



**Fig. S3:** (A, B) MAE ratios  $R_S$  and  $R_D$  for different solvers (column titles) and step-sizes  $\Delta t$  / tolerances  $\kappa$  (panel titles) for the step (grey) and the noisy step (black) stimulus as a function of the perturbation parameter  $\sigma$  (x-axis), respectively. See also Fig. 6D.