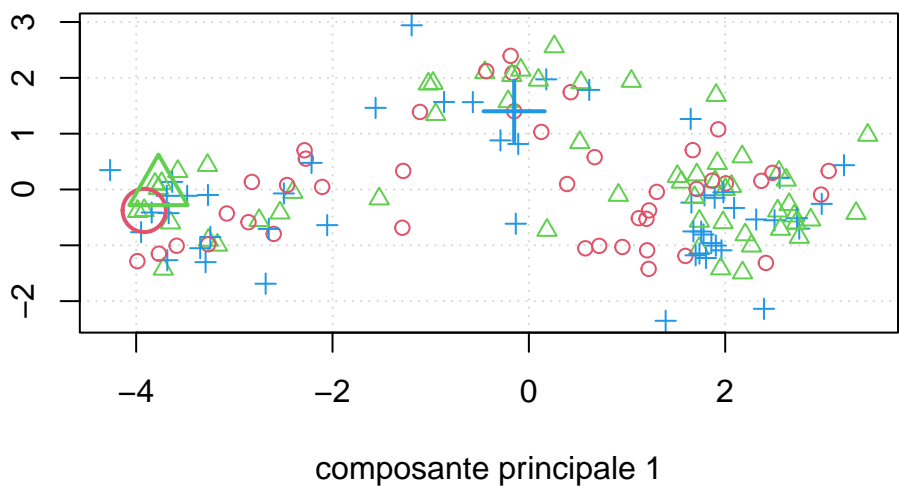


composante principale 2



calcul du barycentre