA-0149
## 68 TRB-WIPA TRB-WIPA-0150
## 71 TRB-WIPA TRB-WIPA-0153
##
## Cover Element  9
##          bb        Batch
## 180 NB-PILS NB-PILS-0084
## 175 NB-PILS NB-PILS-0079
## 176 NB-PILS NB-PILS-0080
## 177 NB-PILS NB-PILS-0081
##
## Cover Element  10
##          bb        Batch
## 283 TRB-WCS TRB-WCS-0086
```

```
## 44   NB-LOD  NB-LOD-0075
## 282 TRB-WCS TRB-WCS-0085
##
## Cover Element  11
##          bb        Batch
## 149  TRB-OJ  TRB-OJ-0087
## 25  TRB-R2R TRB-R2R-0213
## 148  TRB-OJ  TRB-OJ-0086
## 150  TRB-OJ  TRB-OJ-0088
## 151  TRB-OJ  TRB-OJ-0089
## 152  TRB-OJ  TRB-OJ-0092
## 153  TRB-OJ  TRB-OJ-0093
## 155  TRB-OJ  TRB-OJ-0095
## 157  TRB-OJ  TRB-OJ-0097
##
## Cover Element  12
##          bb        Batch
## 24  TRB-R2R TRB-R2R-0212
## 29  TRB-R2R TRB-R2R-0217
## 30  TRB-R2R TRB-R2R-0218
## 34  TRB-R2R TRB-R2R-0223
## 235  TRB-RB  TRB-RB-0034
##
## Cover Element  13
##         bb        Batch
## 23 TRB-R2R TRB-R2R-0211
## 25 TRB-R2R TRB-R2R-0213
## 26 TRB-R2R TRB-R2R-0214
## 28 TRB-R2R TRB-R2R-0216
## 31 TRB-R2R TRB-R2R-0219
## 33 TRB-R2R TRB-R2R-0221
## 38 TRB-R2R TRB-R2R-0231
## 39 TRB-R2R TRB-R2R-0232
##
## Cover Element  14
##          bb        Batch
## 284 TRB-WCS TRB-WCS-0087
## 44   NB-LOD  NB-LOD-0075
## 111  TRB-LH  TRB-LH-0176
## 169 TRB-WEE TRB-WEE-0002
## 177 NB-PILS NB-PILS-0081
## 178 NB-PILS NB-PILS-0082
## 283 TRB-WCS TRB-WCS-0086
##
## Cover Element  15
##          bb        Batch
## 113  TRB-LH  TRB-LH-0178
## 29  TRB-R2R TRB-R2R-0217
## 100  TRB-LH  TRB-LH-0164
## 110  TRB-LH  TRB-LH-0175
## 249 TRB-CRZ TRB-CRZ-0010
##
## Cover Element  16
##         bb       Batch
```

```
## 108 TRB-LH TRB-LH-0173
## 100 TRB-LH TRB-LH-0164
## 103 TRB-LH TRB-LH-0167
## 105 TRB-LH TRB-LH-0169
## 106 TRB-LH TRB-LH-0171
## 110 TRB-LH TRB-LH-0175
##
## Cover Element  17
##           bb         Batch
## 217 TRB-PILS TRB-PILS-0099
## 102   TRB-LH   TRB-LH-0166
## 218 TRB-PILS TRB-PILS-0100
##
## Cover Element  18
##          bb        Batch
## 107  TRB-LH  TRB-LH-0172
## 99   TRB-LH  TRB-LH-0161
## 104  TRB-LH  TRB-LH-0168
## 105  TRB-LH  TRB-LH-0169
## 109  TRB-LH  TRB-LH-0174
## 111  TRB-LH  TRB-LH-0176
## 122  TRB-LH  TRB-LH-0190
## 169 TRB-WEE TRB-WEE-0002
## 178 NB-PILS NB-PILS-0082
## 281 TRB-WCS TRB-WCS-0084
## 284 TRB-WCS TRB-WCS-0087
##
## Cover Element  19
##          bb        Batch
## 248 TRB-CRZ TRB-CRZ-0009
## 175 NB-PILS NB-PILS-0079
## 176 NB-PILS NB-PILS-0080
## 177 NB-PILS NB-PILS-0081
## 180 NB-PILS NB-PILS-0084
## 183 LAW-SS6 LAW-SS6-0003
## 249 TRB-CRZ TRB-CRZ-0010
```