Sequential weak measurements $g = 0.25\sigma$

Evolution of particles

Probability

$P_+(t) = |c_+(t)|^2$

Time steps Δt

Position measurement x

Time steps Δt
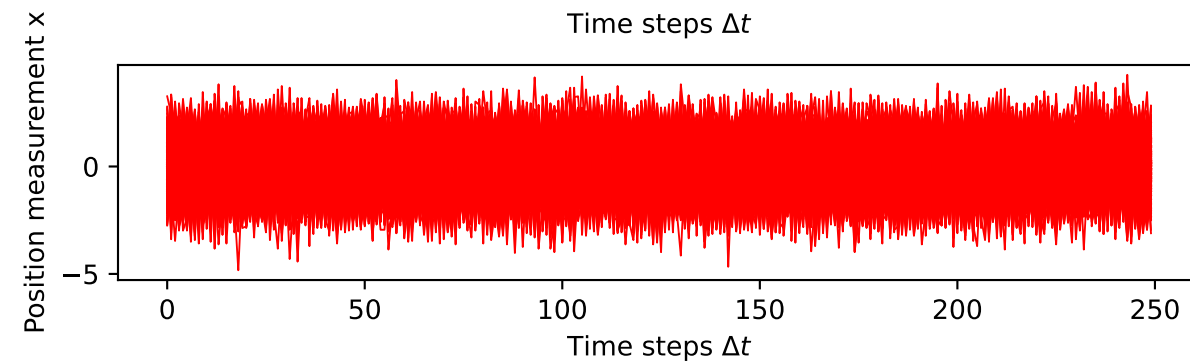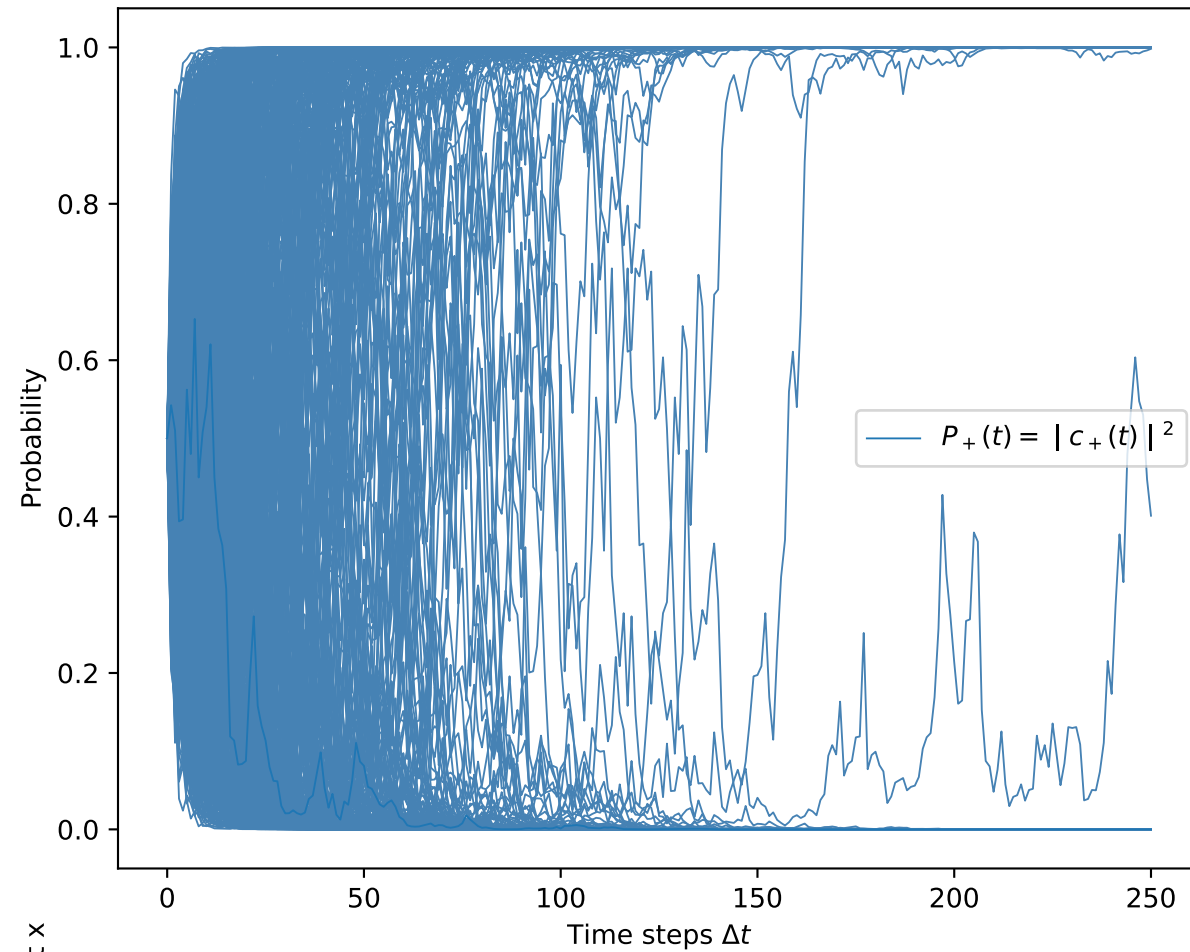
Mean evolution of 500 particles

$\langle P_+(t) \rangle$
$\langle P_-(t) \rangle$
Fit $\langle P_+(t) \rangle$, tc=0.54,Pss=0.502

Probability

Time steps Δt

Position output

Number of measurements