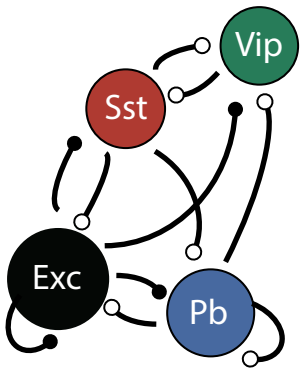
A

Model:



$$r = \begin{bmatrix} r_E \\ r_P \\ r_S \\ r_V \end{bmatrix} \qquad \tau \frac{dr}{dt} = -r + [Wr + h]_+^n$$

$$W = \begin{bmatrix} W_{EE} & W_{EP} & W_{ES} & 0 \\ W_{*E} & W_{PP} & W_{PS} & 0 \\ W_{*E} & 0 & 0 & W_{SV} \\ W_{*E} & W_{VP} & W_{VS} & 0 \end{bmatrix}$$

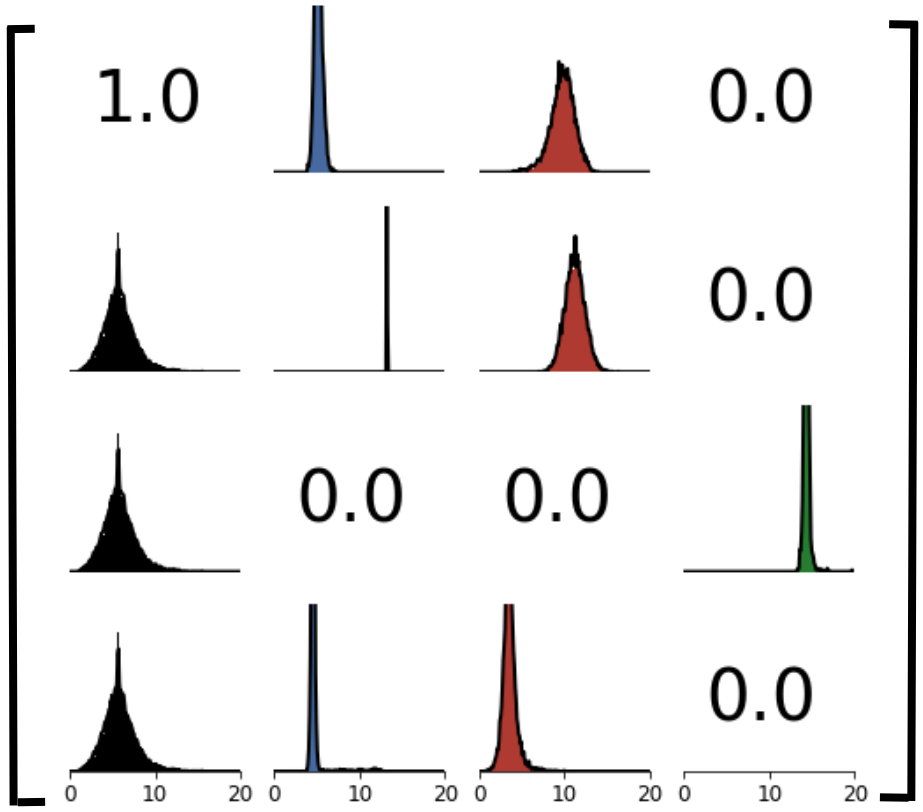
B

Behavior:
pop-silenced ISN criticality

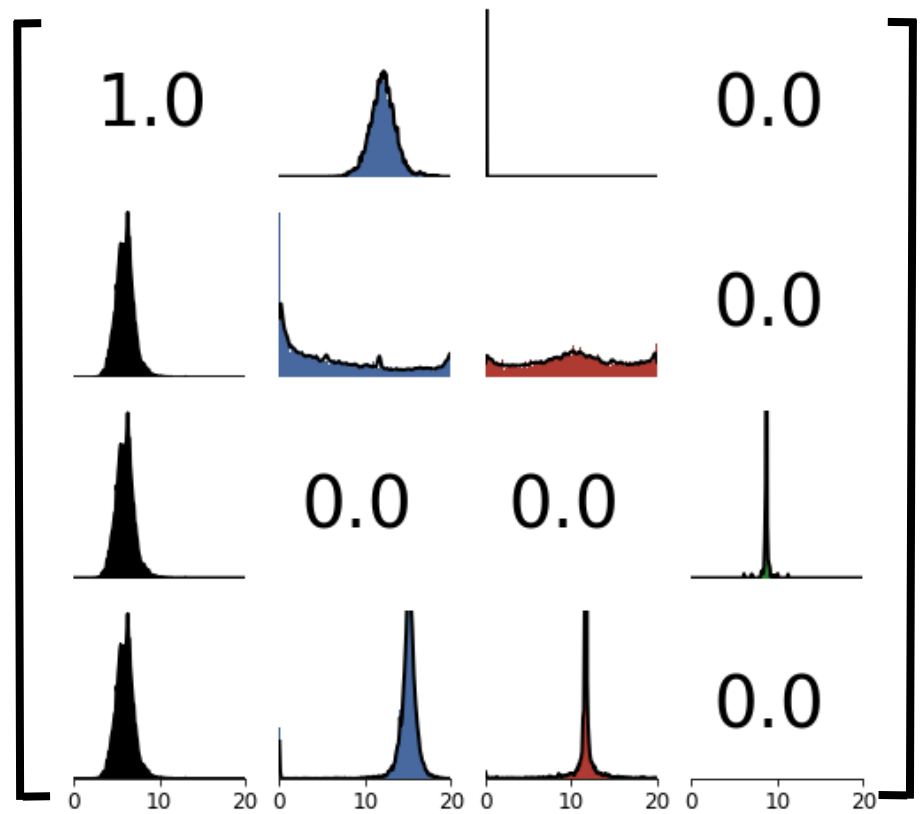
$$\mathcal{B}_{\alpha=0} = E \begin{bmatrix} \gamma(W) \\ \gamma(W)^2 \\ r_\alpha(W) \end{bmatrix} = \begin{bmatrix} 0 \\ 0.25^2 \\ 0 \end{bmatrix}$$

