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NVivo

NVivo Intermediate

Do more with coding, classifying, querying, and visualizing material in a range of formats.

https://www.ub.uio.no/english/courses-events/courses/nvivo/2024-05-22.html

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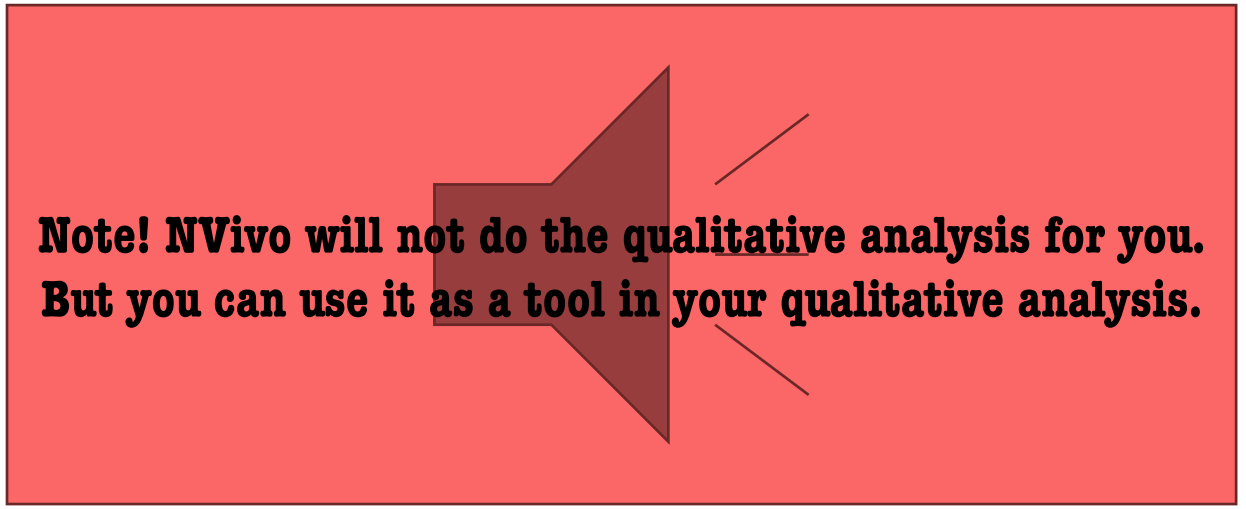
University of Oslo Library

May 22, 2024

Focus points in today's workshop:

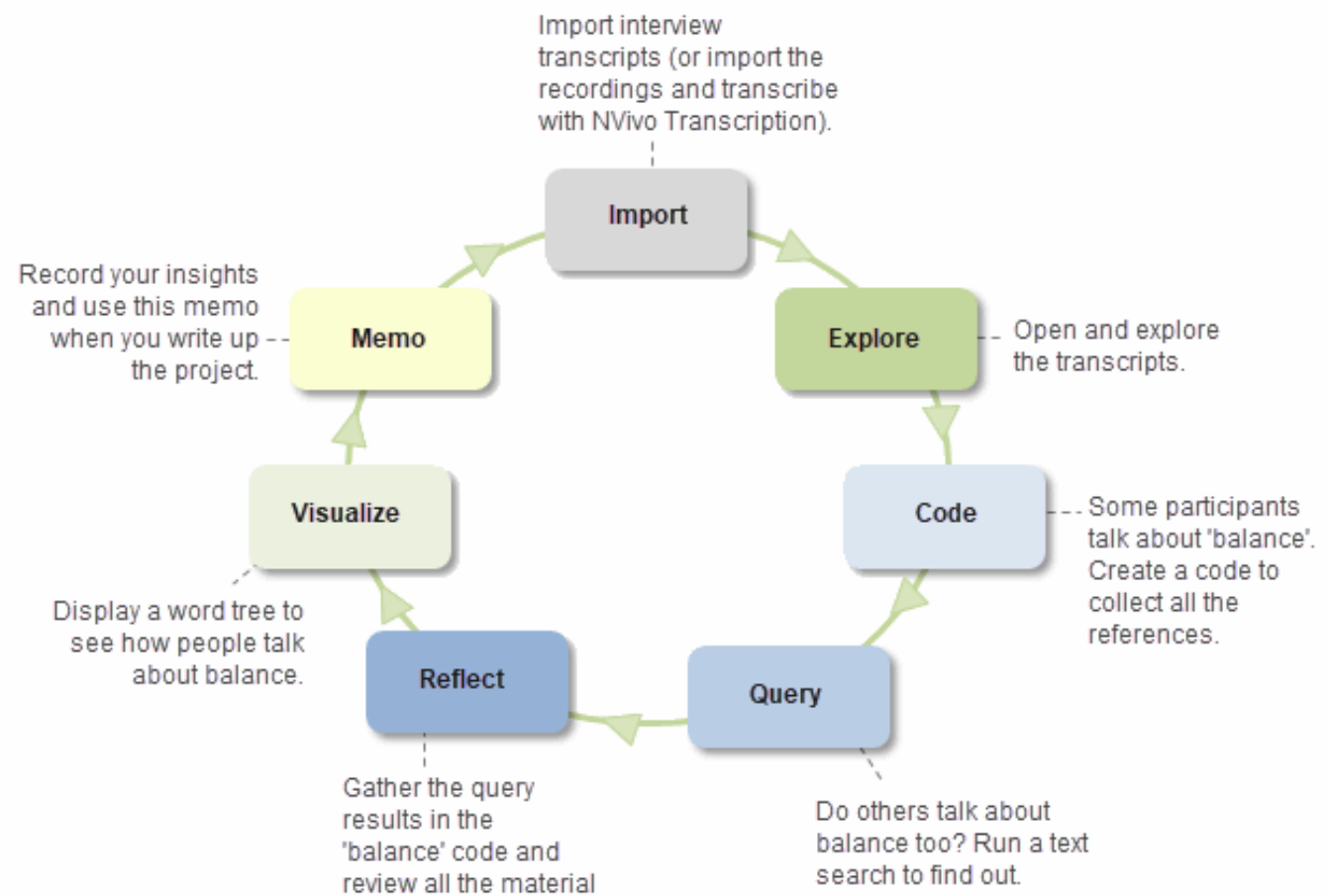
We can adapt these focus points to your questions and needs.

- Import, code, and classify text and non text data (e.g. picture, video)
- Import and integrate bibliographies from reference tool (Zotero)
- Organization (e.g. of files and codes)
- Assigning cases with attributes
- Classifying files with metadata
- Different forms of queries
- Query to retrieve and visualize



Qualitative research as an iterative process

Handling qualitative data is not usually a step-by-step process. Instead, it tends to be an iterative process where you explore, code, reflect, memo, code some more, query and so on. For example, this picture shows a path you might take to investigate an interesting theme:



Remember:

Explore a coded project and see how more functions are used.

Helpful brief video tutorials.

Recent Projects

- Sleep Question
  \\kant\ub-u1\ang\pc\Dokumenter\Sleep Question...
- Environmental Change Down East
  \\kant\ub-u1\ang\pc\Dokumenter\Sample Project.nvp
- Sleep Question
  \\kant\ub-u1\ang\pc\Dokumenter\Sleep Question...
- Sleep Question
  \\kant\ub-u1\ang\pc\Dokumenter\Sleep Question.nvp

Open Other Project

Collaboration Cloud

Application Options

About NVivo

You can change your user name and initials first entered here.

New Project

Sample Project
Multi-method

More
Sample Projects

Account

To view your account information and access account features, please log in below.

Log In

Getting Started

For a quick overview of NVivo click the tutorial below...

Research Ready
Prepare for NVivo.

Help
User help for NVivo Windows

Learn & Connect

Customer Hub
All you need to succeed with NVivo.

NVivo Community
Join to connect and learn with fellow researchers.

NVivo Academy
Online NVivo training.

Free Transcription
Free transcription credit for new users.

Request a feature
Request and vote for new NVivo features.

You DO NOT need an account. Log-in services (at a cost) are additional (e.g. collaboration cloud).

