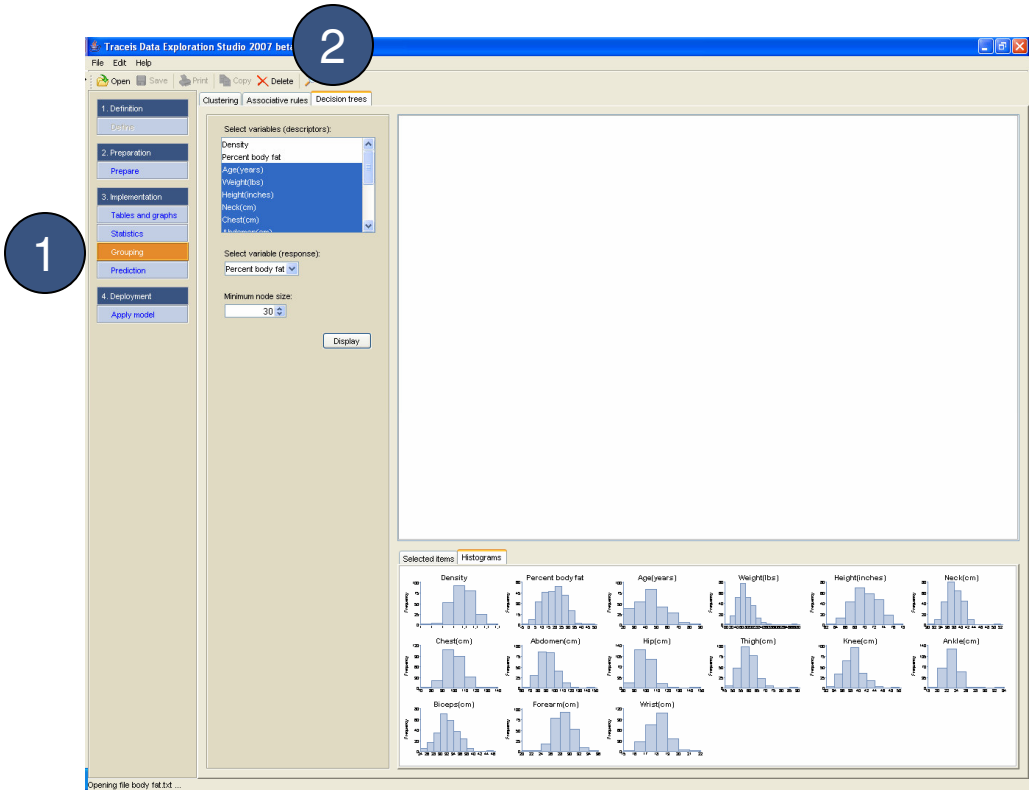
Traceis™ Data Exploration Studio
Decision trees

1 Select the grouping step

In this example, the body fat dataset was used. First click on the grouping step.

2 Selecting the decision trees tab



1 Select the descriptors

Select all variables to use as descriptors. In this example, all variables except density and percent body fat were selected. To select multiple non-contiguous variables, use ctrl-click and for contiguous variables use the shift-click.

