

**S-2-D**

**v1.55.0711**

**Quick Start**

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## **S-2-D Application**

S-2-D is a tool that made converting SPSS data files (.sav) into NIPO DIANA script files (.var and .job) easier and faster.

Use of S-2-D application is very easy and intuitive. Its main advantage is a fact that it needs no SPSS installed to function properly.

When SPSS data file is loaded, you have to assign listed variables according to question type (single-choice, multi-choice, range with a mean, text, etc.) then the application by itself will generate NIPO DIANA script files.

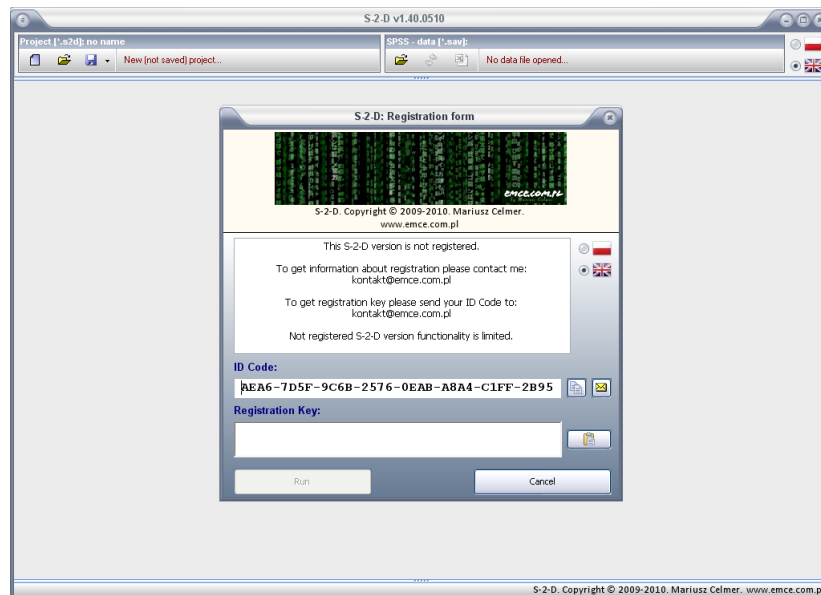
The better labeled SPSS data file (IDs, variable and value labels), the more complete variables script file (.var) will be generated.

In addition, in application directly you can watch the frequencies of selected variable, as well as very quickly you can test the value range (min/max) of all variables.

Directly from application you can convert SPSS data file into Fixed ASCII format and export variables and values lists to Excel format (.xls).

## Demo version

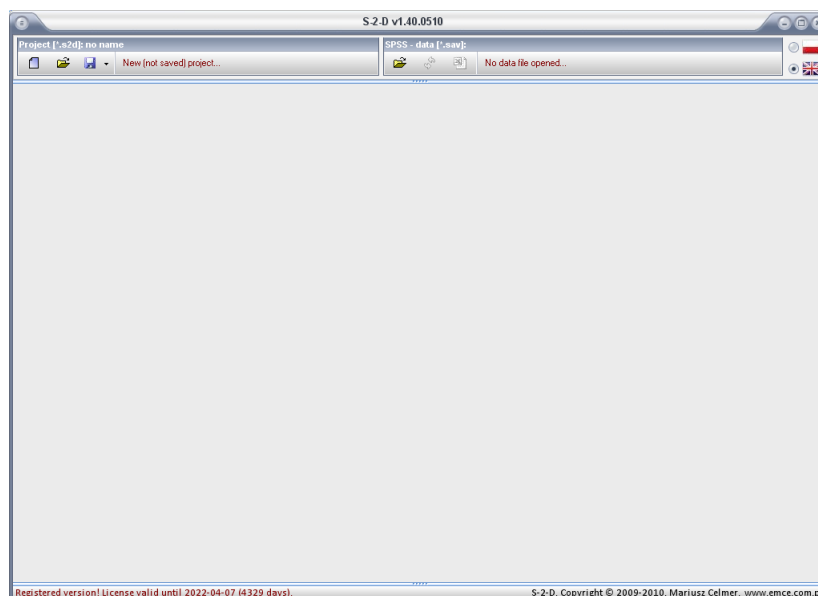
Demo version (not registered) allows to use all of application functionalities with restriction to randomly selected 50% of data file variables. On every run a registration form will appear including all information necessary to process registration of S-2-D.



