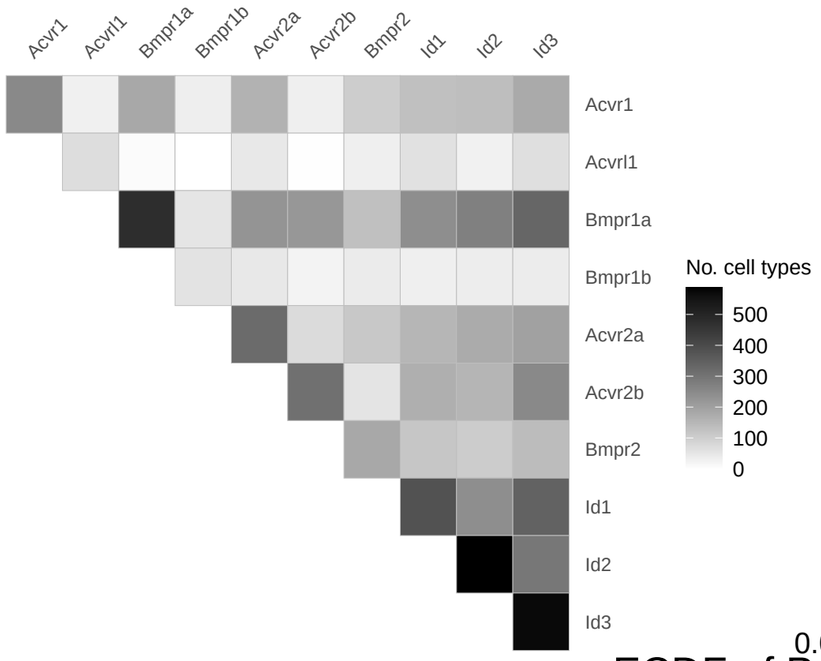
Bmp_down (k_opt = 50)

