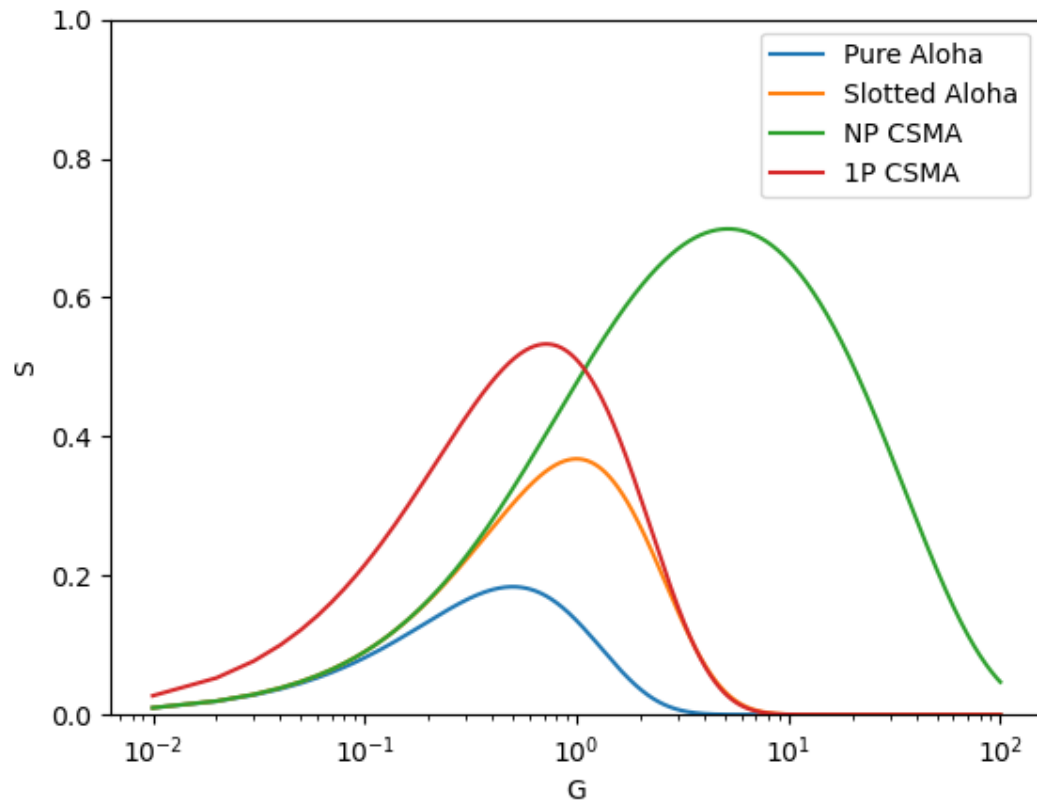


Student Name: Adrian Goh Jun Wei
Group: TS5
Date: 1 April 2020



For the analysis, we set the value $p = 0.1$ and $a = 0.03$.

1. We can see that regardless of the traffic G , the efficiency performance always following the ranking of (in decreasing manner)
 - a. 1 persistent CSMA
 - b. Slotted Aloha
 - c. Pure Aloha
2. When traffic G became very huge (approaches infinity, all the throughput became quite negligible and approaches 0)
3. Slotted ALOHA is more efficient as compared to pure ALOHA.
4. At higher traffic (G), it is quite consistent that non-persistent CSMA has a much higher throughput as compared to all the others.
5. The throughput for Pure ALOHA peaked when G is approximately 0.5, while the that of the Slotted Aloha is 1 respectively.