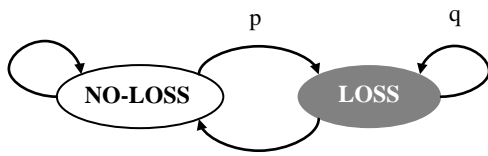
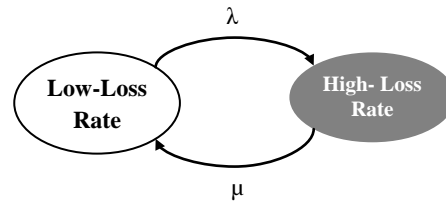


Fig. S1: Modeling of packet loss processes using 2-state Markov model.



(a) Gilbert Model (MMPP)



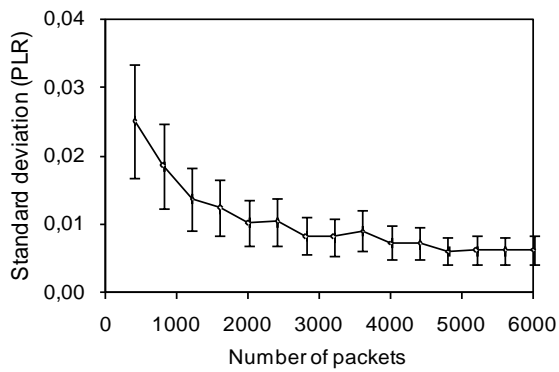
(b) Markov Modulated Poisson Processes

Fig. S2: Deviation of target and measured PLR and MBLS values as function of number of packets.

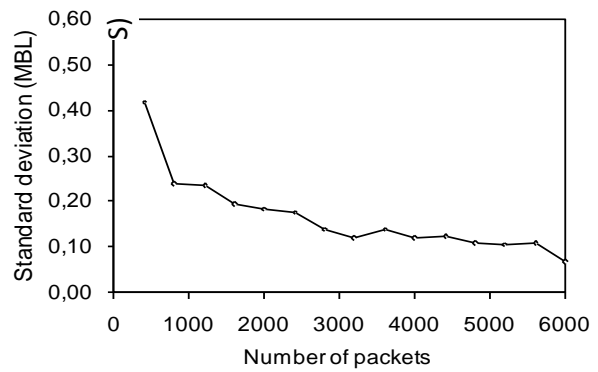
$$p = \frac{\text{PLR}}{\text{MBLS} \times (1 - \text{PLR})}$$

$$q = 1 - \frac{1}{\text{MBLS}}$$

(A.1)



(a)



(b)

Fig. S3: Generated profiles using the MMPP-2 model.

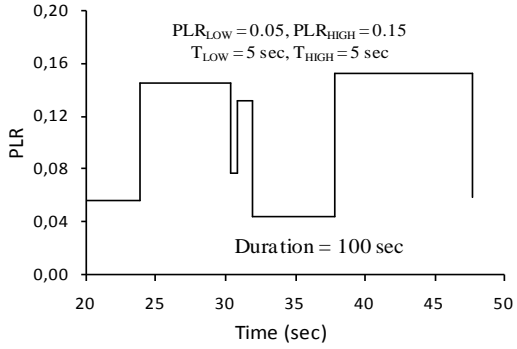
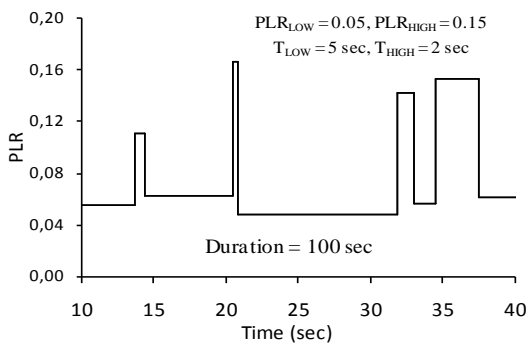
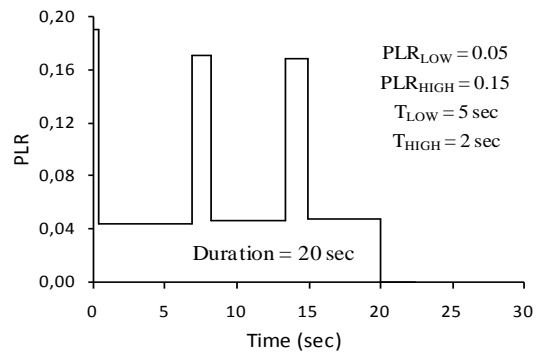
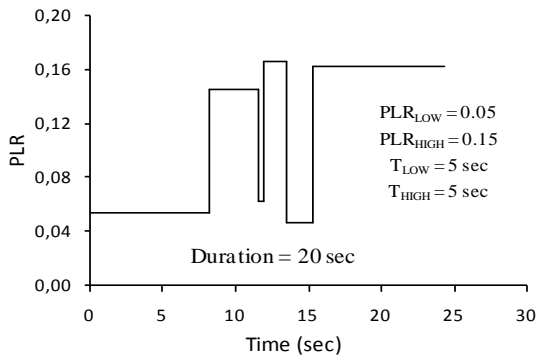


Fig. S4: Modeling of packet loss processes that distinguish between isolated and burst loss periods

[24].

