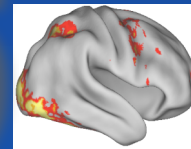


CNTRICS



**Cognitive Neuroscience Treatment Research
to Improve Cognition in Schizophrenia**

What “Psychometric” Criteria Should We Use?

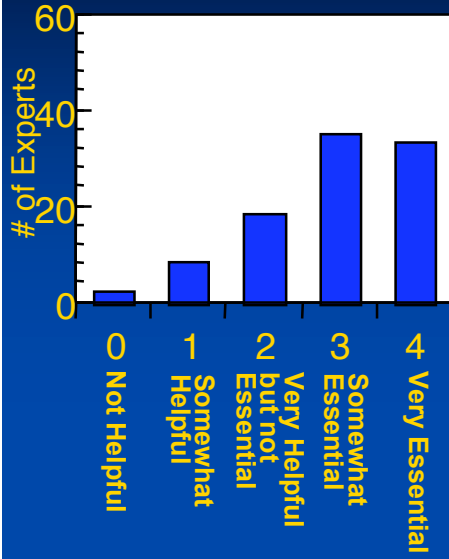
- Internal Consistency
- Test-Retest Reliability
- Alternate Form Reliability
- Short Length
- Adequate Number of Trials to Assess Construct
- Construct Validity
- Lack of Practice Effects
- Lack of Ceiling/Floor Effects

Rating Scale

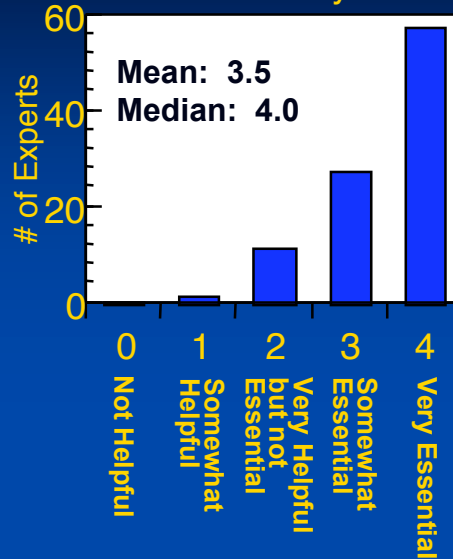
Not Necessary	Somewhat Helpful	Very Helpful But Not Essential	Somewhat Essential	Very Essential
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Results - Small Scale Clinical Trials (Phase 1/2)

