Information Accumulation Rate Tracks Relaxation Rate

Legend:
- Relaxation rate $\dot{R}(t)$
- Observed info accumulation (samples)
- Smoothed info rate

X-axis: Substrate coordinate s
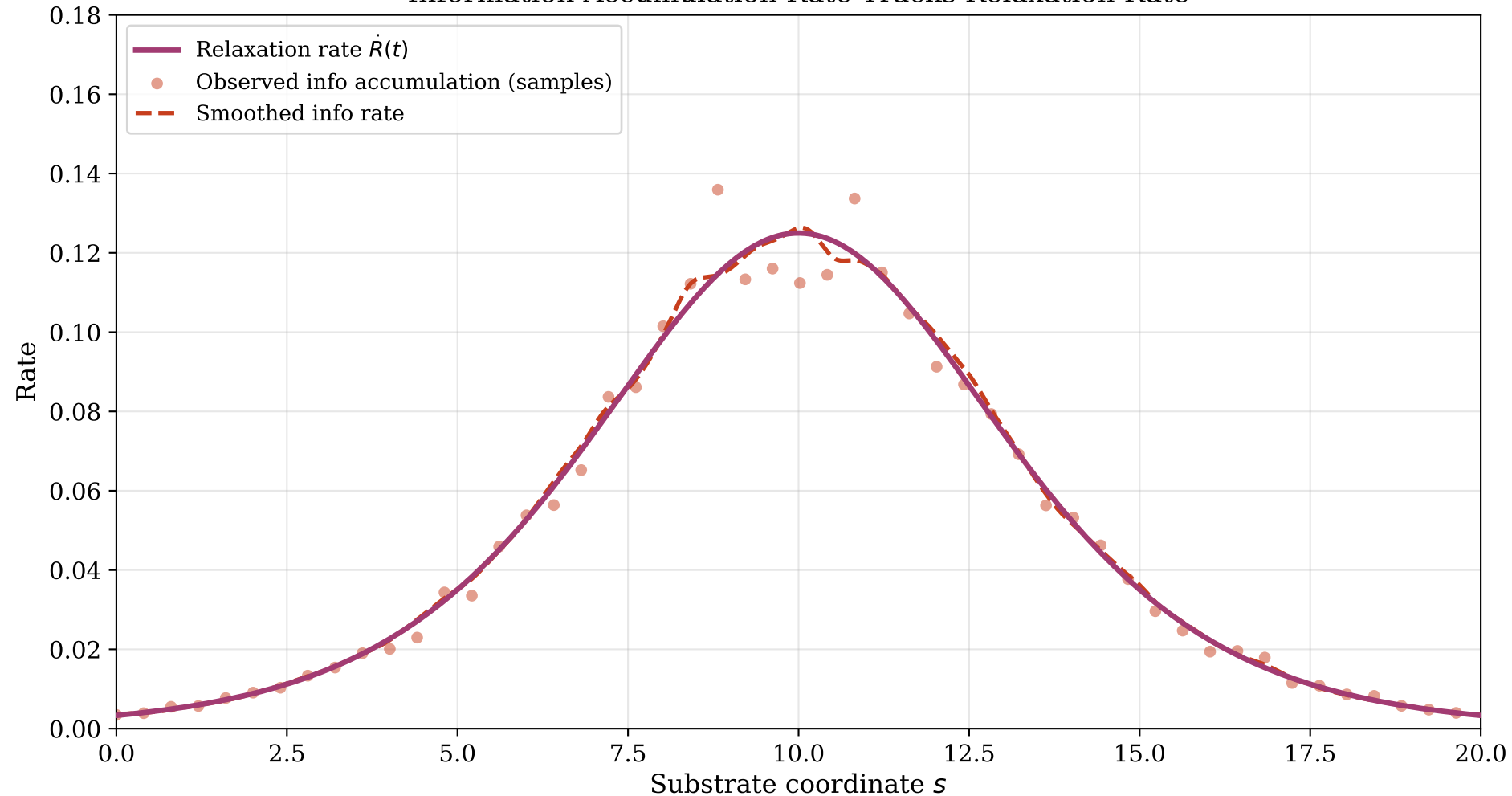Y-axis: Rate

Observers accumulate information at rates bounded by local relaxation dynamics.