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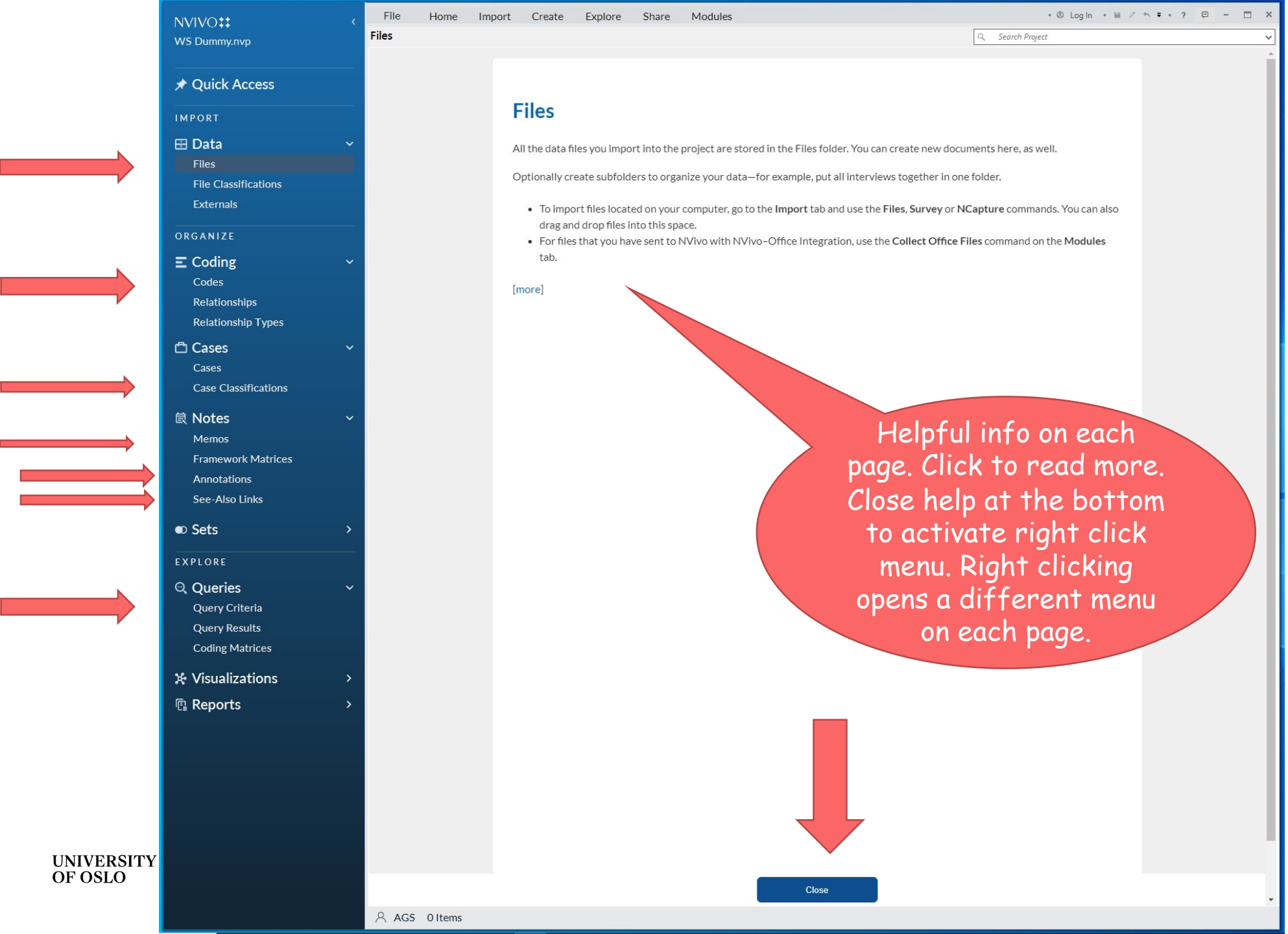
NVIVO
WS Dummy.nvp
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File Classifications
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Relationship Types
Cases
Cases
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Query Criteria
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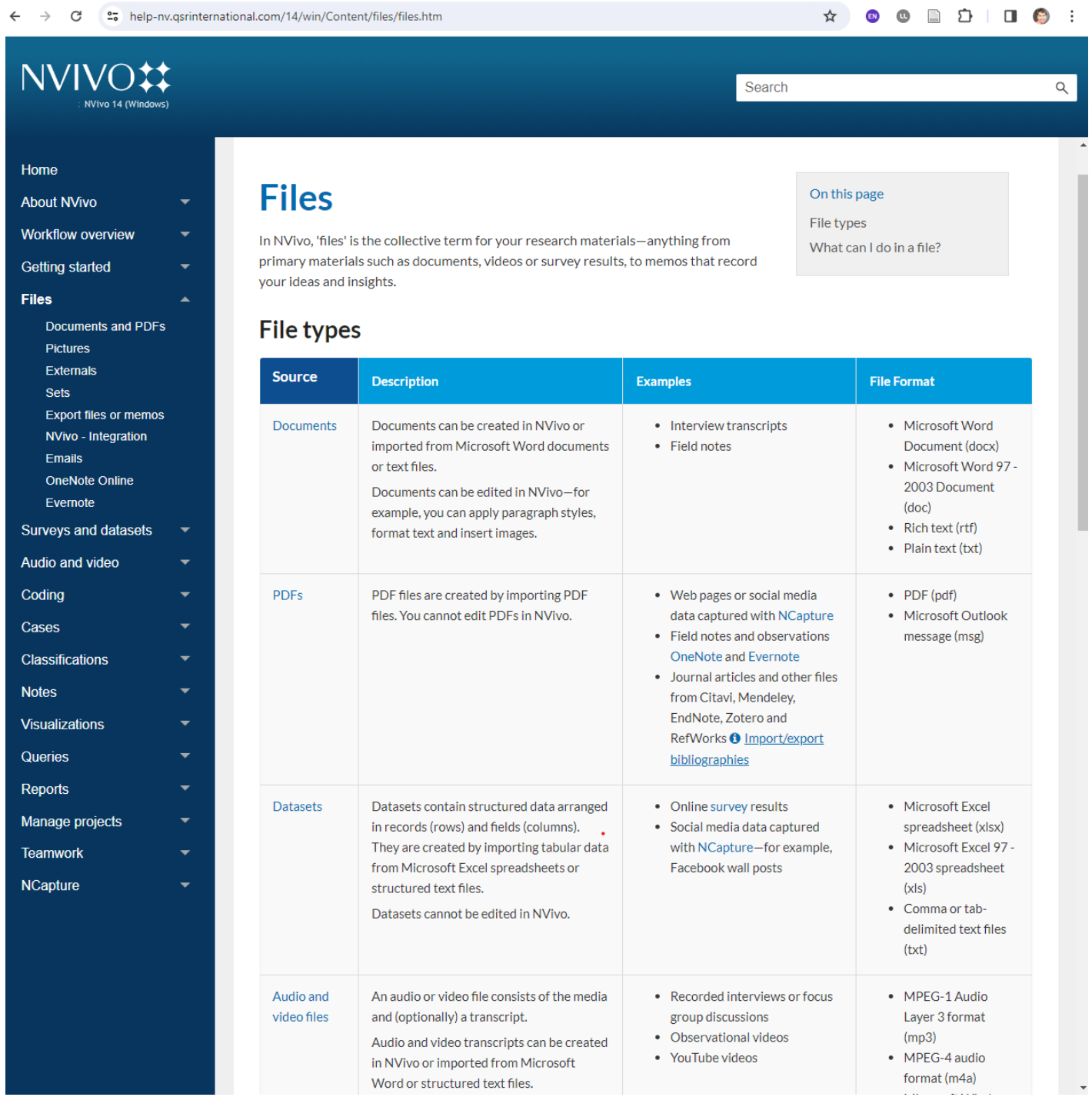
Files
All the data files you import into the project are stored in the Files folder. You can create new documents here, as well.
Optionally create subfolders to organize your data—for example, put all interviews together in one folder.
To import files located on your computer, go to the Import tab and use the Files, Survey or NCapture commands. You can also drag and drop files into this space.
For files that you have sent to NVivo with NVivo–Office Integration, use the Collect Office Files command on the Modules tab.
[more]
Helpful info on each page. Click to read more. Close help at the bottom to activate right click menu. Right clicking opens a different menu on each page.
Close
AGS
0 Items

Read to learn more.



help-nv.qsrinternational.com/14/win/Content/files/files.htm

NVIVO
NVivo 14 (Windows)

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Queries
Reports
Manage projects
Teamwork
NCapture

Files

In NVivo, 'files' is the collective term for your research materials—anything from primary materials such as documents, videos or survey results, to memos that record your ideas and insights.

On this page
File types
What can I do in a file?

File types

Source	Description	Examples	File Format
Documents	Documents can be created in NVivo or imported from Microsoft Word documents or text files. Documents can be edited in NVivo—for example, you can apply paragraph styles, format text and insert images.	• Interview transcripts • Field notes	• Microsoft Word Document (docx) • Microsoft Word 97 - 2003 Document (doc) • Rich text (rtf) • Plain text (txt)
PDFs	PDF files are created by importing PDF files. You cannot edit PDFs in NVivo.	• Web pages or social media data captured with NCapture • Field notes and observations OneNote and Evernote • Journal articles and other files from Citavi, Mendeley, EndNote, Zotero and RefWorks Import/export bibliographies	• PDF (pdf) • Microsoft Outlook message (msg)
Datasets	Datasets contain structured data arranged in records (rows) and fields (columns). They are created by importing tabular data from Microsoft Excel spreadsheets or structured text files. Datasets cannot be edited in NVivo.	• Online survey results • Social media data captured with NCapture—for example, Facebook wall posts	• Microsoft Excel spreadsheet (xlsx) • Microsoft Excel 97 - 2003 spreadsheet (xls) • Comma or tab-delimited text files (txt)
Audio and video files	An audio or video file consists of the media and (optionally) a transcript. Audio and video transcripts can be created in NVivo or imported from Microsoft Word or structured text files.	• Recorded interviews or focus group discussions • Observational videos • YouTube videos	• MPEG-1 Audio Layer 3 format (mp3) • MPEG-4 audio format (m4a)

Universitetsplassen

Universitetsplassen er en forskerbasert podkast om samfunnet produsert av Universitetet i Oslo. Her møtes både unge og erfarne forskere for å snakke om det de mener er viktig og aktuelt, sammen med gjester fra norsk samfunnsliv.

Sex og singelliv: Trives du med å være singel, har du også et bedre seksualliv

Publisert 15. mai 2024

1,4 millioner nordmenn lever alene. Likevel har det vært lite forskning på denne gruppen. Parforholdet har fått all oppmerksomhet

Hvordan er det å være singel i Norge i dag? Hvor enkelt er det å få tilgang på sex som singel? Og er det forskjell på kvinner og menns muligheter? Trives folk med å være singel, eller drømmer de fleste egentlig om parforholdet med stor P?

De single som trives med å ikke være i et fast forhold, er langt mer fornøyd med sexlivet sitt enn single som lengter etter et fast forhold, viser en ny studie, som Nantje Fischer, leder for CENSE – Norsk forskningssenter for seksuell helse står bak. Møt henne i samtale med psykolog, forfatter og foredragsholder Peder Kjøs.

Programleder er Gro Lien Garbo

[Lytt til Universitetsplassen]
[Les tekstene til podkastepisodene]

Cases: informants

Attributes:
Civil status: single / partner (unmarried, divorced, widowed / married, cohabitant, lover, boyfriend/girlfriend, engaged)
Duration of current status: <5 years <10 years >10 years
Gender: male, female, other
Sexuality: straight, lesbian, gay, bisexual, queer, ...
Residence: city / country
Age: 20-30, 30-40, 30-50, ...

Codes:
Satisfaction
Access
Frequency
Dating apps, …

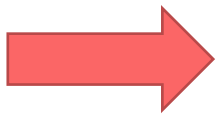
Results that could be CODED to compare across CASES.

The Sleep Question as a NVivo project

The Sleep Question: interviews with moms in the US about their sleep parenting.

- **Cases**: moms
- **Case attributes**: employment status (stay-at-home mom, working-mom), age, education, number of kids …
- **Codes** to capture attitudes and practices re. work, bedsharing, sleep training, bottle feeding …
- **Queries** to easily gather, visualize, and compare responses to specific topics according to case attributes.