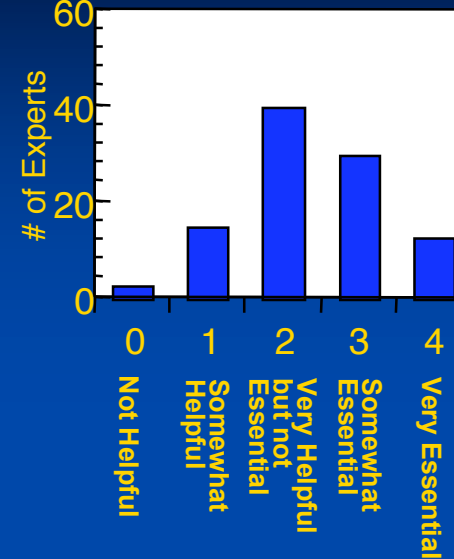
Internal Consistency



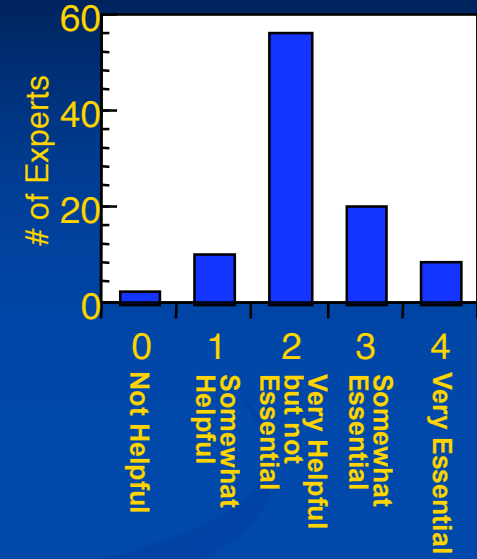
Test-Retest Reliability



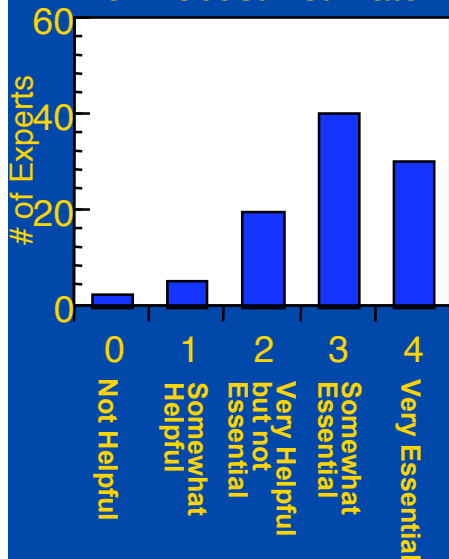
Alternate Form Reliability



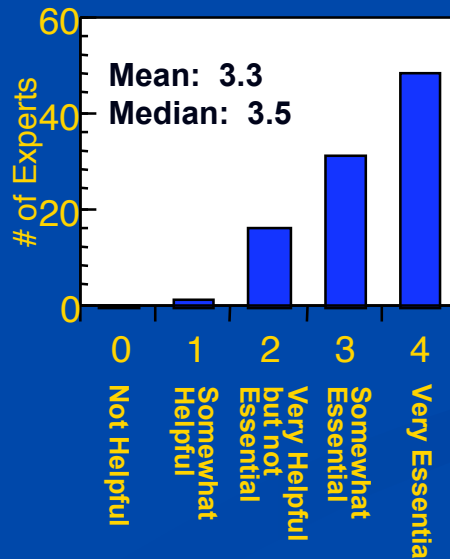
Short Length



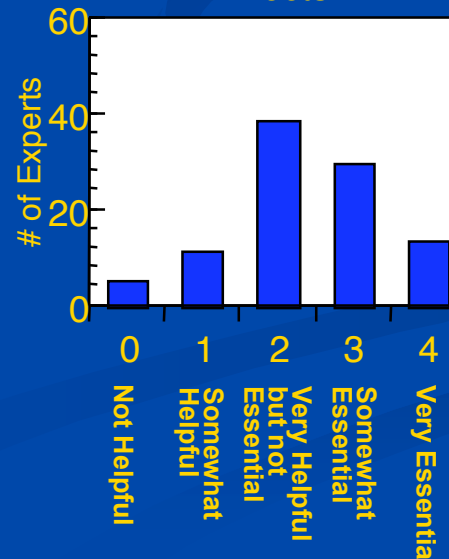
Adequate Number of Trials for Robust Estimate



