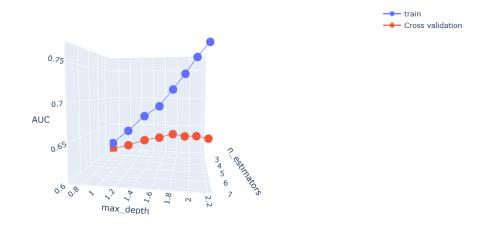
### SCREENSHOTS OF 3D PLOT

### **RANDOM FOREST**

### BOW

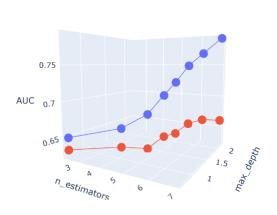
Best estimator: 1000 Best Depth: 10



train
Cross validation

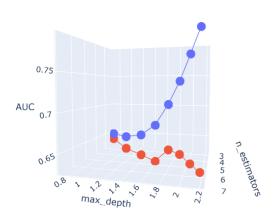
### **TFIDF**

Best estimator: 1000 Best Depth: 10



### AVGW2V

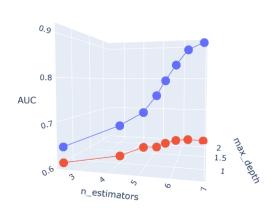
Best estimator: 1000 Best Depth: 7



# train Cross validation

## TFIDFW2V

Best estimator: 1000 Best Depth: 5

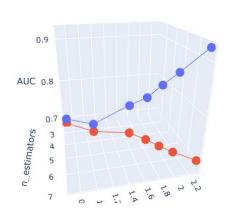




### **XGBOOST**

### BOW

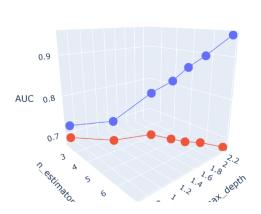
Best estimator: 300 Best Depth: 2



#### → train → Cross validation

### **TFIDF**

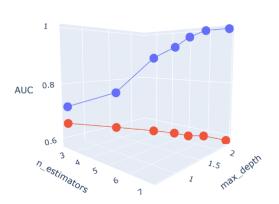
Best estimator: 100 Best Depth: 2





### AVGW2V

Best estimator: 300 Best Depth: 4



# train Cross validation

### TFIDFW2V

Best estimator: 50 Best Depth: 2

