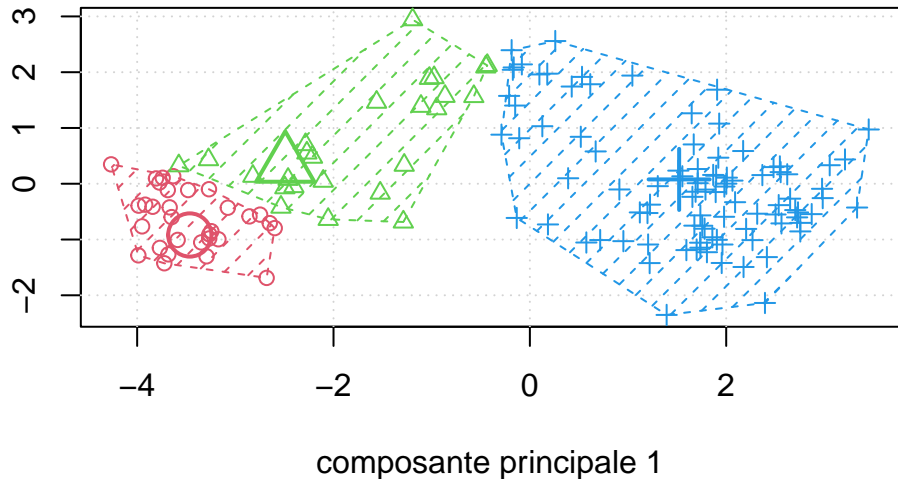


composante principale 2



réassignation des observations aux groupes