By clicking 'Cancel' button you proceed to demo version.

## Full version (registered)

Full version (registered) allows to use all data file variables, until license expiration date. Expired license application will work in demo version.



--Expiration date you can check in bottom-left corner of application.

Top-Left panel is a project panel. Available commands are to create, to load and to save projects.



Top-Right panel is a SPSS data file panel. Available commands are to load, convert to Fixed ASCII (.dat) and to export variables and values lists to Excel.

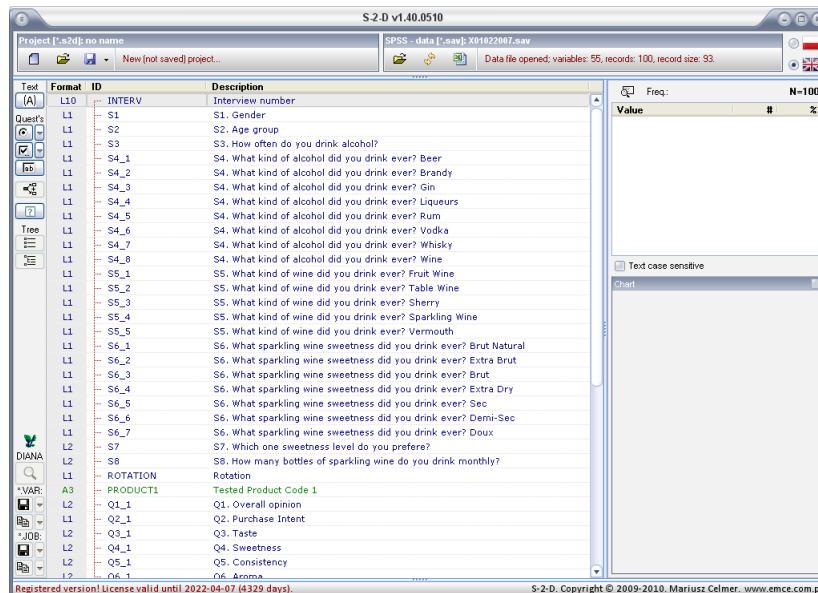


The flags on the right side allow to change application language.

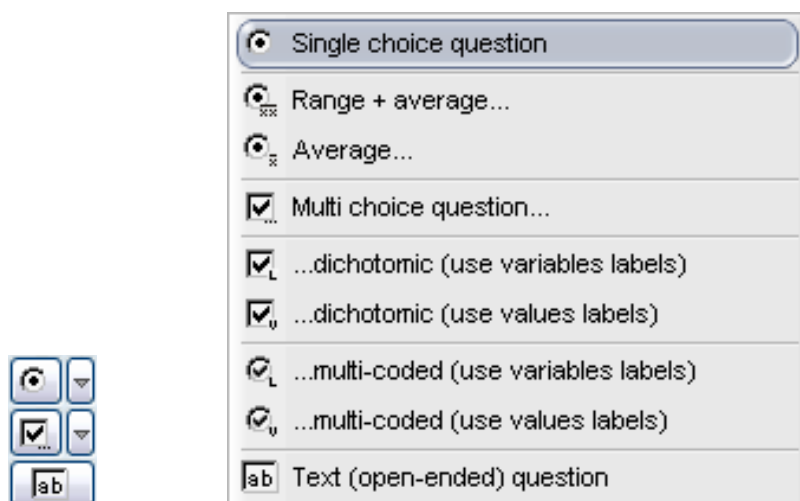


## SPSS data file loaded view

While SPSS data file is loaded, question edition panel will appear:



Now you can begin to group variables into questions. You have to select one or a few variables and group them into proper question type by using panel on the left or right click context menu of variables tree.



## Types of questions

At now in application you can define types of questions as follow:

- single-choice question,
- multi-choice dichotomic question (i.e.: 0-1, 1-2),
- multi-choice multi-coded question (i.e.: 1-30, 1-150;997),
- range with average question,
- average question,
- text (open-ended) question.

Variables assign to question type depends only on user own decision.

While defining multi-choice, range with average and average questions, in the dialog, DIANA format question definition preview is visible.

## Single-choice question

Defining of single-choice question do not need to use any additional dialog. If you select  $n$  variables and assign them to single-choice question then you gain  $n$  single-choice questions.

\*S3 13 : S3. How often do you drink alcohol?

