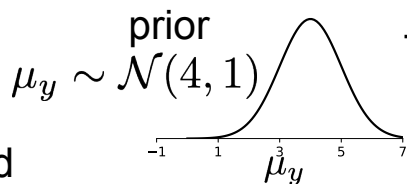


A

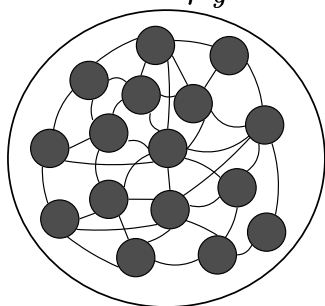
# approximative Bayesian inference



likelihood  
 $y \sim \mathcal{N}(\mu_y, 1)$

$y = 2$

$z = \begin{bmatrix} g \\ M_m \\ M_n \end{bmatrix}$

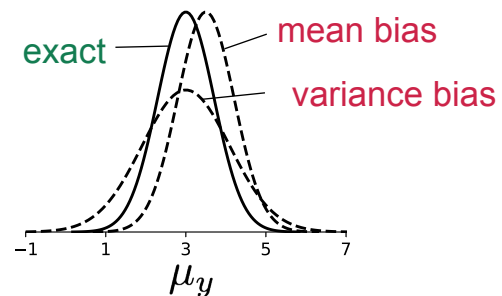


rank-1 RNN

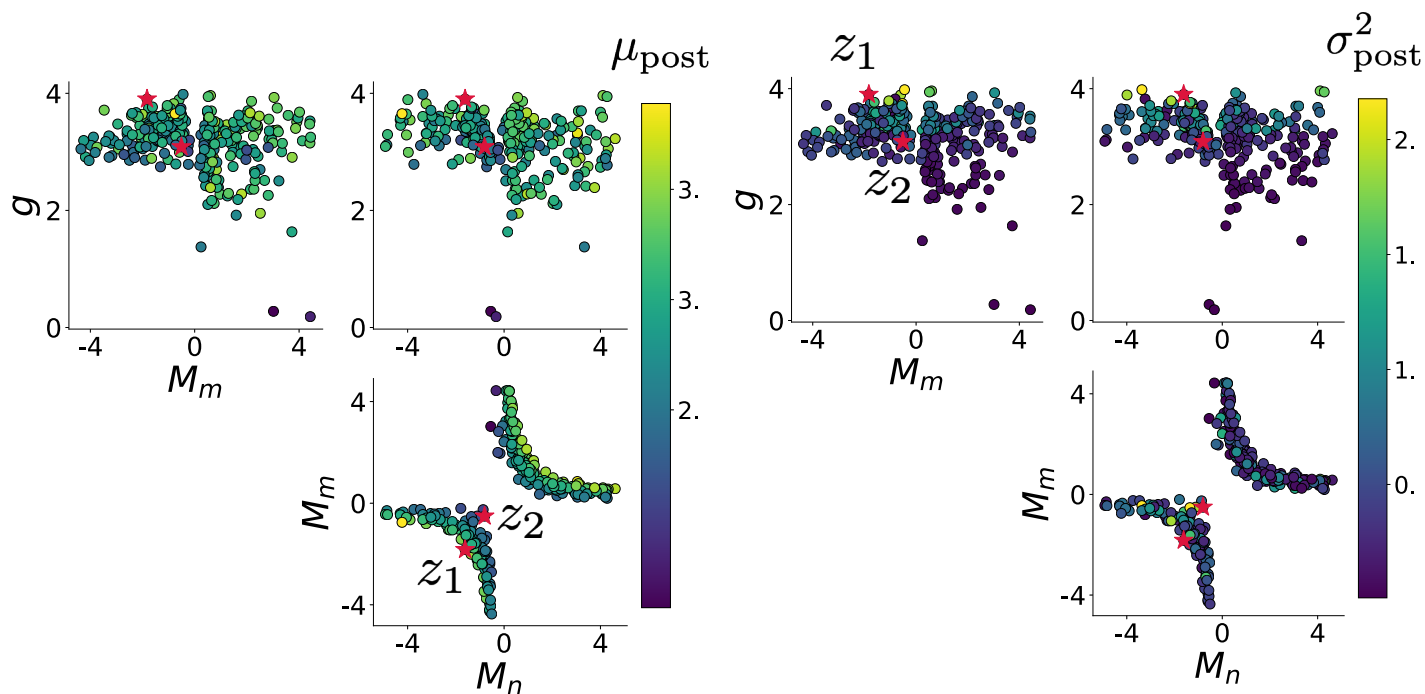
$\mu$  — mean activation  
 $\Delta_T$  — temporal variance

approximate posterior

$p(\mu_y | y) = \mathcal{N}(\mu_{\text{post}} = \mu, \sigma_{\text{post}}^2 = \Delta_T)$



B



C