- Case attributes and coding based on queries I wanted to run (and text queries to code)
- Annotations (scribbles in the margins) and memos (post-it notes) for my thoughts
- Notes can also be for a project journal (log memo)
- Memos (notes) can include a hyperlinked citation



NVIVO

Sleep Question coded.nvp

Quick Access

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- Relationship Types

Cases
- Cases
- Case Classifications
  - Dad
  - Mom

File Home Import Create Explore Share Modules Document

Memo Link | See-Also Link | Annotations | See-Also Links | Relationships | Coding Stripes | Highlight | Code | Code In Vivo | Autocode | Range Code | Uncode | New Annotation | Word Cloud | Chart | Compare With | Explore Diagram | Query This Document | Find

Search Project

Interviews

Name	Code	Reference
10.Katie	6	13
11.Tia	5	13
12.Jessica	5	10
13.Alyssa	4	14
14.Daisy	7	26
15.Susan	3	9
16.Cassie	5	9
1a.Mary	2	2
1b.Mary	3	4
2.Stacie	3	4
3.Heidi	6	9
4.Angie	5	18
5.Amanda	4	11
6.Catherin	2	2
7.Jennifer	6	14
8.Nancy	4	14
9.Heather	5	15

4.Angie

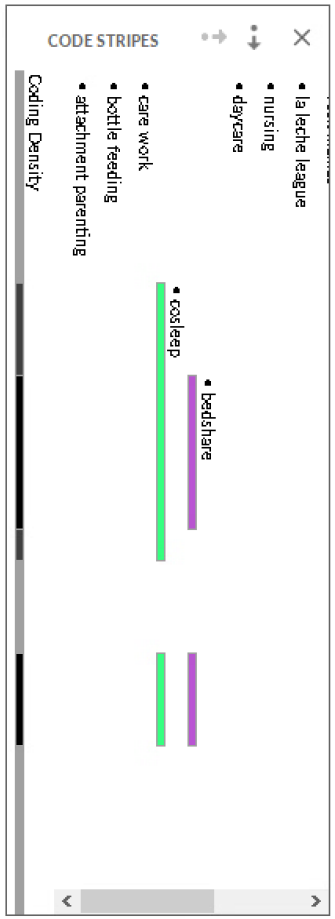
Edit | Code Panel

trying on our own. And it felt really good to get to that point. To say, this is not working, has not worked for a year and a half. We don't have the tools, skills, to move forward. It felt so good to admit that. Do see that I can't do it on my own.

Some nights I feel really anxious about it, loose some sleep. It's really hard, we do a lot of covering up for Eli's sake. There's healthy and unhealthy arguing. Ours is unhealthy, so we avoid it in front of Eli. And we have fear, because it's unhealthy conflict. Lots of avoiding leads to complete chaos.

I can't remember thinking about our way or bed parenting at first though. I was just in that survival mode. I think it first came up when people would ask, "oh, are you still cosleeping?" "how is he sleeping at night?" "is he sleeping during night?", that last one is the question everyone asks, and I don't know how to respond to that! He sleeps really well at night, but he doesn't sleep through the night. How do you even begin to describe that? I feel like those who bedshare know what it means when I describe it but it's so interesting to try to explain it to others. (What does it mean to sleep through the night? Isn't it normal with our sleep cycles to wake up? Do children who self-sooth back to sleep when they wake up "sleep through the night"?)

I have found that the sleep pattern we have chosen to be the minority and that it's really a crazy feeling sometimes, it feels so comfortable to do it, so it's so crazy to feel that I'm a minority. With my friends, I feel I'm among likeminded, it's probably why we hang on to each other. But when I go to ECFE class, I feel like I'm probably the only one who bedshare. It doesn't bother me anymore, but I find it really interesting! It's really nice to be able to talk about it and be open and feel like I'm not being judged, it's just what we've done. And I've kind of grown in my life with him as a parent to grow to that point, to be proud and comfortable with our way of doing it.



In Codes | Code to Enter code name (CTRL+Q)

AS 17 Items Codes: 5 References: 18 Read-Only Line: 1 Column: 0 100%

20:16 21.03.2023

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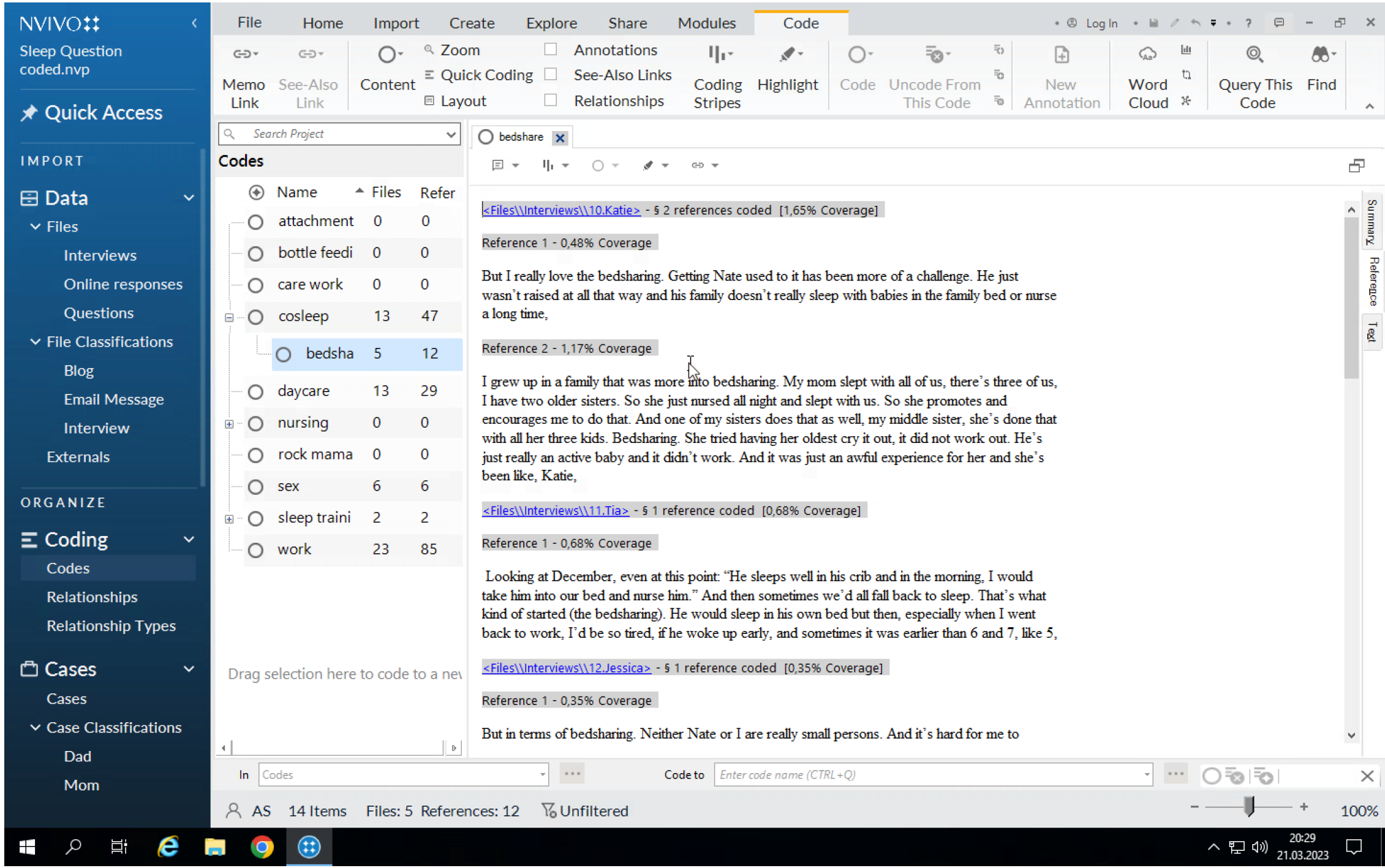

