

Figure 1. The SCS Network.

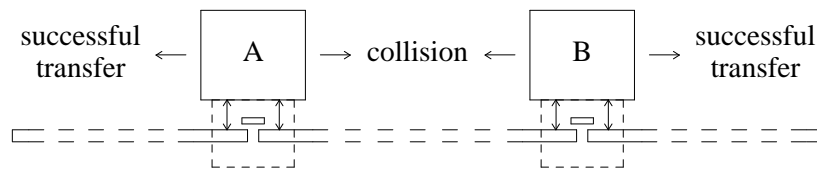


Figure 2. Collisions in the SCS Network.

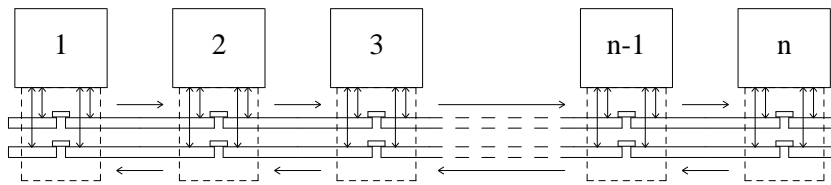


Figure 3. The DCS Network.

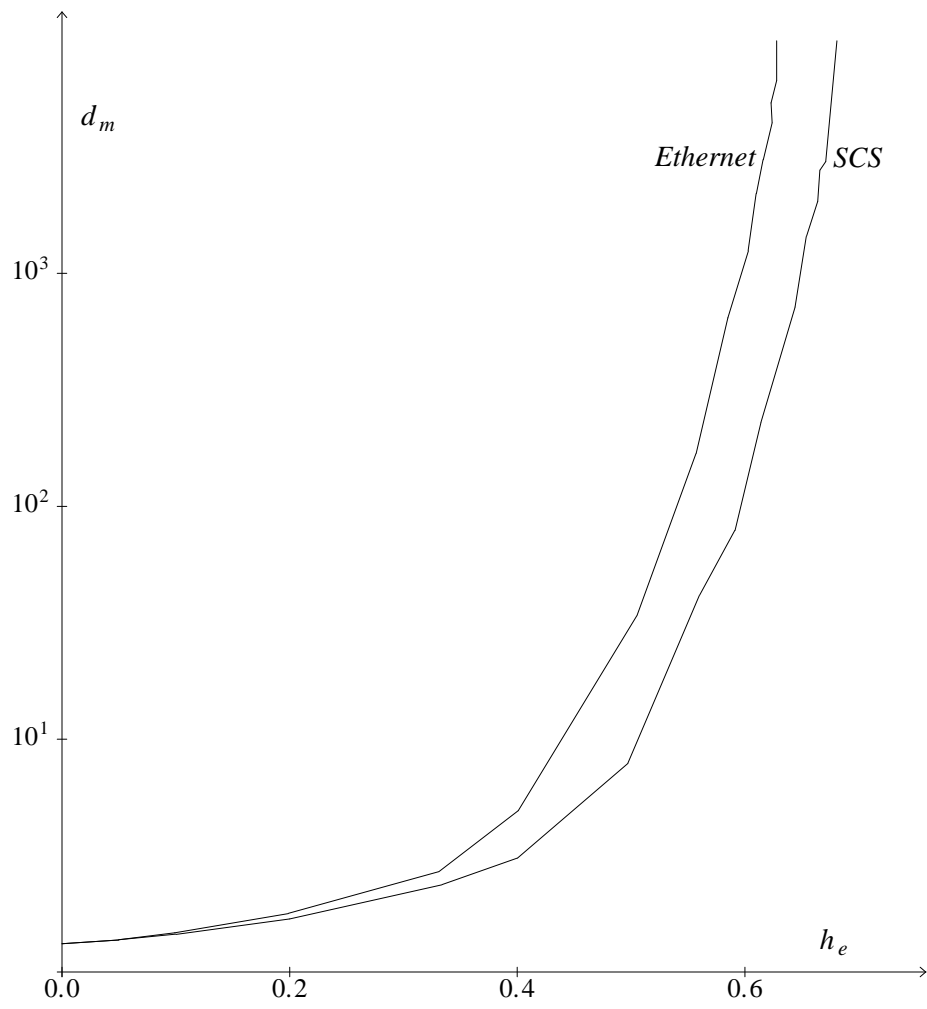


Figure 4. Performance characteristic of SCS.

