

CS-E5250 Data-Driven Concept Design

5 ECTS

Introduction to ATLAS.ti

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Agenda

- A1 grading
- Getting started with ATLAS.ti
- Coding in ATLAS.ti
- Exporting and merging (collaboration)
- Intercoder agreement
- Mika introducing A2
- Work on your own, I'll be available if needed

A1 grading

Deliverable One (6 pt)

- 2 pt: ATLAS.ti installation and setting up the project file
- 4 pt: coding five transcripts
 - 2 pt: Sufficient level of coverage and detail (20+ codes in each transcript, at least 2 codes in each given category)
 - 2 pt: High quality, well-reasoned codes

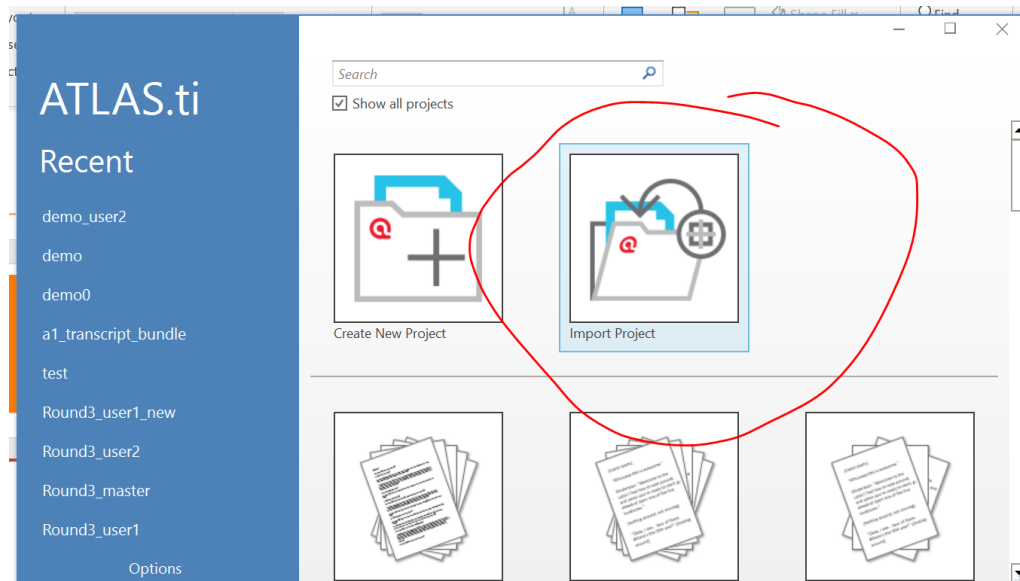
Deliverable Two (7 pt)

- 3 pt: collaborative merging of codes and intercoder agreement analysis
- 4 pt: content analysis
 - 1 pt: Summarize how different communication methods (conduits) positively affected one's sense of presence
 - 1 pt: Summarize how different communication methods (conduits) negatively affected one's sense of presence
 - 2 pt: Summarize how other factors not related to conduits (i.e. help, gameplay, interacting with the VE, visuals and audio, VR equipment, ...) affected the user experience

Getting started

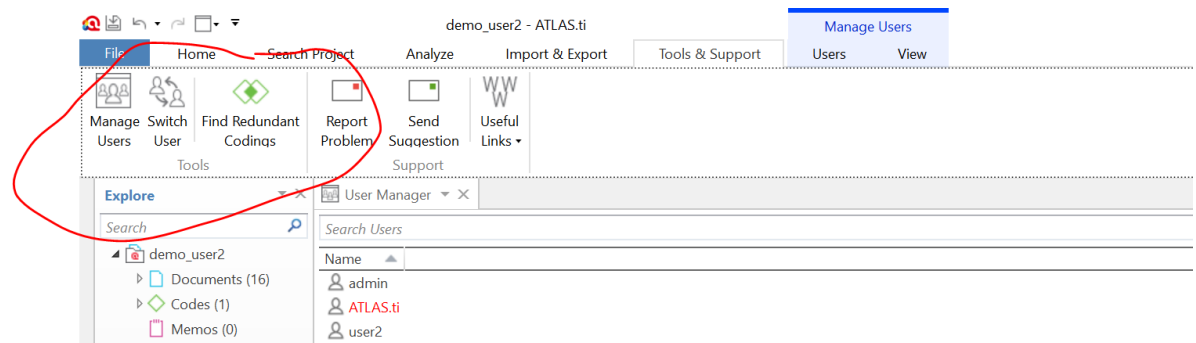
Importing the project bundle

- Download “a1_transcript_bundle.atlproj”
- Import project:



Creating a new user

- Lets you see who added which codes during merge.
IMPORTANT TO DO BEFORE CODING.
- Creating a new user
 - *Tools & Support > Manage Users*
- Switching to the new user
 - *Tools & Support > Switch Users*



Document manager

The screenshot displays the ATLAS.ti Document Manager interface for a user named 'demo_user2'. The interface is divided into several sections:

- Top Menu:** Includes 'File', 'Home', 'Search Project', 'Analyze', 'Import & Export', 'Tools & Support', 'Documents', 'Search & Filter', 'Tools', and 'View'.
- Documents Tab:** Contains icons for 'Open Network', 'Word Cloud', 'Word List', 'Report', and 'Excel Export'.
- Explore Pane:** Shows a tree view of the document structure under 'demo_user2', listing 16 documents from 'D 1: user1_transcript' to 'D 14: user14_transcript'. A red circle highlights 'D 6: user6_transcript'.
- Document Manager Table:** A table with columns: ID, Name, Media Type, Location, Groups, Quotations, and Created. The data is as follows:

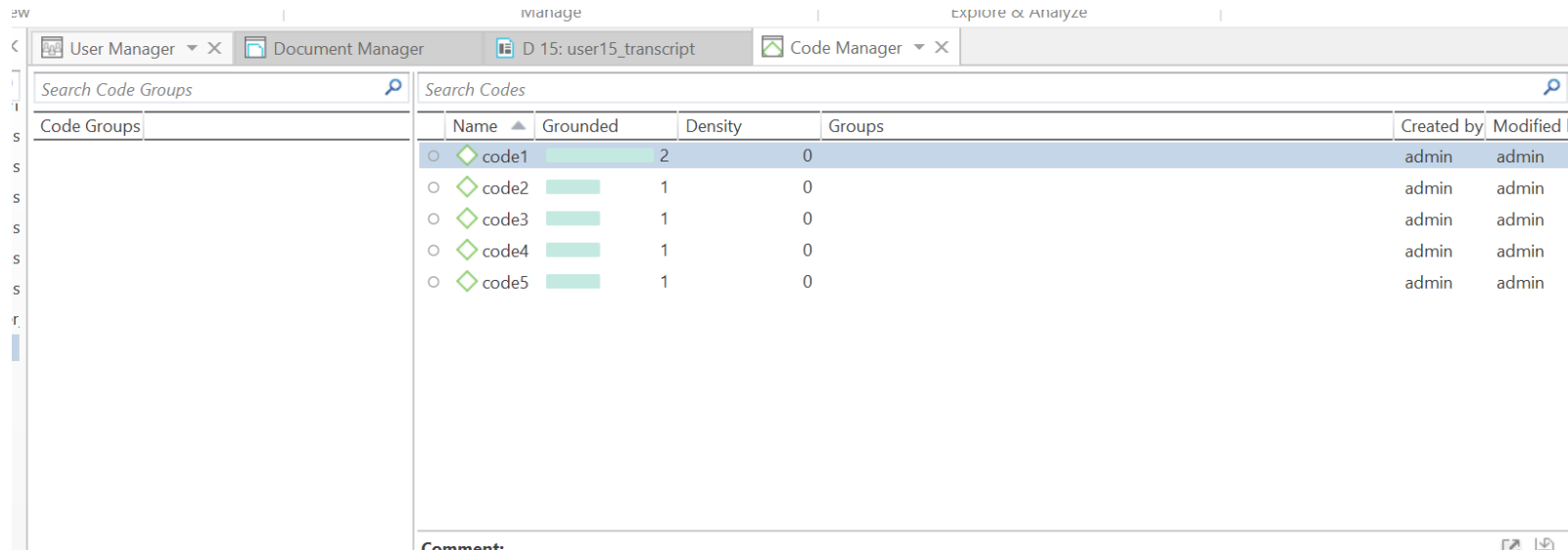
ID	Name	Media Type	Location	Groups	Quotations	Created
D 1	user1_transcript	PDF	Library		0	adr
D 2	user2_transcript	PDF	Library		0	adr
D 3	user3_transcript	PDF	Library		0	adr
D 4	user4_transcript	PDF	Library		0	adr
D 5	user5_transcript	PDF	Library		0	adr
D 6	user6_transcript	PDF	Library		0	adr
D 7	user7_transcript	PDF	Library		0	adr
D 8	user8_transcript	PDF	Library		0	adr
D 9	user9_transcript	PDF	Library		0	adr
D 10	user10_transcript	PDF	Library		0	adr
D 11	user11_transcript	PDF	Library		0	adr
D 12	user12_transcript	PDF	Library		0	adr
- Bottom Section:** Contains a 'Comment:' field and two status messages: 'Zero or multiple documents selected' and 'Zero or multiple items selected'.

