C:\Anaconda\python.exe C:/‏‏PycharmProjects/PTSD/Model/xgb\_for\_subset.py

Using TensorFlow backend.

drop = 40

trg = PCL\_Strict3

PCL\_Strict1 = 0

phq9 = 3

highschool = 0

exp = 1

df.shape (3, 60)

c = inf

error Cannot have number of splits n\_splits=3 greater than the number of samples: n\_samples=1.

drop = 40

trg = PCL\_Strict3

PCL\_Strict1 = 0

phq9 = 3

highschool = 0

exp = 0

df.shape (5, 60)

c = inf

error Cannot have number of splits n\_splits=3 greater than the number of samples: n\_samples=2.

drop = 40

trg = PCL\_Strict3

PCL\_Strict1 = 0

phq9 = 3

highschool = -1

exp = 1

df.shape (6, 60)

error The least populated class in y has only 1 member, which is too few. The minimum number of groups for any class cannot be less than 2.

drop = 40

trg = PCL\_Strict3

PCL\_Strict1 = 0

phq9 = 3

highschool = -1

exp = 0

df.shape (8, 60)

error The least populated class in y has only 1 member, which is too few. The minimum number of groups for any class cannot be less than 2.

drop = 40

trg = PCL\_Strict3

PCL\_Strict1 = 0

phq9 = -1

highschool = 0

exp = 1

df.shape (3, 60)

c = inf

error Cannot have number of splits n\_splits=3 greater than the number of samples: n\_samples=1.

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PCL\_Strict1 = 0

phq9 = -1

highschool = 0

exp = 0

df.shape (5, 60)

c = inf

error Cannot have number of splits n\_splits=3 greater than the number of samples: n\_samples=2.

drop = 40

trg = PCL\_Strict3

PCL\_Strict1 = 0

phq9 = -1

highschool = -1

exp = 1

df.shape (6, 60)

error The least populated class in y has only 1 member, which is too few. The minimum number of groups for any class cannot be less than 2.

drop = 40

trg = PCL\_Strict3

PCL\_Strict1 = 0

phq9 = -1

highschool = -1

exp = 0

df.shape (8, 60)

error The least populated class in y has only 1 member, which is too few. The minimum number of groups for any class cannot be less than 2.

drop = 40

trg = PCL\_Strict3

PCL\_Strict1 = -1

phq9 = 3

highschool = 0

exp = 1

df.shape (192, 60)

c = 13.4

Best params: {'classifier\_\_gamma': 0, 'classifier\_\_learning\_rate': 0.1, 'classifier\_\_max\_depth': 3, 'classifier\_\_min\_child\_weight': 1, 'classifier\_\_n\_estimators': 50, 'classifier\_\_scale\_pos\_weight': 26.8}

Best training score: 0.611

Test set score score for best params: 0.000

drop = 40

trg = PCL\_Strict3

PCL\_Strict1 = -1

phq9 = 3

highschool = 0

exp = 0

df.shape (293, 60)

c = 13.6

Best params: {'classifier\_\_gamma': 1, 'classifier\_\_learning\_rate': 0.25, 'classifier\_\_max\_depth': 3, 'classifier\_\_min\_child\_weight': 0.5, 'classifier\_\_n\_estimators': 100, 'classifier\_\_scale\_pos\_weight': 6.8}

Best training score: 0.571

Test set score score for best params: 0.500

drop = 40

trg = PCL\_Strict3

PCL\_Strict1 = -1

phq9 = 3

highschool = -1

exp = 1

df.shape (238, 60)

c = 12.692307692307692

Best params: {'classifier\_\_gamma': 1, 'classifier\_\_learning\_rate': 0.25, 'classifier\_\_max\_depth': 3, 'classifier\_\_min\_child\_weight': 2, 'classifier\_\_n\_estimators': 100, 'classifier\_\_scale\_pos\_weight': 25.384615384615383}

Best training score: 0.411

Test set score score for best params: 0.286

drop = 40

trg = PCL\_Strict3

PCL\_Strict1 = -1

phq9 = 3

highschool = -1

exp = 0

df.shape (354, 60)

c = 11.045454545454545

Best params: {'classifier\_\_gamma': 0, 'classifier\_\_learning\_rate': 0.05, 'classifier\_\_max\_depth': 2, 'classifier\_\_min\_child\_weight': 1, 'classifier\_\_n\_estimators': 50, 'classifier\_\_scale\_pos\_weight': 11.045454545454545}