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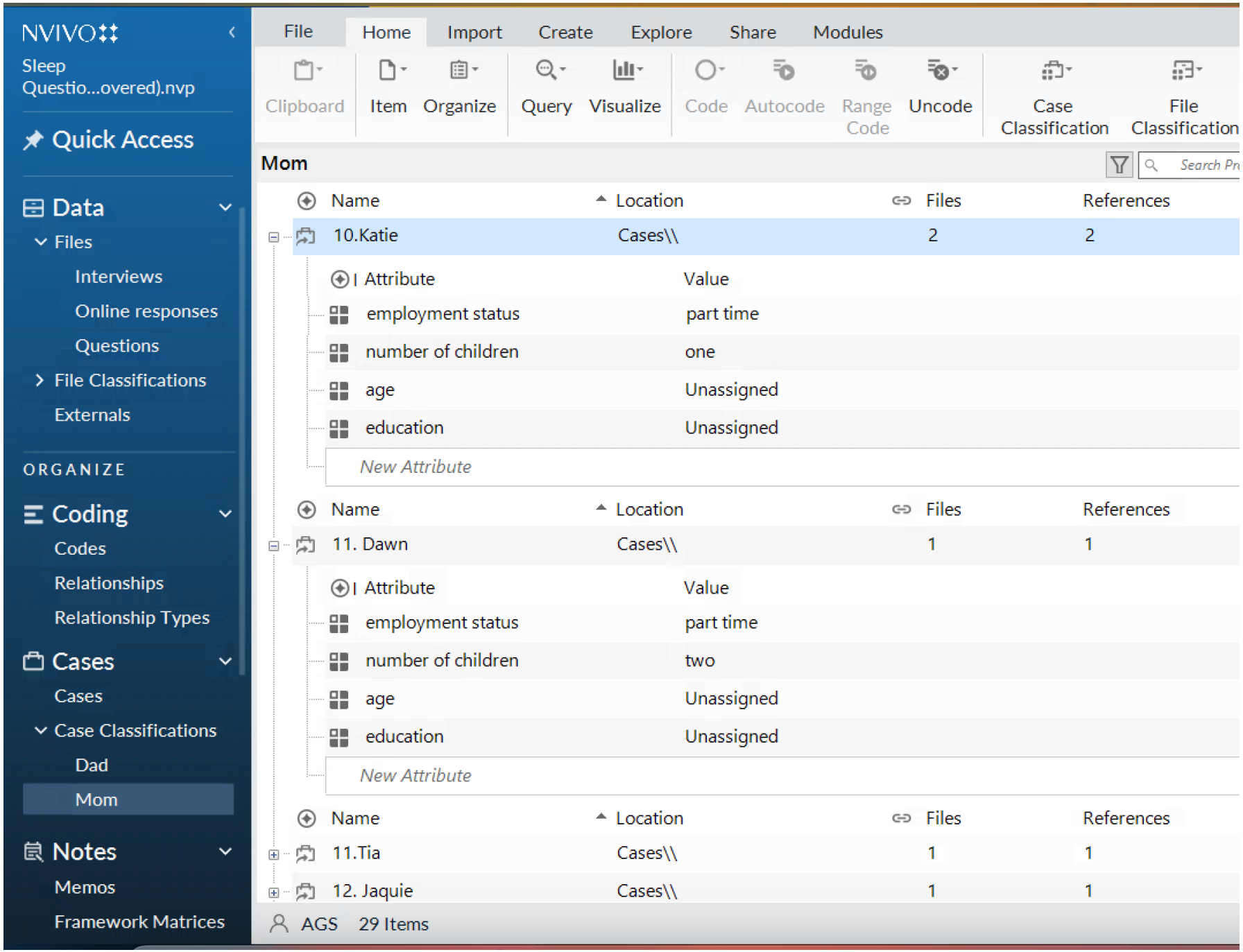
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Sleep Questio...overed).nvp
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Mom
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10.Katie
Cases\\
2
2
Attribute
Value
employment status
part time
number of children
one
age
Unassigned
education
Unassigned
New Attribute
Name
Location
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11. Dawn
Cases\\
1
1
Attribute
Value
employment status
part time
number of children
two
age
Unassigned
education
Unassigned
New Attribute
Name
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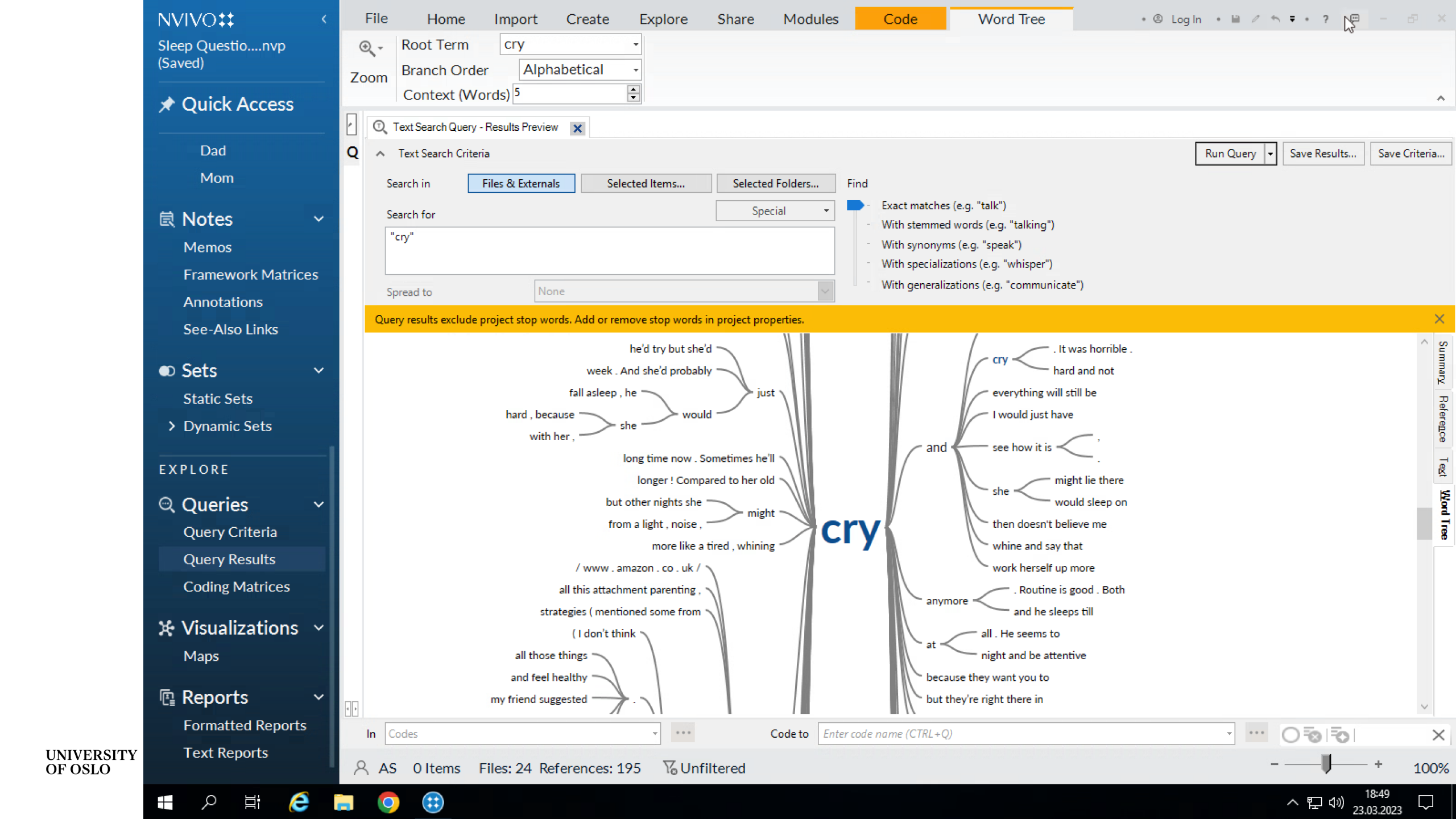
11.Tia
Cases\\
1
1
12. Jaquie
Cases\\
1
1
AGS
29 Items



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Word Frequency Query Results

Word Frequency Criteria

Search in: Files & Externals | Selected Items... | Selected Folders...

Display words: 1000 most frequent / All

With minimum length: 3

Grouping:
- Exact matches (e.g. "talk")
- With stemmed words (e.g. "talking")
- With synonyms (e.g. "speak")
- With specializations (e.g. "whisper")
- With generalizations (e.g. "communicate")

Query results exclude project stop words. Add or remove stop words in project properties.

Word	Length	Count	Weighted Percentage (%)
sleep	5	977	2,57
time	4	494	1,30
night	5	476	1,25
bed	3	469	1,23
baby	4	251	0,66
room	4	231	0,61
nurse	5	217	0,57
months	6	211	0,56
even	4	205	0,54
nap	3	205	0,54
asleep	6	201	0,53
want	4	198	0,52
good	4	197	0,52
crib	4	196	0,52
work	4	195	0,51
day	3	188	0,49
cry	3	177	0,47
sleeping	8	177	0,47
take	4	176	0,46
child	5	173	0,46
wake	4	171	0,45
nursing	7	168	0,44
started	7	167	0,44
way	3	160	0,42
need	4	156	0,41
people	6	156	0,41
remember	8	153	0,40
home	4	149	0,39
sometimes	9	139	0,37
naps	4	138	0,36
never	5	136	0,36
always	6	132	0,35

Log In

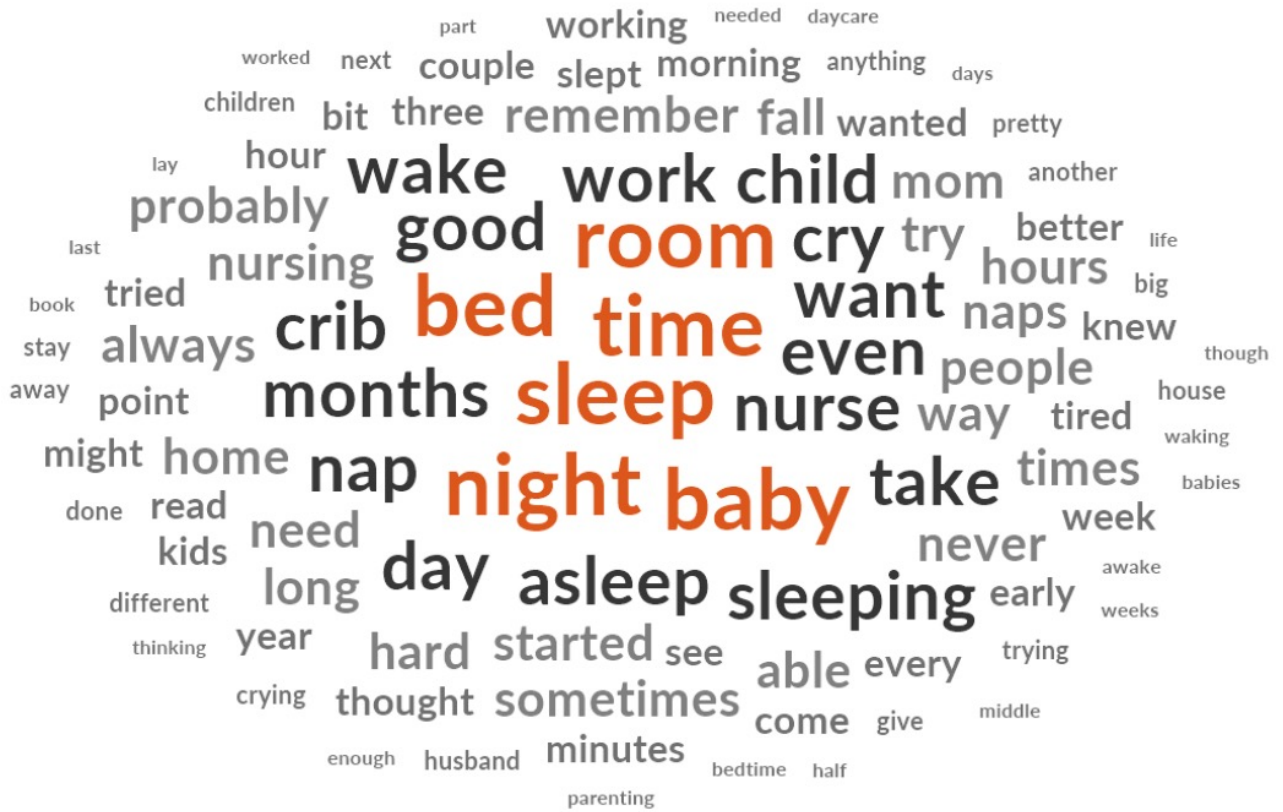
Run Query | Save Criteria...

Selected Folders... | Grouping

- Exact matches (e.g. "talk")
- With stemmed words (e.g. "talking")
- With synonyms (e.g. "speak")
- With specializations (e.g. "whisper")
- With generalizations (e.g. "communicate")

ject properties.

