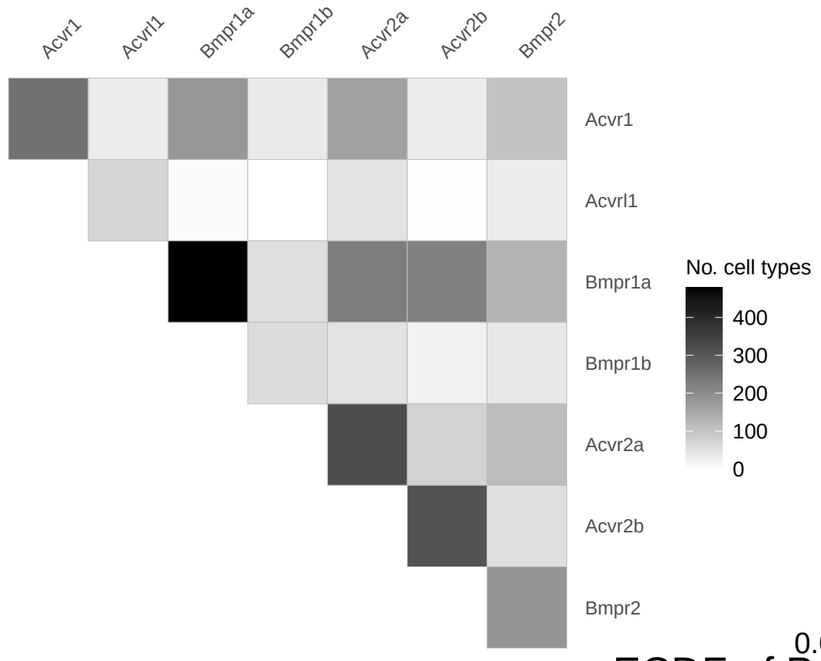
Bmp (k_opt = 81)