Best training score: 0.308

Test set score score for best params: 0.286

drop = 40

trg = PCL\_Strict3

PCL\_Strict1 = -1

phq9 = -1

highschool = 0

exp = 1

df.shape (282, 60)

c = 20.1

Best params: {'classifier\_\_gamma': 0, 'classifier\_\_learning\_rate': 0.05, 'classifier\_\_max\_depth': 5, 'classifier\_\_min\_child\_weight': 0.5, 'classifier\_\_n\_estimators': 50, 'classifier\_\_scale\_pos\_weight': 40.2}

Best training score: 0.268

Test set score score for best params: 0.000

drop = 40

trg = PCL\_Strict3

PCL\_Strict1 = -1

phq9 = -1

highschool = 0

exp = 0

df.shape (445, 60)

c = 21.2

Best params: {'classifier\_\_gamma': 0, 'classifier\_\_learning\_rate': 0.05, 'classifier\_\_max\_depth': 2, 'classifier\_\_min\_child\_weight': 2, 'classifier\_\_n\_estimators': 50, 'classifier\_\_scale\_pos\_weight': 10.6}

Best training score: 0.431

Test set score score for best params: 0.400

drop = 40

trg = PCL\_Strict3

PCL\_Strict1 = -1

phq9 = -1

highschool = -1

exp = 1

df.shape (344, 60)

c = 17.428571428571427

Best params: {'classifier\_\_gamma': 0, 'classifier\_\_learning\_rate': 0.1, 'classifier\_\_max\_depth': 2, 'classifier\_\_min\_child\_weight': 2, 'classifier\_\_n\_estimators': 100, 'classifier\_\_scale\_pos\_weight': 34.857142857142854}

Best training score: 0.259

Test set score score for best params: 0.000

drop = 40

trg = PCL\_Strict3

PCL\_Strict1 = -1

phq9 = -1

highschool = -1

exp = 0

df.shape (531, 60)

c = 17.09090909090909

Best params: {'classifier\_\_gamma': 0, 'classifier\_\_learning\_rate': 0.1, 'classifier\_\_max\_depth': 2, 'classifier\_\_min\_child\_weight': 2, 'classifier\_\_n\_estimators': 100, 'classifier\_\_scale\_pos\_weight': 17.09090909090909}

Best training score: 0.410

Test set score score for best params: 0.444

drop = 50

trg = PCL\_Strict3

PCL\_Strict1 = 0

phq9 = 3

highschool = 0

exp = 1

df.shape (3, 60)

c = inf

error Cannot have number of splits n\_splits=3 greater than the number of samples: n\_samples=1.

drop = 50

trg = PCL\_Strict3

PCL\_Strict1 = 0

phq9 = 3

highschool = 0

exp = 0

df.shape (5, 60)

c = inf

error Cannot have number of splits n\_splits=3 greater than the number of samples: n\_samples=2.

drop = 50

trg = PCL\_Strict3

PCL\_Strict1 = 0

phq9 = 3

highschool = -1

exp = 1

df.shape (6, 60)

error The least populated class in y has only 1 member, which is too few. The minimum number of groups for any class cannot be less than 2.

drop = 50

trg = PCL\_Strict3

PCL\_Strict1 = 0

phq9 = 3

highschool = -1

exp = 0

df.shape (8, 60)

error The least populated class in y has only 1 member, which is too few. The minimum number of groups for any class cannot be less than 2.

drop = 50

trg = PCL\_Strict3

PCL\_Strict1 = 0

phq9 = -1

highschool = 0

exp = 1

df.shape (3, 60)

c = inf

error Cannot have number of splits n\_splits=3 greater than the number of samples: n\_samples=1.

drop = 50

trg = PCL\_Strict3

PCL\_Strict1 = 0

phq9 = -1

highschool = 0

exp = 0

df.shape (5, 60)

c = inf

error Cannot have number of splits n\_splits=3 greater than the number of samples: n\_samples=2.

drop = 50

trg = PCL\_Strict3

PCL\_Strict1 = 0

phq9 = -1

highschool = -1

exp = 1

df.shape (6, 60)

error The least populated class in y has only 1 member, which is too few. The minimum number of groups for any class cannot be less than 2.

drop = 50

trg = PCL\_Strict3

PCL\_Strict1 = 0

phq9 = -1

highschool = -1

exp = 0

df.shape (8, 60)

error The least populated class in y has only 1 member, which is too few. The minimum number of groups for any class cannot be less than 2.

