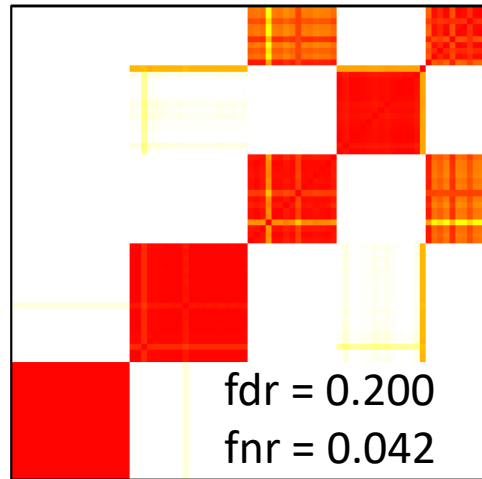80 nodes network − 30k iterations - PY prior

SBM model

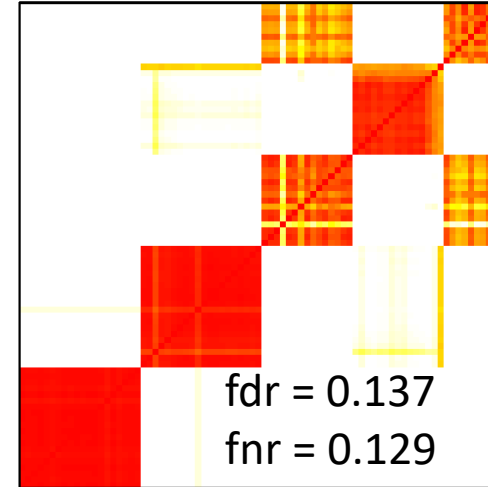K = 5 , 2.3 mins

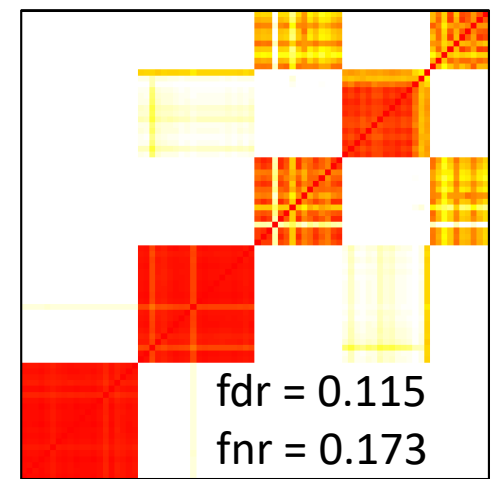fdr = 0.200
fnr = 0.042

K = 7 , 3.08 mins

fdr = 0.121
fnr = 0.089

K = 10 , 4.34 mins

fdr = 0.137
fnr = 0.129

K = 15 , 6.31 mins

fdr = 0.115
fnr = 0.173
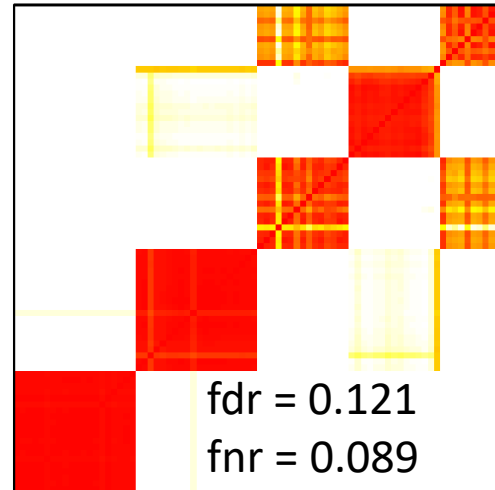
Class − Distance model
K = 5, 3.4 mins

fdr = 0.079
fnr = 0.063

K = 7 , 4.31 mins

fdr = 0.070
fnr = 0.134

K = 10 , 5.6 mins

fdr = 0.063
fnr = 0.248
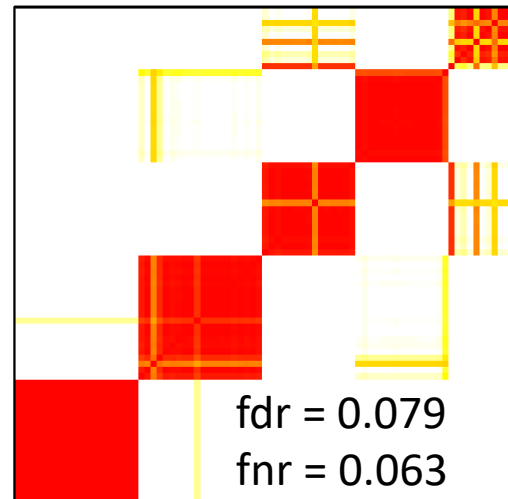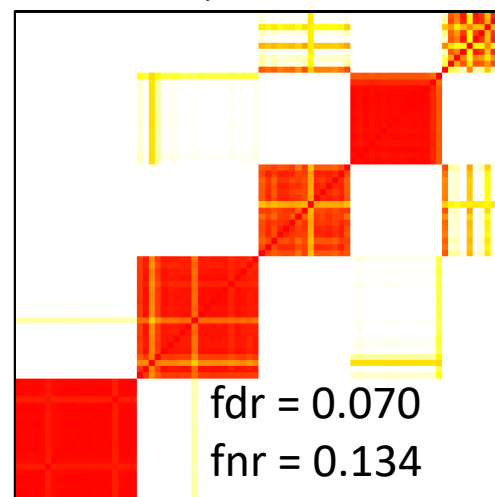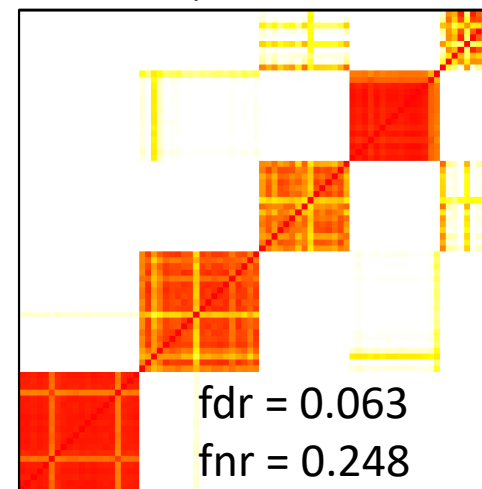
Even for 100k iterations, burning
90k fdr and fnr are the same

K = 15 , 8.04 mins

fdr = 0.065
fnr = 0.468