30 After 2020

======= Fold 0 ========

Our accuracy on the validation set is 0.7786, precision is 0.6623, and AUC is 0.8007

Our out of fold AUC score is 0.8007 and precision is 0.6623

======= Fold 1 ========

Our accuracy on the validation set is 0.7449, precision is 0.6858, and AUC is 0.7940

Our out of fold AUC score is 0.7973 and precision is 0.6741

======= Fold 2 ========

Our accuracy on the validation set is 0.7504, precision is 0.6627, and AUC is 0.7783

Our out of fold AUC score is 0.7910 and precision is 0.6703

======= Fold 3 ========

Our accuracy on the validation set is 0.7719, precision is 0.6339, and AUC is 0.7948

Our out of fold AUC score is 0.7920 and precision is 0.6612

======= Fold 4 ========

Our accuracy on the validation set is 0.7711, precision is 0.6721, and AUC is 0.7889

**Our out of fold AUC score is 0.7913 and precision is 0.6634**

30 

======= Fold 0 ========

Our accuracy on the validation set is 0.7678, precision is 0.6836, and AUC is 0.7718

Our out of fold AUC score is 0.7718 and precision is 0.6836

======= Fold 1 ========

Our accuracy on the validation set is 0.7795, precision is 0.6215, and AUC is 0.7532

Our out of fold AUC score is 0.7625 and precision is 0.6526

======= Fold 2 ========

Our accuracy on the validation set is 0.7806, precision is 0.6654, and AUC is 0.7776

Our out of fold AUC score is 0.7675 and precision is 0.6568

======= Fold 3 ========

Our accuracy on the validation set is 0.7804, precision is 0.6735, and AUC is 0.7602

Our out of fold AUC score is 0.7657 and precision is 0.6610

======= Fold 4 ========

Our accuracy on the validation set is 0.7810, precision is 0.6970, and AUC is 0.7755

**Our out of fold AUC score is 0.7677 and precision is 0.6682**

30 Sector

======= Fold 0 ========

Our accuracy on the validation set is 0.7691, precision is 0.6929, and AUC is 0.7744

Our out of fold AUC score is 0.7744 and precision is 0.6929

======= Fold 1 ========

Our accuracy on the validation set is 0.7813, precision is 0.6367, and AUC is 0.7584

Our out of fold AUC score is 0.7664 and precision is 0.6648

======= Fold 2 ========

Our accuracy on the validation set is 0.7800, precision is 0.6732, and AUC is 0.7817

Our out of fold AUC score is 0.7715 and precision is 0.6676

======= Fold 3 ========

Our accuracy on the validation set is 0.7787, precision is 0.6670, and AUC is 0.7608

Our out of fold AUC score is 0.7688 and precision is 0.6674

======= Fold 4 ========

Our accuracy on the validation set is 0.7837, precision is 0.7141, and AUC is 0.7789

**Our out of fold AUC score is 0.7708 and precision is 0.6768**

**30 Industry**

======= Fold 0 ========

Our accuracy on the validation set is 0.7680, precision is 0.6823, and AUC is 0.7726

Our out of fold AUC score is 0.7726 and precision is 0.6823

======= Fold 1 ========

Our accuracy on the validation set is 0.7814, precision is 0.6359, and AUC is 0.7577

Our out of fold AUC score is 0.7652 and precision is 0.6591

======= Fold 2 ========

Our accuracy on the validation set is 0.7782, precision is 0.6639, and AUC is 0.7761

Our out of fold AUC score is 0.7688 and precision is 0.6607

======= Fold 3 ========

Our accuracy on the validation set is 0.7779, precision is 0.6574, and AUC is 0.7574

Our out of fold AUC score is 0.7660 and precision is 0.6599

======= Fold 4 ========

Our accuracy on the validation set is 0.7833, precision is 0.7025, and AUC is 0.7757

**Our out of fold AUC score is 0.7679 and precision is 0.6684**

**15 Industry**

======= Fold 0 ========

Our accuracy on the validation set is 0.7674, precision is 0.6842, and AUC is 0.7612

Our out of fold AUC score is 0.7612 and precision is 0.6842

======= Fold 1 ========

Our accuracy on the validation set is 0.7845, precision is 0.6577, and AUC is 0.7487