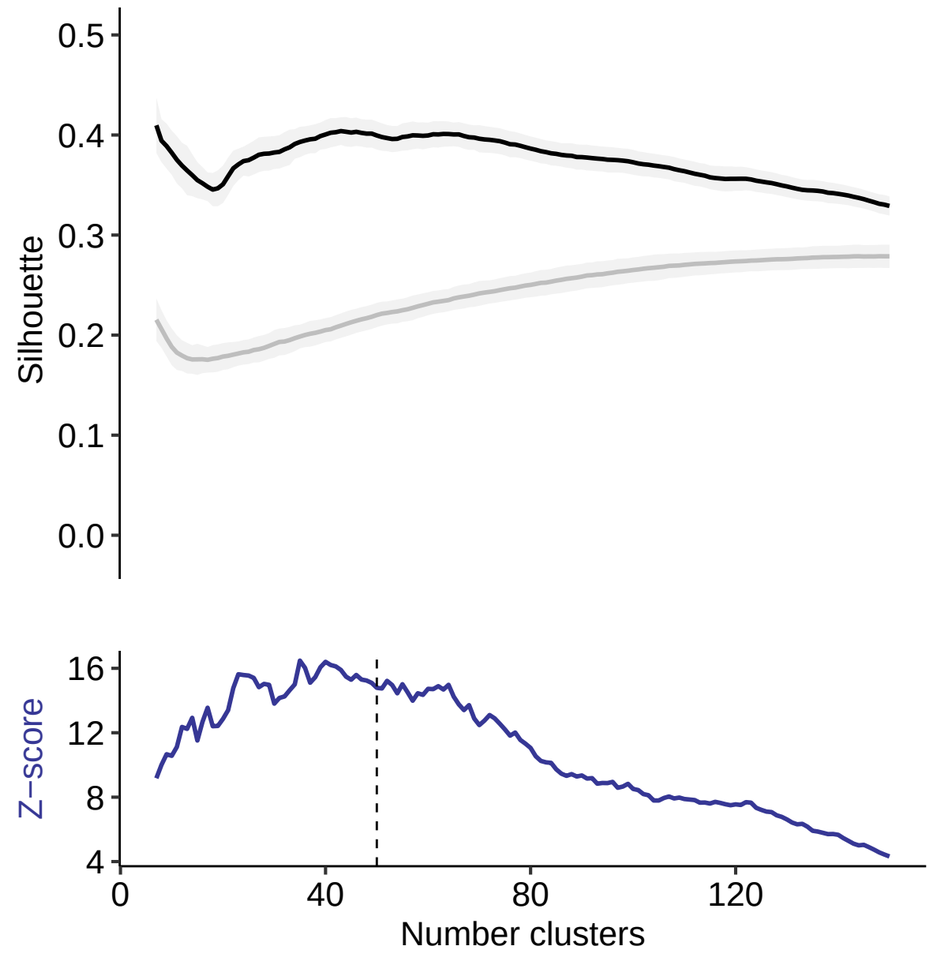
Pathway genes

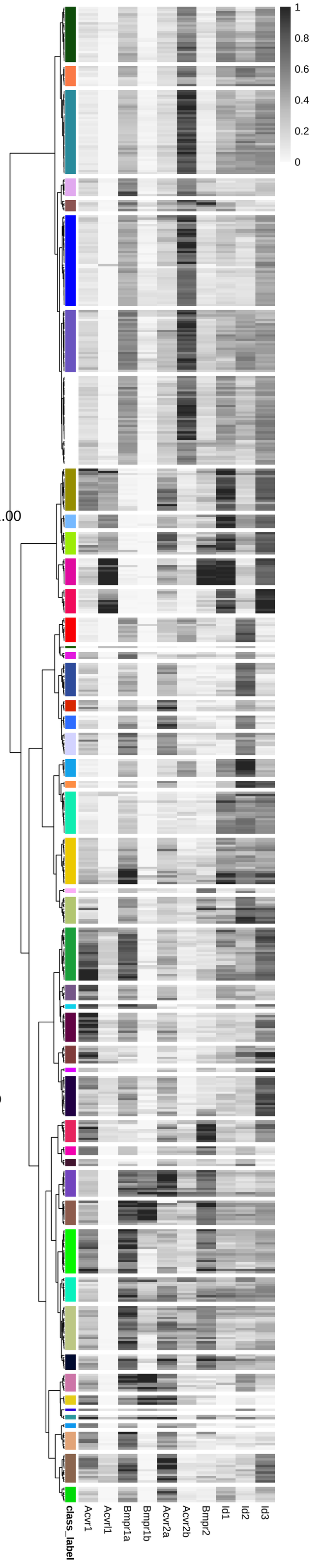
Acvr1
Acvrl1
Bmpr1a
Bmpr1b
Acvr2a
Acvr2b
Bmpr2
Id1
Id2
Id3

