Predict how will increase in $N$ (open window size) impact to the link utilization ($U$) where a packet error rate is $P$ ($1.0 > P > 0.0$, $P$ is a fraction between 0.0 and 1.0, but larger than 0.0 and less than 1.0) by guessing how the utilization will be impacted when $N$ was increased. Show your plot in the following graph for GBN ARQ. Assume that $P$ is low enough so that we can achieve a high link utilization (e.g., $U = 0.8$).

**Question:** Plot the predicted graph for the link utilization in the following figure when $N$ is increased to a large number.

**Notes:** It is your responsibility to emphasize your idea(s) by plotting the graph. Solutions for this question will be graded based on “how clearly the correct ideas are visualized”. “Nothing wrong” does not necessarily result in the full credit if the correct idea(s) is not emphasized (or clearly visualized) enough.