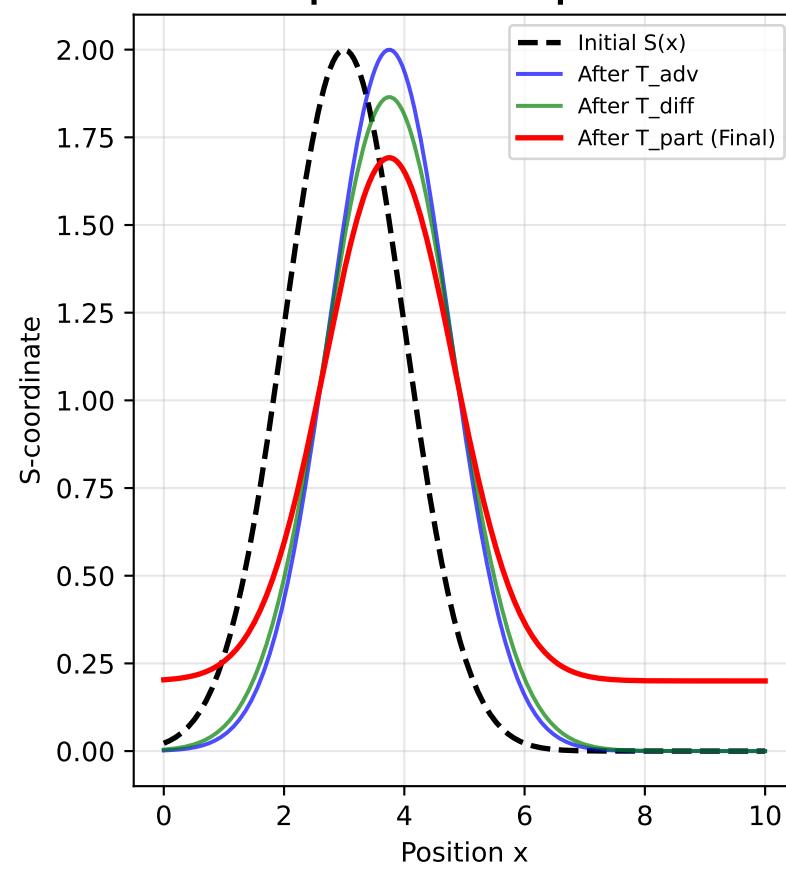
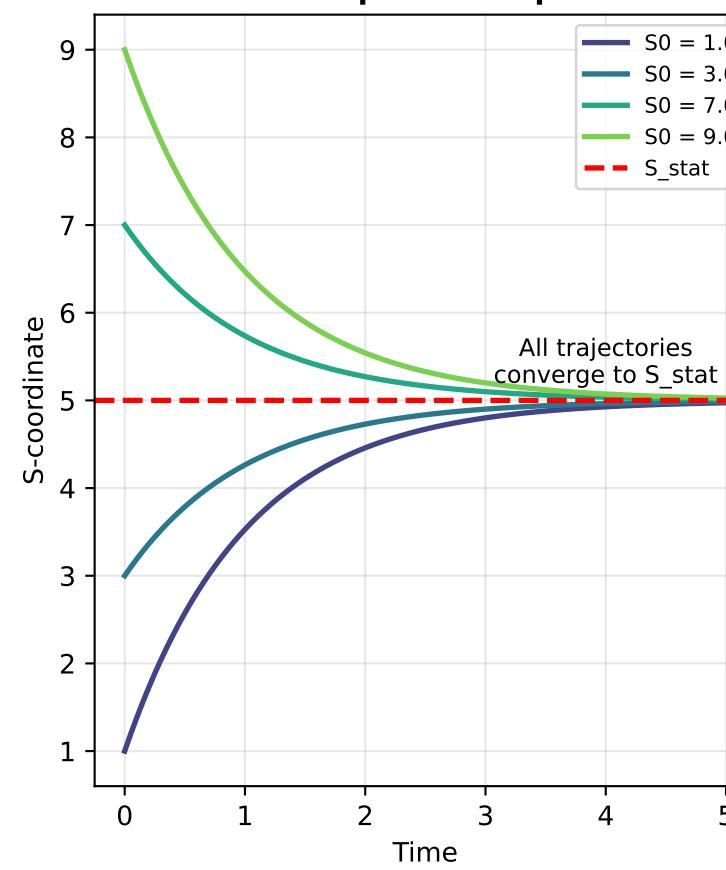


