

Model: Spontaneous rank-1 RNN

$$m_i \sim \mathcal{N}(M_m, \Sigma_m) \quad n_i \sim \mathcal{N}(M_n, \Sigma_n)$$

Behavior: Structured chaos

$$E \begin{bmatrix} \mu \\ \Delta_\infty \\ \Delta_T \end{bmatrix} = \begin{bmatrix} 0.5 \\ 0.5 \\ 0.5 \end{bmatrix} \quad Var \left(\begin{bmatrix} \mu \\ \Delta_\infty \\ \Delta_T \end{bmatrix} \right) = \begin{bmatrix} 0.01 \\ 0.01 \\ 0.01 \end{bmatrix}$$

DSN:

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