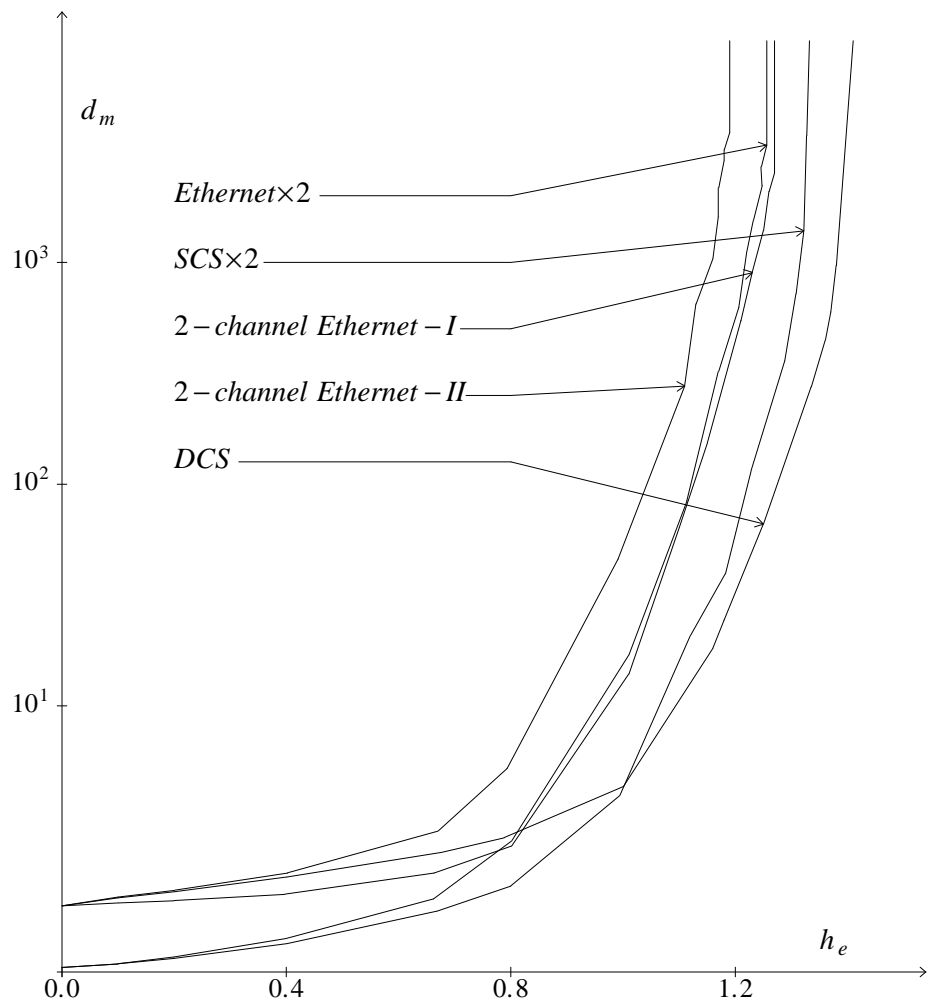


Figure 5. Performance characteristic of DCS.

