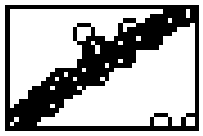
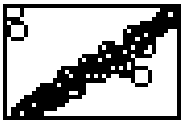
Khan Inan
Assignment 11

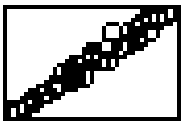
If we look at the clusters in R for the plot in R there are several clusters that are found to be interesting



This cluster for example is Free throws made and if we want to assume something based off this information and what we know about basketball, we can see that the reduced pressure off a free throw affects all players almost equally due to the concentration of values in the center.

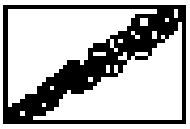


Similarly, free throws attempted seems to be a consistent number across the players possibly because their respective team depend on them to make free throws and the number of free throws do not vary that much from game to game.

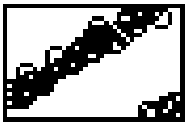


Next, the 3 pointers made by each athlete seems to be tightly clustered. This is possibly because in games of basketball you can often see that the teams often go back and forth across the court throwing 3 pointers, and it is often the case that basketball games are essentially teams going back and forth throwing 3 pointers the entire game because those are the shots

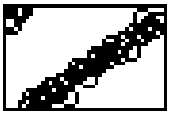
that are worth more. So because of this reason, I can see why most of the athletes have a similar amount of 3 pointers made



The number of 3PA seems to be very clustered, and this is most likely because every player tries to go for as many 3 pointers as possible, and so none of these player would have very few 3 pointer attempts



Defensive rebounds are one where we can see some clusters but also a fair bit of outliers. I believe this could be because some of the teams that these players are from vary from being very offensive teams or very defensive teams.



Because of the reasons mentions earlier, total rebounds would be for a similar reason to defensive rebounds. In basketball, the defensive oriented team will have more rebounds while the offensive teams would have less.