Summary | Word Cloud | Tree Map | Cluster Analysis



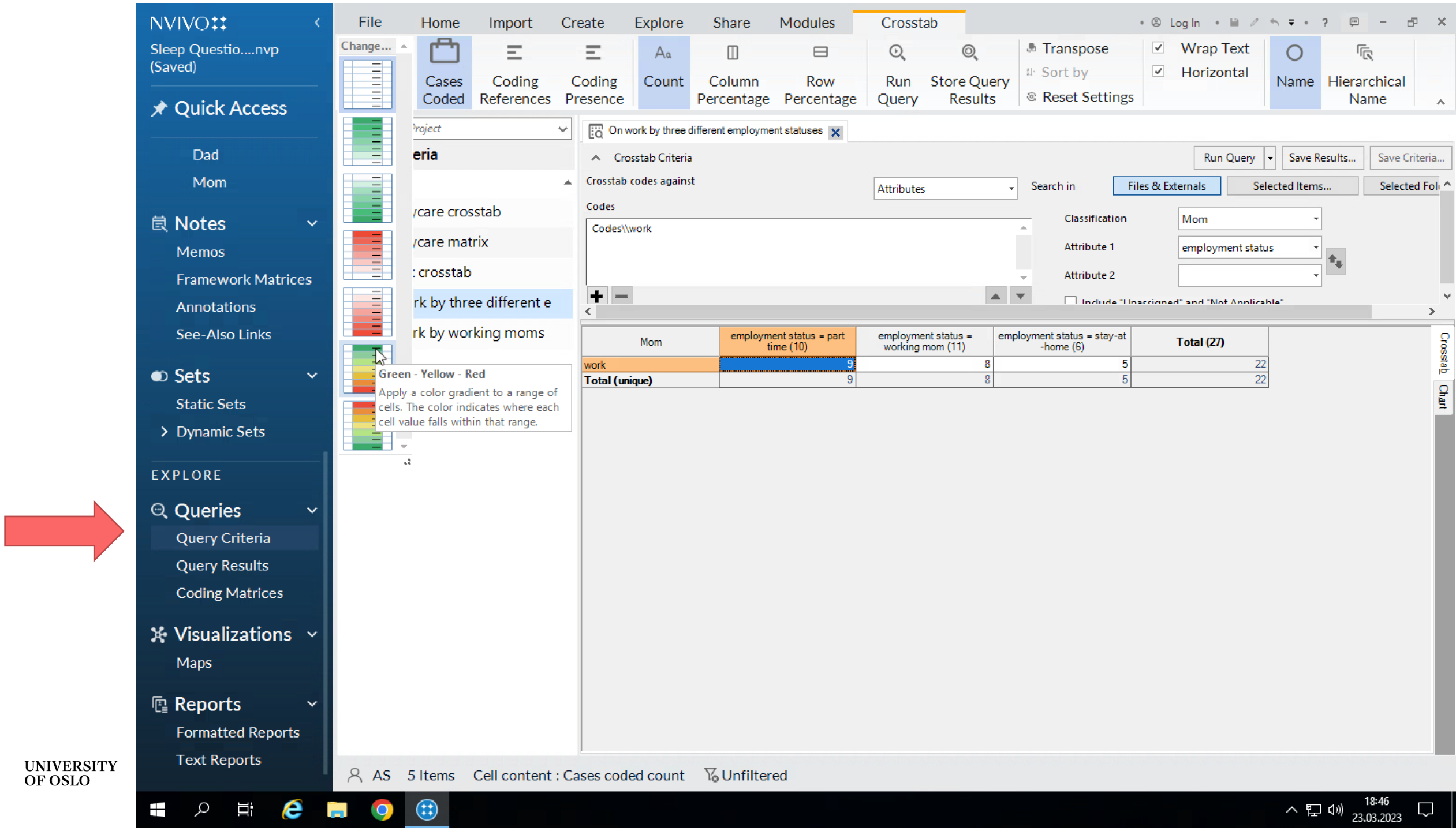
When more material is coded and classified, you can run

Crosstab and Matrix queries

Visualize query results

Visualize with maps you create

Visualizations



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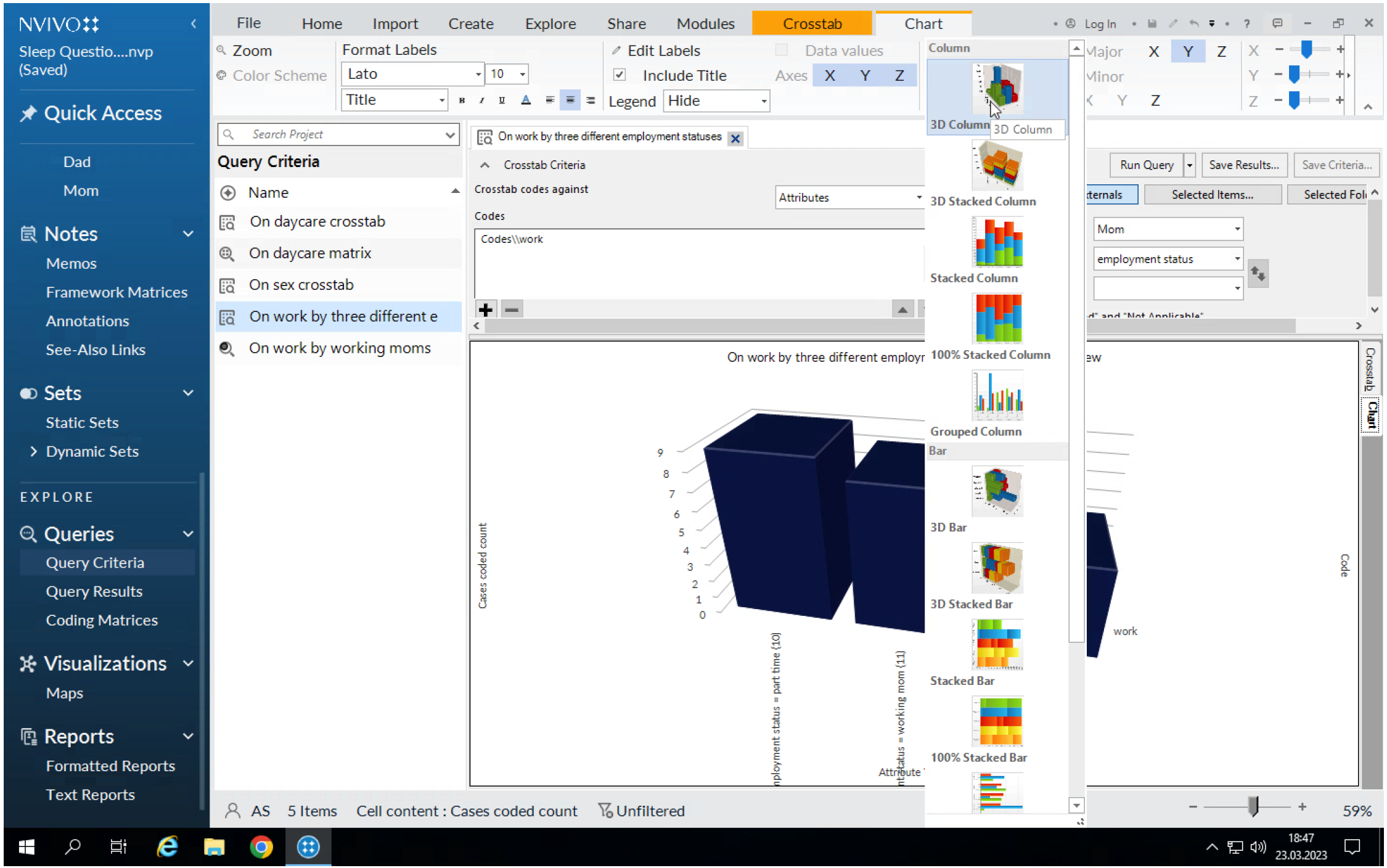

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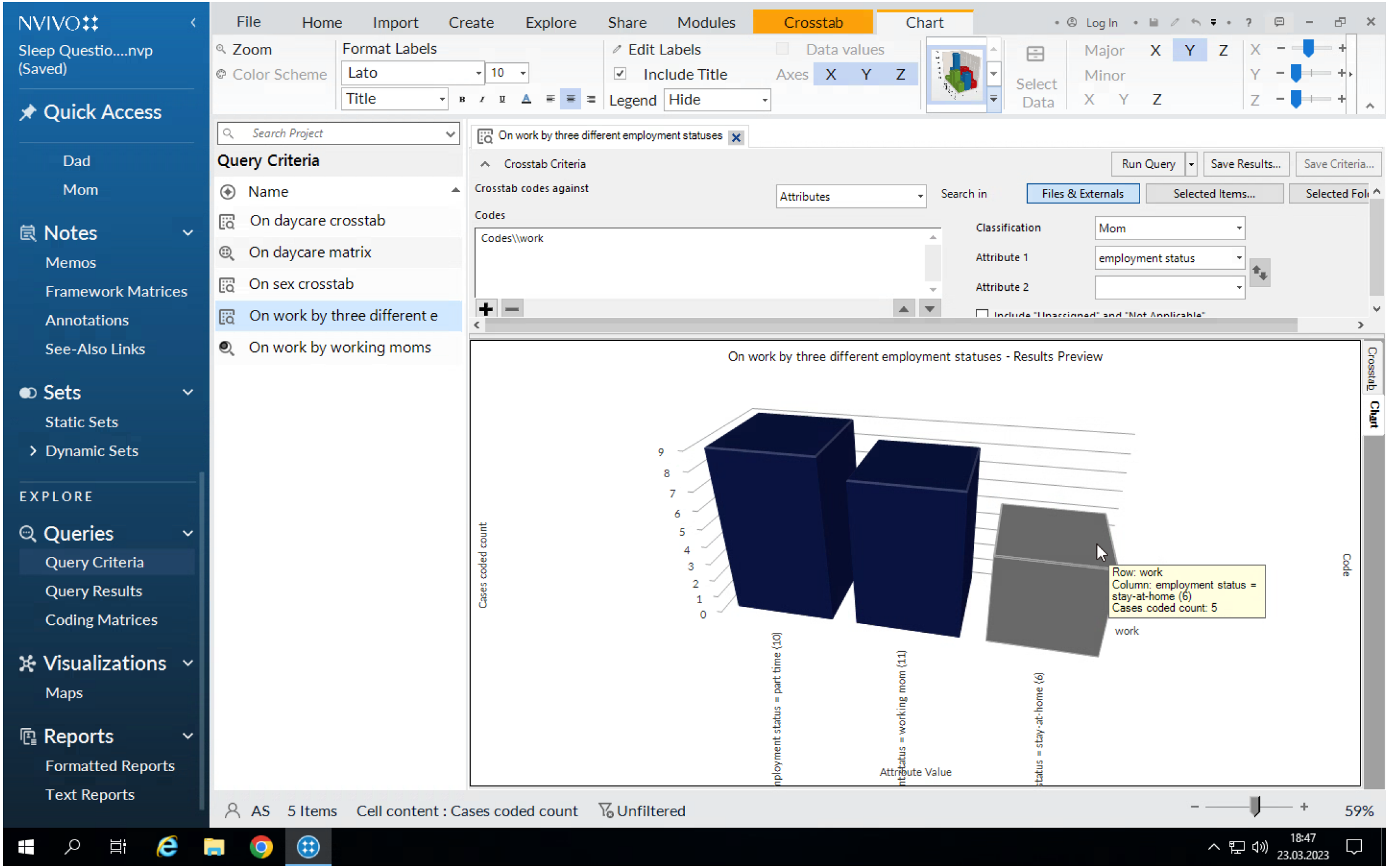