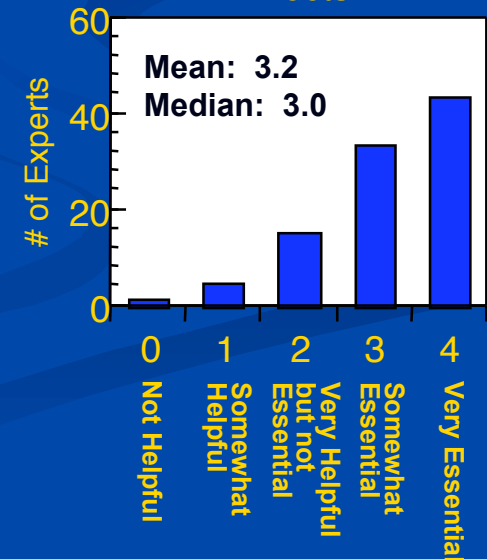
Construct Validity



Lack of Practice Effects

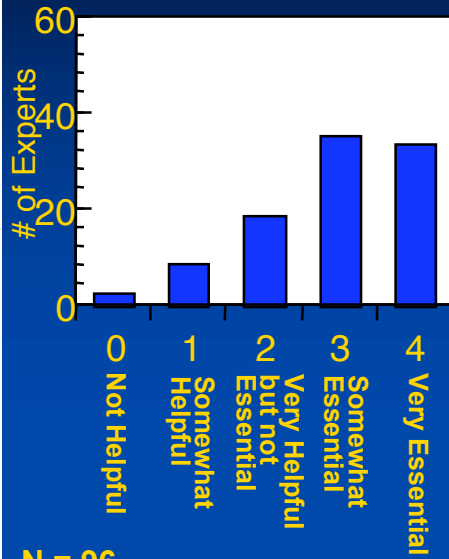


Lack of Ceiling/Floor Effects



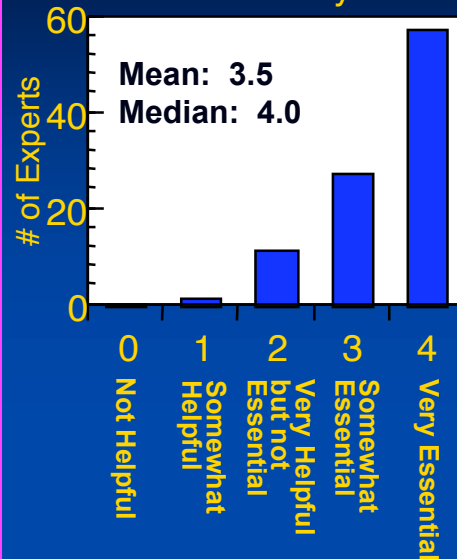
Results - Small Scale Clinical Trials (Phase 1/2)

Internal Consistency

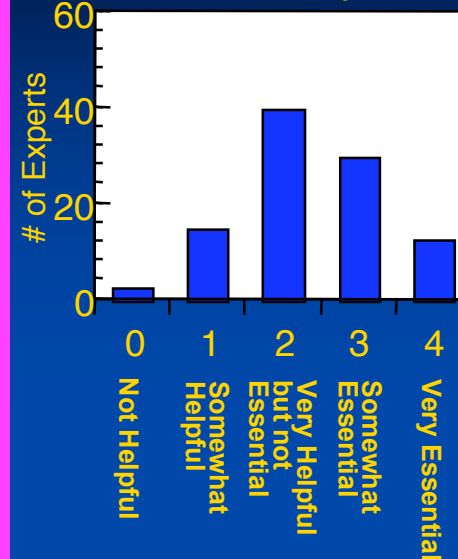


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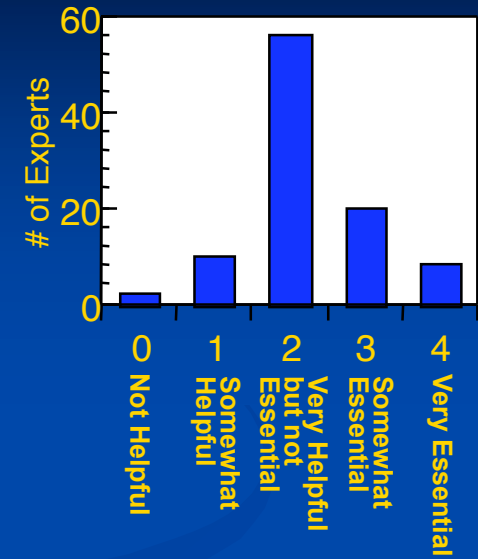
Test-Retest Reliability