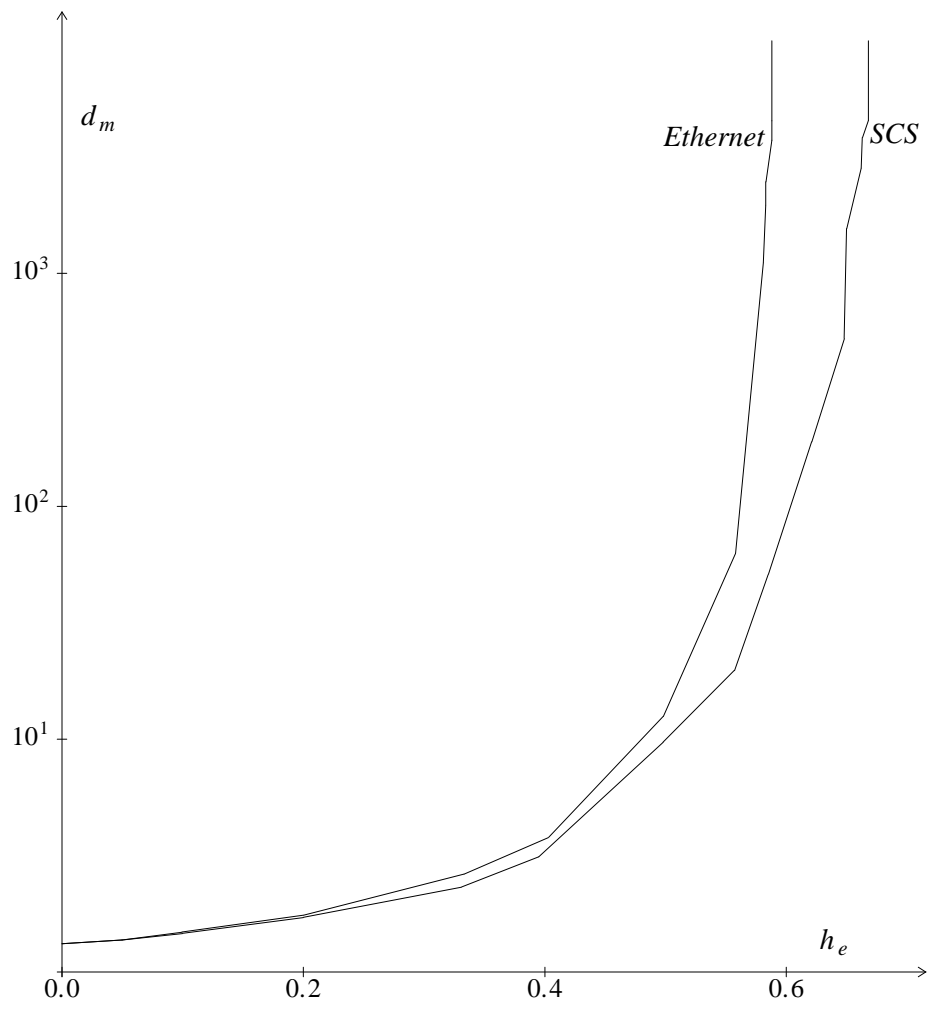


Figure 6. Performance characteristic of SCS (biased traffic).

