

Data Analysis, Sense-Making, and Communication of Findings

The assigned reading links and only place you can quote from other than the topics themselves

Chicago style format (in text citations as well no footer)

Macia, Laura. 2016. "Using Clustering as a Tool: Mixed Methods in Qualitative Data Analysis." University of Pittsburgh, January 27. <https://www.youtube.com/embed/sevKB74FLYs?wmode=opaque&rel=0>.

Srivastava, Prachi, and Nick Hopwood. 2009. "A Practical Iterative Framework for Qualitative Data Analysis." *International Journal of Qualitative Methods* 8 (1): 76–84. <https://doi.org/10.1177/160940690900800107>.

Blank, Grant. "Teaching Qualitative Data Analysis to Graduate Students." *Social Science Computer Review* 22, no. 2 (May 2004): 187–96. <https://doi.org/10.1177/0894439303262559>.

Glaser, Jochen and Grit Laudel. "Life with and without Coding: Two Methods for Early-Stage Data Analysis in Qualitative Research Aiming at Causal Explanations." *Forum : Qualitative Social Research* 14, no. 2 (2013). <https://search-proquest-com.ezproxy1.apus.edu/scholarly-journals/life-with-without-coding-two-methods-early-stage/docview/1356976111/se-2?accountid=8289>.

Pokorny, Jennifer J., Alex Norman, Anthony P. Zanesco, Susan Bauer-Wu, Baljinder K. Sahdra, and Clifford D. Saron. 2018. "Network Analysis for the Visualization and Analysis of Qualitative Data." *Psychological Methods* 23 (1): 169-183. doi:<http://dx.doi.org.ezproxy1.apus.edu/10.1037/met0000129>. <https://search-proquest-com.ezproxy1.apus.edu/scholarly-journals/network-analysis-visualization-qualitative-data/docview/1905844629/se-2?accountid=8289>.

Srivastava, Prachi, and Nick Hopwood. "A Practical Iterative Framework for Qualitative Data Analysis." *International Journal of Qualitative Methods*, (March 2009), 76–84. <https://doi.org/10.1177/160940690900800107>.

INSTRUCTIONS PLEASE READ

1. First Topic

National internal security policies across Europe – a comparative analysis applying big data clustering techniques is the article I picked for my first topic. My dissertation is at this time directed towards prison reform and lowering the recidivism rate. The article and qualitative data used is data that I will use. I have attached a link below.

<https://www-tandfonline-com.ezproxy1.apus.edu/doi/full/10.1080/2474736X.2020.1787796>

- DATA REDUCTION

What style of data reduction was used? Does it help or hurt the research? Would another form of data analysis been better?

As data foundation, we use a two-dimensional approach examining the dimensions of capabilities and punitivity with two variables for each. For the dimension of capabilities, we utilize the spending share of government budget for internal security and the relative number of police officers and for the punitivity dimension, we consider average prison terms and the share of alternatives to conventional incarceration.

The three key elements for the reduction of real and perceived insecurity are protection, prevention and sanctions. The relation between Internal Security, Urban Security and the 2-dimensional setup we apply is depicted in [Figure 1](#).

- IDENTIFYING NEW PATTERNS AND THEMES

identify five different clusters, namely a Western and Central European Cluster, a liberal Scandinavian cluster, two different Southern and Eastern European clusters with high capabilities and very uneven levels of punitivity, and one cluster with special cases with very infrequent use of alternatives to conventional punishment.

What was done that hadn't been done before? What new themes were shown?

- DISPLAYING THE DATA

The applied data is visualized in the following bar plots to highlight the distribution of the variables and to give a descriptive overlook over the data ([Figure 2](#)). As indicated by the descriptive analysis table (Table 1) and the visualization in [Figure 2](#), there are considerable differences between the examined security variables of the European countries

What was done? How was presented? How Could it have been better to display clustering of qualitative data?

- DRAWING CONCLUSIONS AND VERIFICATION OF THE FINDINGS

While there are numerous works researching specific policies in the fields of counterterrorism, law enforcement or immigration control, to mention just a few examples, very few explore the concept of internal security as a whole.

Add to conclusion to make overall last question easier.

1. Second Topic

Evaluating and comparing profiles of burglaries developed using three statistical classification techniques: cluster analysis, multidimensional scaling, and latent class analysis. This will give me meat for my dissertation to be able to show the crimes that are being committed and landing people back in prison.

