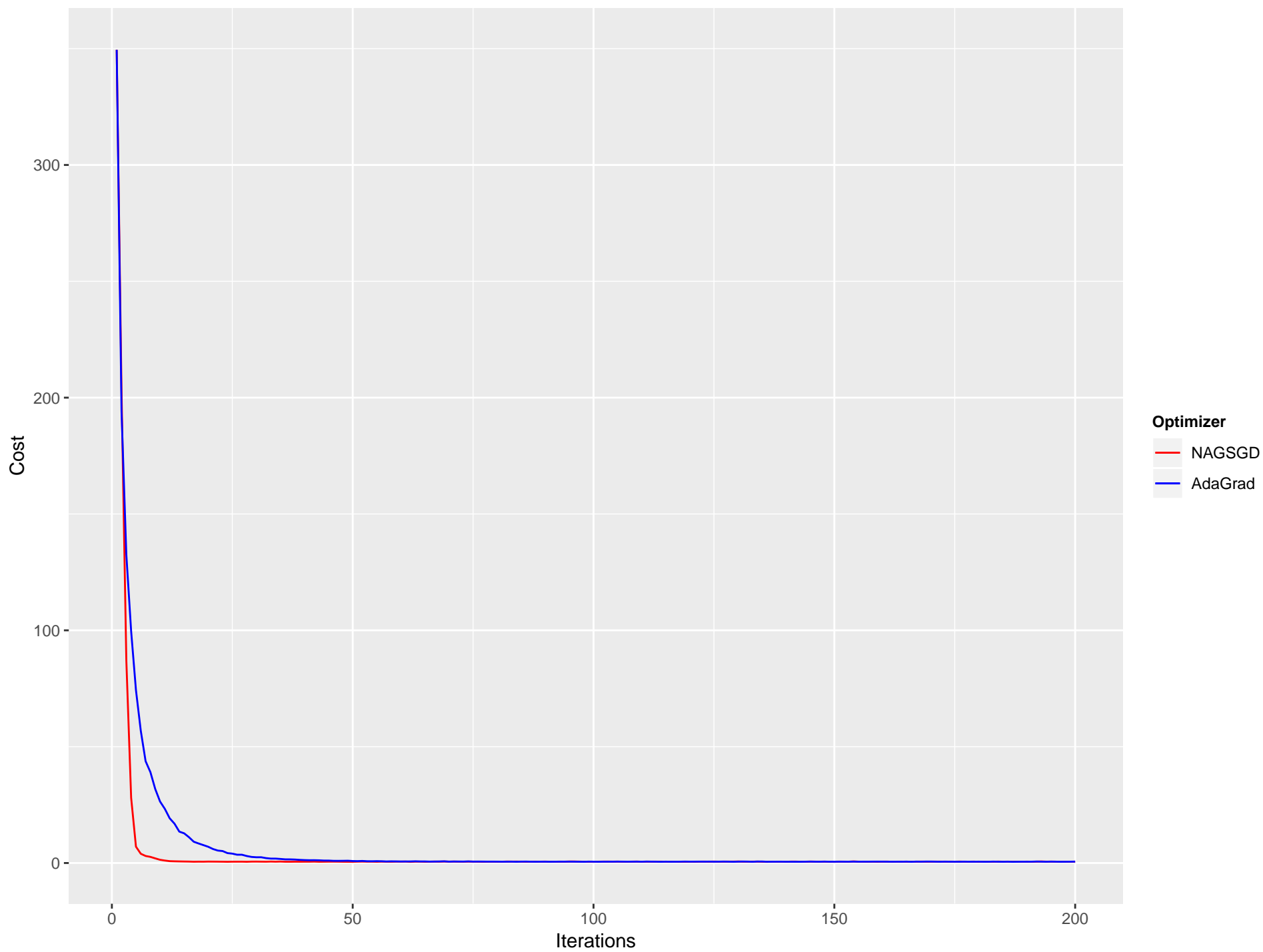


# Q.2.d: Plot of cost function

NAGSGD:  $a=0.5$  ,  $b=0.6$  | AdaGrad:  $a=2.6$



# Q.2.e: Phase plot of $\theta_2$ vs $\theta_3$

GD:  $a=0.6$  | MSGD:  $a=0.26$  ,  $b=0.75$  | AdaGrad:  $a=2.6$