1: once a week or more often

2: 2-3 times a month

3: once a month

4: once a 2-3 months

5: less than once a quarter

6: never

## Text (open-ended question)

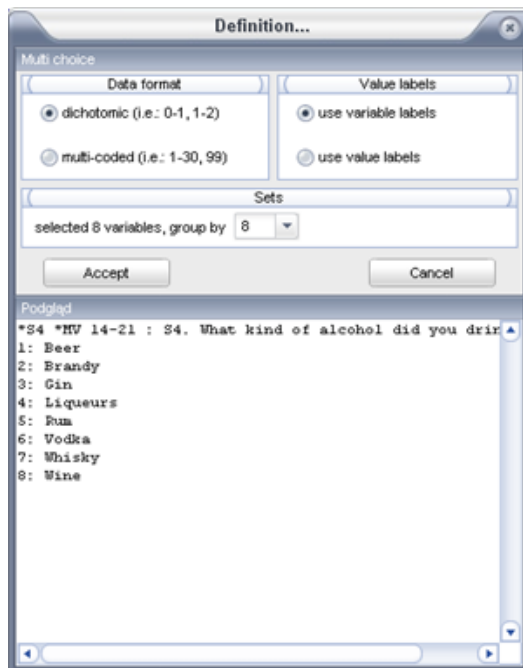
As it is for single-choice question, the same for text questions – you no need any additional dialog as well. If you select  $n$  variables and assign them to text question then you gain  $n$  text questions.

\*PRODUCT1 \*TEK 39L3 : Tested Product Code 1



## Multi-choice dichotomic question

To be sure you define multi-choice question correctly, we advice to use the dialog, where you can easily change the question type and select the source of cafeteria and see the result in the preview window in the same time.

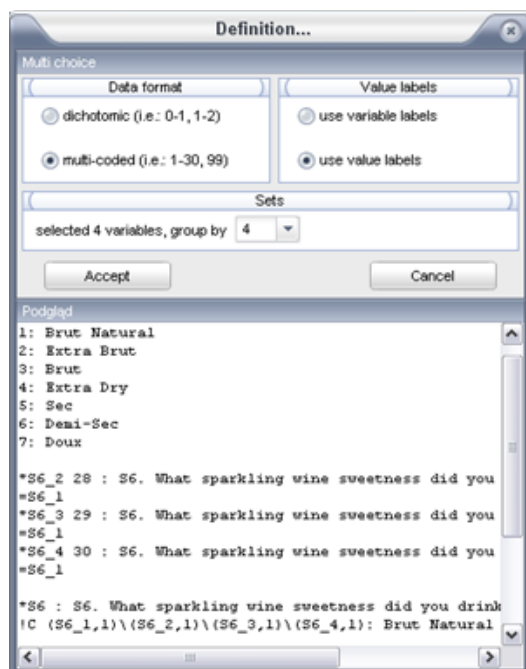


Multi-choice dichotomic question in DIANA counts code 1 only. That's why you can use it only to questions coded like: 0 - 1, 1 (yes) - 2 (no), etc.

\*S4 \*MV 14-21 : S4. What kind of alcohol did you drink ever?

- 1: Beer
- 2: Brandy
- 3: Gin
- 4: Liqueurs
- 5: Rum
- 6: Vodka
- 7: Whisky
- 8: Wine

## Multi-choice multi-coded question



Multi-choice multi-coded question in DIANA is a combination of a few single-choice questions and one merging question. This definition you can use to questions coded on any multi-coded value list, where, every code may be coded at any position, like recoded open-ended questions.

\*S6\_1 27 : S6. What sparkling wine sweetness did you drink ever?

- 1: Brut Natural
- 2: Extra Brut
- 3: Brut
- 4: Extra Dry
- 5: Sec
- 6: Demi-Sec
- 7: Doux

\*S6\_2 28 : S6. What sparkling wine sweetness did you drink ever?

=S6\_1

\*S6\_3 29 : S6. What sparkling wine sweetness did you drink ever?

=S6\_1

\*S6\_4 30 : S6. What sparkling wine sweetness did you drink ever?

=S6\_1

\*S6 : S6. What sparkling wine sweetness did you drink ever?