## Section 4: The S-Transformation Operator - Experimental Validation

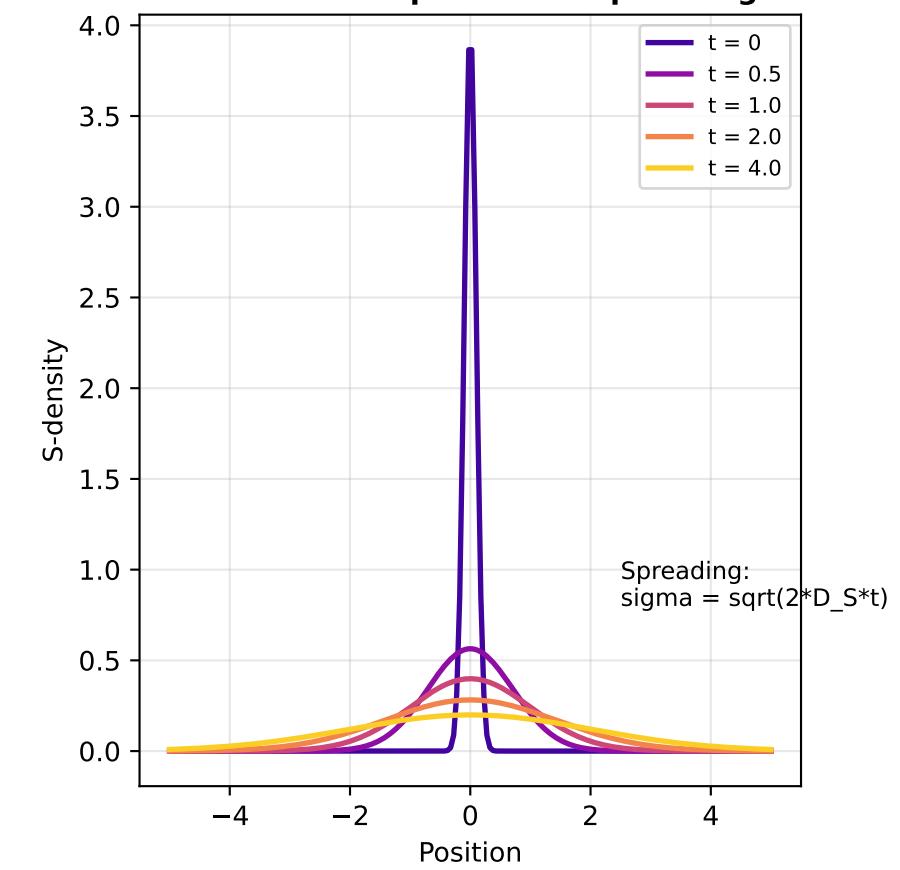
**A. Operator Decomposition**



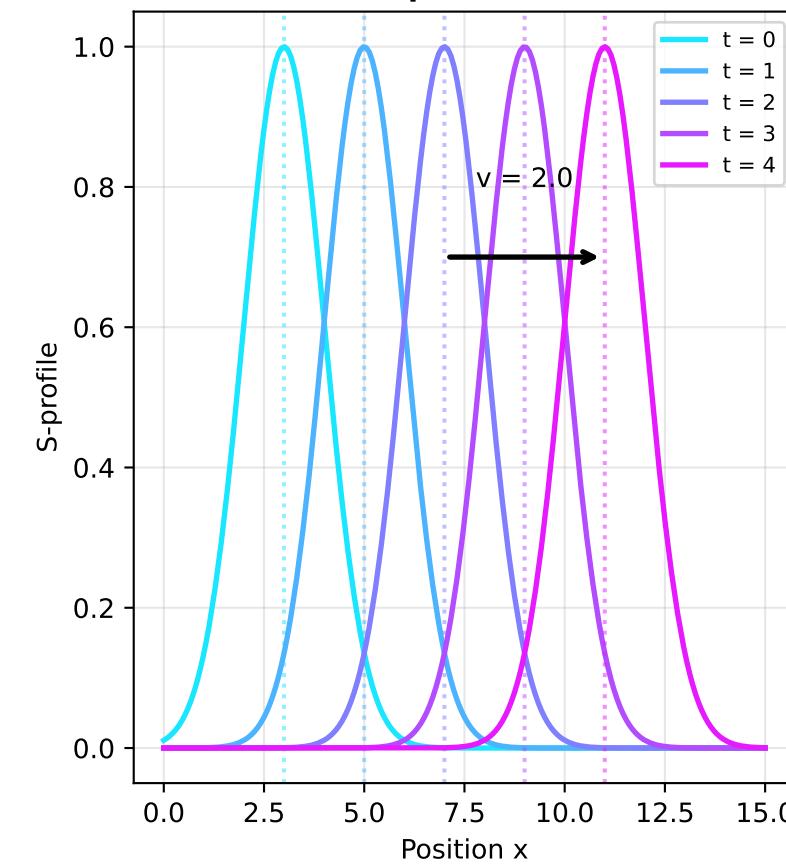
**B. Partition Operator: Equilibration**



