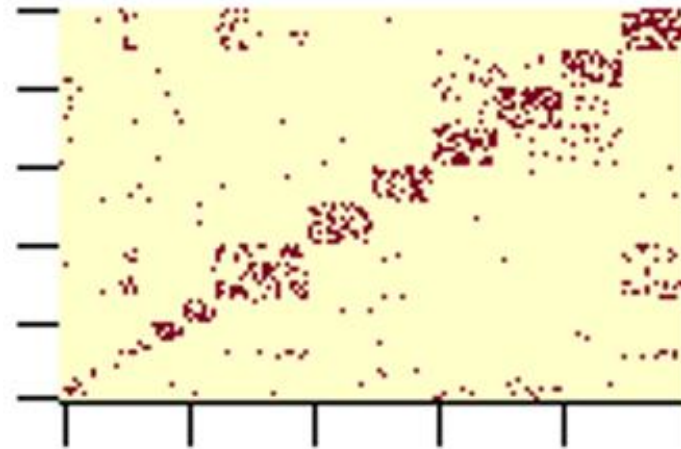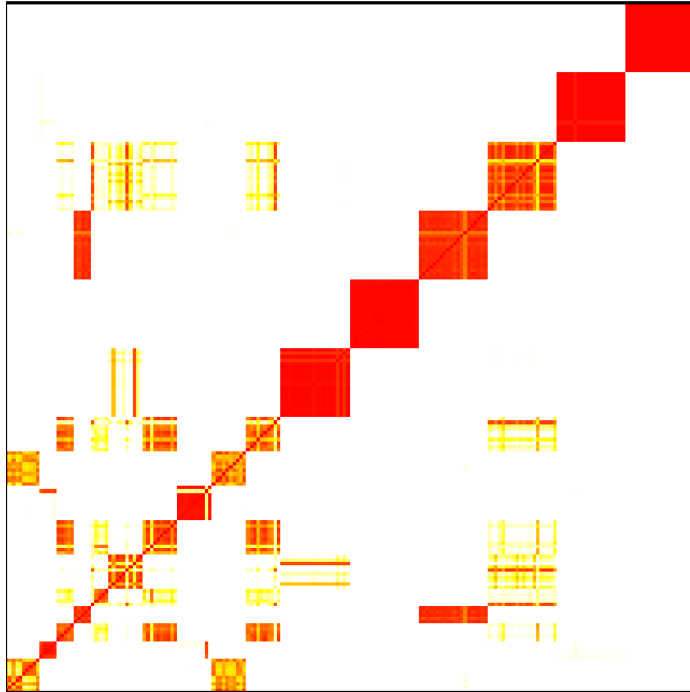Dirichlet Multinomial prior   VS   Dirichlet Process prior

K = 17, Q = 2, nsams = 20k

Incidence matrix

K = 20, Q = 2, nsams = 25k, time = 4549sec

Incidence matrix