!C (S6\_1,1)\(S6\_2,1)\(S6\_3,1)\(S6\_4,1): Brut Natural

!C (S6\_1,2)\(S6\_2,2)\(S6\_3,2)\(S6\_4,2): Extra Brut

!C (S6\_1,3)\(S6\_2,3)\(S6\_3,3)\(S6\_4,3): Brut

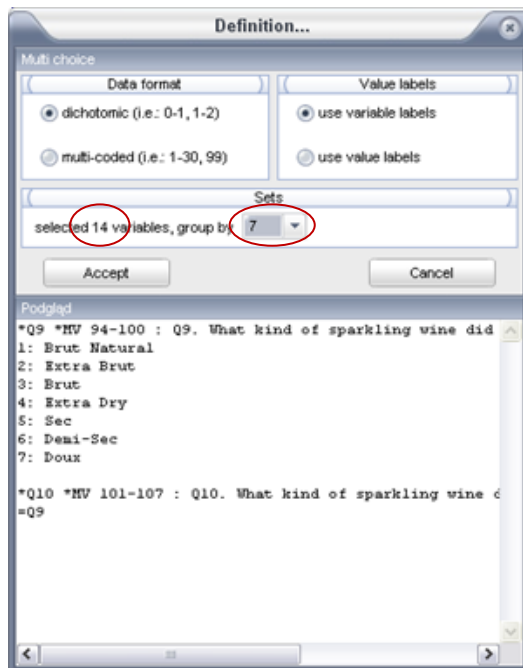
!C (S6\_1,4)\(S6\_2,4)\(S6\_3,4)\(S6\_4,4): Extra Dry

!C (S6\_1,5)\(S6\_2,5)\(S6\_3,5)\(S6\_4,5): Sec

!C (S6\_1,6)\(S6\_2,6)\(S6\_3,6)\(S6\_4,6): Demi-Sec

!C (S6\_1,7)\(S6\_2,7)\(S6\_3,7)\(S6\_4,7): Doux

## Multi-choice questions sets



Multi-choice questions sets are very useful while you have a few multi-choice questions using same cafeteria. Then you can select all the variables for all questions and separate them directly in multi-choice question definition dialog by Sets settings.

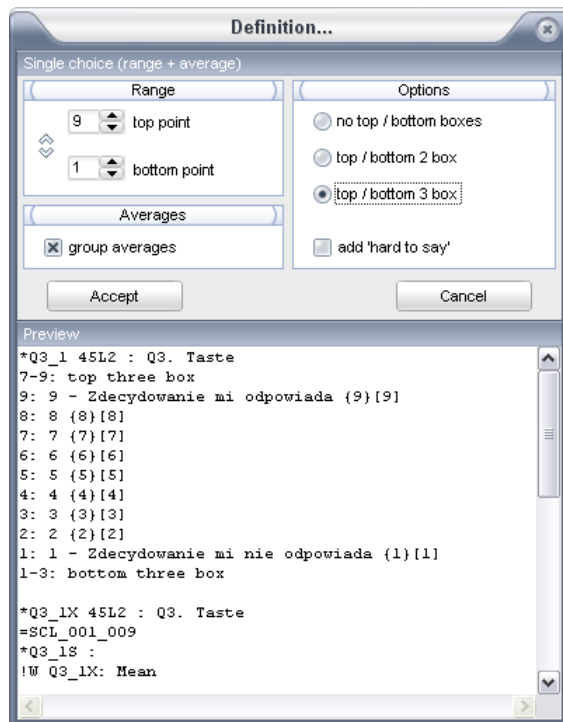
In example on the left side we have selected 14 variables and we split them into 2 sets (by 7 items). So, in result we get 2 separate multi-choice questions.

\*Q9 \*MV 94-100 : Q9. What kind of sparkling wine did you bought during last month?

- 1: Brut Natural
- 2: Extra Brut
- 3: Brut
- 4: Extra Dry
- 5: Sec
- 6: Demi-Sec
- 7: Doux

\*Q10 \*MV 101-107 : Q10. What kind of sparkling wine did you bought during last 3 months?  
=Q9

## Range with average question



Range with average question is automatically defined with a few technical variables. In the dialog you can also set the Top/Bottom box option, group values out of range into 'hard to say' and group all selected questions averages.

```

*Q3_1 43L2 : Q3. Taste
7-9: top three box
9: 9 - Zdecydowanie mi odpowiada {9}[9]
8: 8 {8}[8]
7: 7 {7}[7]
6: 6 {6}[6]
5: 5 {5}[5]
4: 4 {4}[4]
3: 3 {3}[3]
2: 2 {2}[2]
1: 1 - Zdecydowanie mi nie odpowiada {1}[1]
1-3: bottom three box

