

Figure 1 - SC mean, SCR mean

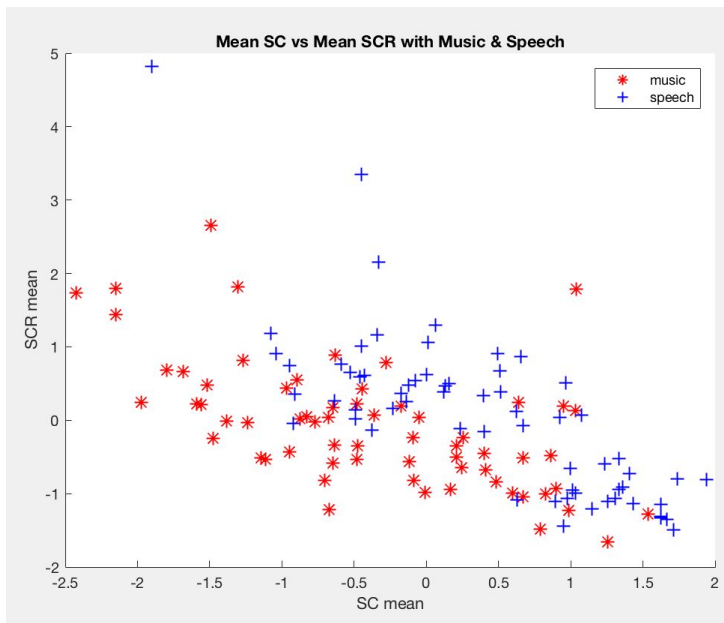


Figure 2 - SF mean, ZCR mean

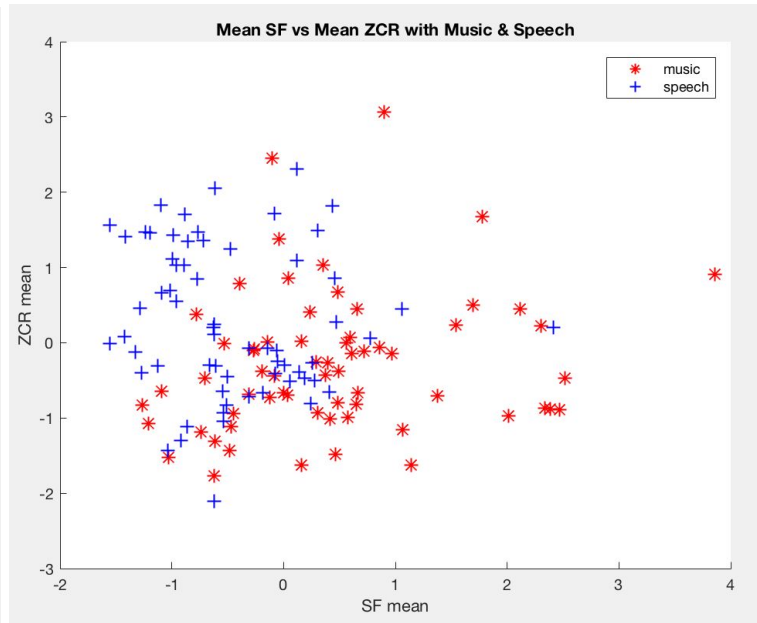


Figure 3 - RMS mean, RMS std

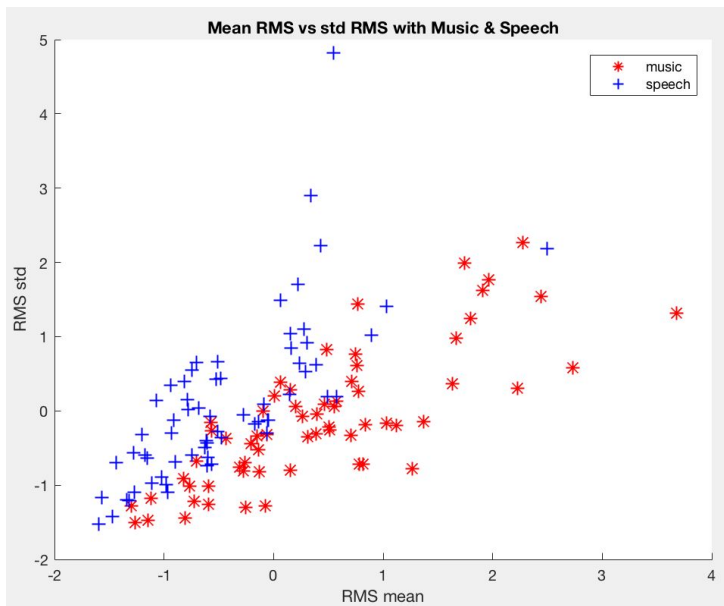


Figure 4 - ZCR std, SCR std

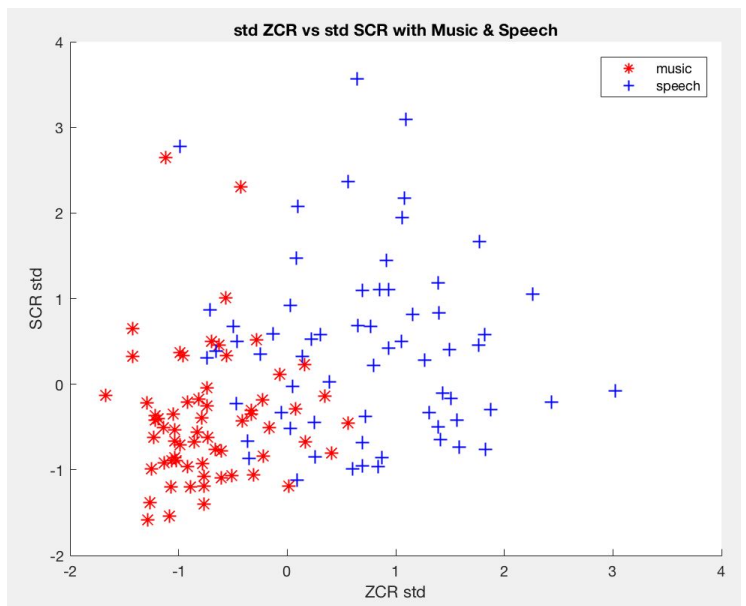
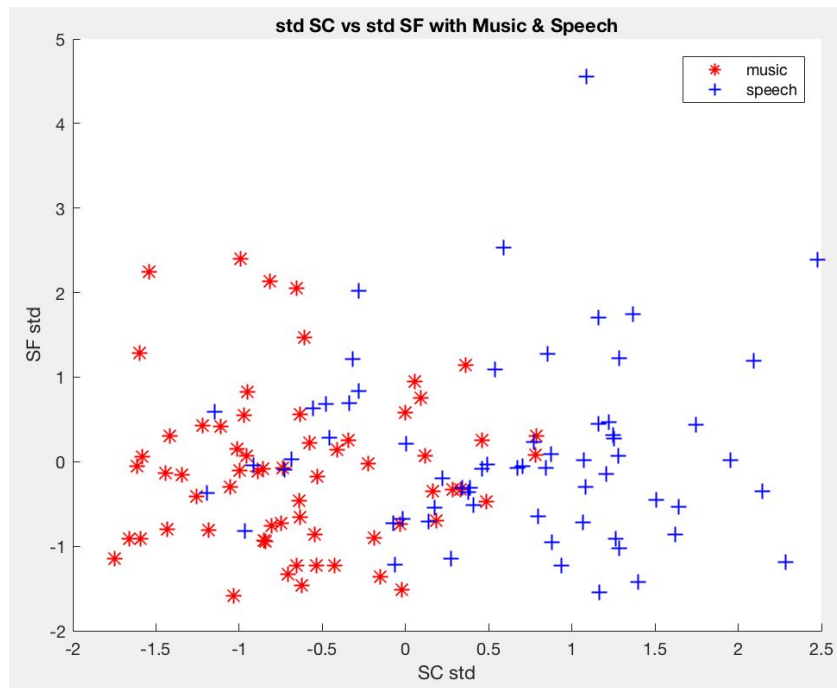


Figure 5 - SC std, SF std



Can you infer anything from these scatter plots?

Yes, there is some amount of spatial distinction between the two classes in each of the above figures. However, in some of the figures (ie 1 & 2), this distinction is not very clear. In the case of figures 4 & 5, there is only a clear distinction along the x-axis, so the y-dimension feature in these cases is quite useless. The best combination of features can be seen in figure 3, where you can see a clear spatial relationship between the classes in both the x and y dimensions. Below, is what doing something like SVC might result in given the features used in figure 3.

