

Appendix B – Further reading of literature providing guidance for SCOBe research

“Guidelines for reporting research using Systematic Coding of Observed human Behaviour (SCOBe)”; Hillen et al.; Quality and Quantity

Corresponding author affiliation: Dr. M.A. Hillen; Dep. Medical Psychology, Amsterdam Public Health, Amsterdam UMC, Amsterdam, the Netherlands; m.a.hillen@amsterdamumc.nl

Authors	Field of publication	Focus of guidance
1. Hartman et al., 2003 [1]	Psychology	Comprehensive guidance
2. Pellegrini et al., 2012 [2]	Developmental psychology	Comprehensive guidance
3. Margolin et al., 1998 [3]	Developmental psychology	Comprehensive guidance
4. Chorney et al, 2015 [4]	Pediatric psychology	Comprehensive guidance
5. Portell et al., 2015 [5]	Behavioural research	Comprehensive guidance
6. Yoder & Symons, 2010 [6]	Behavioural research	Comprehensive guidance
7. Furr et al., 2007 [7]	Social psychology	Comprehensive guidance
8. Aspland et al., 2003 [8]	Developmental psychology	Discipline specific guidance
9. Van Dulmen et al., 2012 [9]	Healthcare communication	Discipline specific guidance
10. Anguera et al., 2018 [10]	Psychology	Development of a coding framework
11. Koo & Lie, 2016 [11]	Medicine	Guidance on inter-rater reliability
12. Bakeman et al., 2009 [12]	Behavioural research	Guidance on inter-rater reliability
13. Hallgren, 2012 [13]	Psychology	Guidance on inter-rater reliability
14. Dishion et al. 2017 [14]	Developmental Psychology	Guidance on code application
15. Levine et al., 2023 [15]	Psychology	Ethical considerations
16. Legewie & Nassauer, 2018 [16]	Social sciences	Ethics of video recording
17. Soto et al., 2022 [17]	Sports and health	Example of coding software

References

- [1] Hartmann DP, Barrios BA, Wood DD. Principles of behavioral observation. Comprehensive handbook of psychological assessment. 2003;3:108-27.
- [2] Pellegrini AD, Symons F, Hoch J. Observing children in their natural worlds: A methodological primer: Psychology Press; 2012.
- [3] Margolin G, Oliver PH, Gordis EB, O'hearn HG, Medina AM, Ghosh CM, Morland L. The nuts and bolts of behavioral observation of marital and family interaction. Clinical child and family psychology review. 1998;1:195-213.
- [4] Chorney JM, McMurtry CM, Chambers CT, Bakeman R. Developing and modifying behavioral coding schemes in pediatric psychology: a practical guide. Journal of pediatric psychology. 2015;40:154-64.
- [5] Portell Vidal M, Anguera Argilaga MT, Chacón Moscoso S, Sanduvete Chaves S. Guidelines for reporting evaluations based on observational methodology. Psicothema, 27 (3), 283-289. 2015.
- [6] Yoder P, Symons F. Observational measurement of behavior: Springer Publishing Company; 2010.
- [7] Furr RM, Funder DC. Behavioral observation. Handbook of research methods in personality psychology. 2007:273-91.
- [8] Aspland H, Gardner F. Observational measures of parent-child interaction: an introductory review. Child and Adolescent Mental Health. 2003.
- [9] van Dulmen S, Humphris G, Eide H. Towards a guideline for person-centered research in clinical communication; lessons learned from three countries. International Journal of Person Centered Medicine. 2012;2:58-63.
- [10] Anguera MT, Portell M, Chacón-Moscoso S, Sanduvete-Chaves S. Indirect observation in everyday contexts: concepts and methodological guidelines within a mixed methods framework. Frontiers in psychology. 2018;9:13.
- [11] Koo TK, Li MY. A guideline of selecting and reporting intraclass correlation coefficients for reliability research. Journal of chiropractic medicine. 2016;15:155-63.

- [12] Bakeman R, Quera V, Gnisci A. Observer agreement for timed-event sequential data: A comparison of time-based and event-based algorithms. *Behavior Research Methods*. 2009;41:137-47.
- [13] Hallgren KA. Computing inter-rater reliability for observational data: an overview and tutorial. *Tutorials in quantitative methods for psychology*. 2012;8:23.
- [14] Dishion TJ, Mun CJ, Tein J-Y, Kim H, Shaw DS, Gardner F, Wilson MN, Peterson J. The validation of macro and micro observations of parent–child dynamics using the relationship affect coding system in early childhood. *Prevention Science*. 2017;18:268-80.
- [15] Levine M, Philpot R, Nightingale S, Kordoni A. *Visual Digital Data, Ethical Challenges and Psychological Science*. 2023.
- [16] Legewie N, Nassauer A. YouTube, Google, Facebook: 21st century online video research and research ethics. *Forum Qualitative Sozialforschung/Forum: Qualitative Social Research: DEU*; 2018. p. 21.
- [17] Soto-Fernández A, Camerino O, Iglesias X, Anguera MT, Castañer M. LINCE PLUS software for systematic observational studies in sports and health. *Behavior research methods*. 2022:1-9.