

**Figure 1, A)** A plot of what the randomForest function found to be the two most important variables when predicting activity. The colors represent an activity and are clearly grouped as such. **B)** A bar plot of errors generated by the model when predicting on the test set. The x-axis represents the correct activity while the colored portion of the bar represents what the model predicted. Clearly shows how sitting can be interpreted as standing and visa-versa.