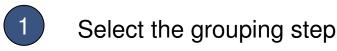
Traceis[™] Data Exploration Studio Clustering



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

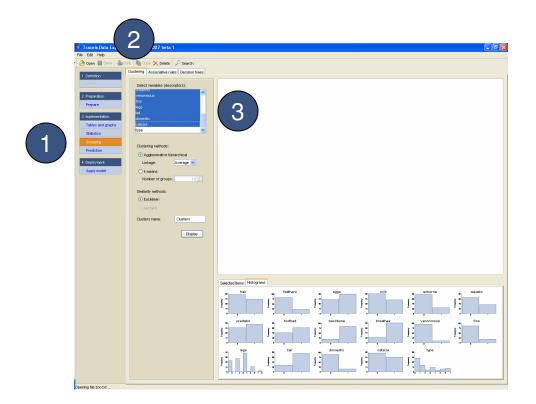


Select the clustering tab



Select the descriptors

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



1

Select clustering type and options

In this example, the agglomerative hierarchical clustering method was selected with the average linkage joining option.

Select similarity method

The euclidean distance method is currently available.



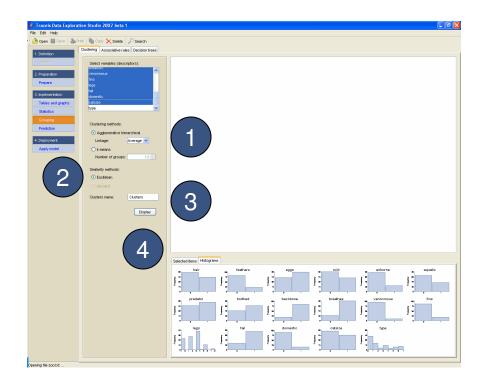
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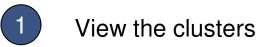
Name the cluster variable

A variable will be generated for the selected cluster, where each observation is assigned to a cluster. The name of the cluster variable can be set here.



Display the clusters





The results are presented in the form of a clustering dendrogram. The individual cluster are presented as rectangles to the right of the dendrogram.

2 Adjust the cut-off value

To change the distance at which the clusters are generated, click on the black square and move it to the left or right.

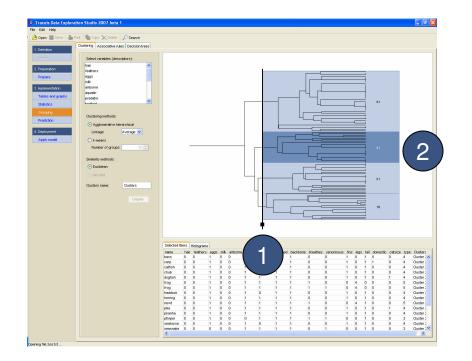
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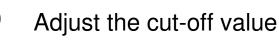
1 Adjust the cut-off value

Moving the cut-off value to the left will results in fewer clusters.

2 View cluster observations

To view the observations within a cluster, click within the blue cluster rectangle to the right of the cut-off line.

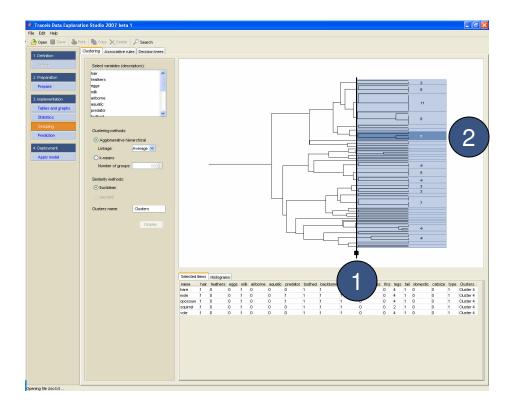




Moving the cut-off value to the right will results in more clusters.



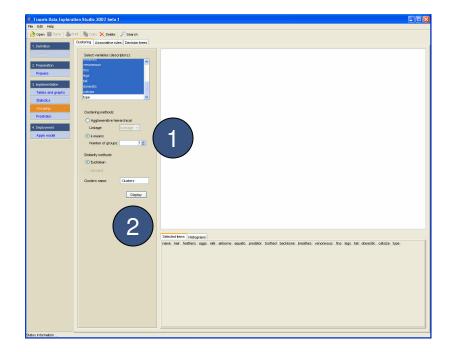
To view the observations within a cluster, click within the blue cluster rectangle to the right of the cut-off line.





In this example, the k-means clustering method was selected to generate 7 clusters.

2 Display the clusters





View the clusters

The results are presented in the form of a series of rectangles. The vertical length of the rectangles is proportionate to the number of observations in each cluster.



View cluster observations

To view the observations within a cluster, click within the blue cluster rectangle.

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