```python

# Import base libraries
import pandas as pd
import numpy as np
from scipy.io import arff

import matplotlib.pyplot as plt
import seaborn as sns

from sklearn.model_selection import train_test_split
from sklearn.preprocessing import StandardScaler
from xgboost import XGBClassifier

from sklearn.metrics import roc_auc_score, roc_curve, auc
from sklearn.metrics import precision_score, recall_score, accuracy_score, f1_score
from sklearn.utils import class_weight
from sklearn.metrics import classification_report


def xgb_model_report(dataNumber, X_tr, y_tr, X_te, y_te, xgbParams, model_name, weights=0, save_model=0, print_report=0):

    """
    This is a function to that runs XGBClassifier with the given parameters and print the classification report.
    Returns to the model.

    dataNumber: # for Data file in use (1, 2, 3, 4, 5)
    X_tr: training data
    y_tr: training labels
    X_te: testing data
    y_te: testinglabels
    xgbParams: XGBClassifier parameters used to create the model
    weights: Bool parameter to use sample_weights or not.
    save_model: Bool parameter to control saving the model
    print_report: Bool parameter to control printing the report
    """
```