

# ResultBrowser module - Module for displaying the results of a procedure run

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## Abstract

This document describes the user interface for the ResultBrowser module. It contains some simple examples and screenshots for the users to make using of this module easier.

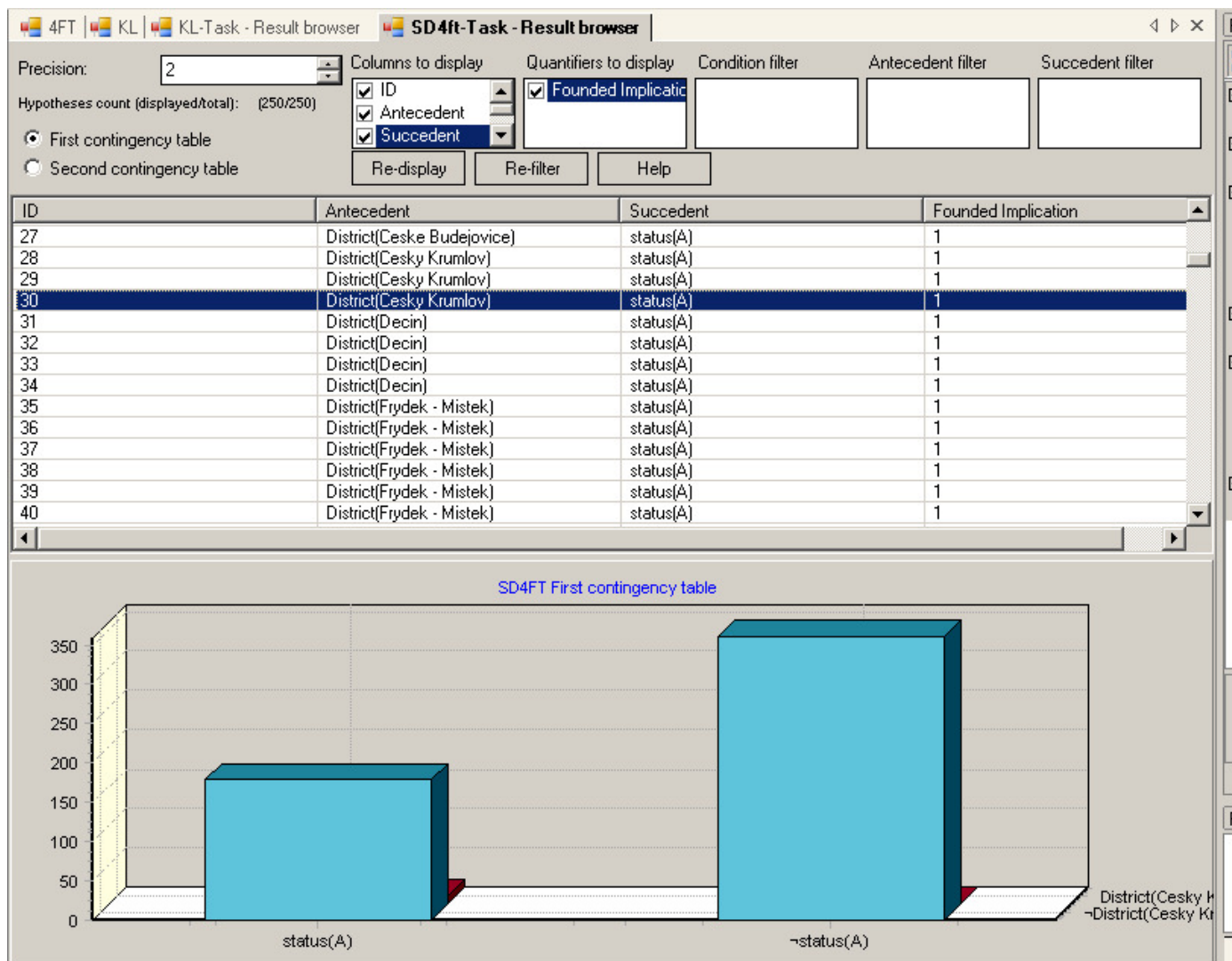
## Introduction

Welcome to ResultBrowser module. This is a module designed for displaying the hypotheses obtained by launching the gen on the prepared task. ResultBrowser enables you to view all the hypotheses data, sort and filter hypotheses and view charts for contingency tables.

## Parts of the user interface

### Main window

Main dialog window contains a list of generated hypotheses. When starting the module, ResultBrowser loads all the hypotheses and quantifiers' values into cache to make further work with the hypotheses quicker. Preloading could take same time, so please be patient until the module starts.



The most important part of the environment is this list of hypotheses. When you click on a particular hypothesis, the graph and details of the hypothesis are displayed. You can sort the hypotheses by clicking on the column header. Adding and removing columns will be described further.

## Tools panel

This panel contains the following tools for working with hypotheses list:

### Precision

This element allows you to choose the number of decimal places for displaying the quantifiers values in the columns and also values in the [property grid](#). In order to change the precision in the list of hypotheses, you need to click on the *Refresh* button.

Precision:

### Hypotheses count

Here the hypotheses count is displayed. Value shows total count of generated hypotheses and displayed number of the generated hypotheses. You can limit the displayed hypotheses using [filters](#).

Hypotheses count (displayed/total): (72/72)

### Columns and quantifiers to display

You can add and remove the columns displayed in the list by determining the columns and quantifiers to display. The *Columns to display* list includes all the parts of the task that can be displayed (antecedent, succedent and condition for 4FT,

row attributes, column attributes and condition for KL, attribute and condition for CF and antecedent, succedent, condition, first set and second set for SD4FT) and ID of the hypothesis. The *Quantifiers to display* includes all the quantifiers connected to the task. Simply select the columns you want to display and then click on the *Refresh* button.