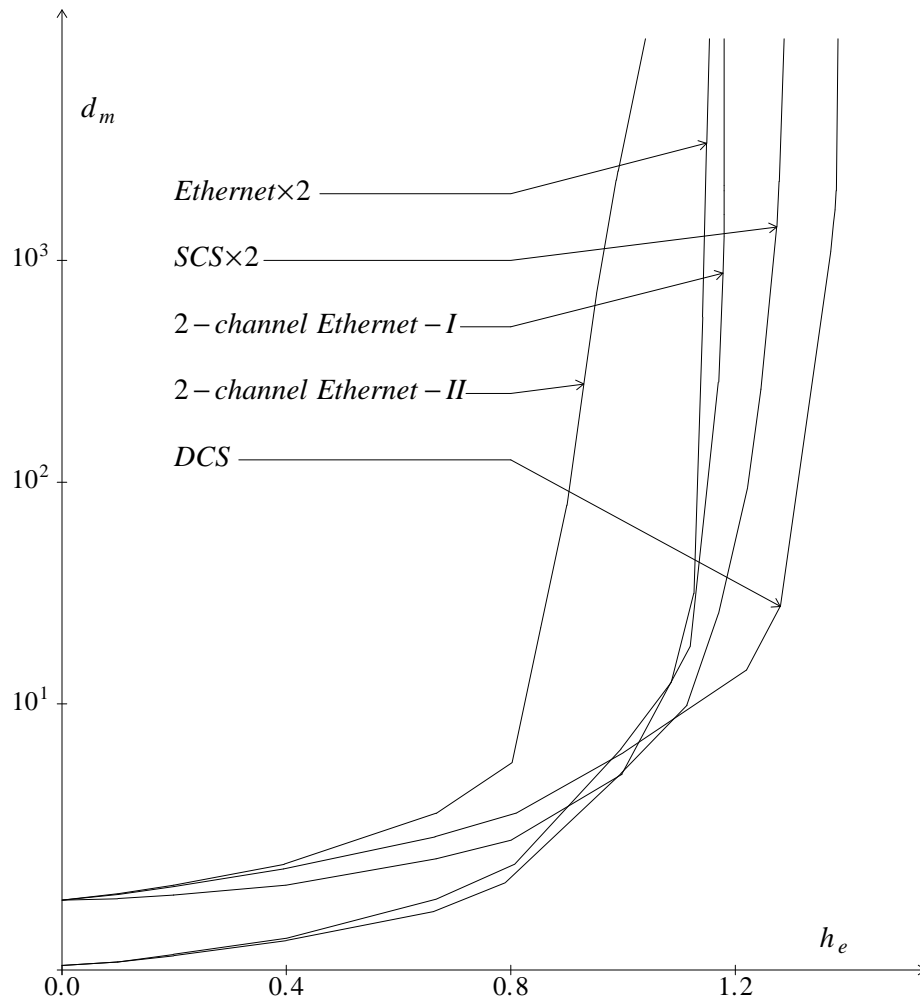


Figure 7. Performance characteristic of DCS (biased traffic).

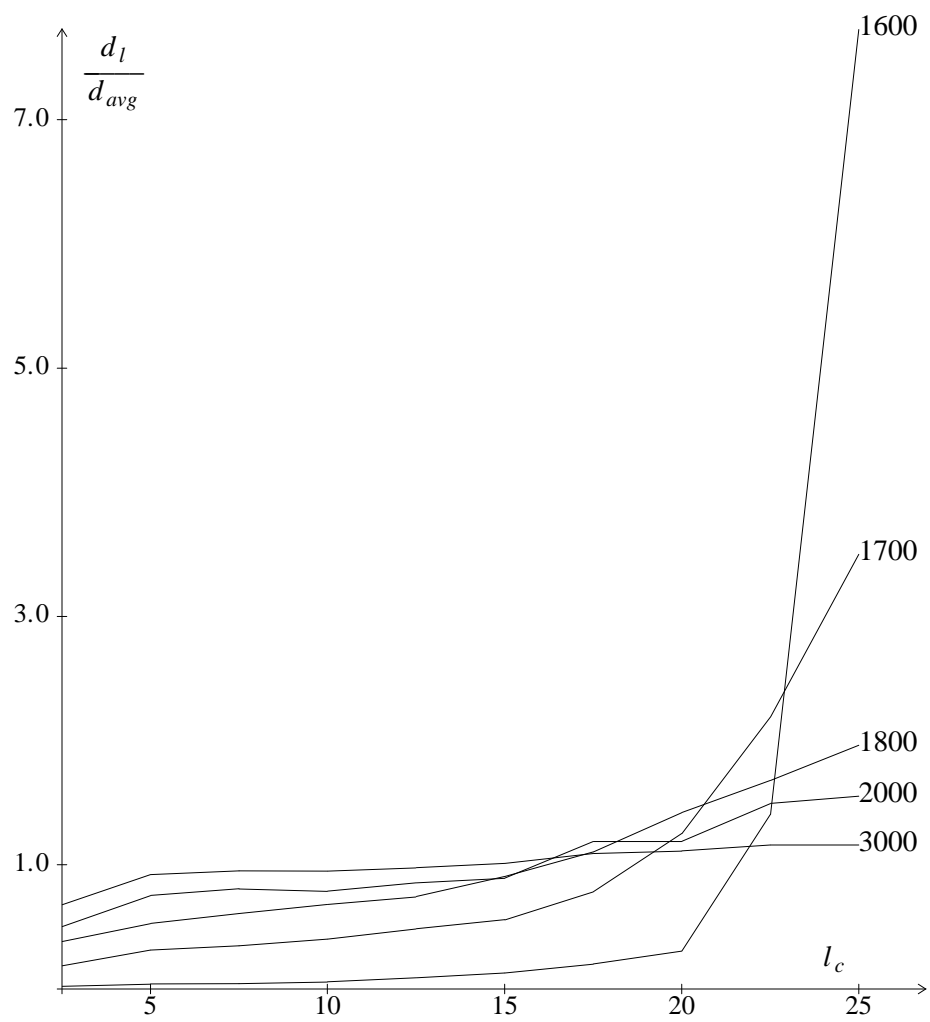


Figure 8. Message delay distribution for the SCS network.

