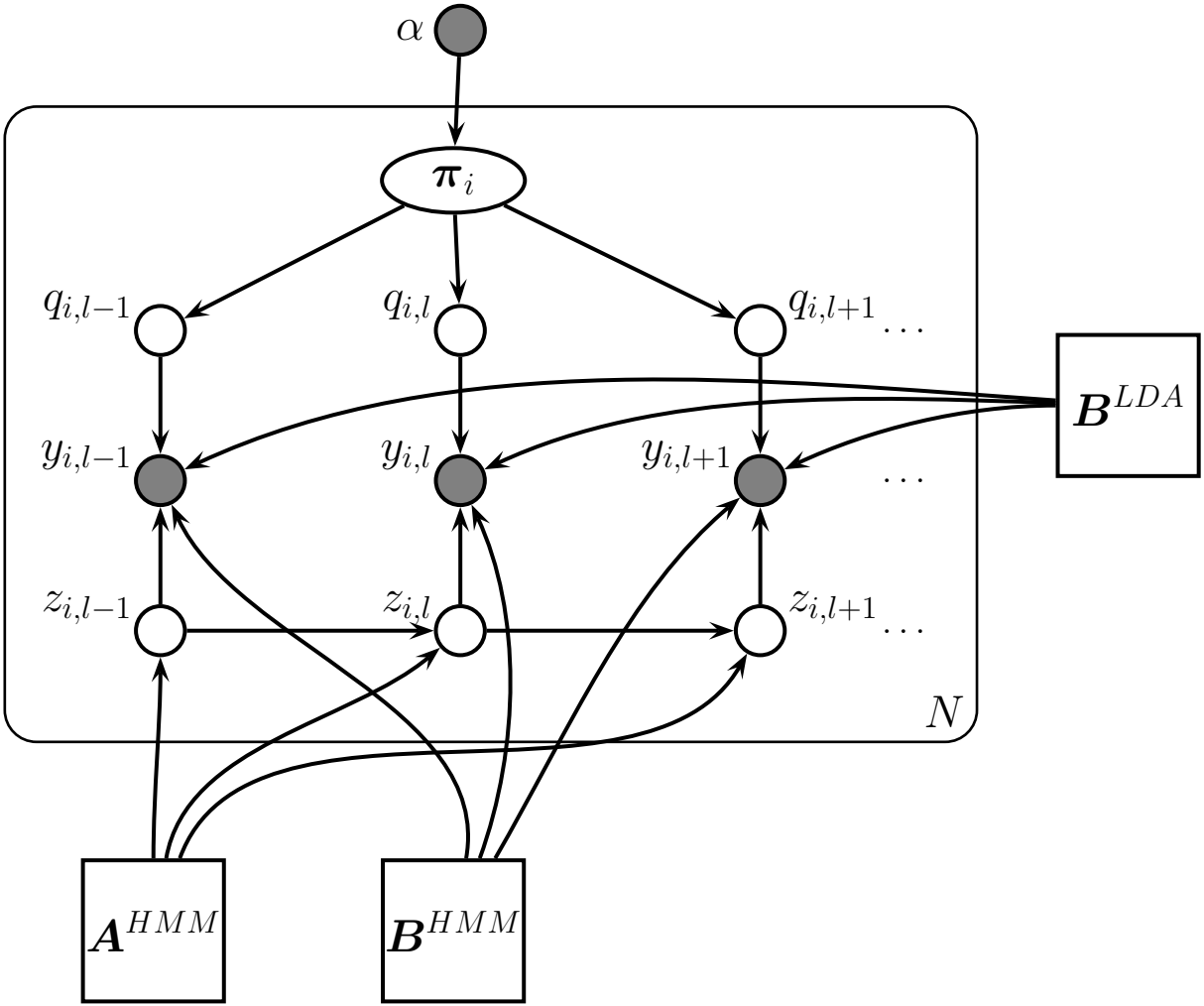
α
$\boldsymbol{\pi}_i$
$q_{i,l-1}$
$q_{i,l}$
$q_{i,l+1}$
$\ldots$
$\boldsymbol{B}^{LDA}$
$y_{i,l-1}$
$y_{i,l}$
$y_{i,l+1}$
$\ldots$
$z_{i,l-1}$
$z_{i,l}$
$z_{i,l+1}$
$\ldots$
N
$\boldsymbol{A}^{HMM}$
$\boldsymbol{B}^{HMM}$