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NVIVO
Sleep Question coded.nvp (Saved)

Quick Access

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- See-Also Links

Sets

EXPLORE

Queries
- Query Criteria
- Query Results
- Coding Matrices

Visualizations
- Maps

Reports
- Formatted Reports
- Text Reports

File Home Import Create Explore Share Modules Matrix Chart

Log In

Codes

Search Project

Name	Files	References
attachment parenting	0	0
bottle feeding	0	0
care work	0	0
cosleep	13	47
daycare	13	29
nursing	0	0
rock mamas	0	0
sex	6	6
sleep training	2	2
work	23	85

Matrix Coding Query - Results Preview

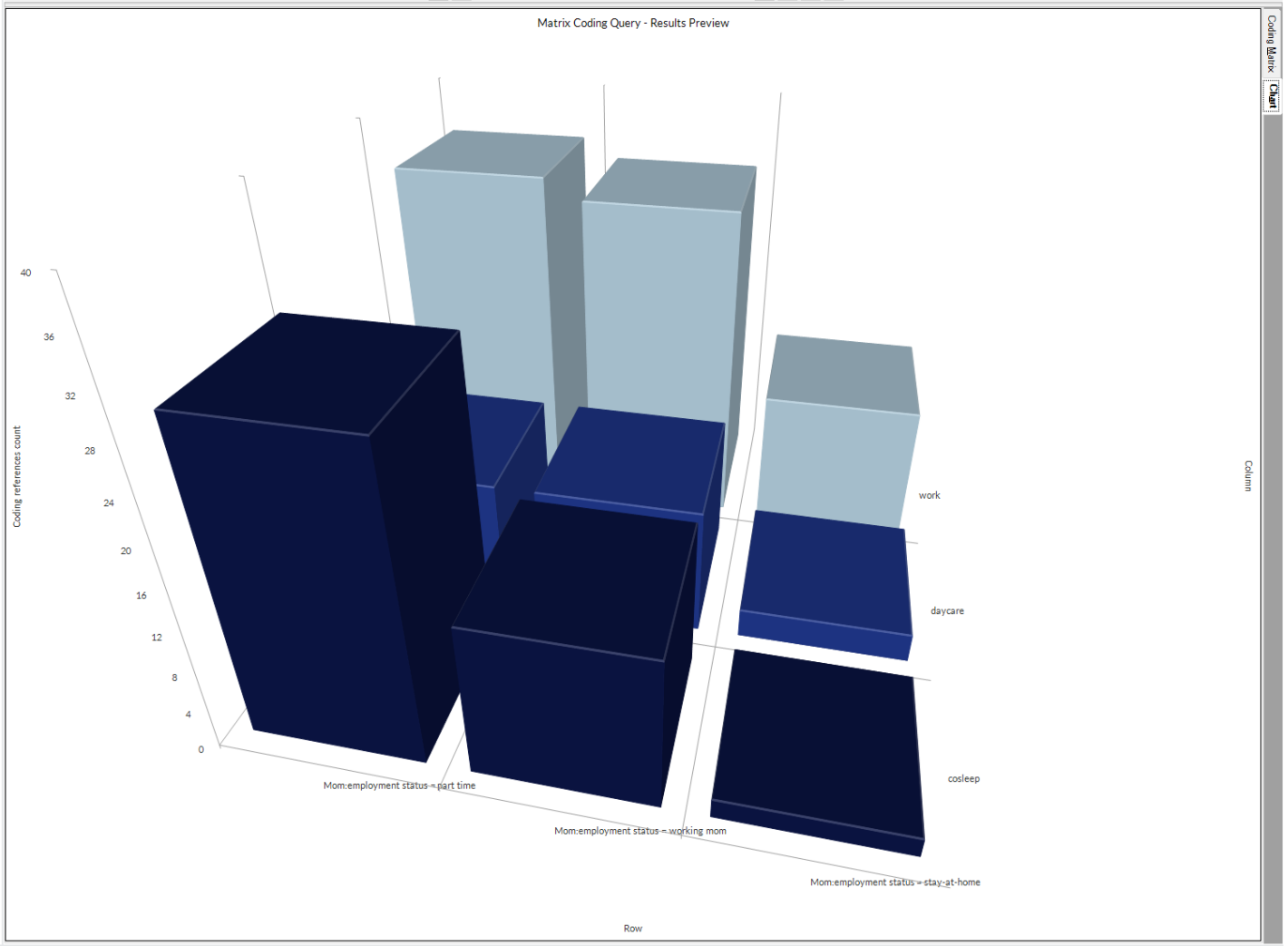
Matrix Criteria

Run Query | Save Results... | Save Criteria...

Search in | Files & Externals | Selected Items... | Selected Folders... | Coding at rows | And | columns | Hierarchical Name

Rows
- Codes\\cosleep
- Codes\\daycare
- Codes\\work

Columns
- Mom:employment status = part time
- Mom:employment status = working mom
- Mom:employment status = stay-at-home



AGS 14 Items Cell content : Coding references count Unfiltered

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Skriv her for å søke

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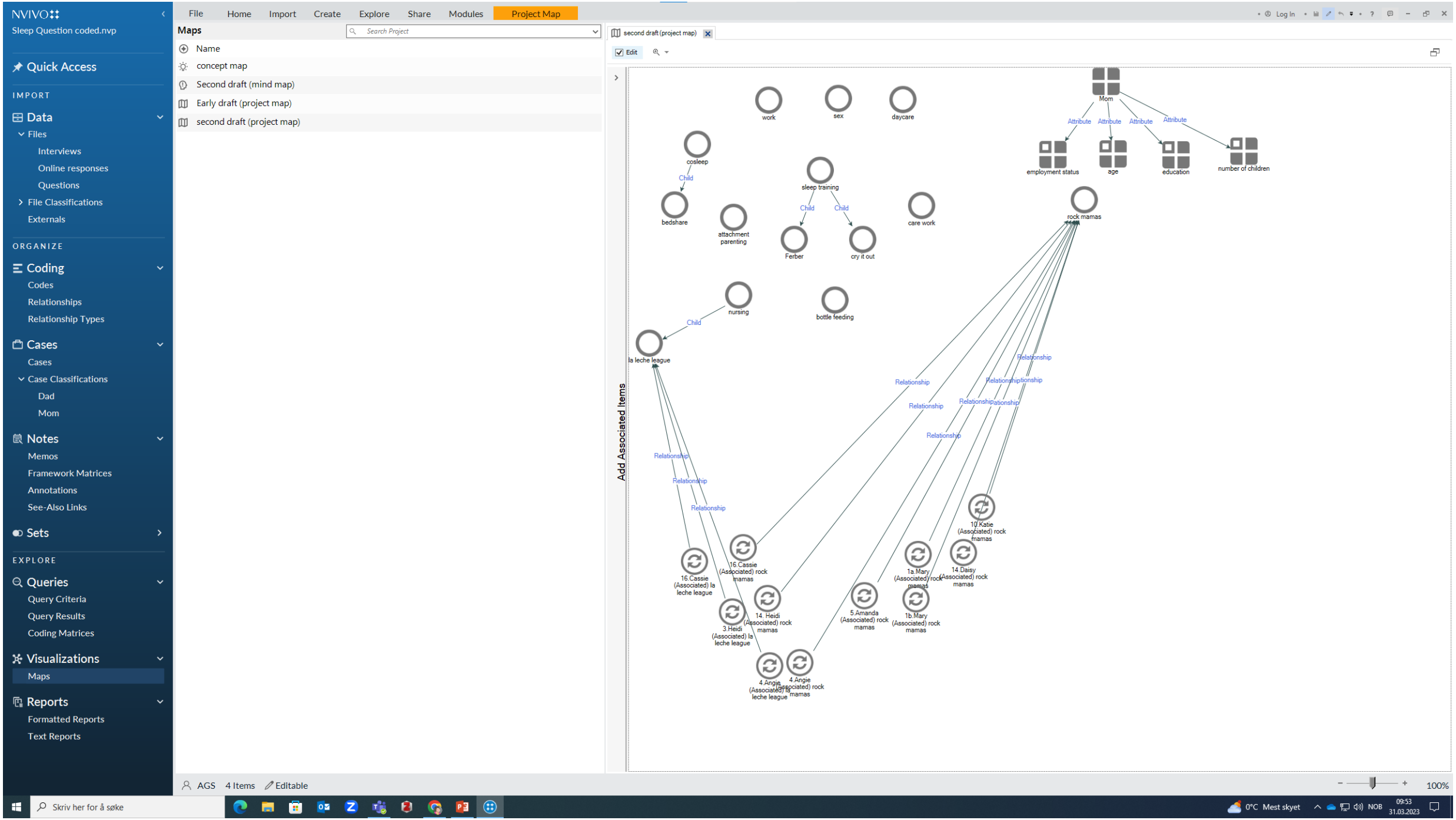
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Early draft (project map)
second draft (project map)
second draft (project map)
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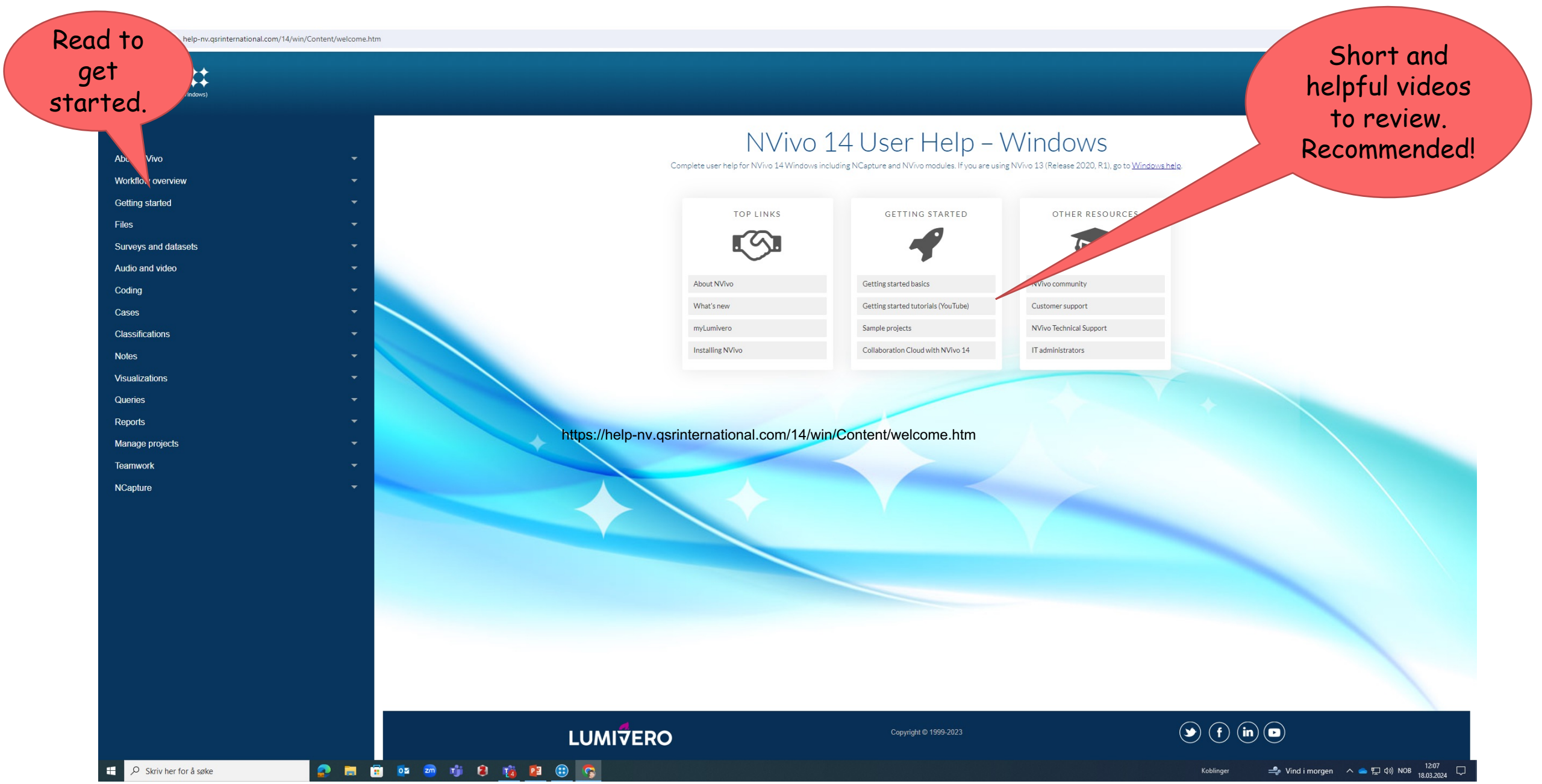
Add Associated Items
work
sex
daycare
Mom
Attribute
employment status
age
education
number of children
cosleep
Child
bedshare
attachment parenting
sleep training
Ferber
cry it out
care work
rock mamas
nursing
bottle feeding
la leche league
Relationship
16.Cassie (Associated) la leche league
16.Cassie (Associated) rock mamas
3.Heidi (Associated) la leche league
14. Heidi (Associated) rock mamas
4.Angie (Associated) la leche league
4.Angie (Associated) rock mamas
5.Amanda (Associated) rock mamas
1a.Mary (Associated) rock mamas
1b.Mary (Associated) rock mamas
10.Katie (Associated) rock mamas
14.Daisy (Associated) rock mamas
AGS
4 Items
Editable
100%
Skriv her for å søke
0°C Mest skyet
NOB
09:53
31.03.2023

