Vendor: SAS

Exam Code: A00-240
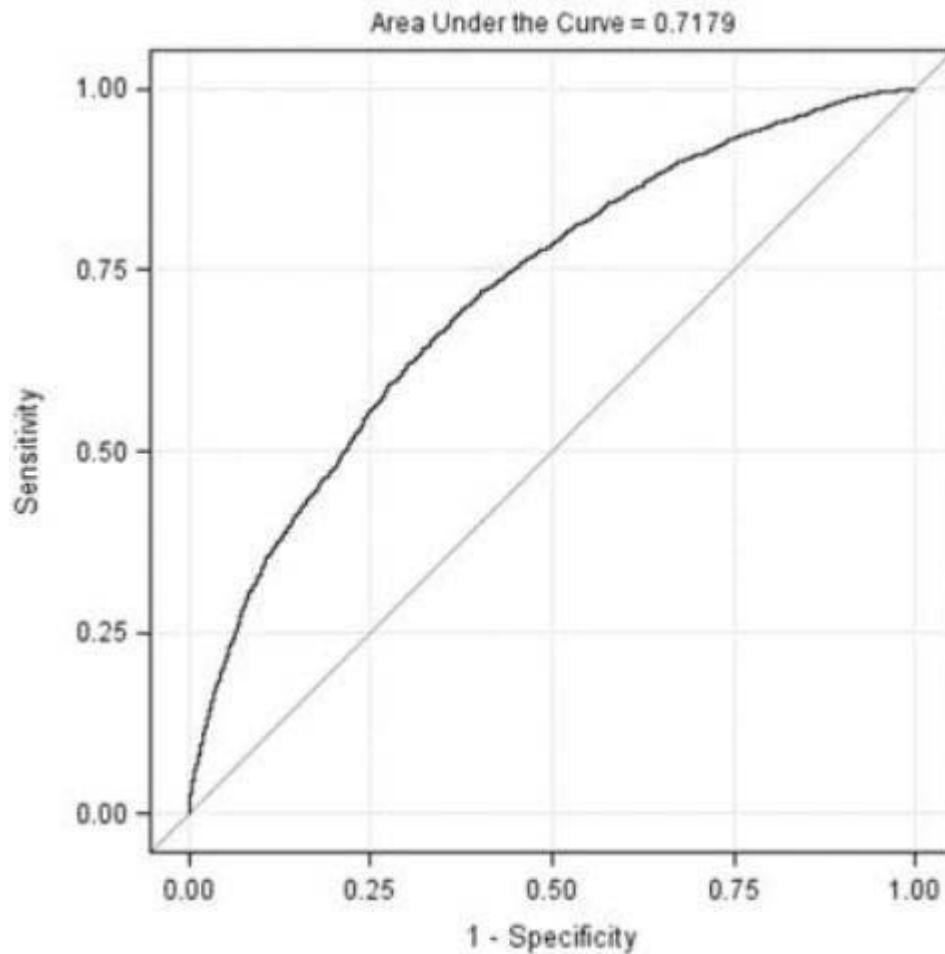
Exam Name: SAS Statistical Business Analysis SAS9: Regression and Model Exam

Version: DEMO

QUESTION 1
Refer to the ROC curve:

Area Under the Curve = 0.7179

As you move along the curve, what changes?

A. The priors in the population
B. The true negative rate in the population
C. The proportion of events in the training data
D. The probability cutoff for scoring

Answer: D

QUESTION 2
When mean imputation is performed on data after the data is partitioned for honest assessment, what is the most appropriate method for handling the mean imputation?

A. The sample means from the validation data set are applied to the training and test data sets.
B. The sample means from the training data set are applied to the validation and test data sets.
C. The sample means from the test data set are applied to the training and validation data sets.
D. The sample means from each partition of the data are applied to their own partition.

Answer: B

QUESTION 3
An analyst generates a model using the LOGISTIC procedure. They are now interested in getting the sensitivity and specificity statistics on a validation data set for a variety of cutoff values.
Which statement and option combination will generate these statistics?

