$$p(\boldsymbol{u}, \boldsymbol{\omega}, \boldsymbol{n}, \boldsymbol{\lambda} | \boldsymbol{y}) pprox \prod_{c=1}^{C} q(\boldsymbol{u_c}) \prod_{i=1}^{N} q(\lambda^i) q(n_c^i) q(\omega_c^i)$$