



Lifelong Learning Programme

comenius

DELECA

Ethics, reliability, validity

Module 2



DELECA

Data collecting ethics

- Obtaining informed consent
- Ensuring confidentiality
- Ethical use of findings
- Respect of intellectual property
- Respect of diversity, personality
- Ensuring of anonymity
- Professionalism
- Legality




Reliability

- The extent to which a test or procedure produces similar results under constant conditions on all occasions




Checking of reliability

- Test and retest,
- Alternative forms, methods,
- Split half method




Validity

- It tells us whether an item measures or describes what is supposed to measure or describe



Validity


- Conclusions are linked to the aim of the research
- Contains the information about the content of the data/results/evidence
- Allows the researcher to do conclusions and make decisions



★ ★ ★ ★ ★ DELECA

Proofs of validity

- Content
- Criteria
- Constructs



★ ★ ★ ★ ★ DELECA

Triangulation – establishing validity in qualitative studies

- Data triangulation
- Investigator triangulation
- Theory triangulation
- Methodological triangulation
- Environmental triangulation



References

- www.teachers.org.uk/observation.
- Kevin McCune The Cliff notes version A Learning Walk with Reflective Questionnairng
- <http://learningwalks.wikifoundry.com/page/Learning+walk+Information>
- Earl, L. & Katz, S. (2006). *Leading schools in a data-rich world. Harnessing data for school improvement*. Thousand Oaks: Corwin Press.
- Bell, J.(1989)Doing your research project. Open University Press
- Cropley, A (2002)Qualitative Research Methods. University of Latvia.
- Denscombe, M (2001).The good research guide. Open University Press.
- Institute of Educational Leadership. (2013). *From Research Policy to Effective Practice: Ideas Into Action for School and System Leaders*. www.education-leadership-ontario.ca
- Stoll, L. & Fink, D. (1996). *Changing our Schools*. Buckingham, Philadelphia: Open University Press.
- Lisa A. Guion, David C. Diehl, and Debra McDonald. (2013) Triangulation: Establishing the Validity of Qualitative Studies. <https://edis.ifas.ufl.edu/fy394>
- Golafshani, N. (2003). Understanding reliability and validity in qualitative research. *The Qualitative Report*, 8(4), 597–607. <http://www.nova.edu/ssss/QR/QR8-4/golafshani.pdf>