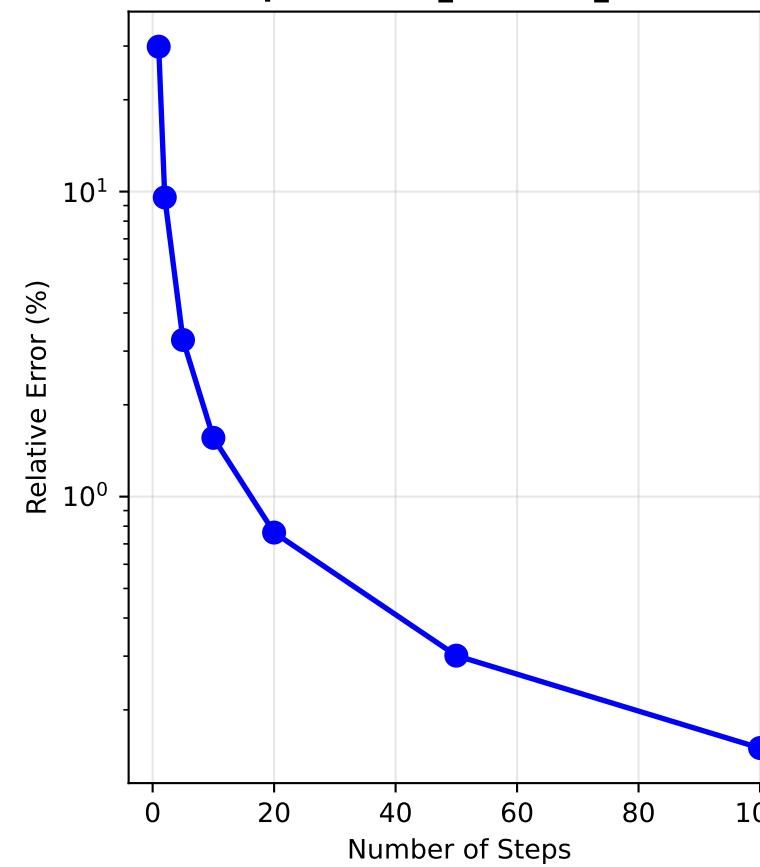
**C. Diffusion Operator: S-Spreading**



**D. Advection Operator: S-Translation**



**E. Composition:  $T_{0 \rightarrow x} = T_{dx}^{\wedge}(x/dx)$**



**F. Partition Coefficient K(S-distance)**

