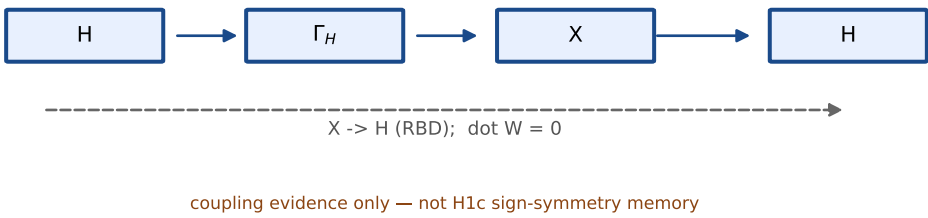


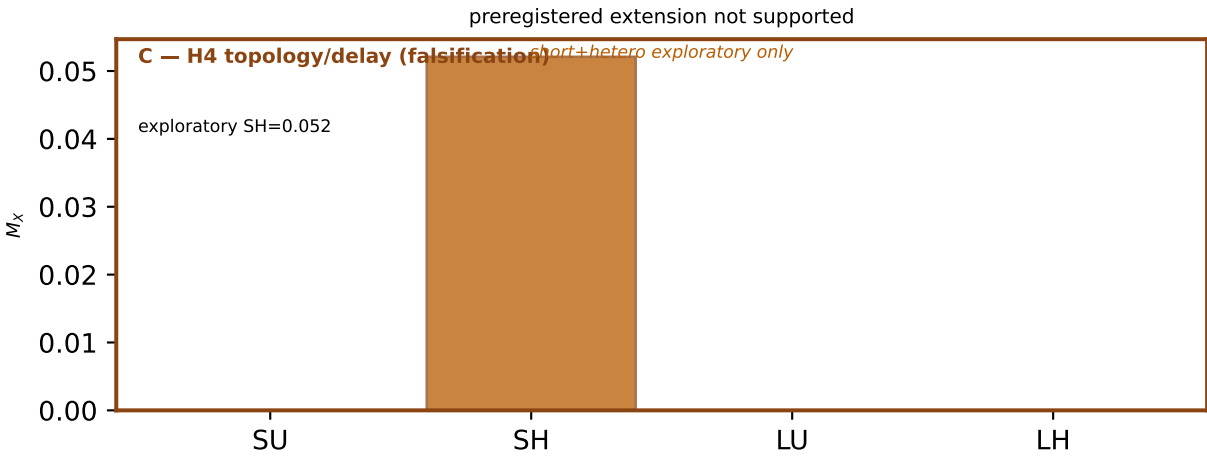
Figure 6 — RBS / RBD / HDP evidence ladder

RBS → RBD → memory → write → express → closed-loop?

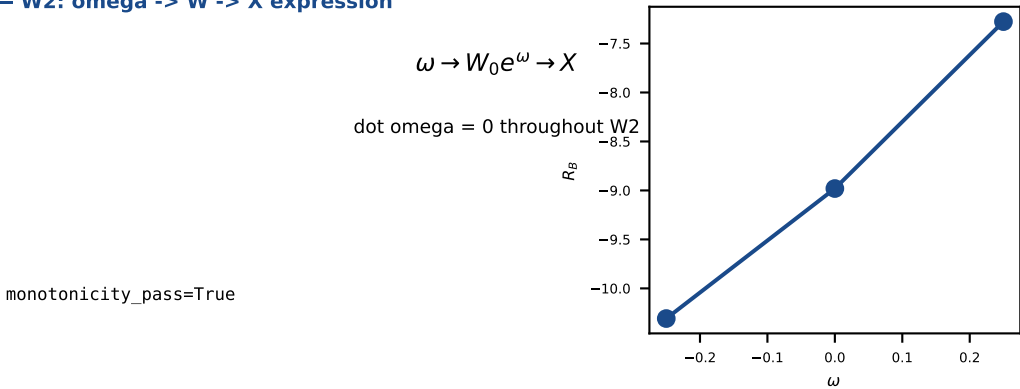
A — RBS/RBD primitive (dot W=0)



C — H4 topology/delay (falsification)



E — W2: omega -> W -> X expression



G — Biological RBS D0-D3

$H_K \rightarrow b_{\text{eff}} = H_K b \rightarrow X$ [demonstrated]

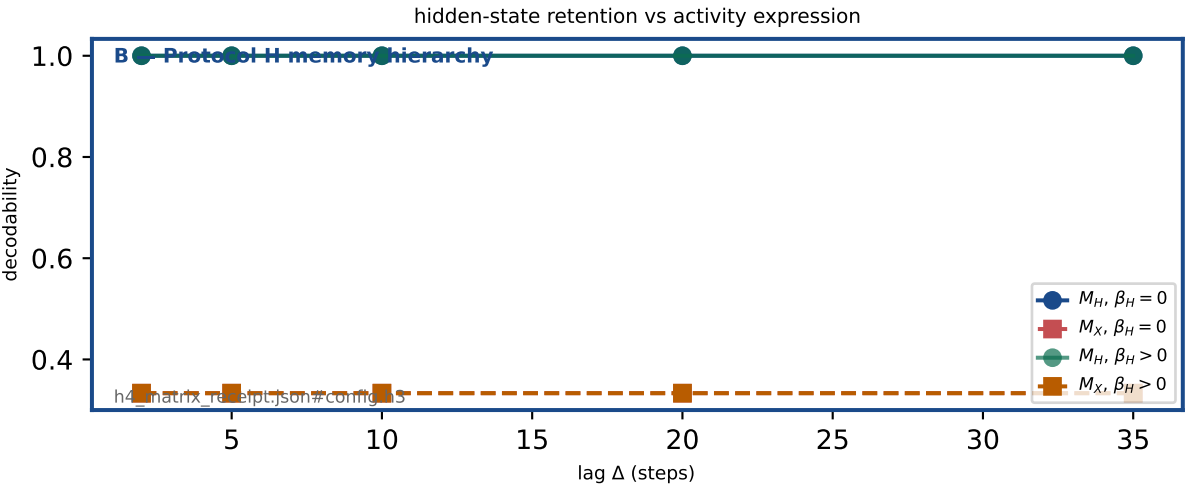
$S \rightarrow H_A \rightarrow H_K$ [state level demonstrated]

adaptation phenotype: not_supported

NO_ADAPTATION=9, ADAPTATION=0, UNRESOLVED=0

$R_j^D = R_j^{N2}$ (formal NO_ADAPTATION)

containment demonstrated; attributed adaptation phenotype not supported



D — W1: H -> omega writing

$$H_{\text{pre}} - H_{\text{post}} \rightarrow \omega$$

$$\tau_W \dot{\omega} = \kappa_W \Delta H - \lambda_W \omega$$

$$D_{ij} = \kappa_W * (H_{\text{pre}} - H_{\text{post}})$$

write path — not closed-loop HDP

F — W3/W3b closed-loop stability

