

The figure is a line plot with the x-axis labeled 't' ranging from 0 to 1600 and the y-axis labeled 'S' ranging from -0.2 to 1.0. There are approximately 10 data series, each represented by a different colored line (purple, dark red, red, orange, yellow, light green, green, cyan, blue, and dark blue). All series start at S = 1.0 when t = 0. The curves show a rapid initial decay followed by a slower approach to a steady-state value. The steady-state value of S increases with the system size N. A smooth green curve, representing the theoretical prediction $S = 1/(1+t)$, is also plotted and serves as a reference for the early-time behavior of the data.