A. Score data=valid1 out=roc;
B. Score data=valid1 outroc=roc;
C. mode1 resp(event= '1') = gender region/outroc=roc;
D. mode1 resp(event"1") = gender region/ out=roc;

Answer: B

QUESTION 4
Which SAS program will divide the original data set into 60% training and 40% validation data sets, stratified by county?

```
C  A.  proc surveyselect data=SASUSER.DATABASE samprate=0.6 out=sample;
           strata county;
        run;

C  B.  proc sort data=SASUSER.DATABASE;
           by county;
        run;
        proc surveyselect data=SASUSER.DATABASE samprate=0.6 out=sample outall;
        run;

C  C.  proc sort data=SASUSER.DATABASE;
           by county;
        run;
        proc surveyselect data=SASUSER.DATABASE samprate =0.6 out=sample outall;
           strata county;
        run;

C  D.  proc sort data=SASUSER.DATABASE;
           by county;
        run;
        proc surveyselect data=SASUSER.DATABASE samprate =0.6  out=sample;
           strata county;
        run;
```

A. Option A
B. Option B
C. Option C
D. Option D

Answer: C

QUESTION 5
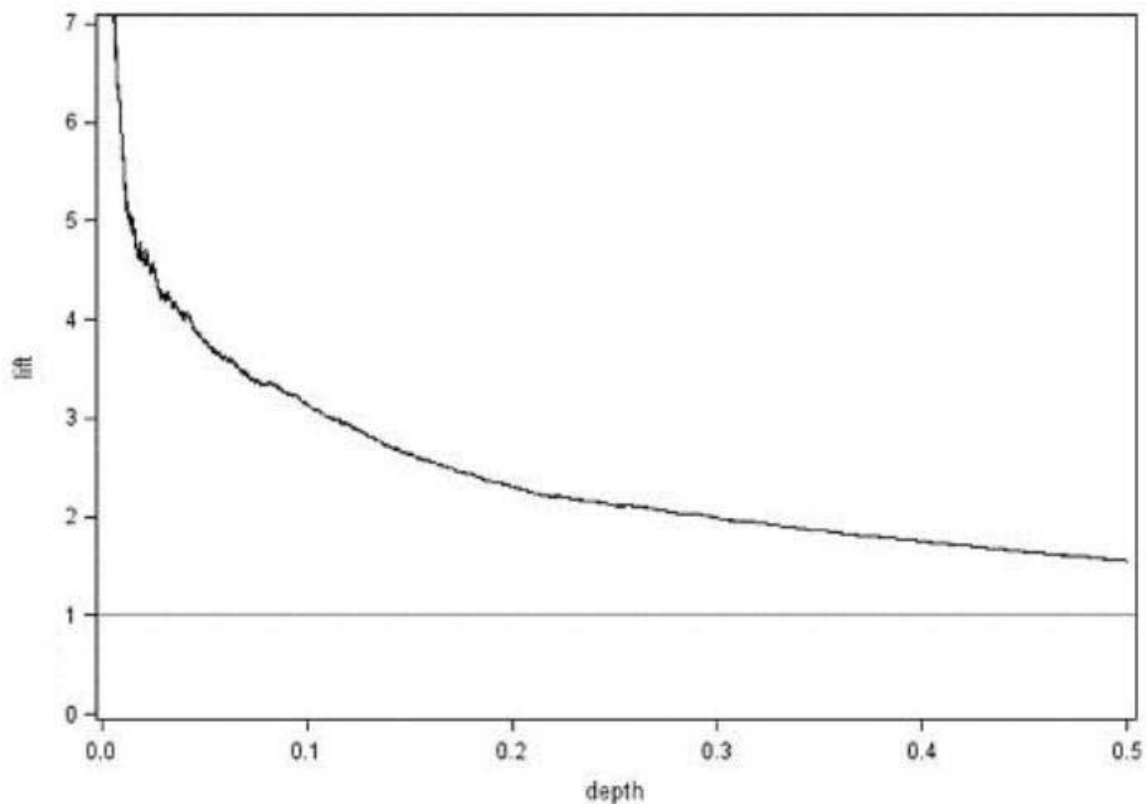In partitioning data for model assessment, which sampling methods are acceptable? (Choose

two.)

A. Simple random sampling without replacement
B. Simple random sampling with replacement
C. Stratified random sampling without replacement
D. Sequential random sampling with replacement

Answer: AC

QUESTION 6
Refer to the lift chart:

At a depth of 0.1, Lift = 3.14. What does this mean?

A. Selecting the top 10% of the population scored by the model should result in 3.14 times more events than a random draw of 10%.
B. Selecting the observations with a response probability of at least 10% should result in 3.14 times more events than a random draw of 10%.
C. Selecting the top 10% of the population scored by the model should result in 3.14 times greater accuracy than a random draw of 10%.
D. Selecting the observations with a response probability of at least 10% should result in 3.14 times greater accuracy than a random draw of 10%.

Answer: A

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