```

```

*Q3_1X 43L2 : Q3. Taste
=SCL_001_009
*Q3_1S :
!W Q3_1X: Mean

```

```

*Q4_1 45L2 : Q4. Sweetness
=Q3_1

```

```

*Q4_1X 45L2 : Q4. Sweetness
=SCL_001_009
*Q4_1S :
!W Q4_1X: Mean

```

```

*Q5_1 47L2 : Q5. Consistency
=Q3_1

```

```

*Q5_1X 47L2 : Q5. Consistency
=SCL_001_009
*Q5_1S :
!W Q5_1X: Mean

```

```

*Q :
!W Q3_1X: Q3. Taste
!W Q4_1X: Q4. Sweetness
!W Q5_1X: Q5. Consistency

```

## Average question

Definition...

Single choice (average)

Range

1 lower bound

60 upper bound

Accept

Cancel

Fraction (forced)

0

00

Podgląd

```
*S8 36L2 : S8. How many bottles of sparkling wine do  
FI (S8 >= 1)&(S8 <= 60)  
%S8: average
```

Defining average question needs the user to specify values range of which average will be counted.

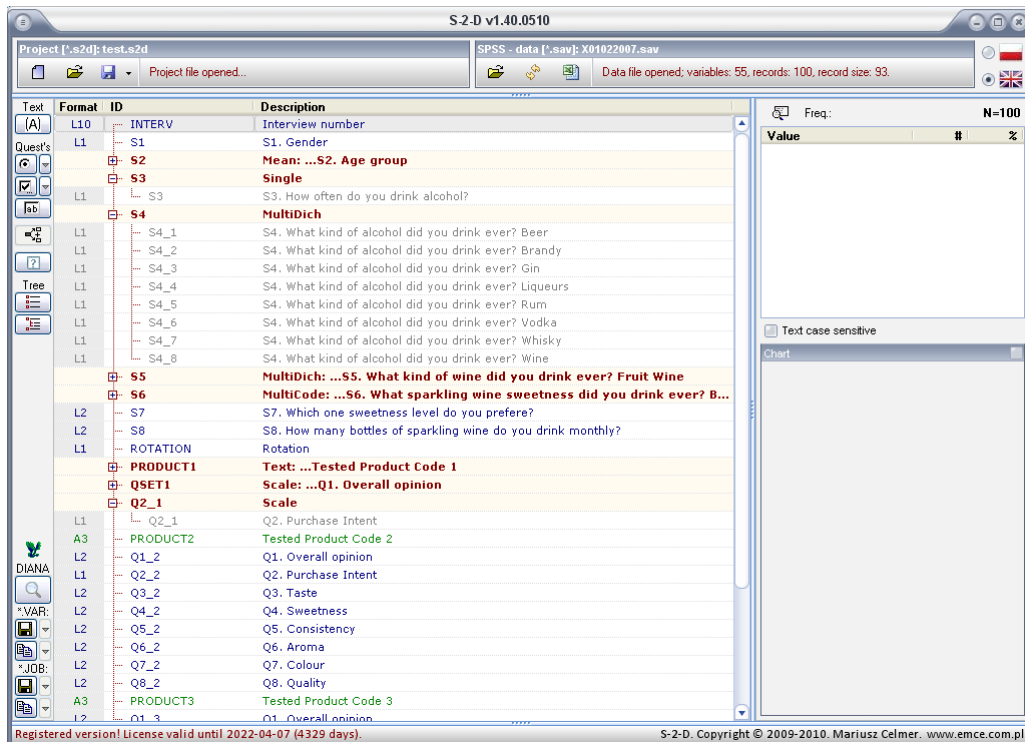
\*S8 36L2 : S8. How many bottles of sparkling wine do you drink monthly?