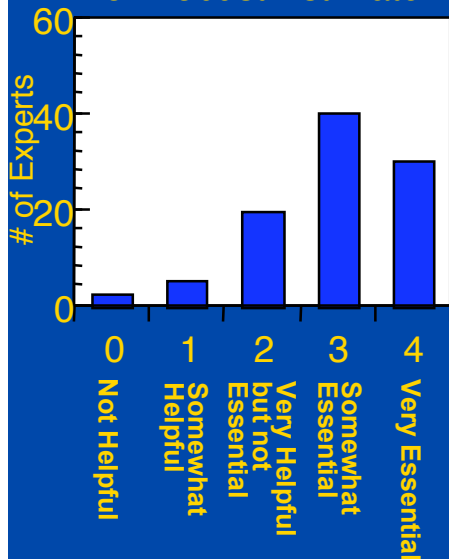
Alternate Form Reliability



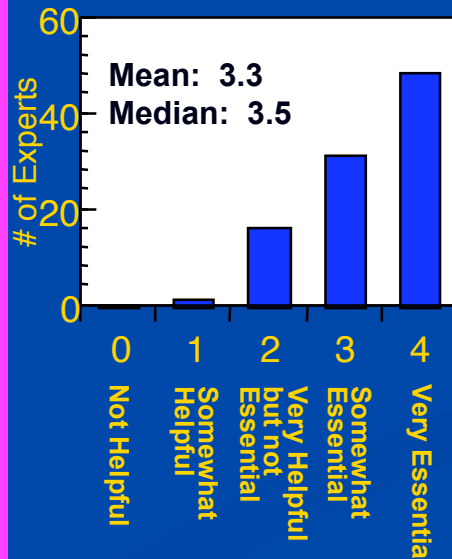
Short Length



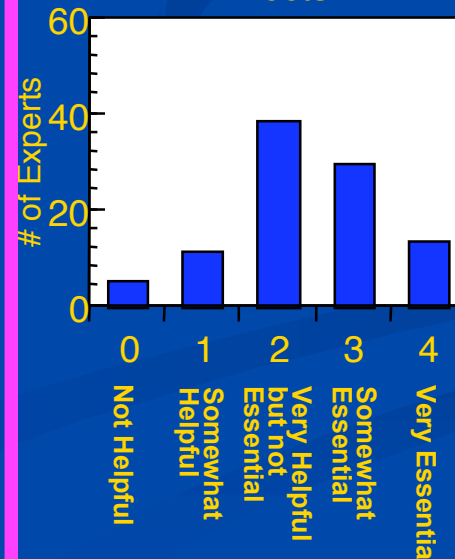
Adequate Number of Trials for Robust Estimate