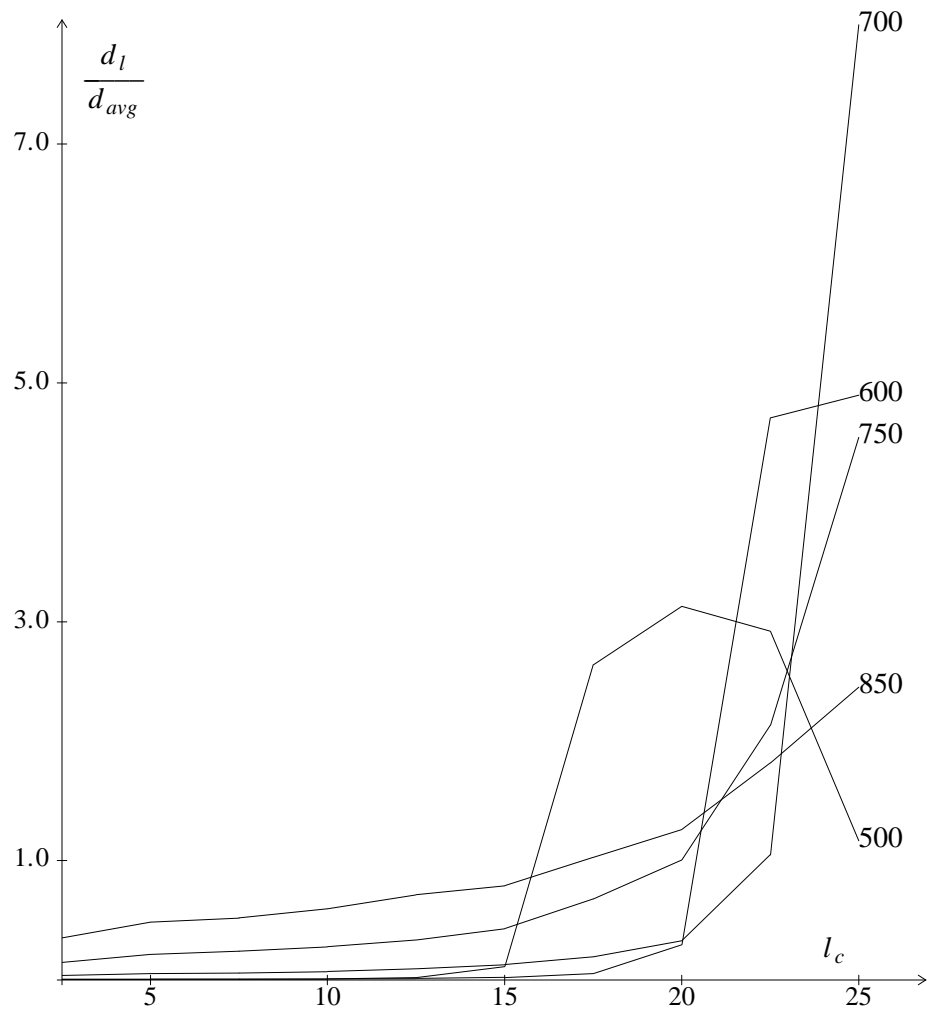


Figure 9. Message delay distribution for the DCS network.

