





















2. Increase the Level of Measurement.
Indicators at higher or more precise levels of measurement are more likely to be reliable than less precise measures because the latter pick up less detailed information.
If more specific information is measured, then it is less likely that anything other than the construct will be captured.







 Reliability can be improved by using a pre-test/pilot version of a measure first. Develop one or more draft or preliminary versions of a measure and try them before applying the final version.

- This takes more time and effort.
- If while search the literature you find measures (i.e., questionnaire etc.) from past research, go ahead and use it.
 - build on and use a previous measure if it is a good one (citing the source!).
 - In addition, you may also want to add new indicators and compare them to the previous measure.

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3.2. predictive validity "A criterion validity whereby an indicator predicts future events that are logically related to a construct" is called predictive validity". Not used for all measures. • The measure and the action predicted must be distinct from but indicate the same construct. E.g., The Scholastic Assessment Test (SAT) that many U.S. High school students take measures scholastic aptitude – the ability of a student to perform in college. - If SAT has high predictive validity, then students who get high SAT scores will subsequently do well in college. But if no then, SAT has low predictive validity. Dr. Syed Owais, Department of Sociology, 03/04/2020 24 University of Peshawar 24



 If a measure (especially a questionnaire) is measuring something in terms of "high and low", e.g., political conservatism, it can be pilot-tested on Another way to test predictive validity is to select a group of people who have specific characteristics and predict how they will score (very high or very low) vis-a-vis the construct. I "validate" the measure with the groups-that is, I pilot-test it by using it on members of the groups. It can then be used as a measure of political conservatism for the general public.

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