Columns to display

☒ ID

☒ Antecedent

☒ Succedent

Re-display

Re-filter

Help

Quantifiers to display

☒ Founded Implicatic

Contingency table switcher

In this part of the environment (as shown on the picture), you can switch between displaying the first and second contingency tables (available only for SD procedures).

☒ First contingency table

☐ Second contingency table

Filters

Filter allows you to limit the displayed hypotheses by the atoms in antecedent, succedent and condition. The feature is not yet implemented.

Property grid

Property grid is designed to display all of the hypothesis data. It includes contingency tables, quantifiers values and hypothesis data, grouped by appropriate categories. Data for hypothesis is displayed in the property grid when the hypothesis is selected. You can adjust view parameters of the property grid such as width. Separate values can be copied to clipboard from the property grid.

Properties

Antecedent

Antecedent District(Cesky

Applied quantifiers

Founded 1

First contingency table

1. a9

1. b0

1. c180

1. d360

ID

ID 30

Second contingency tabl

2. a0

2. b18

2. c324

2. d891

Succedent

Succedent status(A)

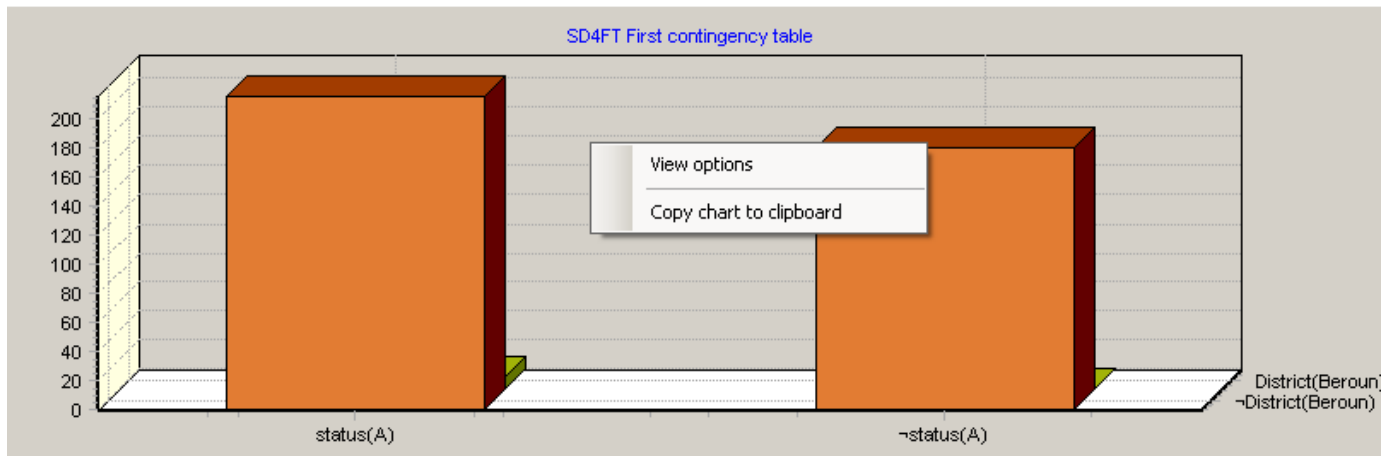
1. a

Number of rows with antecedent AND succedent

Charts

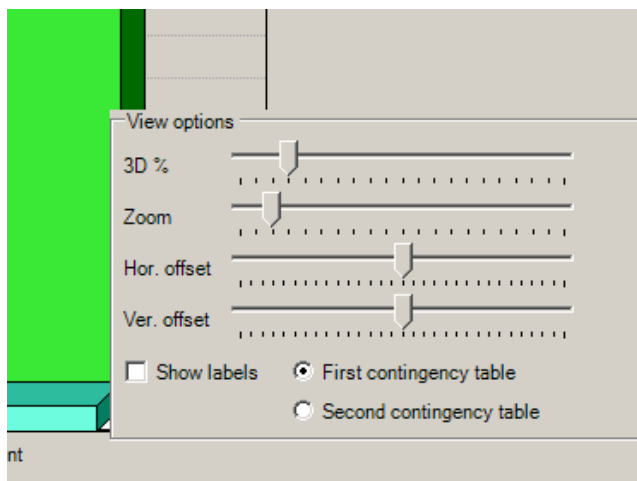
Result browser displays charts representing contingency table data. It is a 3d bar chart. You can adjust the chart by setting up parameters in the chart options menu which is available on the right-click on the chart. You can also copy the chart to the

clipboard as a bitmap using Copy to clipboard option in the right-click menu.



### View options

After toggling the View options in the right-click menu, there appears the following set of options which you can set to adjust the chart view.



- **3D %.** Sets "3D proportion" for viewing the chart. Change this value if there are too many bars on the chart which overlap each other
- **Zoom.** Zooms the chart view in and out
- **Horizontal offset.** Moves the chart horizontally
- **Vertical offset.** Moves the chart vertically
- **Show labels.** Toggles showing labels with values on each bar
- **First vs. second contingency table.** This switch toggles displaying the chart between the first and the second contingency tables. After changing this option you should reload the hypothesis (simply click on the desired one). Please note that second contingency table is available only for SD type tasks. If you select second contingency table for tasks which do not generate it, an empty chart will be displayed.