Coding in ATLAS.ti

Codes

- Coding options under *Document* (selecting text in the document automatically opens up the coding options)
- **Open coding:** come up with and type in new code
- **Code in vivo:** use the selected text as a code
- **List coding:** choose from existing codes
- **Quick coding:** assign previous code

Code manager



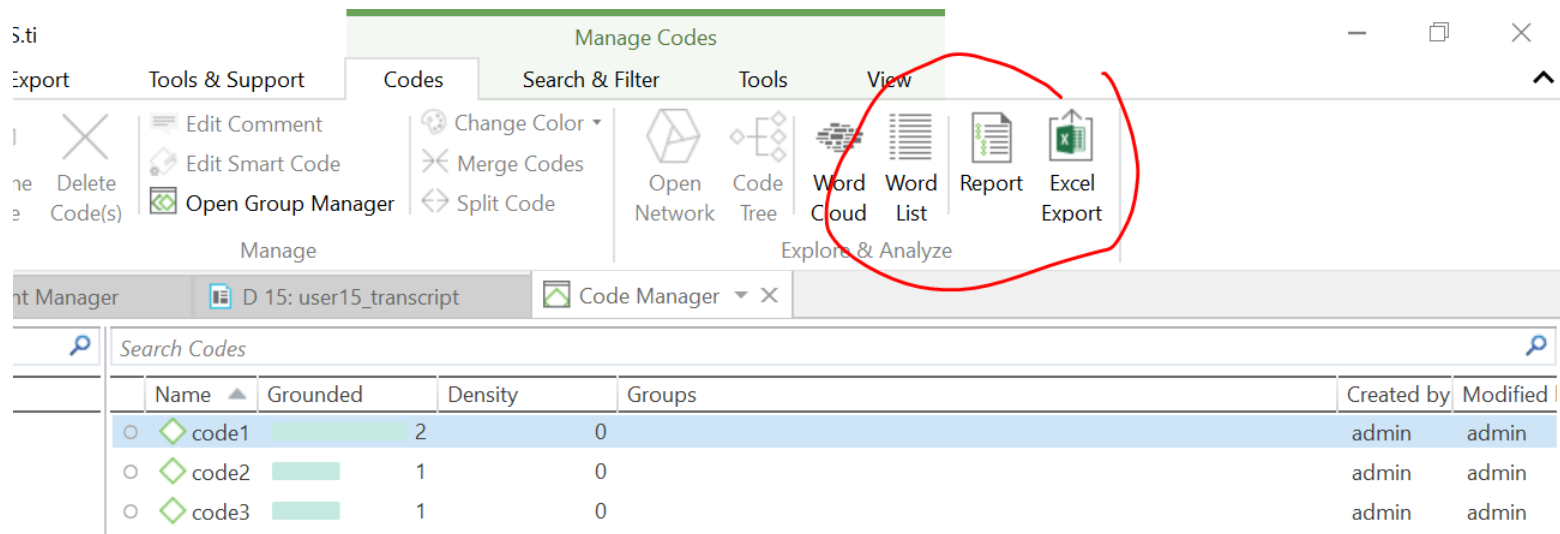
The screenshot shows the Code Manager interface with a table of code groups. The table has columns for Name, Grounded, Density, Groups, Created by, and Modified. The data is as follows:

Name	Grounded	Density	Groups	Created by	Modified
code1	2	0		admin	admin
code2	1	0		admin	admin
code3	1	0		admin	admin
code4	1	0		admin	admin
code5	1	0		admin	admin

- See how many times a code has occurred (“Grounded”) and who created it

Code report

- *Code Manager > Report*



The screenshot shows the 'Manage Codes' window in a software application. The 'Tools' tab is active, and the 'Report' and 'Excel Export' icons are circled in red. Below the toolbar, a table displays a list of codes with their properties.