REVIEW



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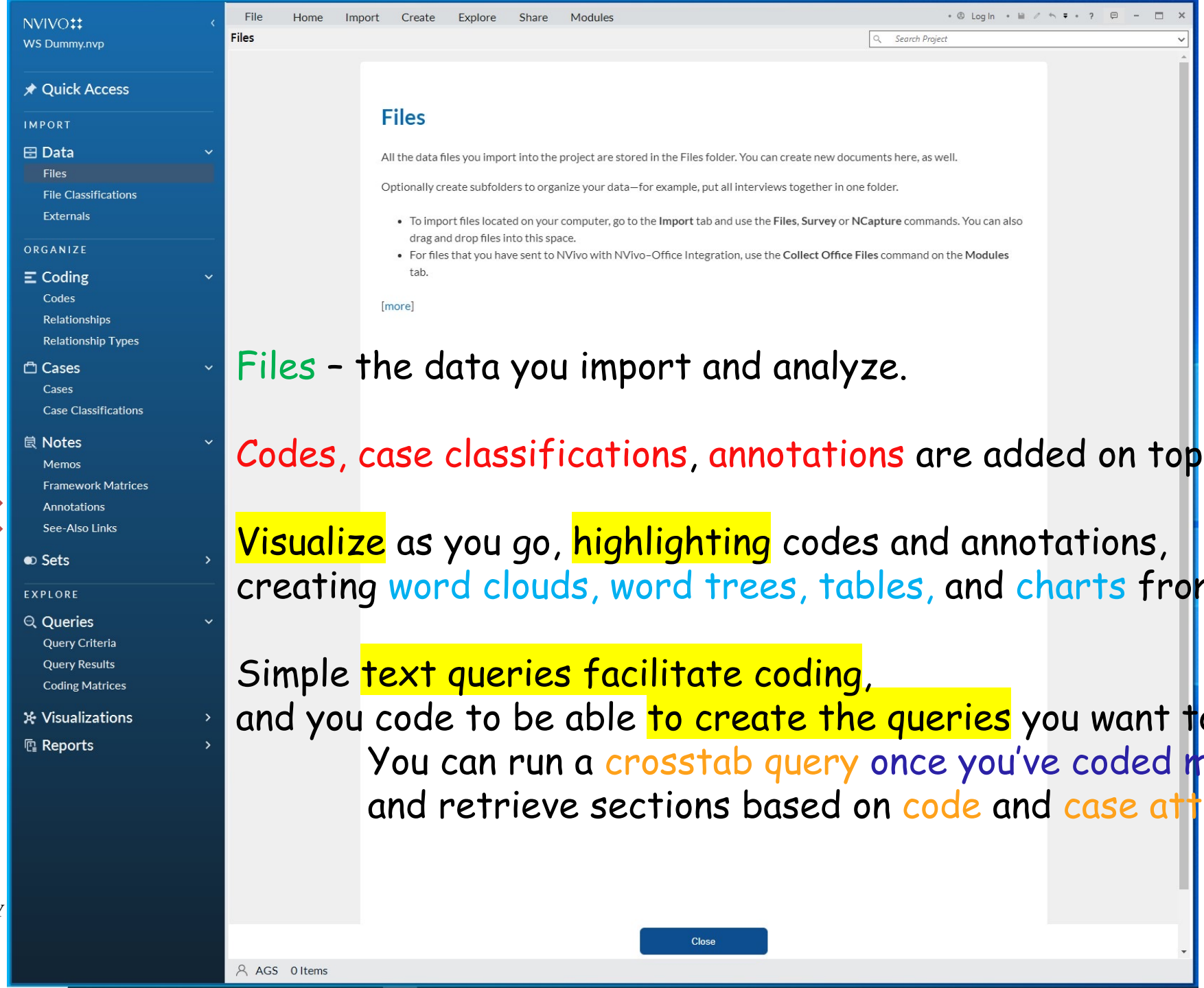
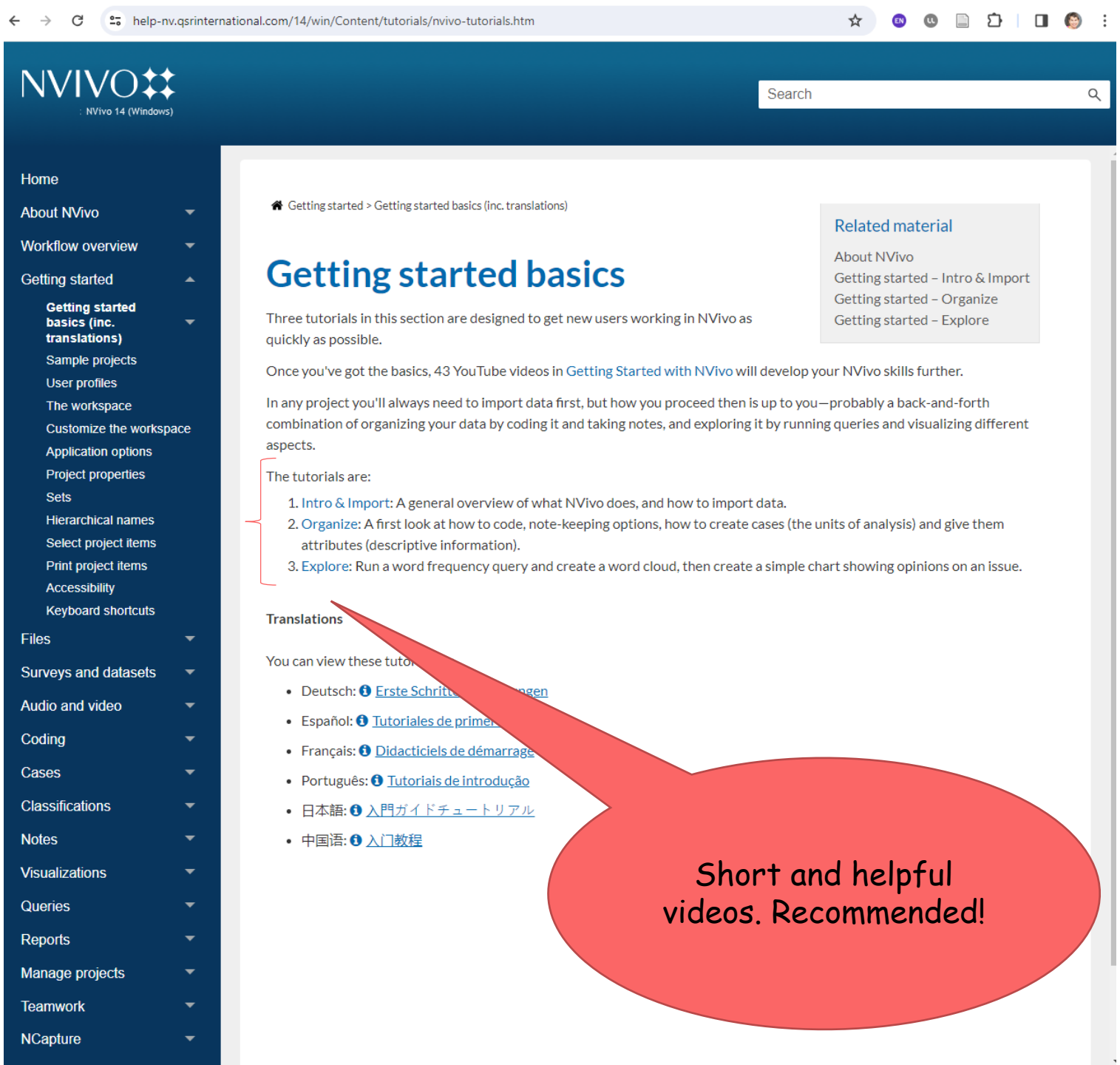


Files – the data you import and analyze.