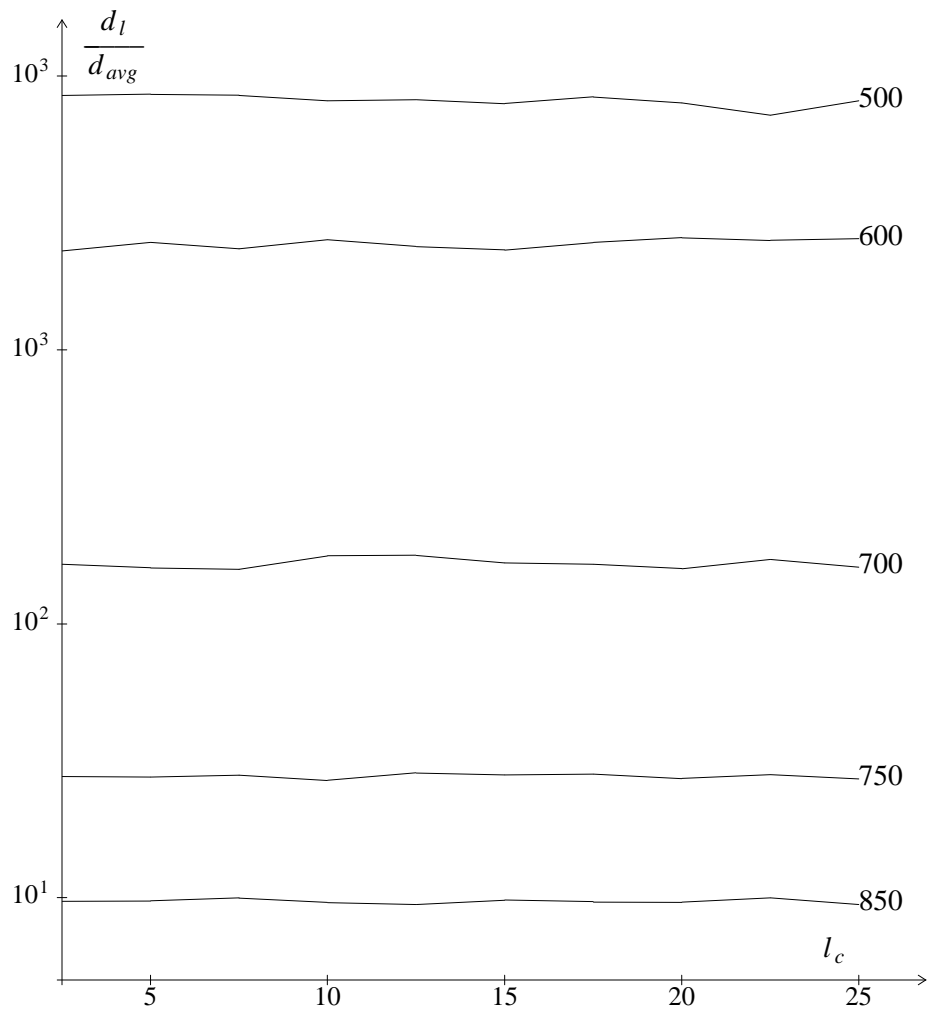


Figure 10. Message delay distribution for the DCS network with packet spacing adjustment.