Name	Grounded	Density	Groups	Created by	Modified
code1	2	0		admin	admin
code2	1	0		admin	admin
code3	1	0		admin	admin

Code group manager

- *Code Manager > Open Group Manager*

The screenshot displays the Code Group Manager interface. The top toolbar contains several icons, with the 'New Group' icon circled in red. The main window shows a table of code groups. Below the table, there are two sections: 'Codes in group' and 'Codes not in group'. The 'Codes in group' section lists code1, code2, and code3. The 'Codes not in group' section lists code4 and code5. A vertical toolbar with left and right arrow buttons is circled in red between the two code lists.

Name	Size	Modified by	Created	Modified
Group1	3	admin	13/01/2021 9:19	13/01/2021 9:19

Codes in group:

Name
code1
code2
code3

Codes not in group:

Name
code4
code5







Exporting and merging (collaboration)

Exporting and merging

- One person acts as the “admin” and merges the projects. Others export and send their project bundles over to them.
- **Exporting:** *File > Export > Project bundle*
- **Merging:** *File > Merge > Merge project bundle > fine the project bundle(s) that you were sent*
- When working in teams, share files amongst yourselves

Cleaning up

- Clean up duplicates (select both > right click > merge)
- Requires discussion... “what did you mean?”

	Name	Grounded	Density	Groups
<input type="radio"/>	code1		1	0
<input type="radio"/>	code1 (2)		2	0
<input type="radio"/>	code2		2	0
<input type="radio"/>	code3		1	0
<input type="radio"/>	codethree		1	0
<input type="radio"/>	code6		1	0

Intercoder agreement analysis

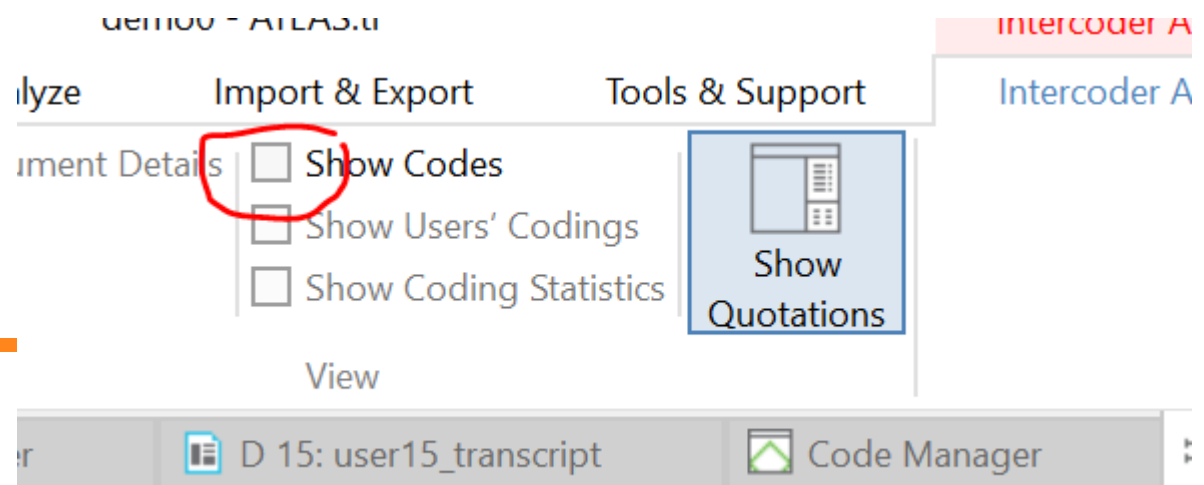
Intercoder agreement analysis

- How much did individual coders agree on their codes?
- See:
 - How often each of you used the same codes
 - Which parts of the document each of you coded (thought was important)