drop = 50

trg = PCL\_Strict3

PCL\_Strict1 = -1

phq9 = 3

highschool = 0

exp = 1

df.shape (187, 60)

c = 13.0

Best params: {'classifier\_\_gamma': 0, 'classifier\_\_learning\_rate': 0.05, 'classifier\_\_max\_depth': 3, 'classifier\_\_min\_child\_weight': 1, 'classifier\_\_n\_estimators': 50, 'classifier\_\_scale\_pos\_weight': 13.0}

Best training score: 0.368

Test set score score for best params: 0.000

drop = 50

trg = PCL\_Strict3

PCL\_Strict1 = -1

phq9 = 3

highschool = 0

exp = 0

df.shape (288, 60)

c = 13.4

Best params: {'classifier\_\_gamma': 0, 'classifier\_\_learning\_rate': 0.05, 'classifier\_\_max\_depth': 2, 'classifier\_\_min\_child\_weight': 2, 'classifier\_\_n\_estimators': 50, 'classifier\_\_scale\_pos\_weight': 26.8}

Best training score: 0.501

Test set score score for best params: 0.286

drop = 50

trg = PCL\_Strict3

PCL\_Strict1 = -1

phq9 = 3

highschool = -1

exp = 1

df.shape (233, 60)

c = 12.384615384615385

Best params: {'classifier\_\_gamma': 0, 'classifier\_\_learning\_rate': 0.1, 'classifier\_\_max\_depth': 3, 'classifier\_\_min\_child\_weight': 2, 'classifier\_\_n\_estimators': 300, 'classifier\_\_scale\_pos\_weight': 24.76923076923077}

Best training score: 0.375

Test set score score for best params: 0.000

drop = 50

trg = PCL\_Strict3

PCL\_Strict1 = -1

phq9 = 3

highschool = -1

exp = 0

df.shape (348, 60)

c = 10.863636363636363

Best params: {'classifier\_\_gamma': 0, 'classifier\_\_learning\_rate': 0.05, 'classifier\_\_max\_depth': 3, 'classifier\_\_min\_child\_weight': 2, 'classifier\_\_n\_estimators': 300, 'classifier\_\_scale\_pos\_weight': 21.727272727272727}

Best training score: 0.372

Test set score score for best params: 0.333

drop = 50

trg = PCL\_Strict3

PCL\_Strict1 = -1

phq9 = -1

highschool = 0

exp = 1

df.shape (273, 60)

c = 19.4

Best params: {'classifier\_\_gamma': 0, 'classifier\_\_learning\_rate': 0.1, 'classifier\_\_max\_depth': 2, 'classifier\_\_min\_child\_weight': 2, 'classifier\_\_n\_estimators': 50, 'classifier\_\_scale\_pos\_weight': 38.8}

Best training score: 0.244

Test set score score for best params: 0.000

drop = 50

trg = PCL\_Strict3

PCL\_Strict1 = -1

phq9 = -1

highschool = 0

exp = 0

df.shape (434, 60)

c = 20.666666666666668

Best params: {'classifier\_\_gamma': 0, 'classifier\_\_learning\_rate': 0.25, 'classifier\_\_max\_depth': 2, 'classifier\_\_min\_child\_weight': 0.5, 'classifier\_\_n\_estimators': 300, 'classifier\_\_scale\_pos\_weight': 41.333333333333336}

Best training score: 0.316

Test set score score for best params: 0.000

drop = 50

trg = PCL\_Strict3

PCL\_Strict1 = -1

phq9 = -1

highschool = -1

exp = 1

df.shape (335, 60)

c = 18.307692307692307

Best params: {'classifier\_\_gamma': 0.5, 'classifier\_\_learning\_rate': 0.25, 'classifier\_\_max\_depth': 5, 'classifier\_\_min\_child\_weight': 0.5, 'classifier\_\_n\_estimators': 100, 'classifier\_\_scale\_pos\_weight': 36.61538461538461}

Best training score: 0.356

Test set score score for best params: 0.000

drop = 50

trg = PCL\_Strict3

PCL\_Strict1 = -1

phq9 = -1

highschool = -1

exp = 0

df.shape (519, 60)

c = 16.681818181818183

Best params: {'classifier\_\_gamma': 0, 'classifier\_\_learning\_rate': 0.05, 'classifier\_\_max\_depth': 5, 'classifier\_\_min\_child\_weight': 2, 'classifier\_\_n\_estimators': 300, 'classifier\_\_scale\_pos\_weight': 16.681818181818183}

Best training score: 0.491

Test set score score for best params: 0.000

Process finished with exit code 0