Model: Rank-1 RNN

$$m_i \sim \mathcal{N}(M_m, \Sigma_m)$$
 $n_i \sim \mathcal{N}(M_n, \Sigma_n)$ $I = \frac{\Sigma_{nI}}{\Sigma_n} n$

DSN:

Behavior: Noisy detection

$$f_{ND}(z) = \kappa(z \mid \Sigma_{nI} = 0.75) - \kappa(z \mid \Sigma_{nI} = 0.25)$$

$$E[f_{ND}(z)] = 1.0 \quad Var(f_{ND}(z)) = 0.01$$

