**Qualitative Coding and Analysis using NVivo**

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Date: 19th – 23rd September 2022

Time: 9-12 with coffee and fika (provided)

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| **Day** | **Room** | **Topic** |
| Mon | Eden 131 | Getting started |
| Tue | Hus G 119 | Coding strategies |
| Wed | Hus R:236 | Cases and classifications |
| Thu | Hus R 144 | Coding queries, Visualisation, drawing and verifying conclusions |
| Fri | Hus R:240 | Peer sharing and potential workshop on NCapture, Literature reviews |

This workshop introduces NVivo a computer-assisted qualitative data analysis software and explores how NVivo can help to address qualitative research problems, both in the abstract and via practical exercises. Over two and a half days the workshop will familiarise participants with the NVivo interface, importing and coding various file types, cases and classifications, visualising data as well as running queries. These hands-on exercises will explore how NVivo can help - not only store and sort data - but make the data speak and help to rigorously answer research questions. The practical work will be based on participants’ own data, but sample files are available for those who prefer.

**Learning outcomes**

After accomplishing this workshop, participants are expected to be able to:

* Set up a project and import different data types into NVivo.
* Create cases and classifications for the files.
* Code data
* Explore visualisations of the data and look for spontaneously emerging patterns
* Hypothesise and run queries to explore these

The workshop includes five half day sessions. Each session will cover a basic function and continues with exercises. Participants are encouraged to use their own data for the exercises, so please bring some of your own data: e.g. audio or transcribed interviews, twitter captures, photos, participant diaries etc. An example research project is also available. Please allow yourself some extra hours each day for coding.

Make sure you have the latest version of NVivo installed before Monday the 19th, contact service desk for help with installation 046-222 90 00 or servicedesk@lu.se.

**Getting started**

We will get oriented in the Nvivo interface, go through creating a new project as well as importing and organising sources. You will get a copy of and introduction to the workbook. Make sure you have downloaded NVivo to your computer and have the licence key. NVivo differs significantly between Mac and PC so make sure you do tutorials and trouble shoot for your computer.

**Coding strategies**

Start coding text sources with nodes, set-up node hierarchies and create classifications. Coding takes time some make sure you have some extra hours set aside.

**Cases and classifications**

Organise our material – we will set up variables in cases and classification and assign our sources. Cases are units of observation within your data, e.g. a specific person. Classifications are the categories which you can assign to your individual cases, e.g. "people".

**Visualisation**

We explore what codes can reveal about our data, visualising nodes and sources, work tree queries, word frequency and text search, and exporting simple reports.

**Coding queries**

Boolean logic, coding queries, compound queries and matrix queries. Figuring out what we want to ask NVivo and how to make it give us answers.

**Drawing and verifying conclusions**

We will discuss reasons for using case nodes, edit classifications, create case nodes and run matrix queries using variables, run matrix queries use cases and attributes to start drawing conclusions from our data. We will also experiment with different ways of checking our conclusions and discuss validity and reliability.

**Further resources**

* QSR video tutorials: http://www.qsrinternational.com/support\_tutorials.aspx
* Bazeley, P. and Jackson, K. (2013). Doing qualitative data analysis with NVivo. 2nd Ed.

London: SAGE.

* Mantra practical on research data management: http://datalib.edina.ac.uk/mantra/

softwarepracticals.html

* LinkedIn NVivo Users Group – good source of advice from experienced users.

https://www.linkedin.com/groups/NVivo-Users-Group-145388/about

* Billy Wong https://bit.ly/2DWPxQS