Our out of fold AUC score is 0.7549 and precision is 0.6710

======= Fold 2 ========

Our accuracy on the validation set is 0.7839, precision is 0.6953, and AUC is 0.7648

Our out of fold AUC score is 0.7582 and precision is 0.6791

======= Fold 3 ========

Our accuracy on the validation set is 0.7761, precision is 0.6879, and AUC is 0.7573

Our out of fold AUC score is 0.7580 and precision is 0.6813

======= Fold 4 ========

Our accuracy on the validation set is 0.7789, precision is 0.6968, and AUC is 0.7622

**Our out of fold AUC score is 0.7588 and precision is 0.6844**

**15 Sector**

======= Fold 0 ========

Our accuracy on the validation set is 0.7684, precision is 0.6851, and AUC is 0.7630

Our out of fold AUC score is 0.7630 and precision is 0.6851

======= Fold 1 ========

Our accuracy on the validation set is 0.7824, precision is 0.6462, and AUC is 0.7519

Our out of fold AUC score is 0.7574 and precision is 0.6656

======= Fold 2 ========

Our accuracy on the validation set is 0.7830, precision is 0.6868, and AUC is 0.7679

Our out of fold AUC score is 0.7609 and precision is 0.6727

======= Fold 3 ========

Our accuracy on the validation set is 0.7743, precision is 0.6804, and AUC is 0.7581

Our out of fold AUC score is 0.7602 and precision is 0.6746

======= Fold 4 ========

Our accuracy on the validation set is 0.7792, precision is 0.6939, and AUC is 0.7698

**Our out of fold AUC score is 0.7621 and precision is 0.6785**

**15 No Categories**

======= Fold 0 ========

Our accuracy on the validation set is 0.7677, precision is 0.6824, and AUC is 0.7609

Our out of fold AUC score is 0.7609 and precision is 0.6824

======= Fold 1 ========

Our accuracy on the validation set is 0.7815, precision is 0.6361, and AUC is 0.7427

Our out of fold AUC score is 0.7518 and precision is 0.6593

======= Fold 2 ========

Our accuracy on the validation set is 0.7827, precision is 0.6855, and AUC is 0.7636

Our out of fold AUC score is 0.7557 and precision is 0.6680

======= Fold 3 ========

Our accuracy on the validation set is 0.7750, precision is 0.6759, and AUC is 0.7546

Our out of fold AUC score is 0.7554 and precision is 0.6700

======= Fold 4 ========

Our accuracy on the validation set is 0.7794, precision is 0.6974, and AUC is 0.7600

Our out of fold AUC score is 0.7563 and precision is 0.6755

**60 No Categories**

======= Fold 0 ========

Our accuracy on the validation set is 0.7672, precision is 0.6638, and AUC is 0.7655

Our out of fold AUC score is 0.7655 and precision is 0.6638

======= Fold 1 ========

Our accuracy on the validation set is 0.7797, precision is 0.6411, and AUC is 0.7612

Our out of fold AUC score is 0.7633 and precision is 0.6524

======= Fold 2 ========

Our accuracy on the validation set is 0.7895, precision is 0.6747, and AUC is 0.7865

Our out of fold AUC score is 0.7711 and precision is 0.6598

======= Fold 3 ========

Our accuracy on the validation set is 0.7820, precision is 0.6230, and AUC is 0.7576

Our out of fold AUC score is 0.7677 and precision is 0.6506

======= Fold 4 ========

Our accuracy on the validation set is 0.7848, precision is 0.6436, and AUC is 0.7717

**Our out of fold AUC score is 0.7685 and precision is 0.6492**

30 After 2020

**Our out of fold AUC score is 0.7913 and precision is 0.6634**

30 After 2016

**Our out of fold AUC score is 0.7677 and precision is 0.6682**

30 Sector

**Our out of fold AUC score is 0.7708 and precision is 0.6768**

30 Industry

**Our out of fold AUC score is 0.7679 and precision is 0.6684**

15 Industry

**Our out of fold AUC score is 0.7588 and precision is 0.6844**

15 Sector

**Our out of fold AUC score is 0.7621 and precision is 0.6785**

15 No Categories

Our out of fold AUC score is 0.7563 and precision is 0.6755

60 No Categories

**Our out of fold AUC score is 0.7685 and precision is 0.6492**