Gene Co−Expression Above Threshold

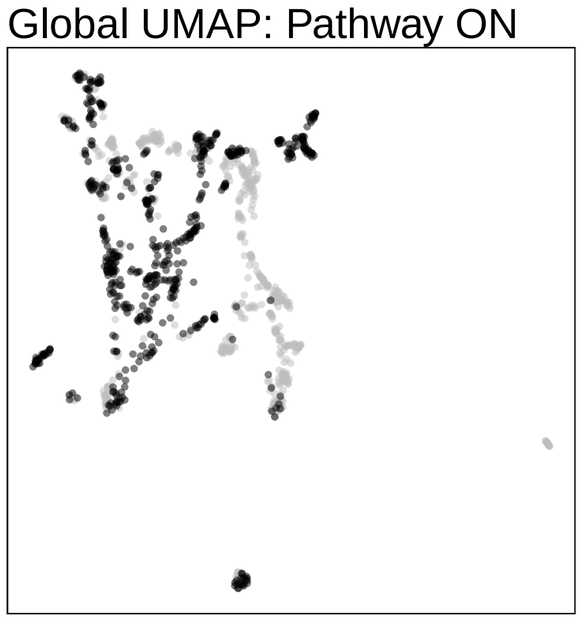


Silhouette and Z−score

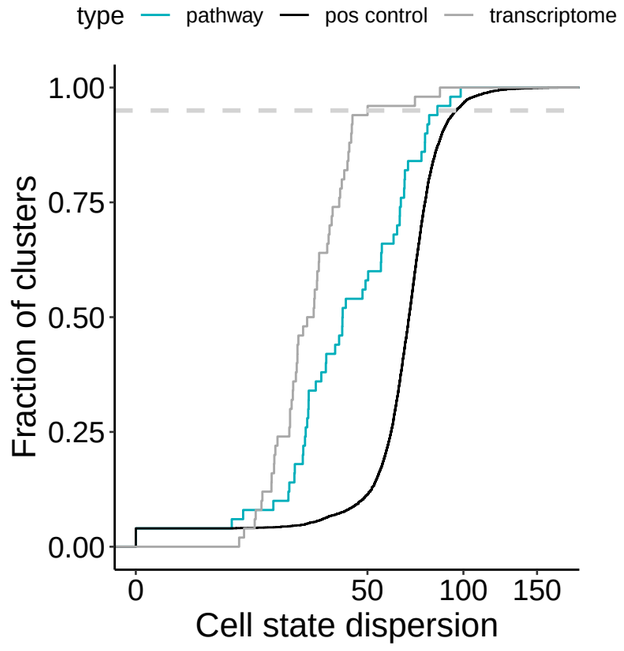