FI (S8 >= 1)&(S8 <= 60)

%S8: średnia

## Variables / questions tree

Example of variables tree with a few of defined questions:

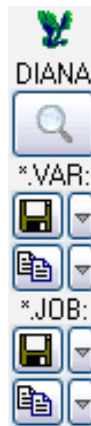


Colors mean as follow:

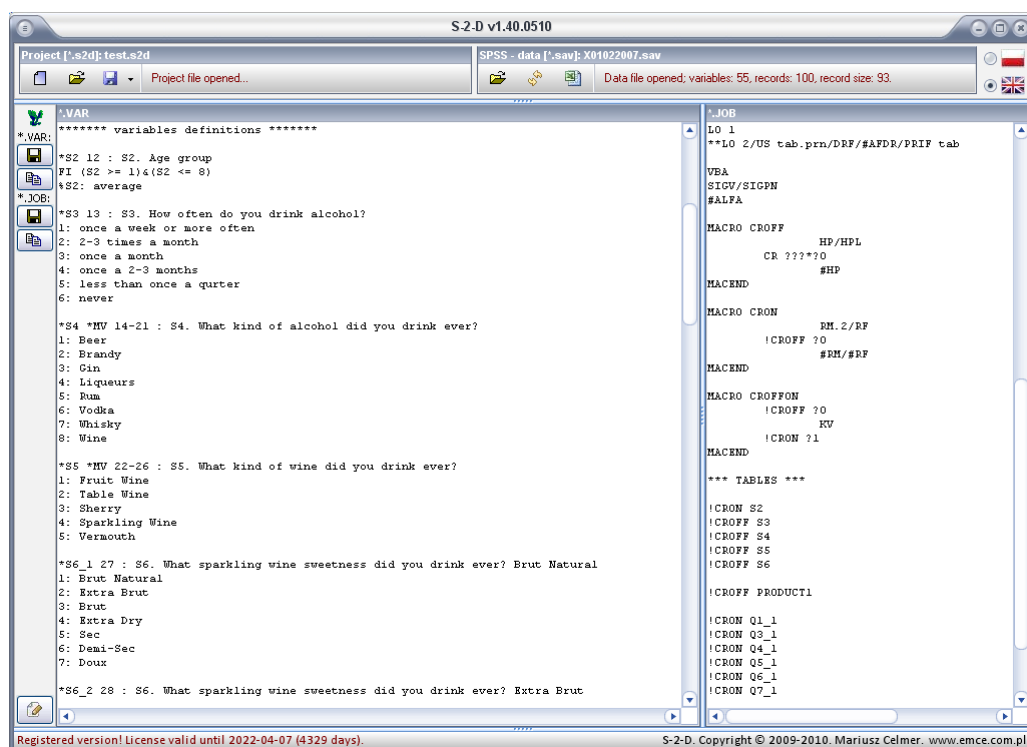
- Blue free, not assigned variables
- Green free, not assigned text variables
- Red defined questions
- Grey assigned variables

## DIANA files preview and export

To preview, save or copy to clipboard DIANA scripts you have to use the left-bottom panel:

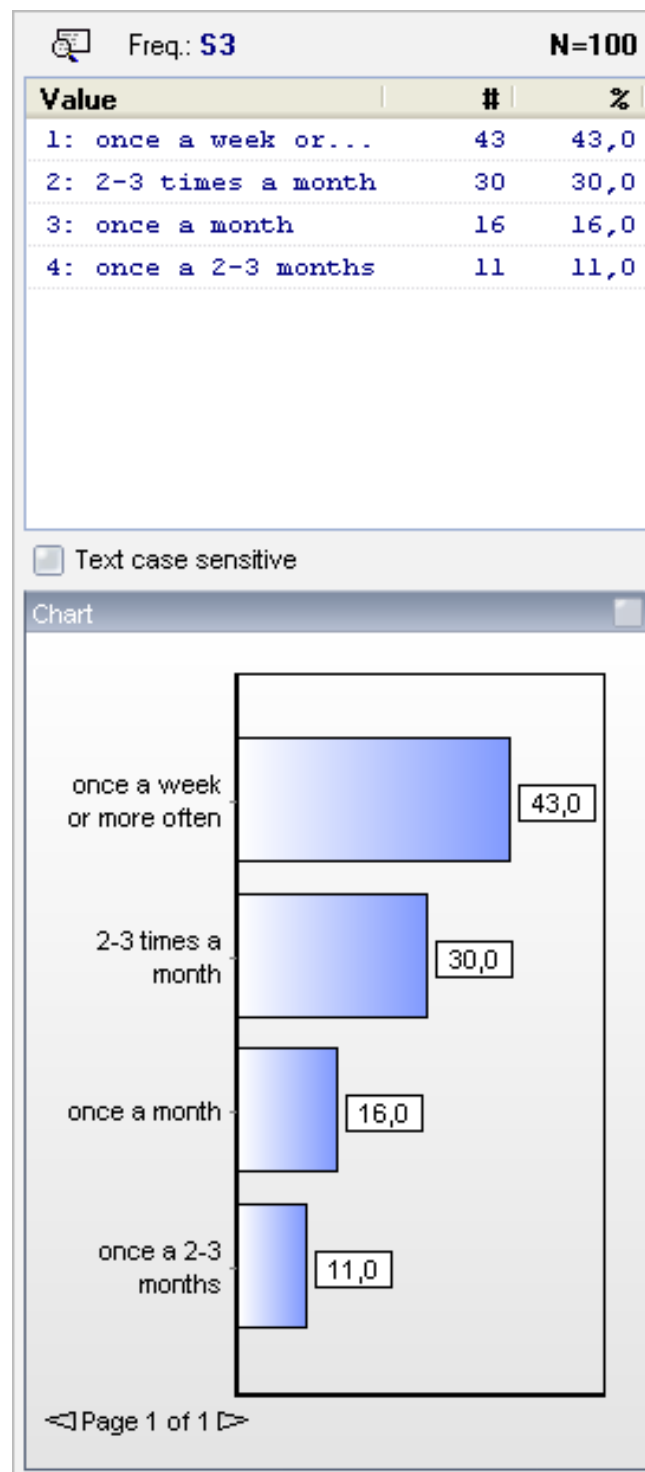


Example of DIANA script files preview:




## Frequencies

While variable is selected you can get its frequencies by pressing Space button.

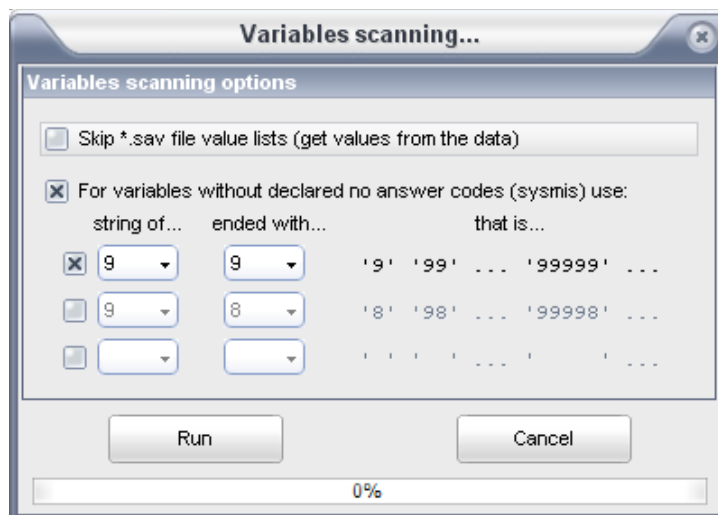




## Variables scanning (Min/Max values)

It is very helpful to know the value range of the variables, before you start to assign them. To scan the variables values you have to click button  (you will find it on the left panel).

The small dialog window will appear:



After variables scanning, new columns to the variables tree will be added:

Min	Max	Format	ID	Opis
1	144	L10	INTERV	Interview number
1	2	L1	S1	S1. Gender
1	5	L1	S2	S2. Age group
1	6	L1	S3	S3. How often do you drink alcohol?
0	1	L1	S4_1	S4.01. Beer
0	1	L1	S4_2	S4.02. Brandy
0	1	L1	S4_3	S4.03. Gin

If you checked 'Skip \*.sav file value lists (get values from the data)' in the dialog, the Min/Max values may be colored red. It means that the Min/Max values got directly from the data differs to value list from \*.sav file (if defined).

Min	Max	Format	ID	Opis
1	144	L10	INTERV	Interview number
1	2	L1	S1	S1. Gender
2	3	L1	S2	S2. Age group
1	4	L1	S3	S3. How often do you drink alcohol?

## Version history

### V1.40.0510:

- multi-choice question definition dialog,
- question definition preview in dialog,
- DIANA files preview,
- variable and value lists export to Excel,
- other minor improvements and corrections.

### V1.50.0111:

- multi-choice questions by group definition (dialog option),
- files operation progress.

### V1.55.0711:

- support for data files in UTF format.

Please be so kind to share with me any proposition of further development or modification of S-2-D application functionality. Please contact at:

[kontakt@emce.com.pl](mailto:kontakt@emce.com.pl)

I wish you a good time with S-2-D!