## Traceis<sup>™</sup> Data Exploration Studio Regression



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



Select the regression tab



# MAKING SENSE OF DATA

1

## Select linear or nonlinear regression

In this example, a linear regression model was selected.

# 2

## Select descriptor and response

In this example, the abdomen(cm) variable was selected as the descriptor and the percent body fat was selected as the response.



#### Select nonlinear transformation

Mathematical transformations to the descriptor, response or both variables can be made for nonlinear regression.



# MAKING SENSE OF DATA

Enter the cross-validation percentage

In this example, a model is to be built using a 10% cross-validation.



1

Enter names for the prediction and residual variables



Display the model



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#### View formula



3

### View original data

A scatterplot of the response versus the descriptor is presented.

View model assessment graphs

4

Save model

Once a model is built, it can be saved and used later applied to a different dataset.