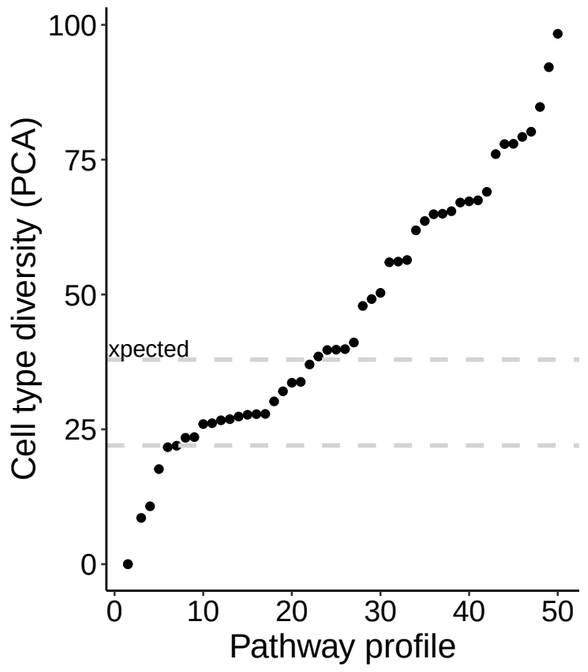
Global UMAP: Pathway ON



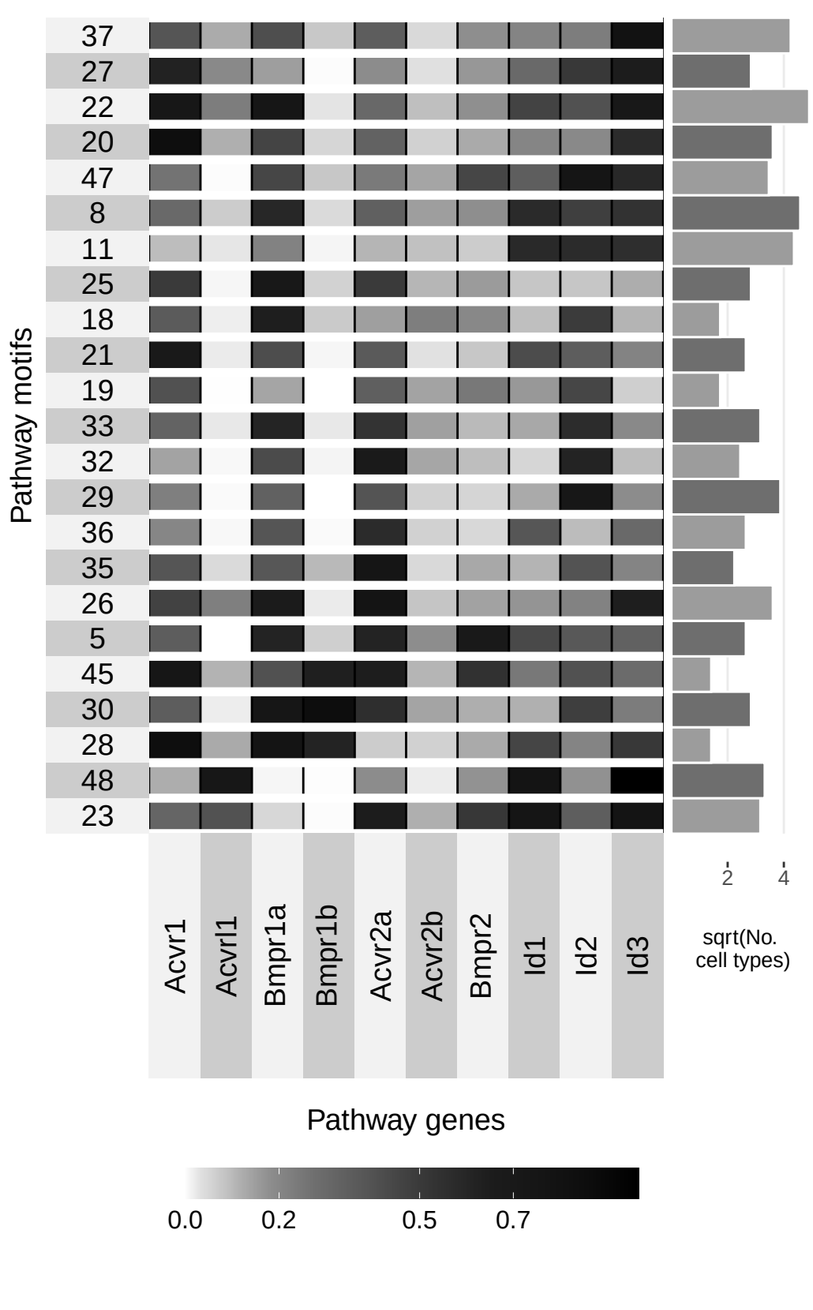
ECDF of Profile Dispersions



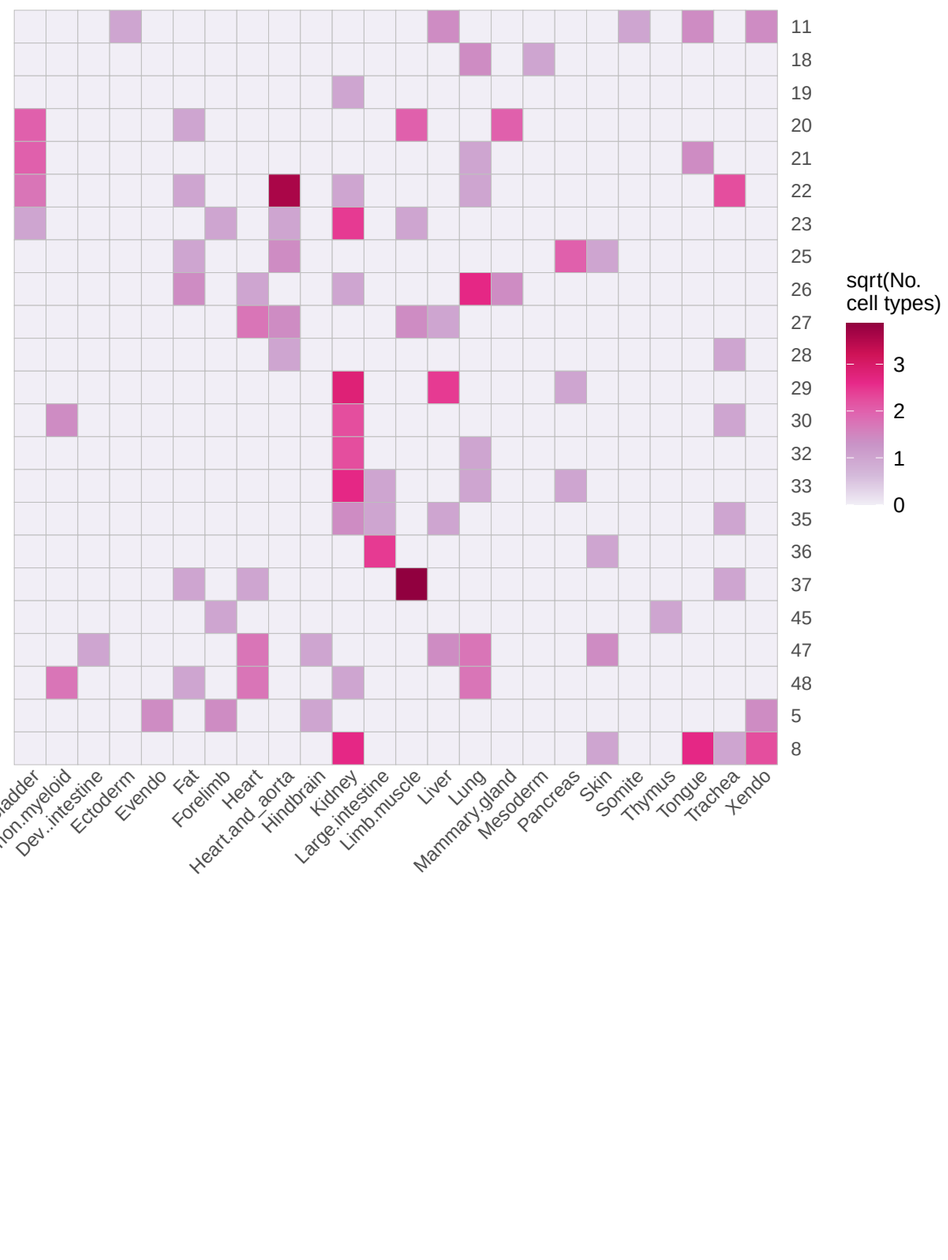
