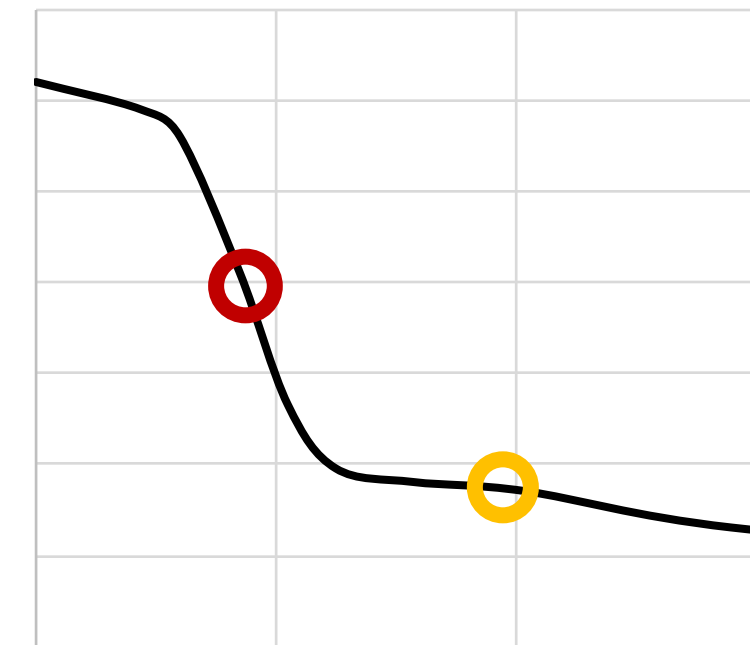


QoE time spent on the

website (minutes)

70
60
50
40
30
20
10
0



0 2000 4000 6000
End-to-end delay (ms)

1200 request-per-sec

400x  , 800x 

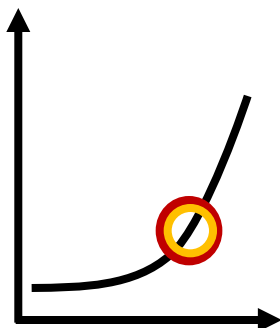
200x 
400x 



200x 
400x 



99th% delay





RPS


(a) Randomized RS or
delay-aware RS

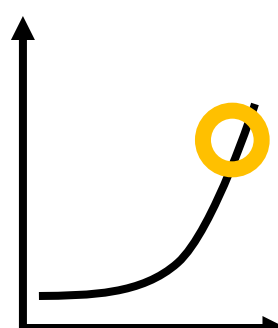
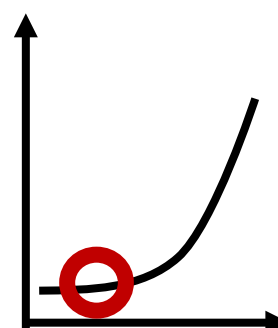
1000 request-per-sec

400x  , 800x 

400x 
0x 



0x 
800x 



(b) QoE-driven RS