Codes, case classifications, annotations are added on top of your files.

Visualize as you go, highlighting codes and annotations,
creating word clouds, word trees, tables, and charts from your queries.

Simple text queries facilitate coding,
and you code to be able to create the queries you want to run.
You can run a crosstab query once you've coded more material,
and retrieve sections based on code and case attributes.


help-nv.qsrinternational.com/14/win/Content/tutorials/nvivo-tutorials.htm
NVIVO
NVivo 14 (Windows)
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Workflow overview
Getting started
Getting started basics (inc. translations)
Sample projects
User profiles
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Customize the workspace
Application options
Project properties
Sets
Hierarchical names
Select project items
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Accessibility
Keyboard shortcuts
Files
Surveys and datasets
Audio and video
Coding
Cases
Classifications
Notes
Visualizations
Queries
Reports
Manage projects
Teamwork
NCapture
Getting started > Getting started basics (inc. translations)
Related material
About NVivo
Getting started – Intro & Import
Getting started – Organize
Getting started – Explore
Getting started basics
Three tutorials in this section are designed to get new users working in NVivo as quickly as possible.
Once you've got the basics, 43 YouTube videos in Getting Started with NVivo will develop your NVivo skills further.
In any project you'll always need to import data first, but how you proceed then is up to you—probably a back-and-forth combination of organizing your data by coding it and taking notes, and exploring it by running queries and visualizing different aspects.
The tutorials are:
1. Intro & Import: A general overview of what NVivo does, and how to import data.
2. Organize: A first look at how to code, note-keeping options, how to create cases (the units of analysis) and give them attributes (descriptive information).
3. Explore: Run a word frequency query and create a word cloud, then create a simple chart showing opinions on an issue.
Translations
You can view these tuto
Deutsch: Erste Schritte
Español: Tutoriales de primer
Français: Didacticiels de démarrage
Português: Tutoriais de introdução
日本語: 入門ガイドチュートリアル
中国语: 入门教程
Short and helpful videos. Recommended!

Autotekst – automatic transcription for speech to text

Also works on Norwegian!

What is Autotekst?

Autotekst.uio.no is a tool to automatically transcribe speech to text by using Whisper from OpenAi.

The service runs entirely on UiO servers, thus no data ever abandons the UiO infrastructure. This way the service can be used for certain types of red data, if your area of work requires you to do so.

The service is mainly used to get captions to videos. It simplifies the process of subtitling videos by giving you a starting point, with synchronized text to the sound.

→ Video demonstration for the new version of Autotekst

→ Overview of data-flow in Autotekst

Autotekst can also be used to transcribe audio files, like recordings done with the service Nettskjema Dictaphone, Zoom or Panopto.

→ Give us your feedback on Autotekst

Start using Autotekst

Log in to Autotekst.uio.no →

What can be sent and stored in Autotekst?

● ● ● Up to red data*

Autotekst

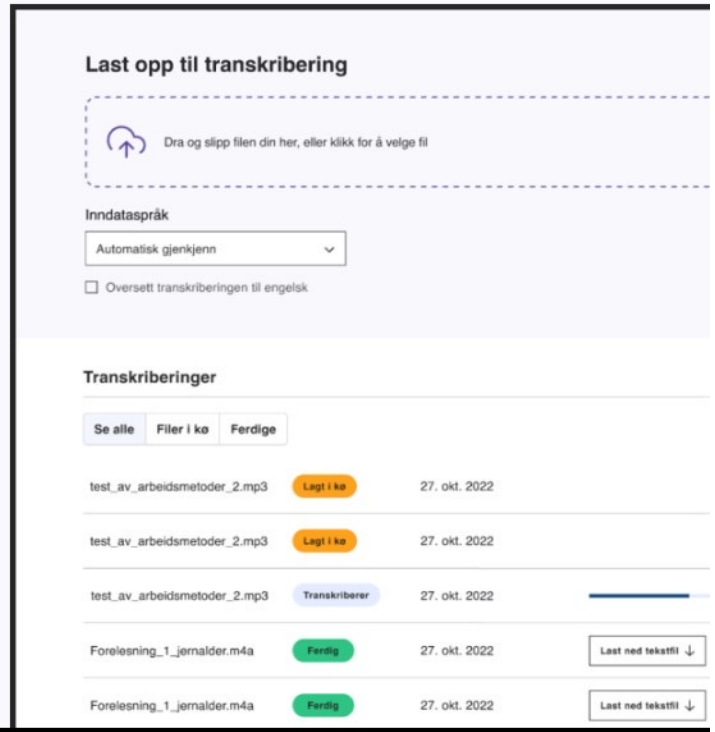
Language

Transcribe with Autotekst

With Whisper from OpenAI for transcriptions of high quality

- Upload your audio- or videofile and receive transcribed file in preferred format
- Choose to receive your transcription in the original language or translate to english
- The service runs on secure servers at University of Oslo

Log in with Feide

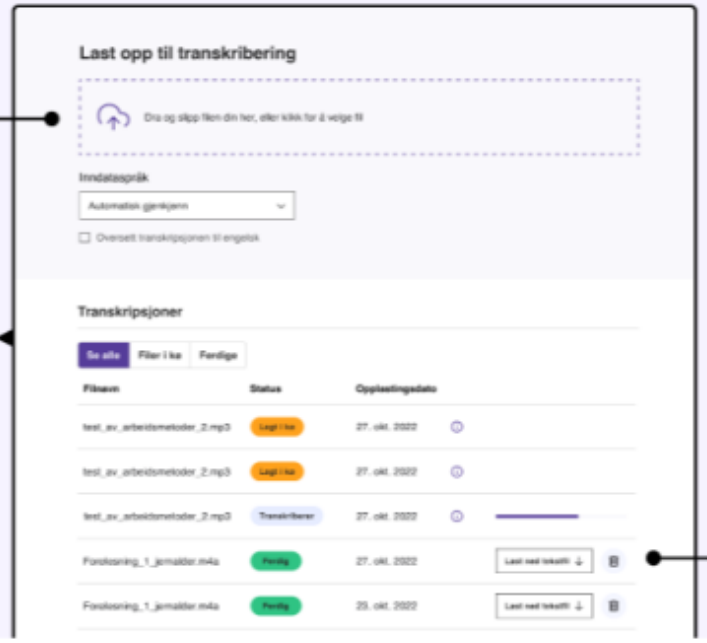


Autotekst

TERMS HELP CONTACT RESPONSIBLE FOR THIS SERVICE

Autotekst.uio.no

Last opp lyd og video



Transkriberte filer

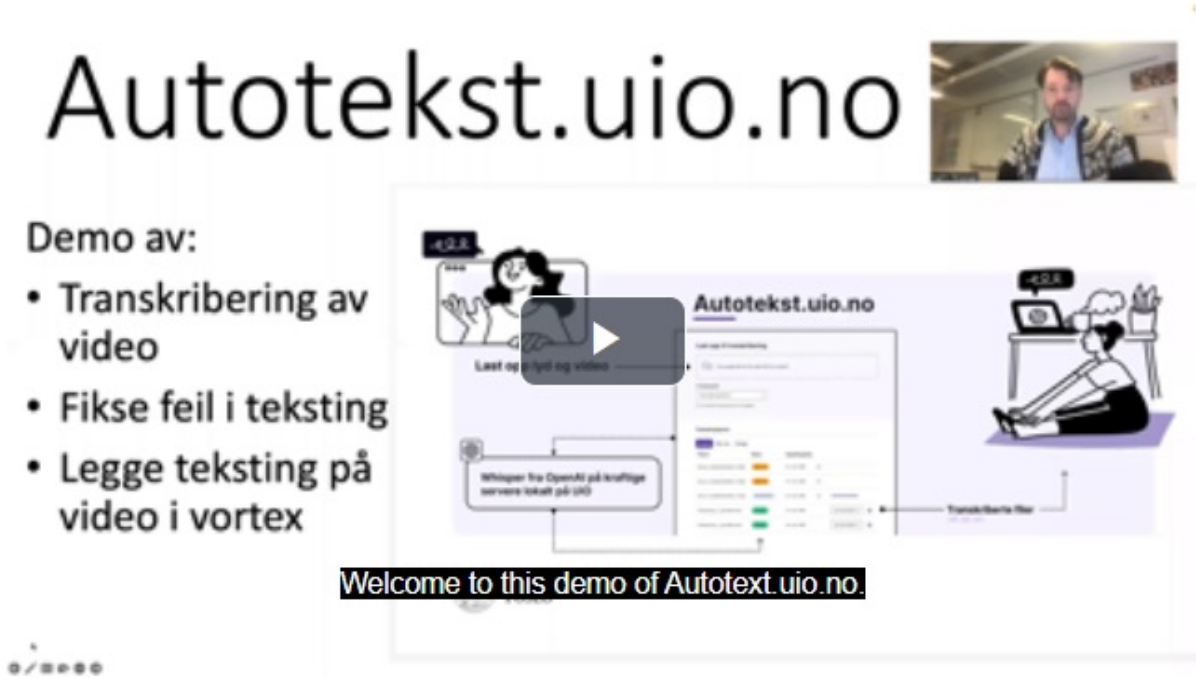
.vtt .txt .srt

Whisper fra OpenAI på kraftige servere lokalt på UiO

UNIVERSITETET I OSLO

Demo av autotekst med Whisper 2023

Denne videoen gjennomgår hvordan du laster opp en video i autotekst, henter ut teksting og legger det på en video som er lastet opp på uio.no.



Last ned videofil Last ned lydfil Bygg inn

Further reading and resources

- Jackson, K., & Bazeley, P. (2019). *Qualitative data analysis with NVivo* (3. ed.). Sage.
- Patton, M. Q. (2015). *Qualitative research & evaluation methods* (4. ed.). Sage.
- Tjora, A. (2019). *Qualitative research as stepwise-deductive induction* (Vol. 26, Routledge advances in research methods). Abingdon, Oxon: Routledge.
- Tjora, A. (2018). *Viten skapt : Kvalitativ analyse og teoriutvikling*. Oslo: Cappelen Damm akademisk.

- NVivo Teamwork: https://help-nv.qsrinternational.com/12/win/v12.1.112-d3ea61/Content/projects-teamwork/teamwork.htm
- Norwegian stop words:
  - https://stavanger.instructure.com/files/903420/download?download_frd=1
  - https://gist.github.com/kmelve/8869818
- Transcribe with Autotekst:
  - https://autotekst.uio.no/en

Please take a few minutes providing your feedback:

- Evaluation form - link: https://nettskjema.no/a/431467
- Evaluation form QR-kode: