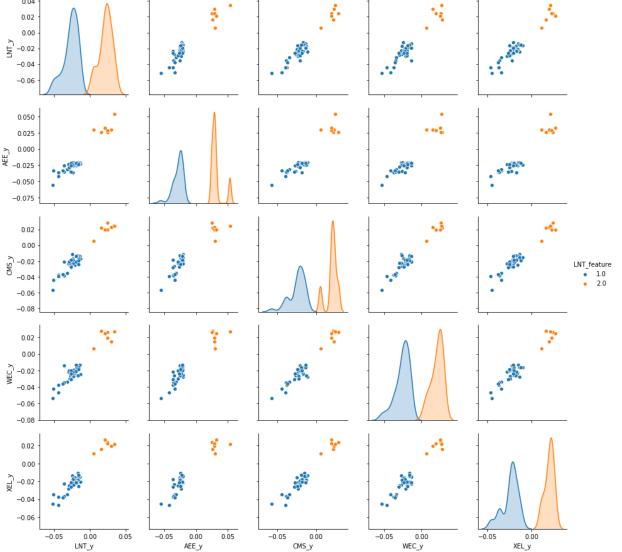
1/14/2020 stock_distribution

1. Separable Returns

This results is show a pairplot of various stock returns classified as the same group according to the Network result. I find this result to be remarkable. I was able introduce

Int_feature_extract2 function to separate distribution of positive and negative returns for returns on LNT, AEE, CMS, WEC, and XEL. This means that rather than trying to search for prediction model for individual stock, I only need to come up with a significant signal from any one of the stock. In other words, suppose my model for LNT stock gives a great prediction accuracy based on labels generated by Int_feature_extract2, then the model will be useful for predicting whether stock returns will be positive or negative for AEE, CMS, WEC, and XEL.



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