

(f) Schematic of the involution **f** being applied twice in succession to a model trace and auxiliary proposal trace. The first application merges cluster 2 with the last cluster (cluster 3); the second application splits the resulting cluster, and returns the original pair of traces.

split=false cluster_to_merge=2

(mu, 2)

(var, 2)

(mu, 3)

(var, 3)

weights

(mu, 1)

(var, 1)

(x, 1)..

(x, 2)