

Getting started with video analysis

This is a short guide on literature related to the use of video analysis in research. The list below is an introduction to literature on video analysis (it is not a comprehensive literature review of the field) and should be viewed as a starting point for researchers and students interested in using video analysis in their work.

We recommend going through our tutorials on collecting, editing and transcribing video data for more extensive insight into using video analysis.

Books:

Video analysis is presented and discussed in a range of different text books (listed below). Each of these books offers a thorough introduction to video analysis – everything from practical considerations to the theoretical and methodological underpinnings:

Daidsen, J., & Kjær, M. (red.) (2018). *Videoanalyse af social interaktion*. Samfundslitteratur. (in Danish)

Due, B. (2017). *Multimodal interaktionsanalyse: med videoetnografisk dataindsamling*. København: Samfundslitteratur. (in Danish)

Goldman, R., Pea, R., Barron, B., & Derry, S. (Eds.). (2007). *Video research in the learning sciences*. Mahwah, N.J.: Lawrence Erlbaum Associates.

Harris, A. M. (2016). *Video as method*. Oxford ; New York: Oxford University Press.

Heath, C., Hindmarsh, J., & Luff, P. (2010). *Video in qualitative research : analysing social interaction in everyday life*. Los Angeles: SAGE.

Kissmann, U. (2009). *Video interaction analysis: Methods and methodology* (U. Kissmann, Ed.). Frankfurt am Main ; New York: Peter Lang.

Shrum, W., & Scott, G. (2017). *Video ethnography in practice: Planning, shooting, and editing for social analysis*. Thousand Oaks, CA: SAGE.

Articles:

Below is unexhaustive list of papers using video analysis to explore a practice. Video analysis is applied in a variety of fields e.g. mobility studies, learning and instruction, health, human computer interaction, and everyday interaction. The list should be viewed as inspirational for researcher and students that wants to know more about how to conduct video-based studies.

Bernhard, J., Carstensen, A.-K., Davidsen, J., & Ryberg, T. (2019). Practical epistemic cognition in a design project – engineering students developing epistemic fluency. *I E E Transactions on Education*. <https://doi.org/10.1109/TE.2019.2912348>

Büscher, M. (2005, March 31). Social Life Under the Microscope? [Text.Article]. Retrieved 31 May 2016, from <http://www.socresonline.org.uk/10/1/Buscher.html>

Goodwin, C. (2000). Practices of Color Classification. *Mind, Culture, and Activity*, 7(1–2), 19–36. <https://doi.org/10.1080/10749039.2000.9677646>

Goodwin, C. (2017). *Co-operative action*. Cambridge University Press.

Heath, C., & Hindmarsh, J. (2002). Analysing interaction. *Video Ethnography*. Retrieved from <http://cseweb.ucsd.edu/~goguen/courses/271/heath02.pdf>

Hindmarsh, J., & Pilnick, A. (2007). Knowing Bodies at Work: Embodiment and Ephemeral Teamwork in Anaesthesia. *Organization Studies*, 28(9), 1395–1416. <https://doi.org/10.1177/0170840607068258>

Koskinen, A., Seitamaa-Hakkarainen, P., & Hakkarainen, K. (2015). Interaction and Embodiment in Craft Teaching. *Techne Series - Research in Sloyd Education and Craft Science A*, 22(1). Retrieved from <https://journals.hioa.no/index.php/techneA/article/view/1253>

Lindwall, O., & Ekström, A. (2012). Instruction-in-Interaction: The Teaching and Learning of a Manual Skill. *Human Studies*, 35(1), 27–49. <https://doi.org/10.1007/s10746-012-9213-5>

Luff, P., & Heath, C. (2012). Some ‘technical challenges’ of video analysis: Social actions, objects, material realities and the problems of perspective. *Qualitative Research*, 12(3), 255–279. <https://doi.org/10.1177/1468794112436655>

McIlvenny, P. (2011). Video Interventions in ‘Everyday Life’: Semiotic and Spatial Practices of Embedded Video as a Therapeutic Tool in Reality TV Parenting Programmes. *Social Semiotics*, 21(2), 259-288. <https://doi.org/10.1080/10350330.2011.548648>

Mcilvenny, P. B. (2017). Mobilising the Micro-Political Voice: Doing the ‘Human Microphone’ and the ‘Mic-Check’. *Journal of Language and Politics*, 16(1), 112-138. <https://doi.org/10.1075/jlp.16.1.06mci>

Mcilvenny, P. B. (2018). Inhabiting Spatial Video and Audio Data: Towards a Scenographic Turn in the Analysis of Social Interaction. *Social Interaction. Video-Based Studies of Human Sociality*, 2(1). <https://doi.org/10.7146/si.v2i1.110409>

Plowman, L., & Stephen, C. (2008). The big picture? Video and the representation of interaction. *British Educational Research Journal*, 34(4), 541.

Raudaskoski, P. L. (2019). *Analysing the complexity of nature hikes with 360-degree and stereoscopic video recordings*.

Other:

Below is a list of publications discussing video based research on a more general level

Mcilvenny, P. B., & Davidsen, J. (2017). A Big Video Manifesto: Re-sensing Video and Audio. *Nordicom Information*, 39(2), 15-21.