

Supplemental Materials: Detailed Coding Protocol and Analysis in Dedoose

Introduction

This supplemental material provides a detailed account of the coding protocol, codebook development, and analysis process utilized in our study on the associations between alcohol use and sexual violence on three public university campuses. Our analysis was conducted using Dedoose, a mixed-methods analysis software, which facilitated a rigorous, collaborative approach to qualitative research across different research sites.

A. CODING PROTOCOL

Initial Data Review

At the outset, the research team engaged in an initial review of the data collected from 86 in-depth interviews and 27 focus group discussions. This preliminary review was essential for familiarizing the team with the breadth and depth of the narratives provided by the participants.

Codebook Development in Dedoose

Using Dedoose, we developed a dynamic codebook to capture emerging themes related to alcohol consumption, consent, and sexual violence. The codebook evolution was an iterative process, beginning with an initial set of codes derived from both the literature review and insights from the preliminary data analysis. These initial codes were then refined, expanded, or consolidated based on ongoing analysis and team discussions.

- **Emic and Etic Codes:** Our coding strategy incorporated both emic (participant-driven) and etic (research-driven) perspectives. Emic codes captured participants' descriptions and interpretations of their experiences, while etic codes were informed by existing literature and theoretical frameworks, particularly focusing on the temporal aspects of alcohol consumption and sexual violence.
- **Code Definitions and Examples:** Each code was clearly defined in Dedoose, with specific examples from the data provided to guide the coding process. This ensured that all team members had a consistent understanding of each code's application.

Coding Process and Ensuring Reliability

- **Collaborative Coding:** Multiple team members independently coded each transcript in Dedoose, allowing for a rich, multidimensional analysis of the data. This collaborative approach facilitated a comprehensive exploration of the themes within and across transcripts.
- **Inter-Rater Reliability Meetings:** To ensure the reliability of our coding, the team held regular meetings to compare the codes assigned by each coder to specific passages. These meetings were crucial for discussing any discrepancies, clarifying misunderstandings, and reaching consensus on the most appropriate codes for each data segment.
- **Codebook Refinement:** Based on discussions in inter-rater reliability meetings, the codebook was periodically revised in Dedoose. This involved adding new codes, merging overlapping codes, or refining code definitions to better capture the nuances of the data.

B. FINAL CODEBOOK

The final codebook, accessible within Dedoose, includes a comprehensive list of codes with their definitions, examples from the data, and notes on their application. This codebook reflects the culmination of our collaborative, iterative coding process and serves as the foundation for our thematic analysis.

UC Speaks Up Code Book

- Trauma informed
 - Healing
- Prevention
- Bystander intervention
 - Drunk friend
 - Social circle
- Alcohol
 - Blacking out
 - Off-campus
 - Social norms
 - Drunkness
 - Family
 - Friends
 - Social Consequences
- Greek Life
- Campus Culture
 - Athletics
 - Drugs
 - Going out
 - Graduate student perspective
 - Hook up
- Existing services
 - Awareness of
 - Institution
 - Initiatives
 - Interventions
 - Policies
 - Trust
 - Prevention
 - Counseling and psychological services (CAPS)
 - In-person
 - NCAA requirement
 - Online training
 - Online training, athlete-only
 - Other resources
 - Response
 - Campus Assault, Resource and Education program (CARE)

- Campus Security Officers
 - Non-campus resources
 - Title IX
- UCPD/ police
- Existing trainings
 - Alcohol Education
 - Athletics training
 - Bystander intervention training
 - Greek training
 - New student orientation
 - Teacher's Assistant (TA) training
 - University employee training
- Knowledge, awareness
 - #MeToo Movement
 - Campus Sexual Violence
 - Definitions
 - Consent
 - Dating violence
 - Sexual assault
 - Sexual harassment
 - Unclear/confused
 - Grey area
 - Reasons for not reporting
 - Risk factors
 - Off-campus housing
 - Perpetrators
 - Spaces
 - Victims
 - Who perpetrates
 - Why sexual violence happens
- Recommendations
 - Campus culture
 - Policy
 - Responses
 - Services
 - Student engagement
 - Trainings

C. EXAMPLES OF CODED TRANSCRIPTS

To illustrate the coding process and the application of the codebook, selected excerpts from the coded transcripts are provided. These examples demonstrate how specific codes were applied to the text and how the analysis led to the identification of major themes related to alcohol use and experiences of sexual violence. For confidentiality and ethical considerations, all identifying information has been removed or anonymized.

Code Examples

Parent code: Alcohol

Child code: Blacking out

In-depth interview

Uh [sexual violence is] a very sensitive topic, a lot of people repress stuff like that. I think alcohol has a huge part to do with it. Some memories in some cases might be super blurry if not completely gone, be that with just alcohol or drugs involved.

Parent code: Alcohol

Child code: Going out

In-depth interview

Like the more I feel like the more social events there are, the more like the more students that go out, they, they're more at risk. You know what I mean? That's like a correlation.

Parent code: Alcohol

Focus group discussion

I do think [sexual violence] does happen, especially with people that drink and let themselves become intoxicated on whatever kind of drug. Like it's pretty much bound to happen at some point. Not to blame victims or people who get intoxicated, but you know what I mean? People will take advantage of people who are intoxicated. And people that are intoxicated have worse judgment and are more likely to do stupid things and inconsiderate things. I would go a lot further than inconsiderate but terrible things like sexual assault.

Conclusion

These supplemental materials are intended to offer transparency into our analytical process and to provide a resource for researchers interested in conducting similar studies or utilizing Dedoose for qualitative analysis.