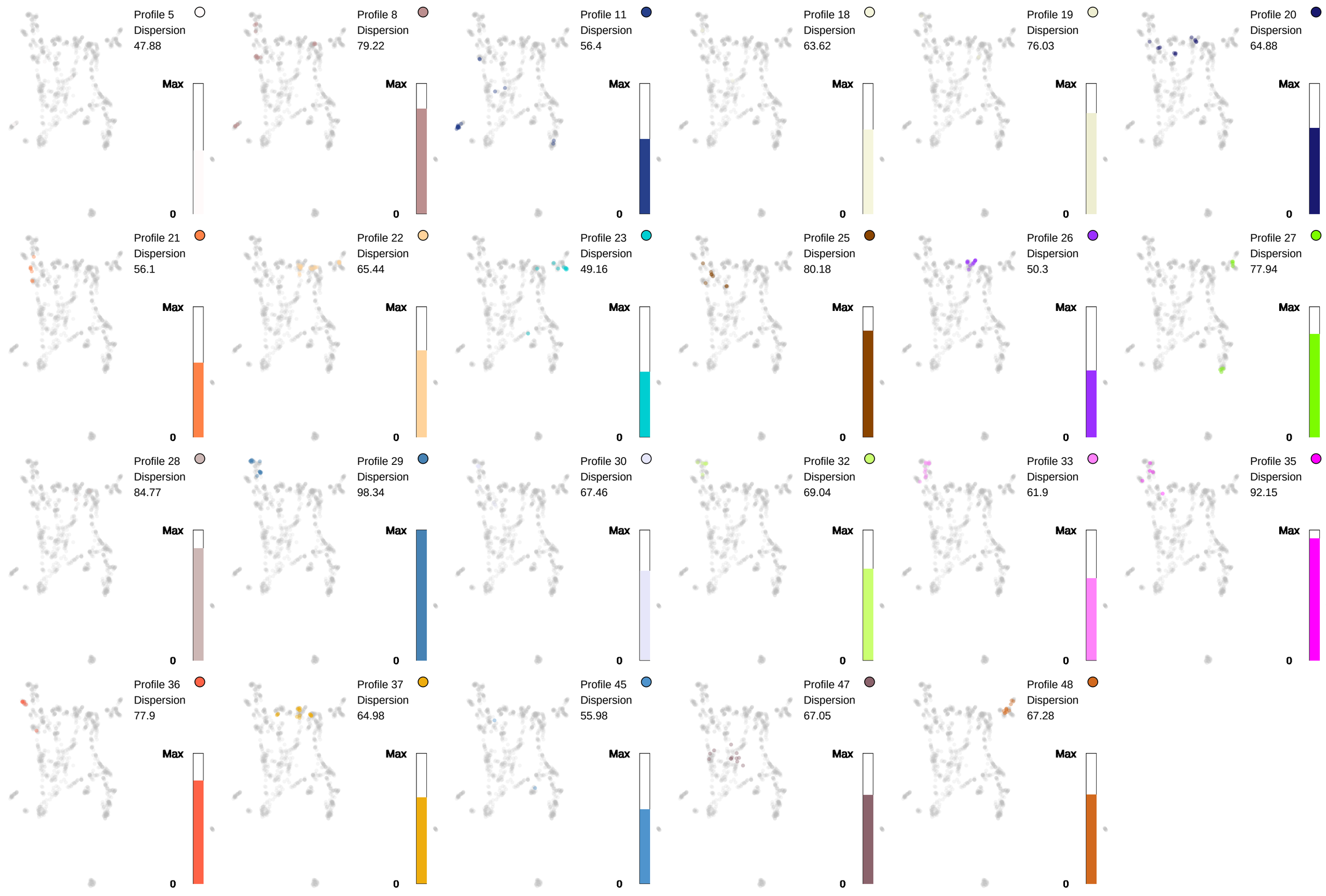
Profile Dispersion Plot



Motifs, Dispersion ≥ 90th percentile



Motif Tissue Composition



Bmp_down (k_opt = 50)