Acvr1
Acvrl1
Bmpr1a

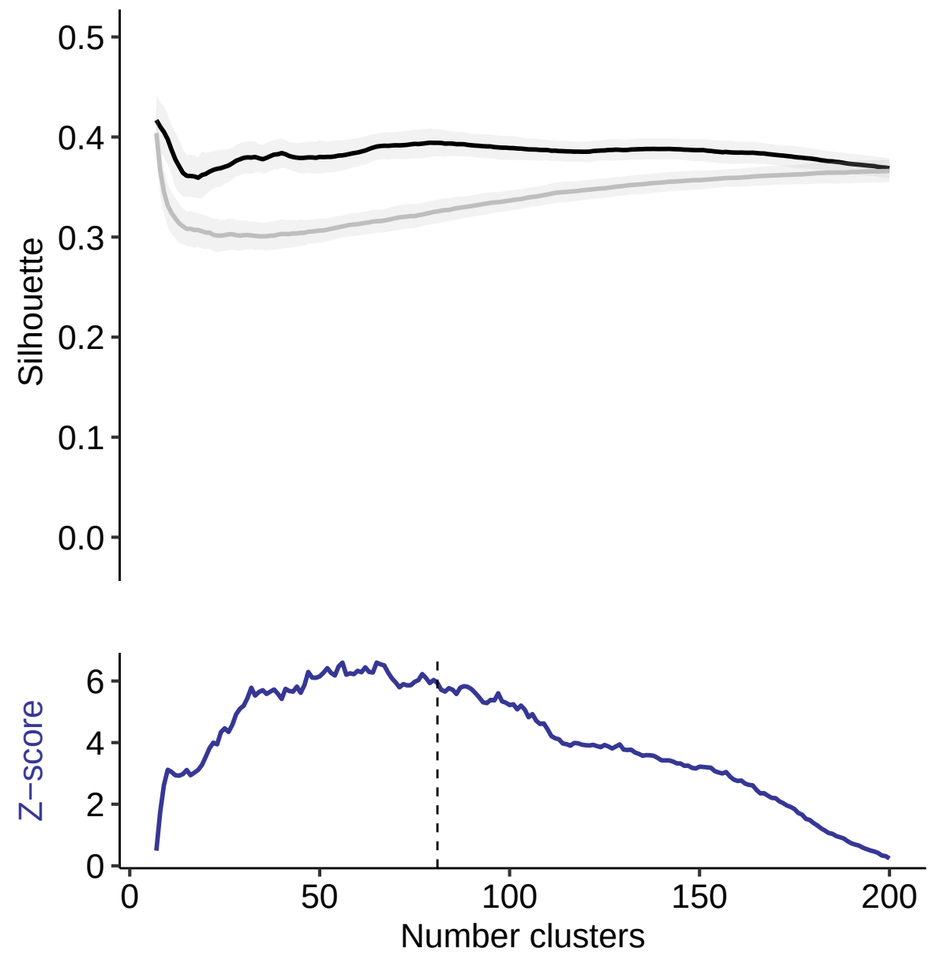
Pathway genes
Bmpr1b
Acvr2a

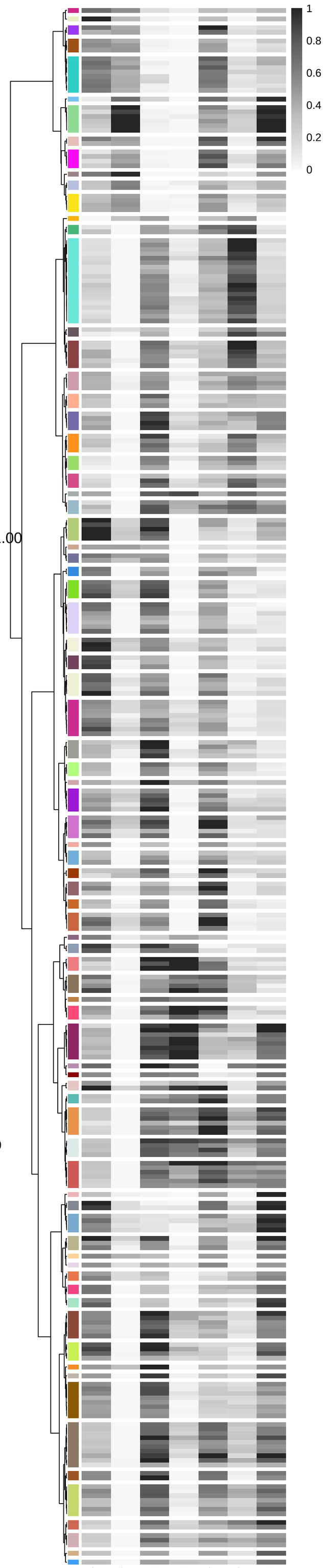
Acvr2b
Bmpr2

Gene Co−Expression Above Threshold

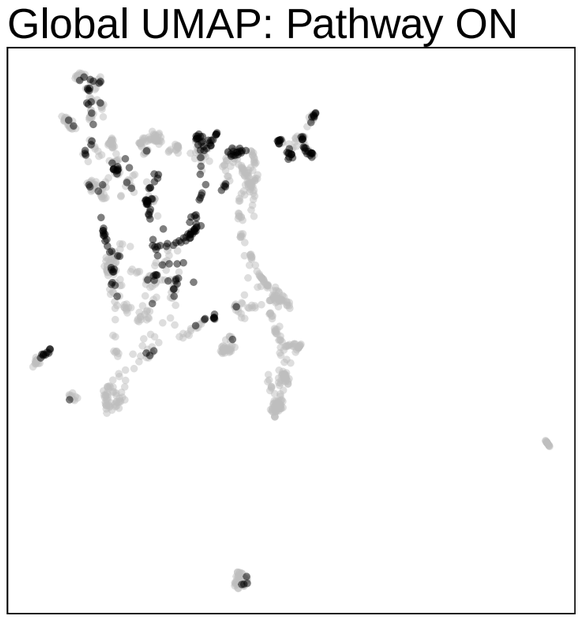


Silhouette and Z−score

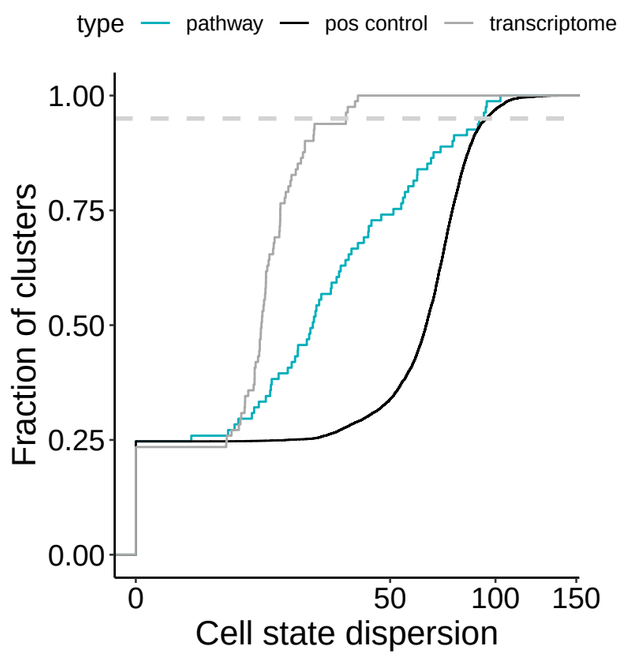




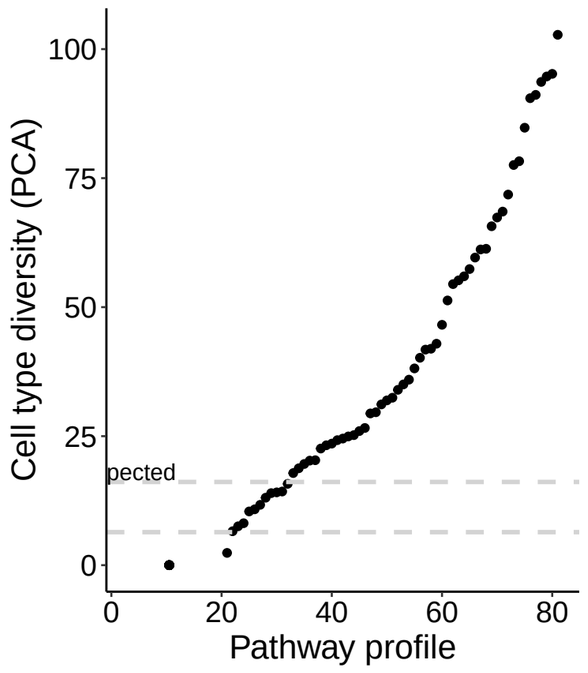
Global UMAP: Pathway ON



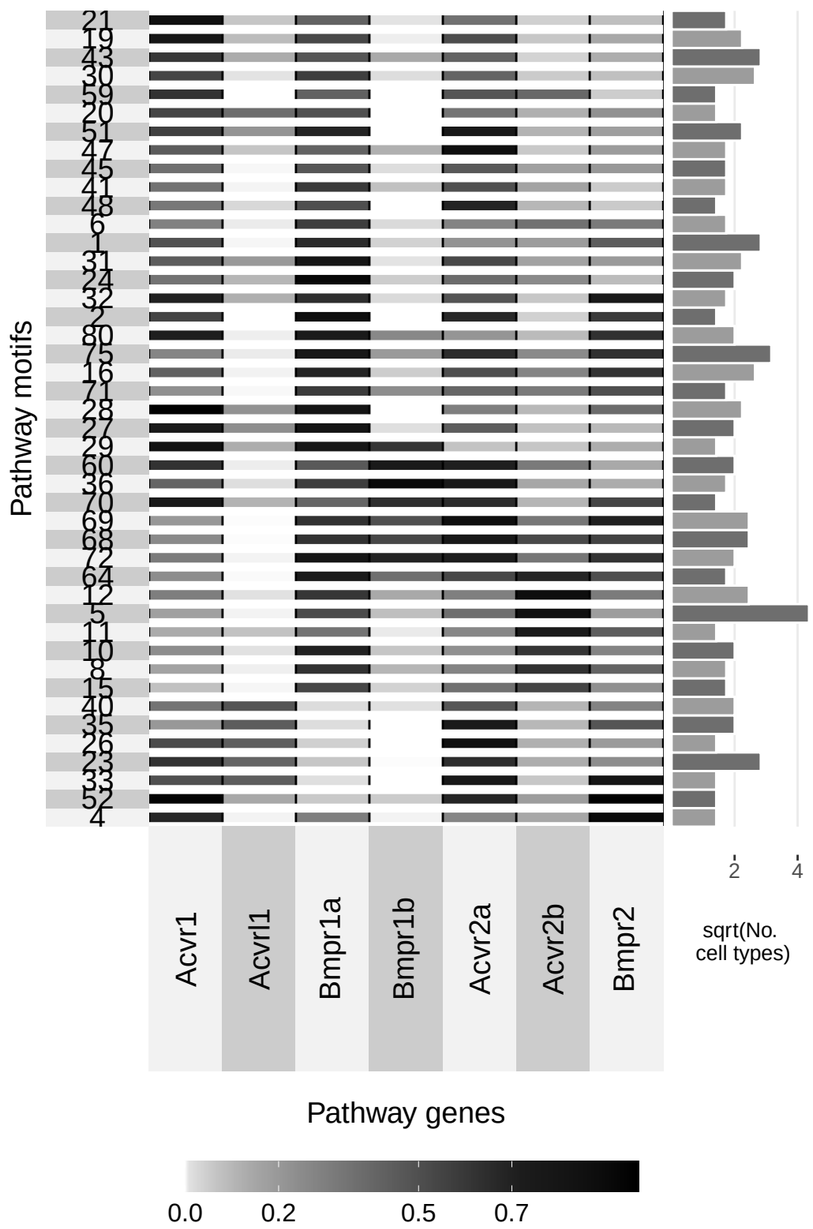
ECDF of Profile Dispersions



