

(a) Data upload

Input data

Upload a file
 Load example data

Browse... trainData.txt Upload complete

Delimiter:
 Comma
 Tab
 Semicolon
 Space

You can upload your data separated by comma, tab, semicolon or space.

Note: First row must be the header including the variable names.

Analysis: ROC Analysis for Single Marker(s)

The "Analysis" tab should be used for analysis to combine two diagnostic test markers. If you want to evaluate the performance of a single diagnostic test or compare the performance of more than one diagnostic test, the "ROC Analysis for Single Marker(s)" tab should be selected.

Marker 1: D_dimer

Marker 2: log_leukocyte

Status: group

Select category for cases: needed

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Note: First row must be the header including the variable names.

Def

Copy CSV Excel PDF Print Show 10 entries Search:

| group | D_dimer | log_leukocyte |
|-------|---------|---------------|
| 1 | needed | 5.16 |
| 2 | needed | 8.9 |
| 3 | needed | 10.17 |
| 4 | needed | 1.93 |
| 5 | needed | 3.63 |
| 6 | needed | 2.9 |
| 7 | needed | 1.7 |
| 8 | needed | 7.78 |
| 9 | needed | 9.47 |
| 10 | needed | 1.86 |

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(b) Combination analysis

Combination approach: Nonlinear Combination Methods

Combination Method: Splines

Number of degrees marker 1: 3

Number of degrees marker 2: 3

Number of degrees of freedom for marker 1: 3

Number of degrees of freedom for marker 2: 3

Resampling method: Repeated cross-validation

Number of folds: 5

Number of repeats: 10

Standardization method: None

Advanced

Go Download Model

Results Plots

ROC Curves for Combined Diagnostic Test

Kernel density graphs

Individual-value Graphs

Sens. & Spec. Curve

(c) Combination analysis

Combination approach: Nonlinear Combination Methods

Combination Method: Splines

Number of degrees marker 1: 3

Number of degrees marker 2: 3

Number of degrees of freedom for marker 1: 3

Number of degrees of freedom for marker 2: 3

Resampling method: Repeated cross-validation

Number of folds: 5

Number of repeats: 10

Standardization method: None

Advanced

Go Download Model

Results Plots

AUC Table

| | AUC | SE.AUC | LowerLimit | UpperLimit | z | p.value |
|---------------|-------|--------|------------|------------|--------|----------------------|
| ddimer | 0.816 | 0.033 | 0.751 | 0.88 | 9.557 | 1.2124585782054e-21 |
| log_leukocyte | 0.802 | 0.038 | 0.728 | 0.877 | 7.971 | 1.57839075697847e-15 |
| Combined | 0.91 | 0.022 | 0.867 | 0.953 | 18.687 | 6.25811598682441e-78 |

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Multiple Comparison Table

Cut Points

Performance Measures

(d) Predict

Data Upload Result

Input new data

Upload Model

Upload Data

Browse... testData.txt Upload complete

Delimiter:
 Comma
 Tab
 Semicolon
 Space

You can upload your data separated by comma, tab, semicolon or space.

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Calculate

Copy CSV Excel PDF Print Show 10 entries Search: _____

| | comb.score | labels |
|----|--------------------|------------|
| 1 | 0.7684560158265263 | needed |
| 2 | 0.3731329760166785 | not_needed |
| 3 | 0.5244486873063082 | needed |
| 4 | 0.1180674710935866 | not_needed |
| 5 | 0.5162307929588966 | needed |
| 6 | 0.3986708163779816 | not_needed |
| 7 | 0.6595555191193218 | needed |
| 8 | 0.9777697542785332 | needed |
| 9 | 0.5551042174854107 | needed |
| 10 | 0.4713695125113515 | needed |

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