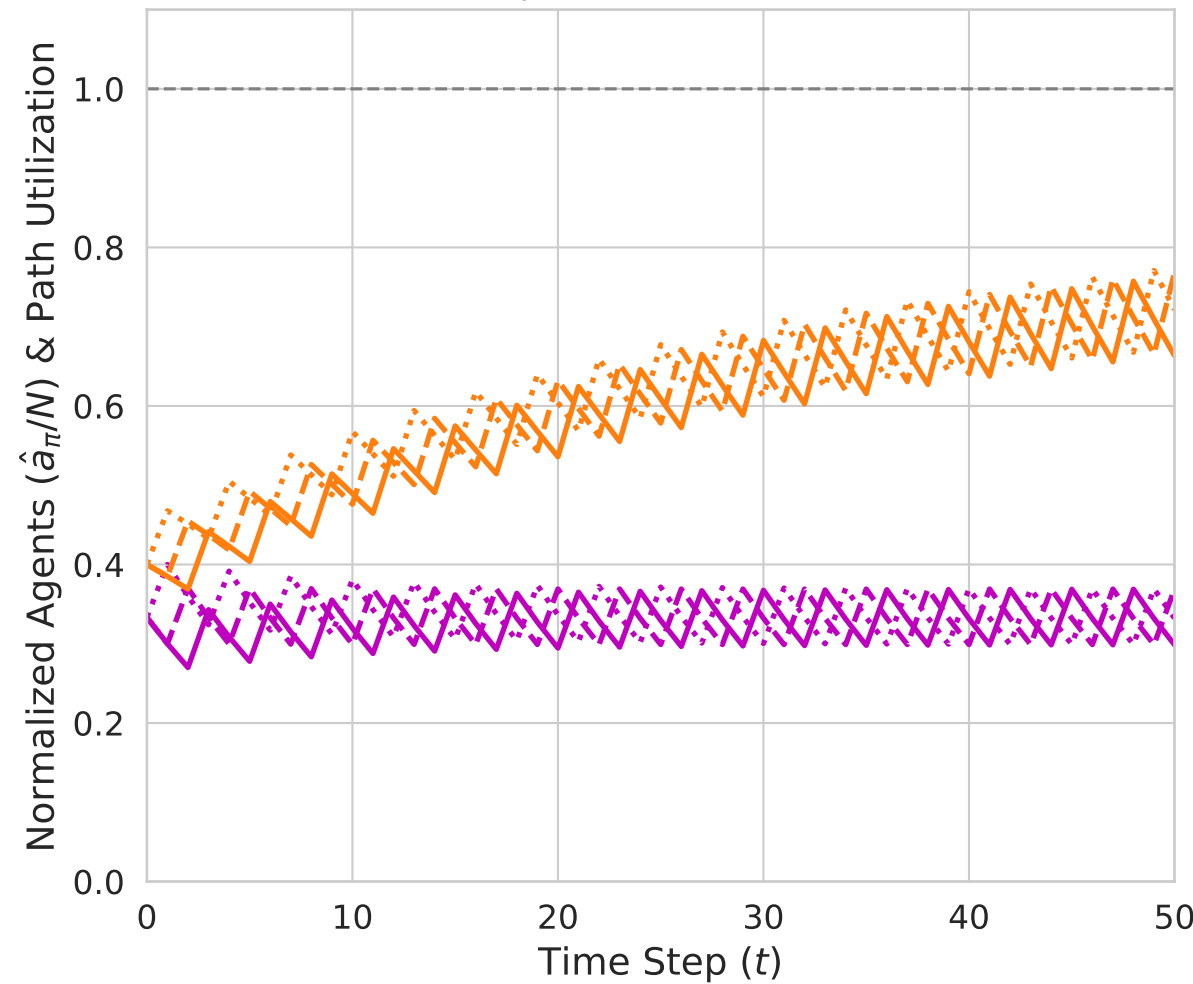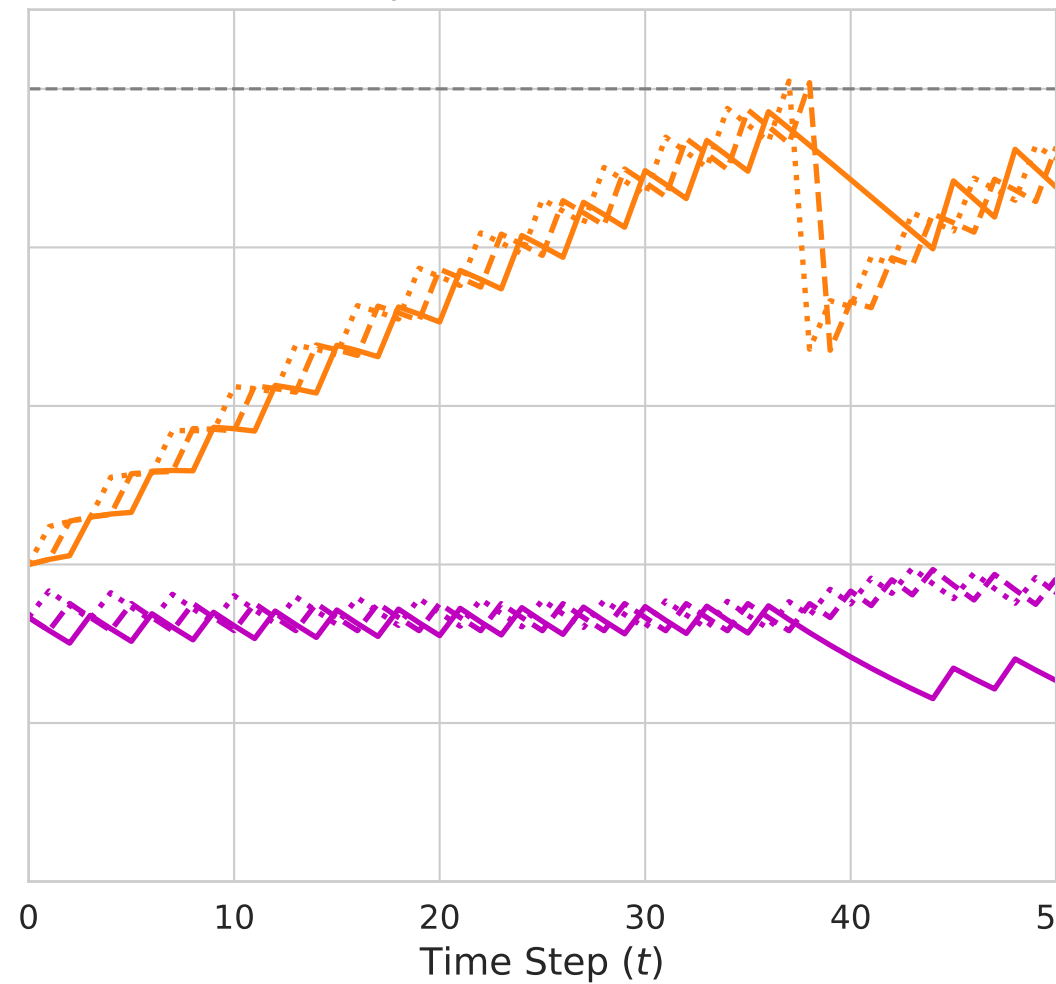(a) Lossless Regime
$(\rho = 0.1, \sigma = 0.5)$

(b) Lossy Regime
$(\rho = 0.05, \sigma = 0.5)$

(c) High-Loss Regime
$(\rho = 0.1, \sigma = 1.0)$

Normalized Agents ($\hat{a}_\pi/N$) & Path Utilization

Time Step (t)

Legend:
- $\hat{a}_0(t)/N$ (dotted, magenta)
- $\hat{a}_1(t)/N$ (dashed, magenta)
- $\hat{a}_2(t)/N$ (solid, magenta)
- $\hat{L}_0(t)/C_\pi$ (dotted, orange)
- $\hat{L}_1(t)/C_\pi$ (dashed, orange)
- $\hat{L}_2(t)/C_\pi$ (solid, orange)