Behaviour of Congestion Window Vs Time graphs:

In all the congestion control algorithms an initial increase (exponential rise) in the congestion window size is observed followed by a decrease. In case of TCP New Reno , TCP Hybla , TCP WestWood and TCP Scalable the maximum congestion window size of upto 10000 bytes was observed while in case of TCP Vegas it was observed to be upto 5000 bytes. The decrease in case of TCP New Reno and TCP Hybla are very similar , except that after approximately 0.7 seconds TCP Hybla shows a decline. In case of TCP WestWood the decline is much steeper followed by a slow increase. For TCP Scalable the decline is uniform followed by a sharp increase at approximately 1.70 seconds. For TCP Vegas a sharp fall from 5000 to 4000 was observed followed by a very slow decline.