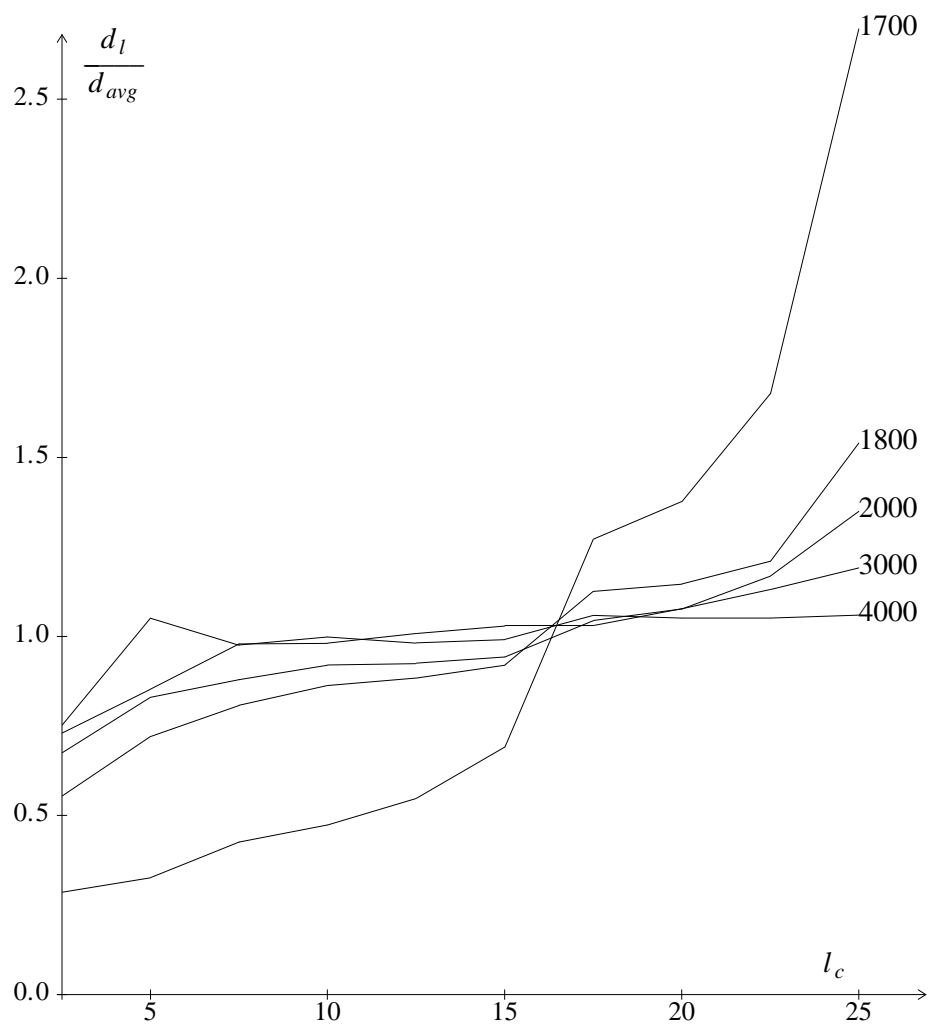


Figure 11. Message delay distribution for Ethernet.

