**S1** vs **S2** 0.6 help("plot.vb\_bmm") 0.4 **S**2 0.2



S1

0.4

0.6

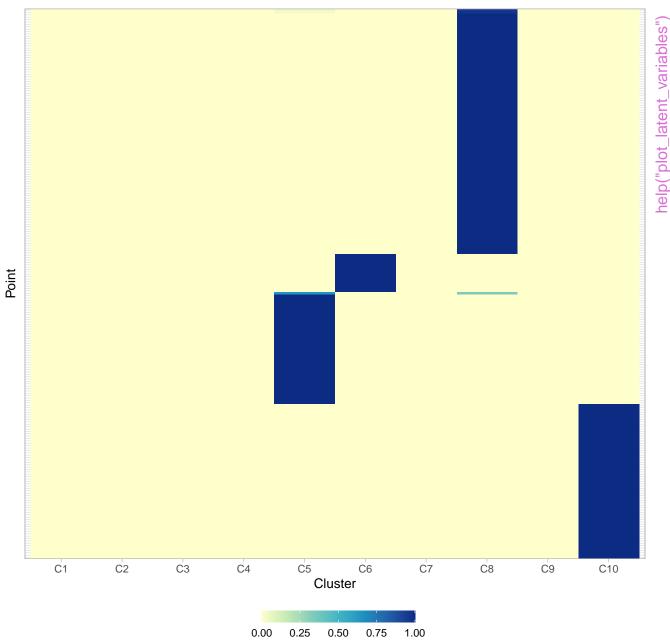
0.2

0.0

0.0

Status: CONVERGED Variational with  $\varepsilon = 1e-10$ -47000 help("plot\_ELBO") -48000 -49000 -50000 -51000 5 10 15 20 step

Latent variables



**Mixing proportions** help("plot\_mixing\_proportions") 1.00 0.75 proportion 0.50 0.25 0.00 C1 C10 C2 C3 C4 C5 C6 C7 C8 C9 cluster cluster

## Binomial peaks