C

$q(W \mid \mathcal{B}_{S=0})$

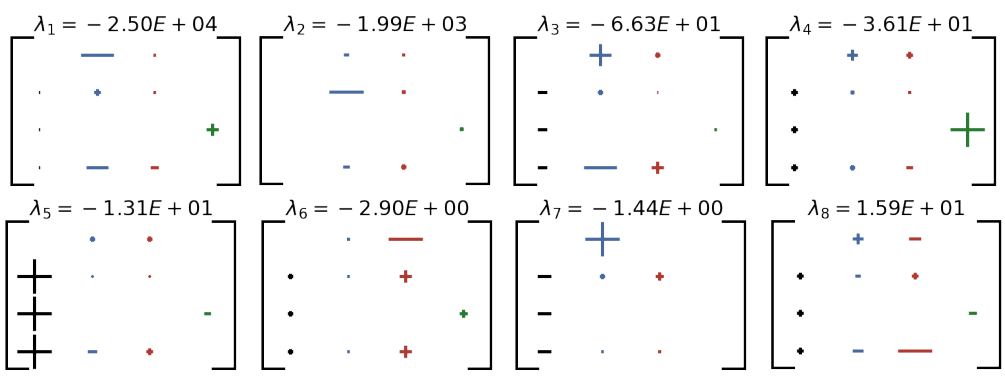


$q(W \mid \mathcal{B}_{V=0})$

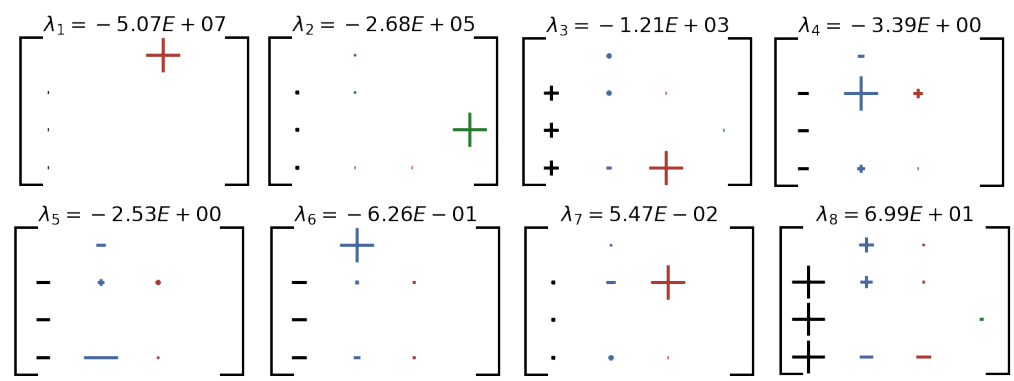


D

S = 0

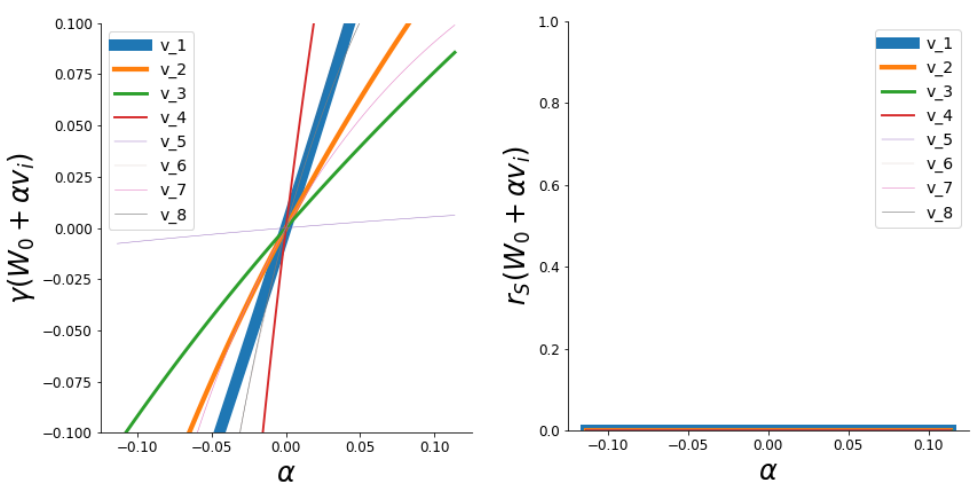


V = 0



E

S = 0



V = 0