Intercoder agreement analysis

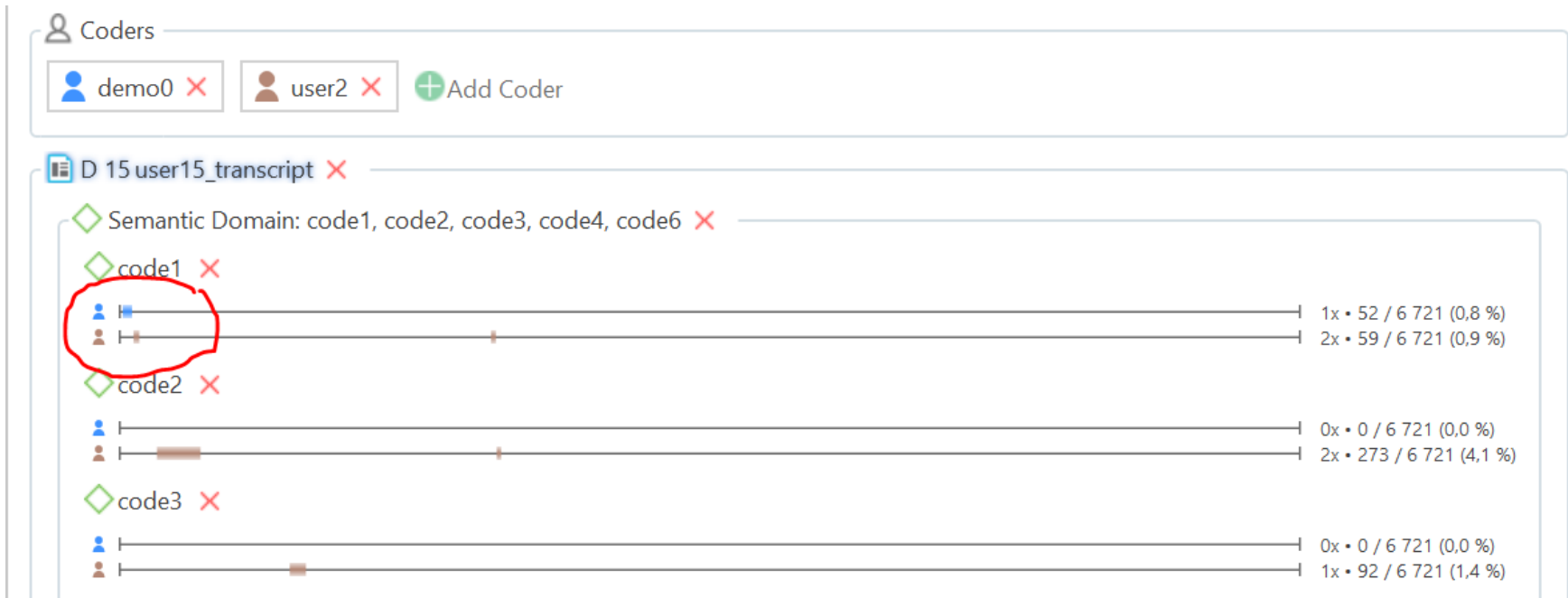
- Enable: *Analyze > Enable Intercoder Mode*
1. Add coders
 2. Add document(s)
 3. Add codes (by dragging them in below). This is your “semantic domain.”

(Show codes to get the bars)