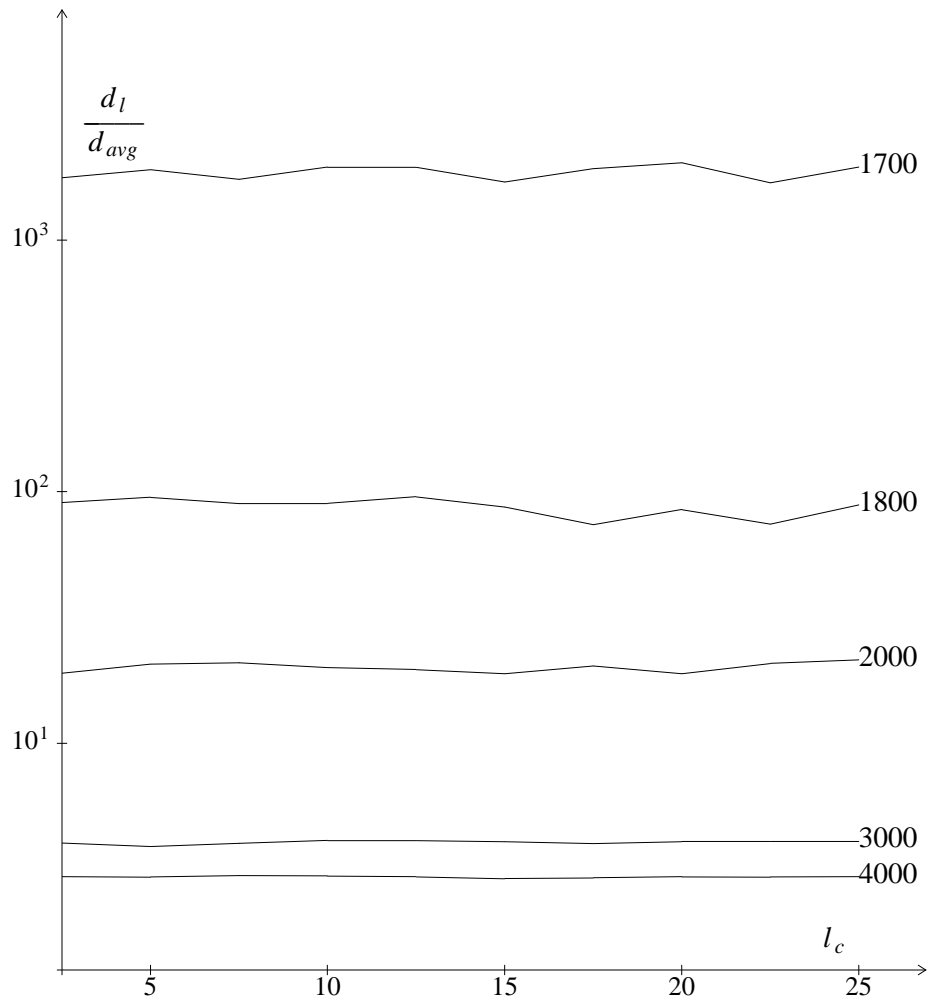


Figure 12. Message delay distribution for Ethernet with packet spacing adjustment.

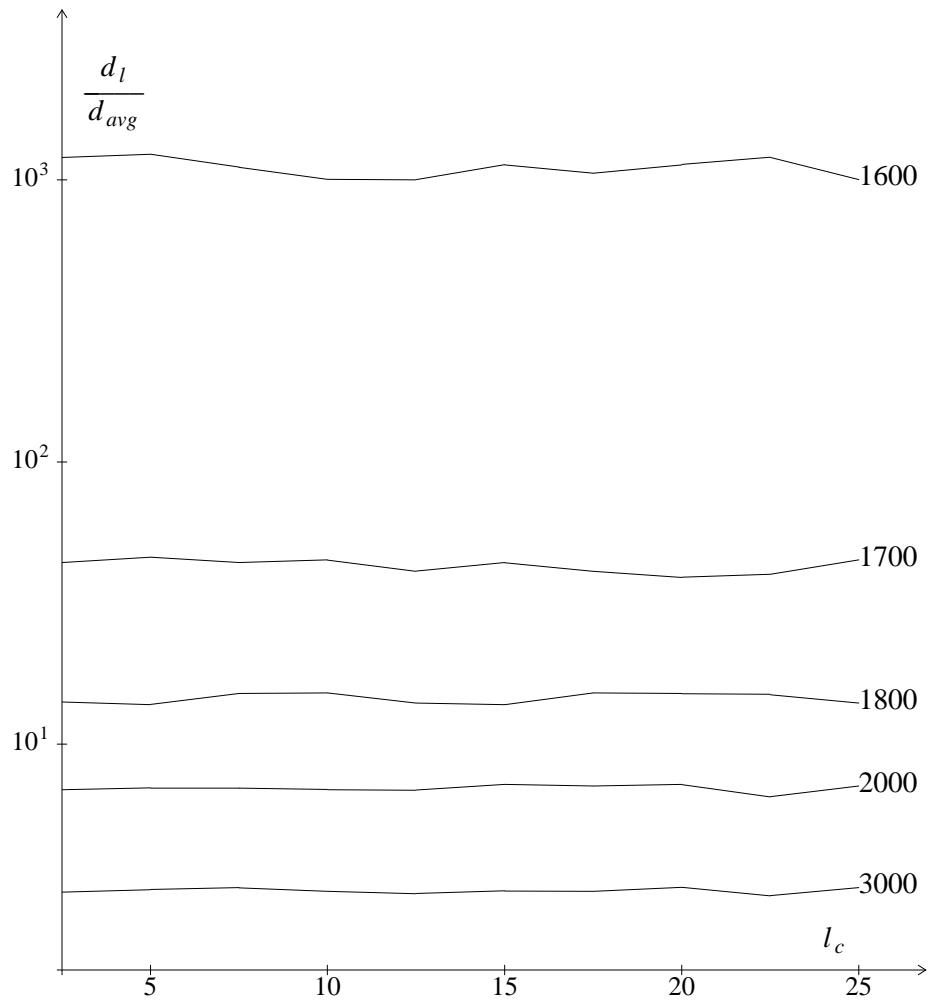


Figure 13. Message delay distribution for the SCS network with packet spacing adjustment.