

Data Analysis

Content Analysis

Qualitative content analysis is an iterative process of coding, counting, and interpreting a data set to determine the presence of certain words, themes and concepts. This can be done inductively or deductively often using word frequencies, phrases and concepts to help support the significance of a topic.

Peer reviewed articles

Bengtsson M. How to plan and perform a qualitative study using content analysis. *NursingPlus Open*. 2016;2(2):8-14. doi:<https://doi.org/10.1016/j.npls.2016.01.001>

Crowe M, Inder M, Porter R. Conducting qualitative research in mental health: Thematic and content analyses. *Australian & New Zealand Journal of Psychiatry*. 2015;49(7):616-623. doi:<https://doi.org/10.1177/0004867415582053>

Elo S, Kääriäinen M, Kanste O, Pölkki T, Utriainen K, Kyngäs H. Qualitative Content analysis: a Focus on Trustworthiness. *SAGE Open*. 2014;4(1):1-10. doi:<https://doi.org/10.1177/2158244014522633>

Hsieh HF, Shannon SE. Three Approaches to Qualitative Content Analysis. *Qualitative Health Research*. 2005;15(9):1277-1288. doi:<https://doi.org/10.1177/1049732305276687>

Vaismoradi M, Jones J, Turunen H, Snelgrove S. Theme development in qualitative content analysis and thematic analysis. *Journal of Nursing Education and Practice*. 2019;6(5):100-110.

Vaismoradi M, Turunen H, Bondas T. Content analysis and thematic analysis: Implications for conducting a qualitative descriptive study. *Nursing & Health Sciences*. 2013;15(3):398-405. doi:<https://doi.org/10.1111/nhs.12048>

Vears DF, Gillam L. Inductive Content analysis: a Guide for Beginning Qualitative Researchers. *Focus on Health Professional Education: a Multi-Professional Journal*. 2022;23(1):111-127. doi:<https://doi.org/10.11157/fohpe.v23i1.544>

Exemplars

Swärdh E, Nordgren B, Opava CH, Demmelmaier I. "A Necessary Investment in Future Health": Perceptions of Physical Activity Maintenance Among People With Rheumatoid Arthritis. *Physical Therapy*. 2020;100(12):2144-2153. doi:<https://doi.org/10.1093/ptj/pzaa176>

Texts

Mayring P. *Qualitative Content Analysis : A Step-By-Step Guide*. SAGE; 2021.

Udo Kuckartz, Rädiker S. *Qualitative Content Analysis*. SAGE; 2023.

Videos/Podcasts

Between the Data - NVivo Podcast Series: Episode 61: Navigating Inductive Content Analysis in Qualitative Research on Apple Podcasts. Apple Podcasts. Accessed June 26, 2024.

<https://podcasts.apple.com/us/podcast/episode-61-navigating-inductive-content-analysis-in/id1510812834?i=1000641703905>