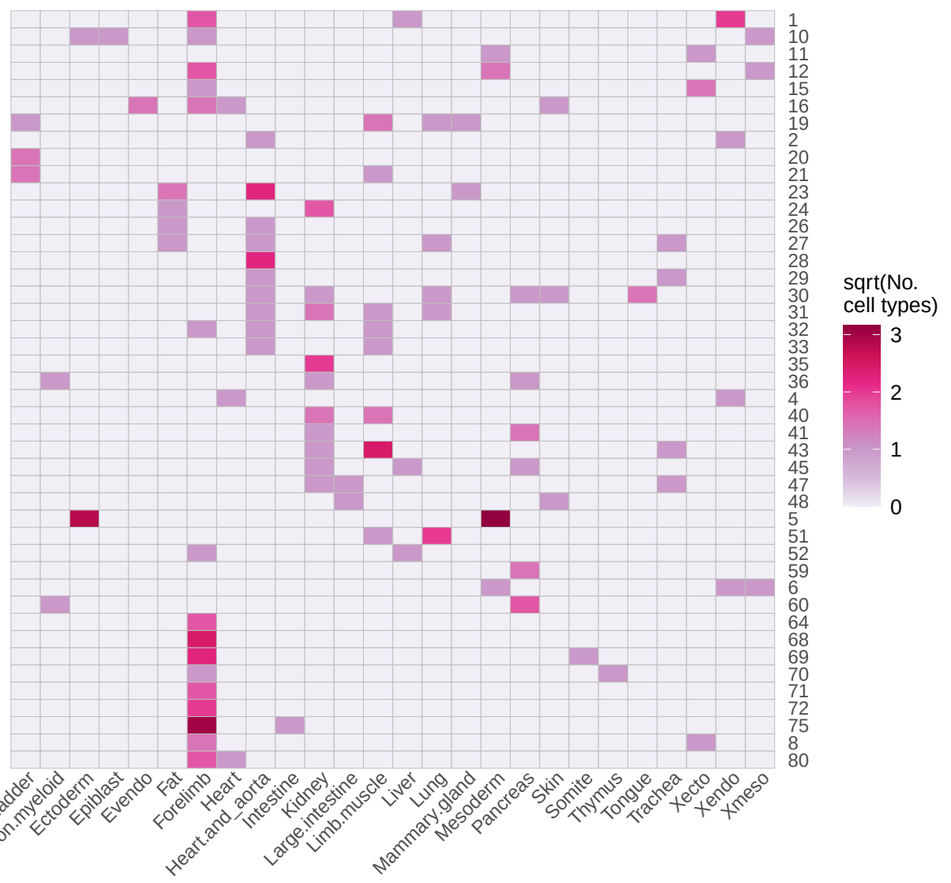
Profile Dispersion Plot



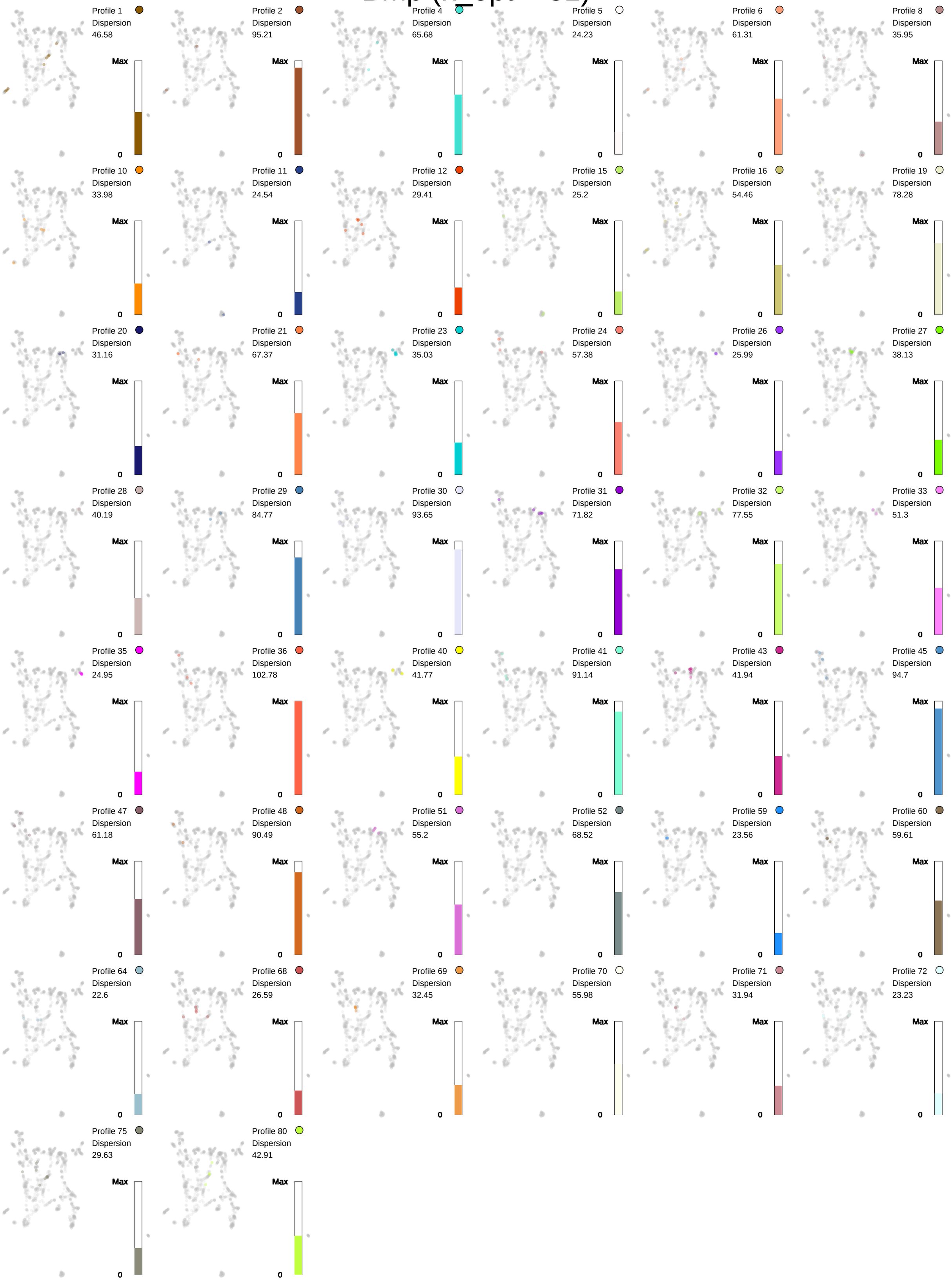
Motifs, Dispersion ≥ 90th percentile



Motif Tissue Composition



Bmp (k_opt = 81)


Profile 1
Dispersion
46.58
Max
0
Profile 2
Dispersion
95.21
Max
0
Profile 4
Dispersion
65.68
Max
0
Profile 5
Dispersion
24.23
Max
0
Profile 6
Dispersion
61.31
Max
0
Profile 8
Dispersion
35.95
Max
0
Profile 10
Dispersion