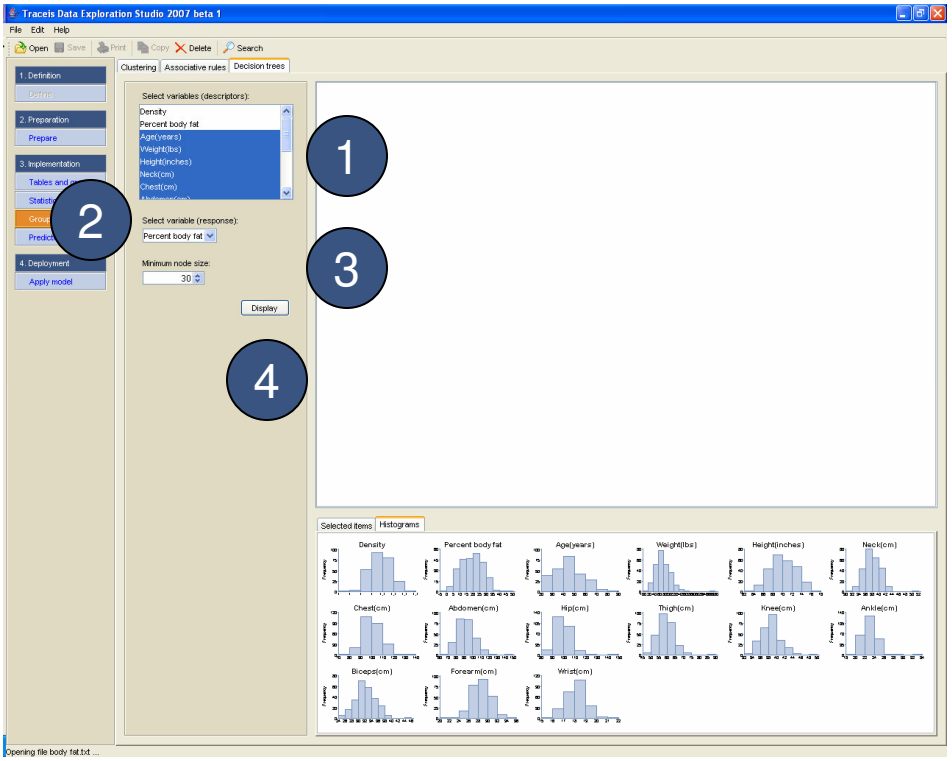
2 Select the response

Select the variable to use as the response. In this example, percent body fat was selected.

3 Select the minimum node size

In this example, a value of 30 was set.

4 Display the results

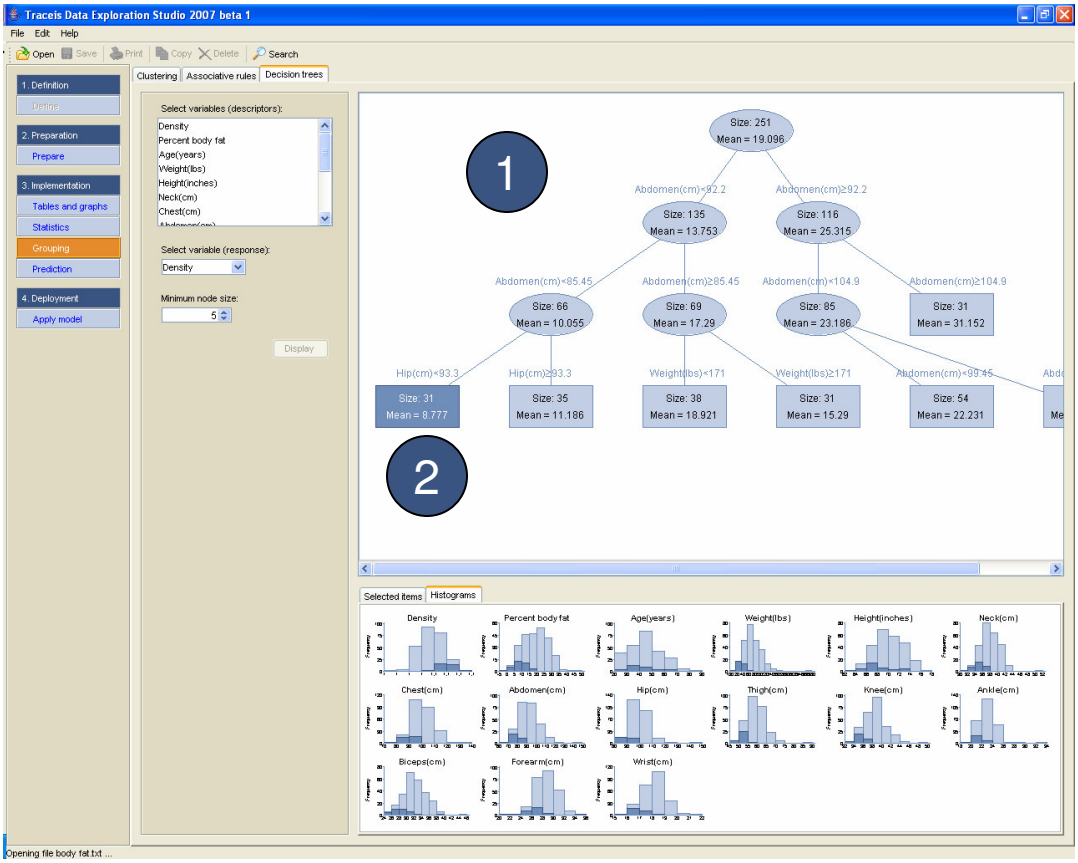


1 View the decision tree

Since the response variable is continuous, each node in the tree contains the mean value of the response.

2 Decision tree node selection

Single click on any node to view the observations.



1 Select the descriptors

In this example, the diabetes dataset was used and all variables except ID and diabetes were selected as descriptors.

2 Select the response

In this example, the diabetes variable was selected.

3 Select the minimum node size

In this example, a value of 50 was set.

4 Display the results

5 View the decision tree

Since the response variable was categorical, the node's most commonly occurring value is presented along with the proportion of observations in the node containing this value.