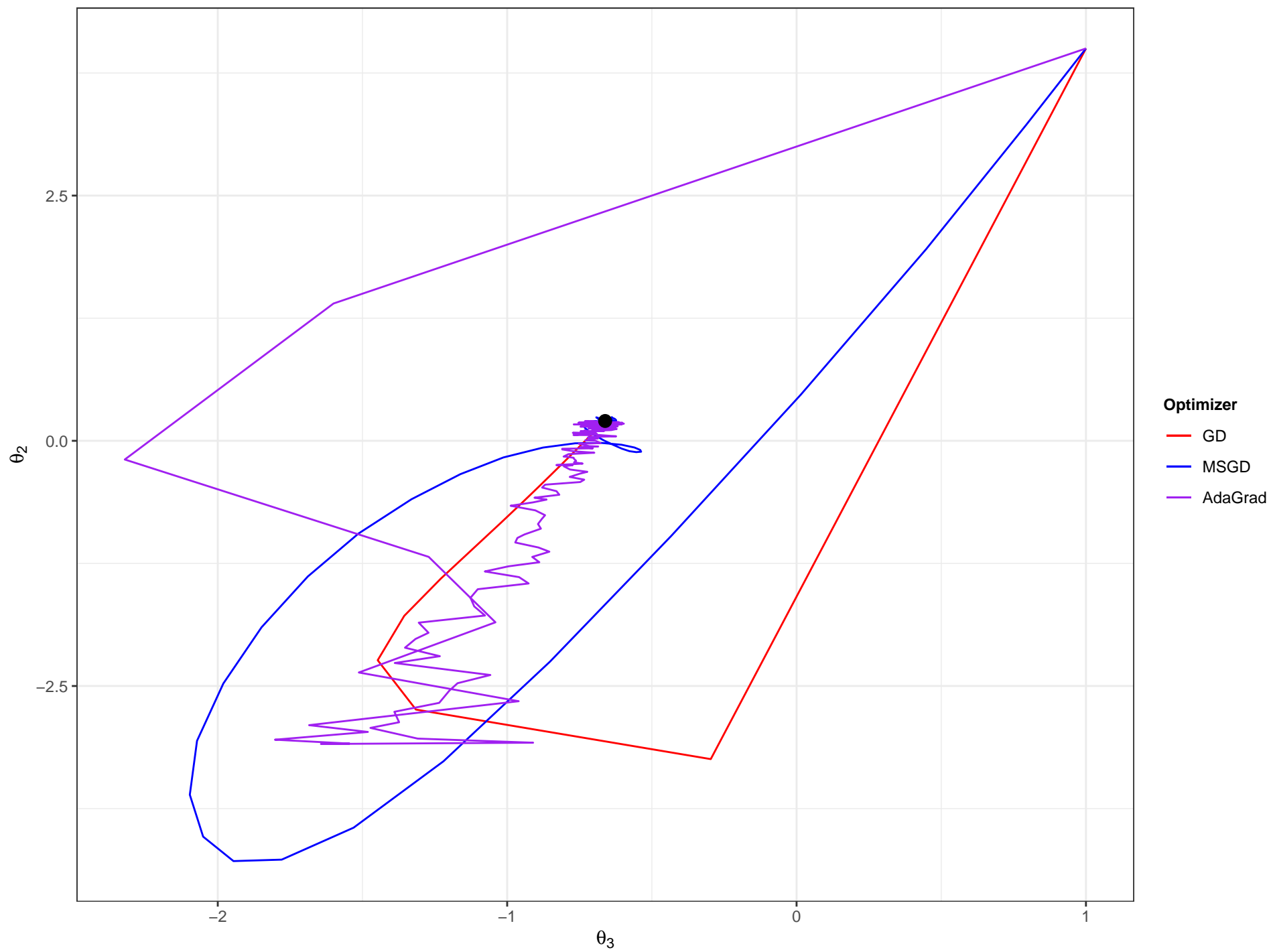


Q.2.e: Phase plot of θ_2 vs θ_3

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



Q.2.e: Additional phase plots of θ_2 vs θ_3

SGD: $a=0.5$ | NAGSGD: $a=0.5$, $b=0.6$ | RMSProp: $a=0.208$, $c=0.999$

ADAM: $a=0.45$, $b=0.6$, $c=0.999$