33.98
Max
0
Profile 11
Dispersion
24.54
Max
0
Profile 12
Dispersion
29.41
Max
0
Profile 15
Dispersion
25.2
Max
0
Profile 16
Dispersion
54.46
Max
0
Profile 19
Dispersion
78.28
Max
0
Profile 20
Dispersion
31.16
Max
0
Profile 21
Dispersion
67.37
Max
0
Profile 23
Dispersion
35.03
Max
0
Profile 24
Dispersion
57.38
Max
0
Profile 26
Dispersion
25.99
Max
0
Profile 27
Dispersion
38.13
Max
0
Profile 28
Dispersion
40.19
Max
0
Profile 29
Dispersion
84.77
Max
0
Profile 30
Dispersion
93.65
Max
0
Profile 31
Dispersion
71.82
Max
0
Profile 32
Dispersion
77.55
Max
0
Profile 33
Dispersion
51.3
Max
0
Profile 35
Dispersion
24.95
Max
0
Profile 36
Dispersion
102.78
Max
0
Profile 40
Dispersion
41.77
Max
0
Profile 41
Dispersion
91.14
Max
0
Profile 43
Dispersion
41.94
Max
0
Profile 45
Dispersion
94.7
Max
0
Profile 47
Dispersion
61.18
Max
0
Profile 48
Dispersion
90.49
Max
0
Profile 51
Dispersion
55.2
Max
0
Profile 52
Dispersion
68.52
Max
0
Profile 59
Dispersion
23.56
Max
0
Profile 60
Dispersion
59.61
Max
0
Profile 64
Dispersion
22.6
Max
0
Profile 68
Dispersion
26.59
Max
0
Profile 69
Dispersion
32.45
Max
0
Profile 70
Dispersion
55.98
Max
0
Profile 71
Dispersion
31.94
Max
0
Profile 72
Dispersion
23.23
Max
0
Profile 75
Dispersion
29.63
Max
0
Profile 80
Dispersion
42.91
Max
0