

# Assessing Multi-Level Contexts

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## Three main assessment approaches

- Qualitative
- Quantitative
- Mixed

## Assessment tools for commonly used implementation science frameworks

- See resources and references below
- Mostly qualitative, few quantitative, some mixed

## Pros and cons of going qualitative

Quick and easy  
Works with small samples  
Potential for richness, depth, and nuance  
Builds rapport, fosters empathy

Few templates for interview guides and codebooks  
Interview guides and codebooks often not available  
Challenging to write interview questions for abstract concepts  
Challenging to code abstract concepts in natural language

## Instrumentation issues in implementation science

- Measures are poorly distributed across implementation science constructs
- Many measures have unknown or dubious quality
- Measures exhibit synonymy, homonymy, and instability
- Measures lack practicality
- Measures are hard to find

## Key resources and references:

[SIRC Instrument Review Project](#)

[episframework.com](#)

[cfirguide.org](#)

[re-aim.org](#)

[TICD Checklist](#)

[PhenX Toolkit](#)

[Systematic Reviews of Methods to Measure Implementation Constructs: SIRC IRP](#)

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## An exercise in writing interview questions and survey items

**Leadership engagement** is defined in the Consolidated Framework for Implementation Research as “the commitment, involvement, and accountability of leaders and managers with the implementation” (Damschroder et al 2009, p. 9). Leadership has been shown to be an important factor in implementation success.

Write three to five interview questions to gauge leadership engagement in the implementation of an evidence-based practice in an organizational setting of your choosing. Leadership engagement, as the definition implies, is a multi-faceted construct. Consider how you will capture the fullness of this construct. You are free to write sub-questions follow-up questions to probe more deeply.

Q1:

Q2:

Q3:

Now, write several survey items to assess leadership engagement. Consider how you will capture the fullness of this construct.

Q1:

Q2:

Q3:

Q4:

Q5:

Q6:



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