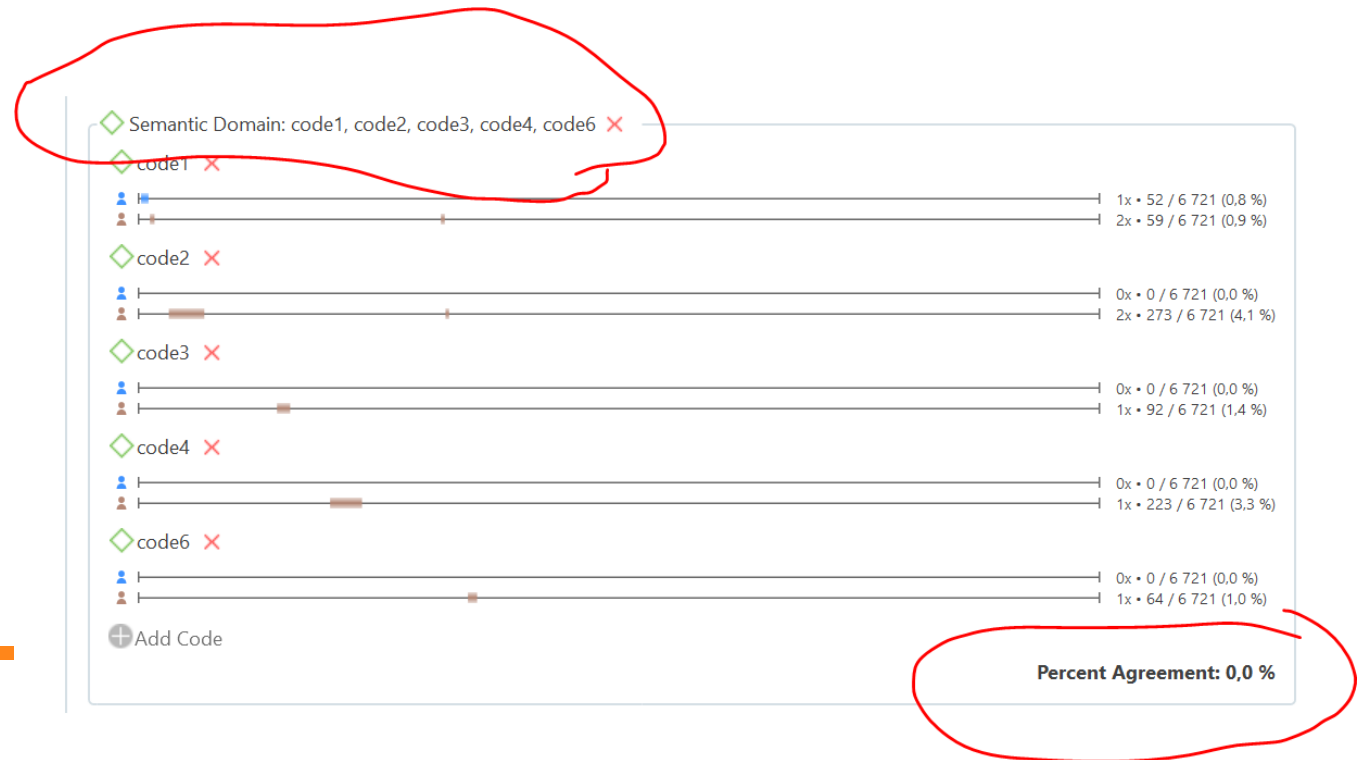
Intercoder agreement analysis

- For each element of the semantic domain, you see where in the document it occurs (per user)



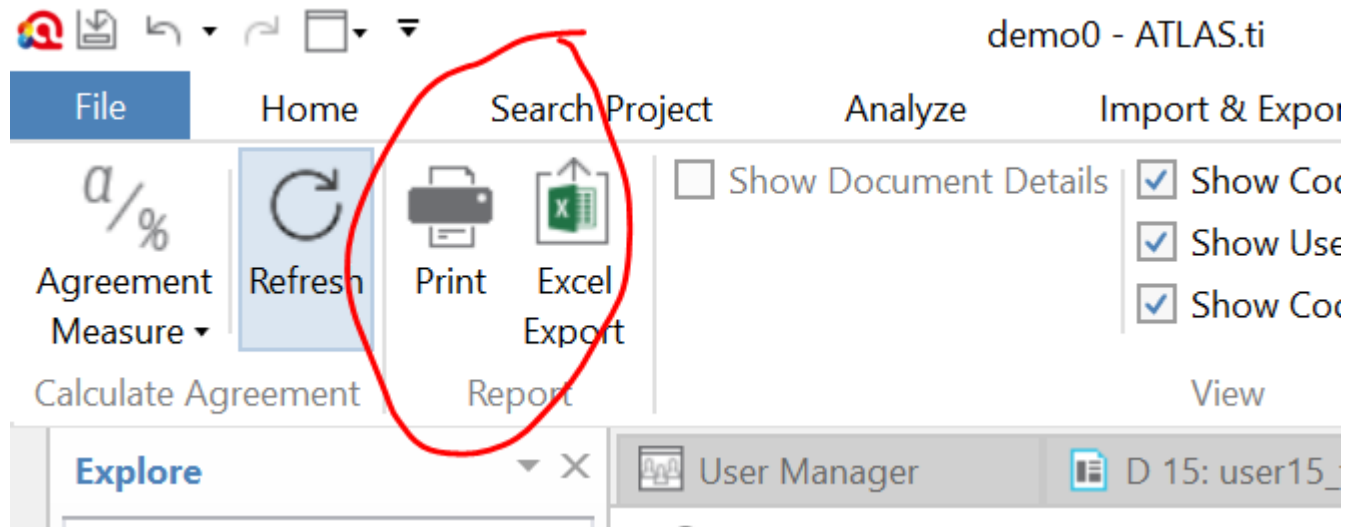
Intercoder agreement analysis

- Percentage Agreement will be calculated on all of the semantic domains. To get the percentage agreement for just one code, make it your only semantic domain.



Intercoder report

- Print it from *Intercoder Agreement* > *Print*, similar to the Code Report:



Good luck with Atlas.ti!