

# Blaise 5 in SHARE



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# CentERdata activities

## Survey research

Online surveys  
Experiments  
Data Dissemination  
Hostings



## Data Science

Machine learning  
Deep learning  
Text analytics  
Data maturity  
Data visualisation



## ICT

Software development  
Dashboards  
Tools for international CAPI Studies

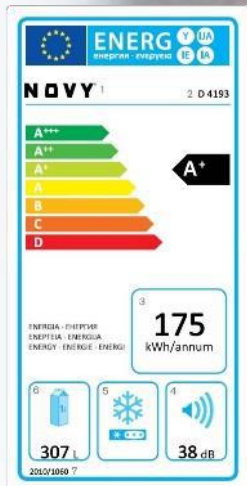


## Quantitative analysis

Policy and behavioral research

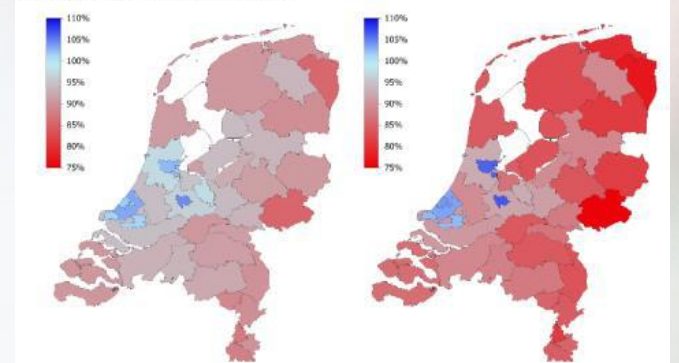
## Consumer research

Consumer and behavioral research



CentERdata  
Institute for data collection and research

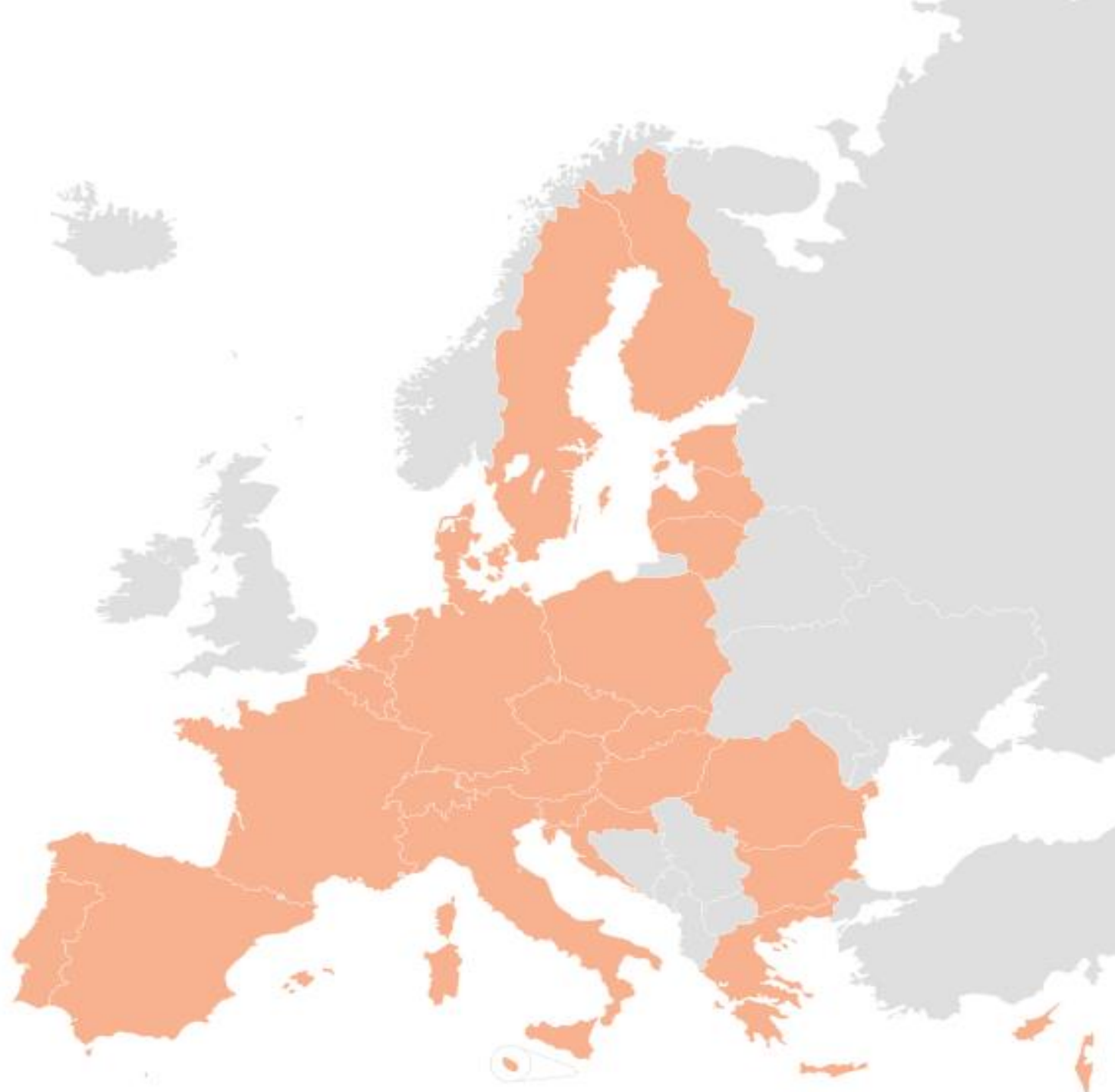
Figuur 12: Groei/krimp van het aantal leerlingen in het vo naar rpa in 2022 (links) en 2027 (rechts) ten opzichte van 2017.





## Survey of Health, Ageing and Retirement in Europe

**“The Survey of Health, Ageing and Retirement in Europe (SHARE) is a multidisciplinary and cross-national panel database of micro data on health, socio-economic status and social and family networks of about 140,000 individuals aged 50 or older (around 380,000 interviews). SHARE covers 27 European countries and Israel.”**





# SHARE

- **Longitudinal**
  - Every 2 year same people + refreshers
- **Ex-ante harmonised**
  - All countries same questions
  - All countries same software
  - All countries same schedule
- **Cross-national**
  - Wave 8 in 28 countries

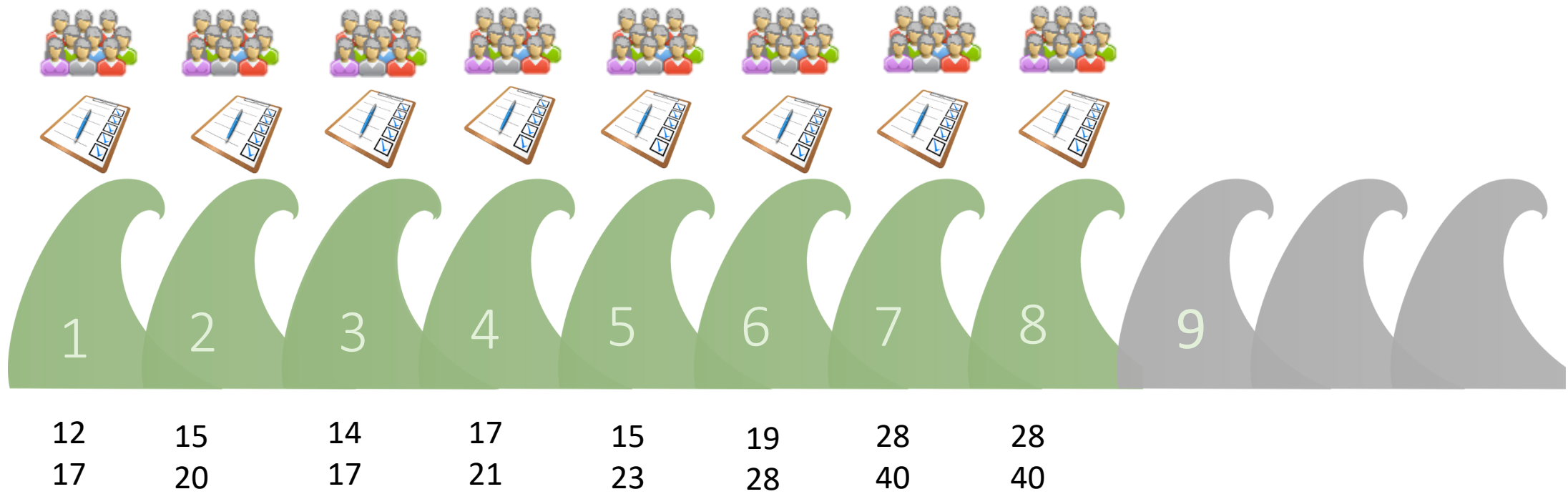


# Themes

Chair stand  
Household income  
Housing  
Expectations  
Assets  
Behavioral risk  
End of life interview  
Health care  
Mental health  
Walking speed  
Consumption  
Accommodation  
Time use  
Social network  
Blood spots  
Employment and pensions  
Computer use  
Linking  
Social support  
Cognitive functioning  
Peak flow  
• Interviewer  
Financial transfers  
Grip strength  
Children  
Demographics and networks  
Physical health



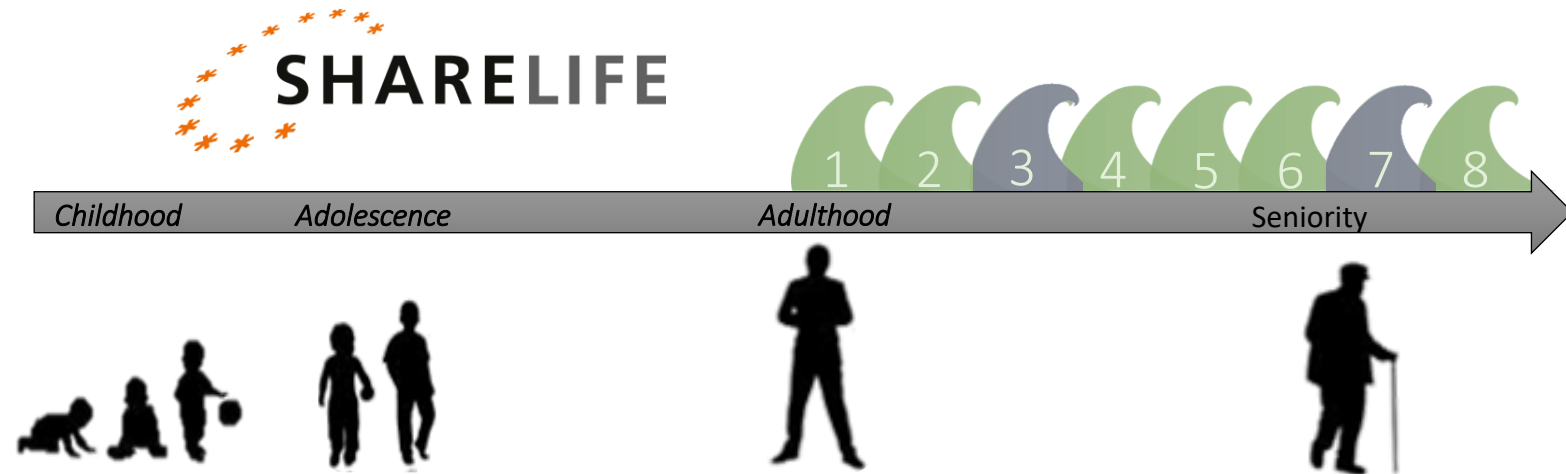
# „Waves“





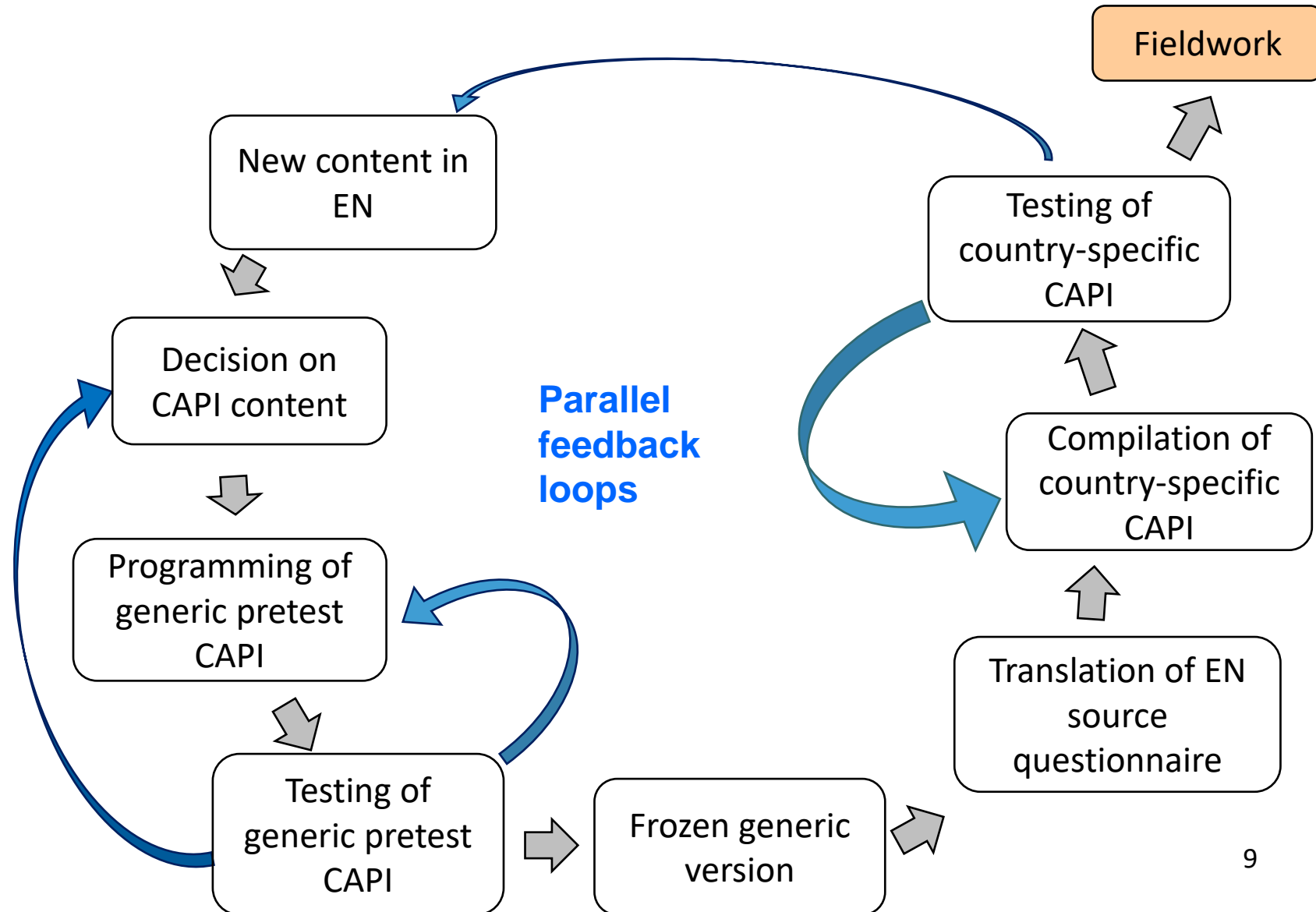
# Special waves 3 and 7

## Life History Calendar





# CAPI development





# Issue tracking

Home My page Projects Administration Help Logged in as maurice My account Sign out

SHARE > CAPI/QUESTIONNAIRE > **WAVE 9 CAPI** Search:  Wave 9 CAPI

+ Overview Activity Roadmap **Issues** Calendar Documents Files Settings

## Issues + New issue

Filters  Status

Options

<input type="checkbox"/>	# <input type="button" value="v"/>	Tracker	Status	Priority	Subject	Assignee	Category	Target version	Estimated time	% Done	\$
<input type="checkbox"/>	17570	Support	New	Normal	Wave 7 CAPI data: re-naming of variables	Marika de Bruijne				<div style="width: 0%;"></div>	0
<input type="checkbox"/>	17535	Bug	Resolved	Normal	TE057 layout	Marika de Bruijne		SHARE - Share wave 9 sprint 10		<div style="width: 100%;"></div>	0
<input type="checkbox"/>	17533	Task	Resolved	Normal	release instrument 9.1.2	Afife Yasemin Yilmaz		SHARE - Share wave 9 sprint 9		<div style="width: 100%;"></div>	0
<input type="checkbox"/>	17524	Support	Resolved	Normal	HCAP: Programming Informant	Afife Yasemin Yilmaz	HCAP informant	SHARE - Share wave 9 sprint 9		<div style="width: 100%;"></div>	0

Issues

[View all issues](#)

[Summary](#)

[Import](#)

My custom queries

[My Active SHARE issues](#)

Custom queries

[All open](#)

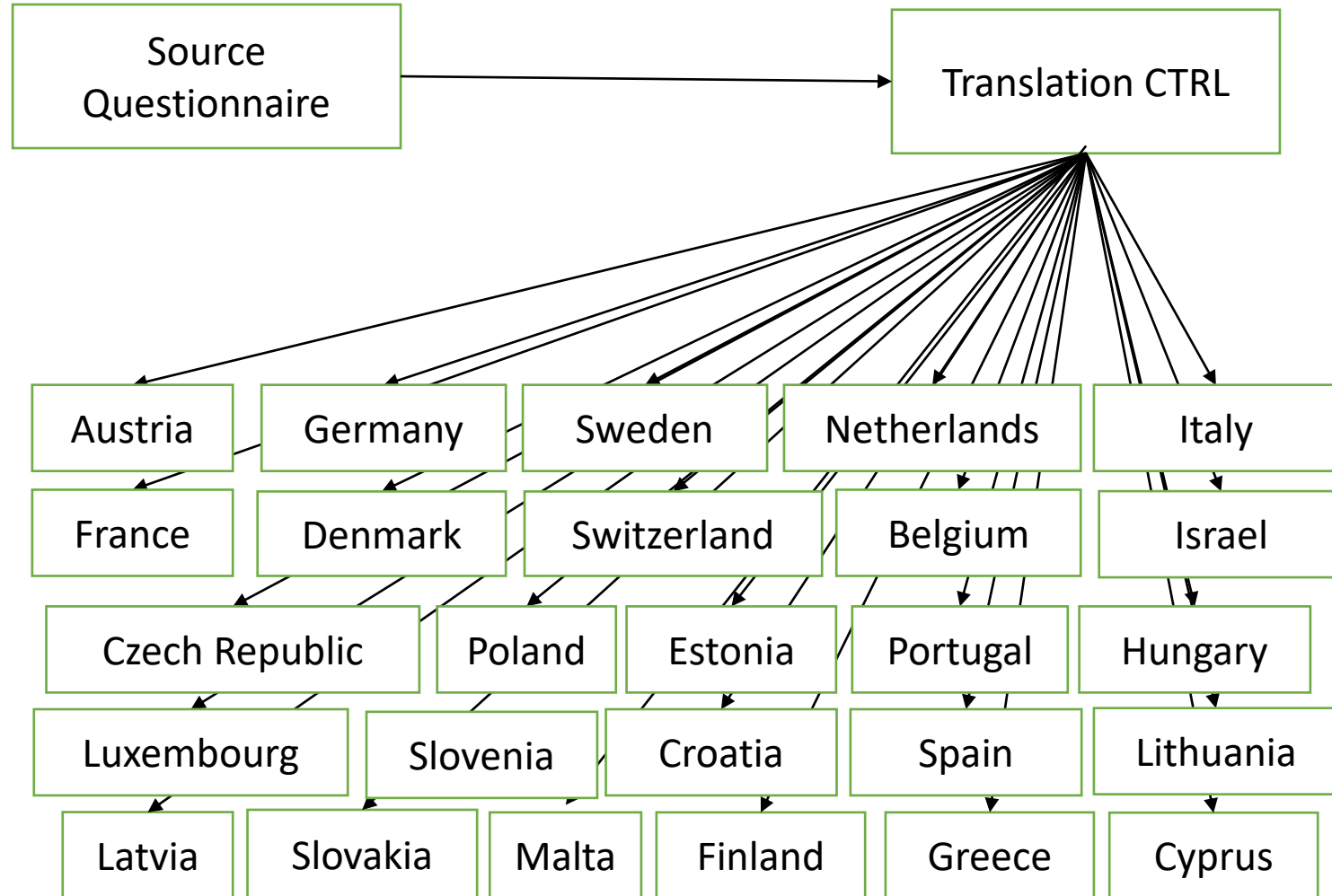
[DESCCCTMT\\_SPRINTBacklog previous sprints](#)

[DESCCCTMT\\_SPRINTBacklog sprint 8](#)

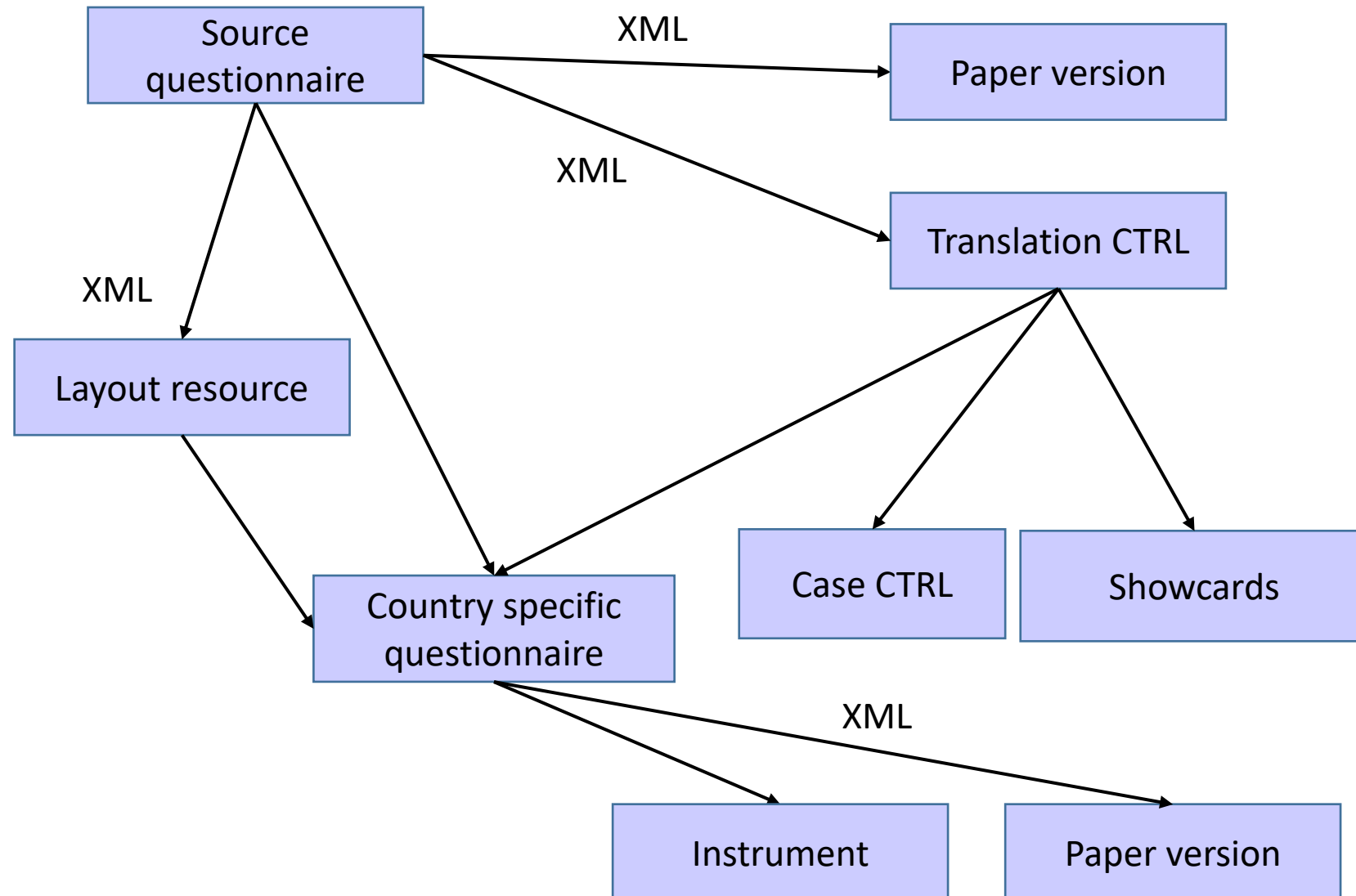
[SAissues\\_toMEA](#)



# Translation



# Country specific instruments





TMT : SHARE

https://share.tmt.centerdata.nl/index.php?index.php

Aan de slag https://www01.center...

logged in as Admin Admin | Account | Help | Logout | SHARE


Admin menu

### Your assignments (298)

Search

- CentERdatanese (CentERdata)
- SHAREw8 41**
- English (Generic)
- German (Austria)
- German (Germany)
- Swedish (Sweden)
- Dutch (Netherlands)
- Spanish (Spain)
- Italian (Italy)
- French (France)
- Danish (Denmark)

## Welcome to TranslationCTRL for SHARE



News posts

Your notifications

You have no unread notifications

Manage notifications

User activity last hour (1)

last hour today last week last 30 days

Admin Admin @init [view now](#)

https://share.tmt.centerdata.nl/index.php?goto=Dashboard&action=TranslationOverview&questionnaire\_id=8&translation\_id=2&id=753



TMT : SHARE

https://share.tmt.centerdata.nl/index.php?index.php

Aan de slag https://www01.center...

logged in as Admin Admin | Account | Help | Logout | SHARE

SHAREw8 Translations Modules Status Navigate

Search Actions Export

### Section\_DN1

**DN043\_BirthConf (type:1, id: 5939)**

Can I just confirm? You were born in \*FLMonthFill \*FLYearFill?

1 Yes 5 No

Nur nochmal zur Bestätigung: Sie wurden im \*FLMonthFill \*FLYearFill geboren?

1 Ja 5 Nein

**DN802\_INTRObirth (type:1, id: 5940)**

In which **month** and year were you born?

1 Continue

In welchem **Monat** und Jahr wurden Sie geboren?

Gegevens overbrengen van share.tmt.centerdata.nl...



TMT : SHARE

https://share.tmt.centerdata.nl/index.php?goto=export&mode=export;-blaise5

Aan de slag https://www01.center...

logged in as Admin Admin | Account | Help | Logout | SHARE

Admin menu

< Back **Blaise 5**

SHAREw8 exporter to Blaise6

The Blaise Export for SHAREw8

- directory **resource** found
- directory **ControlStyles** found
- directory **EmbeddedFonts** found
- directory **FieldReferences** found
- directory **FontDefinitions** found
- directory **FunctionDeclarations** found
- directory **Languages** found
- directory **Media** found
- directory **Audio** found
- directory **Documents** found
- directory **Images** found
- directory **Video** found
- directory **ResourceSets** found
- directory **Large** found
- directory **FontDefinitions** found
- directory **Media** found
- directory **Audio** found
- directory **Documents** found
- directory **Images** found
- directory **Video** found
- directory **Templates** found
- directory **AbortPageTemplates** found
- directory **CategoryColumnHeaderTemplates** found
- directory **CategoryTemplates** found
- directory **ColumnHeaderTemplates** found



File | Home | Share | View

Clipboard: Pin to Quick access, Copy, Paste, Cut, Copy path, Paste shortcut

Organize: Move to, Copy to, Delete, Rename


New: New folder, New item, Easy access

Open: Properties, Open, Edit, History

Select: Select all, Select none, Invert selection

← → ↑ ↓ This PC > DATA (D:) > share > questionnaire-w8-main > countries > de\_CH Search de\_CH

Name	Date modified	Type	Size
fieldwork_case_ctrl	9/14/2020 10:14 AM	File folder	
resource	9/14/2020 10:14 AM	File folder	
source	9/14/2020 10:14 AM	File folder	
build_resource_db.bat	9/14/2020 10:14 AM	Windows Batch File	1 KB
compile.bat	9/14/2020 10:14 AM	Windows Batch File	1 KB
generate.bat	9/14/2020 10:14 AM	Windows Batch File	1 KB
tmt_export_info.txt	9/14/2020 10:14 AM	Text Document	1 KB



generate.bat - Notepad

File Edit Format View Help

```
"C:\Program Files (x86)\StatNeth\Blaise5\Bin\GenerateResourceDatabase.exe" resource source\SHAREw8.blrd  
"C:\Program Files (x86)\StatNeth\Blaise5\Bin\InstrumentBuilder.exe" -F:source\SHAREw8_de_CH.bsol  
"C:\Program Files (x86)\StatNeth\Blaise5\Bin\MetaViewer.exe" -export -F:D:\share\questionnaire-w8-fire\countries\de_CH\source  
\SHAREw8_de_CH.bmix  
pause  
|
```



Case CTRL SHARE W8 (8.2.5) SHARE

View Search & Filter options View Cases Collapsed

**TT-000403-A** van Gogh ▶  
 Outcome: Not contacted yet  
 Last contact

🏠 van Gogh Biesheuvelaan 16 137 HS Tilburg (5033-822298 988-456-3480) (0303030002)  
 🏷️ TT-000403-01  
 Stephanie Warmol

**TT-000406-A** van der Wielen New  
 Outcome: Not contacted yet  
 Last contact

🏠 van der Wielen Schmitstraat 76 MB Tilburg (7182-826706 719-718-7293)  
 🏷️ TT-000406-01 Jenny 🏷️ TT-000406-02 Roland  
 Barnes Banks

**TT-000409-A** van Gogh New  
 Outcome: Not contacted yet  
 Last contact

🏠 van Gogh Biesheuvelaan 138 HS Tilburg (5033-822298 988-456-3481)  
 🏷️ TT-000409-01 Emma 🏷️ TT-000409-03 Toby 🏷️ TT-000409-02 Jack  
 Nanni Nanni Nanni

**TT-000410-A** van der Wielen New  
 Outcome: Not contacted yet  
 Last contact

📅 ⚙️



Some time ago we sent you an invitation letter which also included a data protection statement. I will now give you this statement again and will be pleased to answer any question that you may have.

Let me stress that participating in this interview is voluntary and that the information is kept confidential. Your answers will be used only for research purposes in different analyses, without the individual researcher knowing your identity. If we should come to any question you don't want to answer, just let me know and I will go on to the next question.

Do you agree to participate in this study?

*Hand out the statement to R. Answer all questions of the R.*

- 1. Data protection statement has been provided; Respondent has consented to participate.
- 2. Data protection statement has been provided; Respondent has refused to participate. No interview possible.

Select a value





# Some selected challenges

- Keyboard navigation
  - Children table
  - Wordlist
  - JobCoder
- 
- Aim to find a solution within the system
  - Currently v5.7



# Keyboard navigation

SHARE w8 - 50+ in Europe - Version 8.2.5 - TT-001335-01-1

SHARE  
SURVEY OF HEALTH, AGEING  
AND RETIREMENT IN EUROPE  
50+ IN EUROPE

Sec\_SN.SN\_Roster[1].SN005\_NetworkRelationship

What is test's relationship to you?  
*Prompt if needed: so this person is your...*

- 1. Spouse/Partner
- 2. Mother
- 3. Father
- 4. Mother-in-law
- 5. Father-in-law
- 6. Stepmother
- 7. Stepfather
- 8. Brother
- 9. Sister
- 10. Child
- 11. Step-child/your current partner's child
- 12. Son-in-law
- 13. Daughter-in-law
- 14. Grandchild
- 15. Grandparent
- 16. Aunt
- 17. Uncle
- 18. Niece
- 19. Nephew
- 20. Other relative
- 21. Friend
- 22. (Ex-)colleague/co-worker
- 23. Neighbour
- 24. Ex-spouse/partner
- 25. Minister, priest, or other clergy
- 26. Therapist or other professional helper
- 27. Housekeeper/Home health care provider
- 96. None of these
- Don't know
- Rather not answer

Select a value

◀ ▶



# Children table

- Validate children and their properties from preload, social network, an new ones
- Want questionnaire flow that allows the interviewer to read out with 'natural flow', so no grid.

# Children table

SHARE w8 - 50+ in Europe - Version 8.2.5 - TT-000922-01-1

SHARE  
SURVEY OF THE WELL-BEING AND RETIREMENT IN EUROPE


Sec\_CH.CH201\_ChildByINTRO

I will read a list of all children we have talked about today or in a previous interview.  
Some of your children may be listed twice in this list, others may be missing or we may have missing or wrong information for some children.

I would like to go through this list with you and make sure we have complete and correct information for all natural children, fostered, adopted and stepchildren. We are interested in children that are still alive.

1. Continue

Select a value





# Children table

SHAREw9 - Blaise Control Centre

File Home Layout Configuration Development Help

Master Pages Page Operations Critical Fields Management Styles Layout Data Sources Map Validate Synchronize layout to source

Start Page SHAREw9\_EX.TXT.incx SHAREw9\_CF.incx SHAREw9\_blox.x SHAREw9\_TYPES.incx SHAREw9\_DEFAULTTYPES.incx SHAREw9\_M.incx

Pages Structure Custom Pages

Page 184

Sec\_CH (Groupable, cont'd)

CH201\_ChildByEnum (Groupable)

Child[1] (Groupable)

CH001a\_ChildCheck

CH004\_FirstNameOfChild

CH005\_SexOfChildN

CH006\_YearOfBirthChildN

Page 185

Sec\_CH (Groupable, cont'd)

CH201\_ChildByEnum (Groupable, cont'd)

Child[1] (Groupable, cont'd)

CH505\_WhichChildMentionedEarlier

SHARE

Do you have ^gp0? **^Children\_table**

Again, please think of all natural children, fostered, adopted and stepchildren ^gp1 ^gp2:

^gp3

Yes  No

^gp4 ^gp7

^gp5 ^gp8

^gp6 ^gp9

Select a value

^gp10

What is the ^gp11 first name of ^gp12 child?

Please enter/confirm first name.

Preview Code

Page 184 of 2773 Group = Sec\_CH Window 1024 \* 768 Render mode Preview only

Source Meta Settings Layout

Errors

Type	Message	Page	RouteItem	Template	Control
Layout Validation					
Accessibility Validation					

Errors Output References List

Services | Version: 5.1.11.2048 | Developer



# Children table

```
FOR cnt := 1 to 20 DO
```

```
  IF (NOT(Preload.PreloadedChildren[cnt].Kidcom=EMPTY)) THEN
```

```
    getNameLabel(cnt, Preload.PreloadedChildren[cnt].Name, Preload.PreloadedChildren[cnt].Gender,  
Preload.PreloadedChildren[cnt].Year, ChildLabel)
```

```
    Children_table_row[cnt]:='<br><button text='\<black\>'+ChildLabel+'\' background=LightGrey  
width=200 OnClick="{Action  
GotoField('\Sec_CH.CH201_ChildByEnum.Child['+STR(cnt)+'].CH001a_ChildCheck\')}"'>
```

```
      sn_start := cnt
```

```
    ELSEIF ((Sec_SN.SN906_ChildInSocialNetwork > 0) AND (Sec_SN.SN_Child[cnt-sn_start].Name = Response))
```

```
    THEN
```

```
      getNameLabel(cnt, Sec_SN.SN_Child[cnt-sn_start].Name, Sec_SN.SN_Child[cnt-sn_start].Gender,  
Sec_SN.SN_Child[cnt-sn_start].Year, ChildLabel)
```

```
      Children_table_row[cnt]:='<br><button text='\<black\>'+ChildLabel+'\' background=LightGrey  
width=200 OnClick="{Action
```

```
        GotoField('\Sec_CH.CH201_ChildByEnum.Child['+STR(cnt)+'].CH001a_ChildCheck\')}"'>
```

```
    ENDIF
```

```
  ENDDO
```



# Word list

- Interviewer needs to read out a time sequence of words
- All navigation should be made impossible during this
- Once sequence is done, navigation should be turned on
- Not possible to return to the question after response has been entered



# Wordlist

SHARE w8 - 50+ in Europe - Version 8.2.5 - TT-000922-01-1

SHARE  
A SURVEY OF REACTIVITY, AGING AND BURNOUT IN EUROPE

Sec\_CF.CF007\_Learn1Intro

Now, I am going to read a list of words from my computer screen. We have purposely made the list long so it will be difficult for anyone to recall all the words. Most people recall just a few. Please listen carefully, as the set of words cannot be repeated. When I have finished, I will ask you to recall aloud as many of the words as you can, in any order. Is this clear?

*Have booklet ready*

1. Continue

◀ ▶



# Wordlist

```
94 the words as you can, in any order. Is this clear?"
95 IWER "Have booklet ready"
96 /*INTRODUCTION TEN WORDS LIST LEARNING*/
97 IContinue
98
99 CF101_Learn1 ("CF_CF101_Learn1")
100 "Ready?"
101 IWER "Wait until words appear on the screen.
102 Write words on sheet provided,
103 Allow up to one minute for recall.
104 Enter the words respondent correctly recalls."
105 /*TEN WORDS LIST REPEATING FIRST TRIAL*/
106 (al (1) "1. Start test")
107
108 CF102_Learn1 ("CF_CF102_Learn1")
109 ""[FILMedia]"
110 /*TEN WORDS LIST LEARNING SHOW MOVIE*/
111 IContinue
112
113
```

Type	Line	Col	Message	File name
Warning	672	26	The meaning of this expression differs from Blaise 4: it is only 'true' when the left operand is not null.	D:\share\questionnaire-w9_new\source\SHAREw9_CF.incx
Warning	750	27	The meaning of this expression differs from Blaise 4: it is only 'true' when the left operand is not null.	D:\share\questionnaire-w9_new\source\SHAREw9_CF.incx
Warning	907	27	The meaning of this expression differs from Blaise 4: it is only 'true' when the left operand is not null.	D:\share\questionnaire-w9_new\source\SHAREw9_CF.incx



# Wordlist

The screenshot displays the Microsoft Wordlist application window. The title bar reads "Microsoft Wordlist Editor - C:\Users\questo\Documents\new\wordlist\SHARKEY\21\ind". The interface is divided into several sections:

- File Menu:** Includes options like "Home", "File", "Copy", "Paste", "Undo", "Redo", "Previous Language", "Next Language", "Previous Style", and "Next Style".
- Navigation:** Includes "Navigate Backward", "Measure (inches)", "Find", "Zoom", "Copy", "Paste", "Undo", "Redo", "Previous Language", "Next Language", "Previous Style", and "Next Style".
- Left Panel (File Explorer):** Shows a tree view of files and folders. The "Page (13)" folder is selected, showing sub-folders like "Master Page Templates (4)", "Intro Page Templates (1)", "Receipt Page Templates (3)", "Error Page Templates (3)", "Abort Page Templates (2)", "Custom Page Templates (0)", "Field Pane (16)", and "Field Pane Templates (16)".
- Right Panel (Templates):** A list of templates with the following entries:
  - Name
  - Master Page Templates
  - Intro Page Templates
  - Receipt Page Templates
  - Error Page Templates
  - Abort Page Templates
  - Custom Page Templates
- Bottom Status Bar:** Shows "Language: Default" and "Style: Indigo".
- Version:** "Version: 5.7.1.2248" is displayed in the bottom right corner.



# Wordlist

Blaise Resource Editor - D:\share\questionnaire-w9\_new\source\SHAREw9.blrd

File Home

Navigation: Navigation Editing Languages Styles

- Blaise Resource Database
  - Languages (1)
  - Text Roles (16)
  - Type References (2)
  - Field References (7)
  - Functions (0)
  - Style Elements (105)
  - Styles (4)
  - Embedded Fonts (0)
  - Font Definitions (85)
  - Media (25)
  - Texts (152)
  - Templates (121)
  - Template Parts (2)
  - Resource Sets (7)

Version Info

Version:

Language: Default Style: Indigo

Version: 5.7.1.2248



# Wordlist

Blaise Resource Editor - D:\share\questionnaire-w9\_new\source\SHAREw9.blrd

File Home

Navigation: Navigate Backward, Navigate Forward, Find

Clipboard: Paste, Cut, Copy

Editing: Undo, Redo

Languages: Previous Language, Next Language

Styles: Previous Style, Next Style

Templates

Name
Field Pane Templates

- Default
- InfoPanePage
- ChildMasterPage
- VideoMasterPage
- Intro Page Templates (1)
  - Default
- Receipt Page Templates (3)
- Error Page Templates (3)
- Abort Page Templates (2)
- Custom Page Templates (0)
- Field Pane (16)**
  - Field Pane Templates (16)**
    - Vertical
    - Horizontal
    - QuestionTextOnly
    - Header
    - InfoPane
    - OtherCategory
    - Unit
    - Quantity
    - TableCell
    - TableRow
    - OptionButtonsTableCell
    - OptionButtonsTableRow
    - IWER
    - VerticalChildren
    - VideoPane
    - HorizontalNoError
  - Input Controls (49)
  - Grouping (20)
  - Table Headers (18)
  - Page Area (5)
  - Template Parts (2)
  - Resource Sets (7)

Language: Default Style: Indigo

Version: 5.7.1.2248



# JobCoder

- Want to determine an ISCO classification of jobtitle during the interview
- No office coding afterward, respondents know their job or can at least spot problematic matches
- Set of +4000 jobtitles
- Monitor their search process
- Allow also for items not in the list



# JobCoder

SHARE w8 - 50+ in Europe - Version 8.2.5 - TT-000913-02-1



Sec\_EP.EP008\_Intro1

The following questions are about your current main job.

*Including seasonal job. The main job is the job the respondent is working most hours for. If same hours then choose the one the respondent gets more money from.*

1. Continue

Select a value





# JobCoder

- Define your own algorithms?
- Store what was typed in
- Allow for jobtitle not in the list as a response



# Conclusion

- We like Blaise 5 for complex questionnaires
- Quicker to program
- Roles
- Unicode, localization no longer issue
- Not very complex to integrate with existing systems
- Love the XML export, allow for XML import?



Any questions?



CentERdata  
Institute for data collection and research