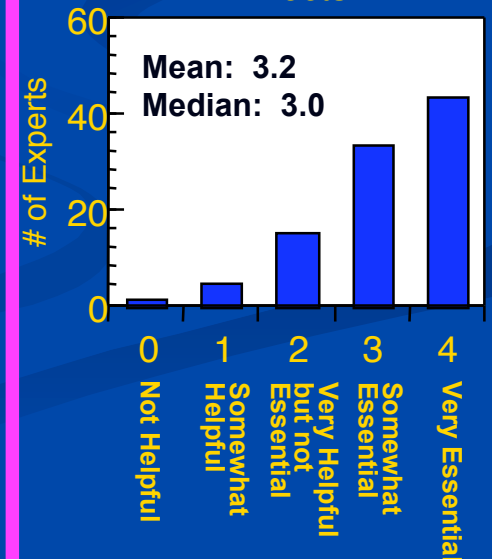
Construct Validity



Lack of Practice Effects

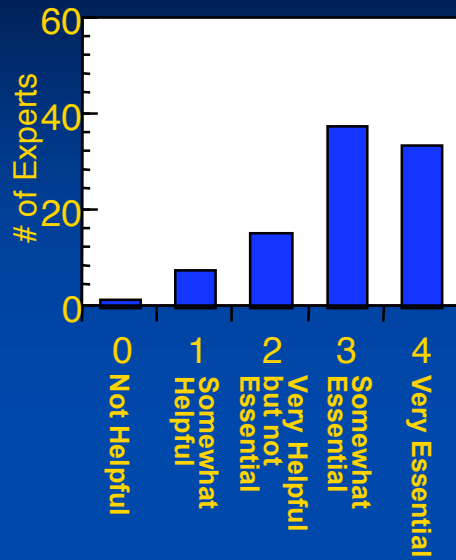


Lack of Ceiling/Floor Effects

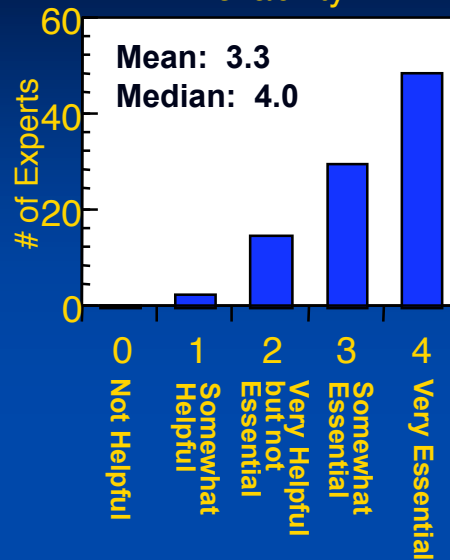


Results - Large Scale Clinical Trials (Phase 3/4)

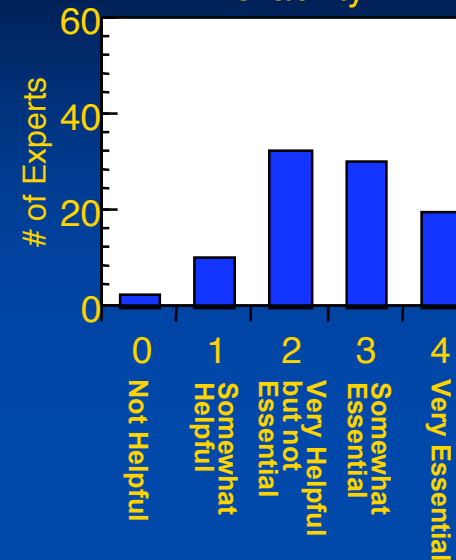
Internal Consistency



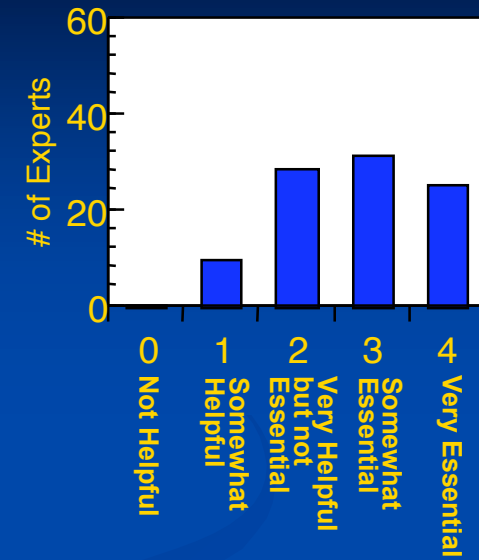
Test-Retest Reliability



Alternate Form Reliability

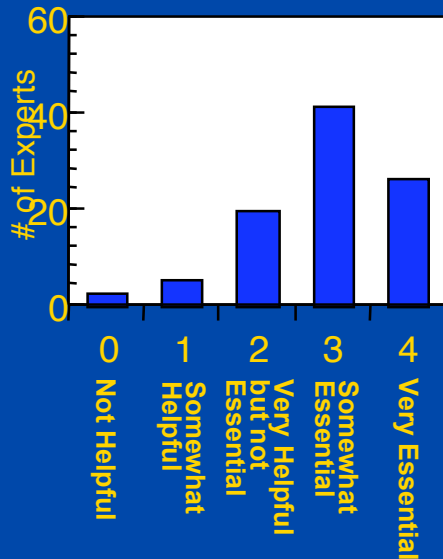


Short Length

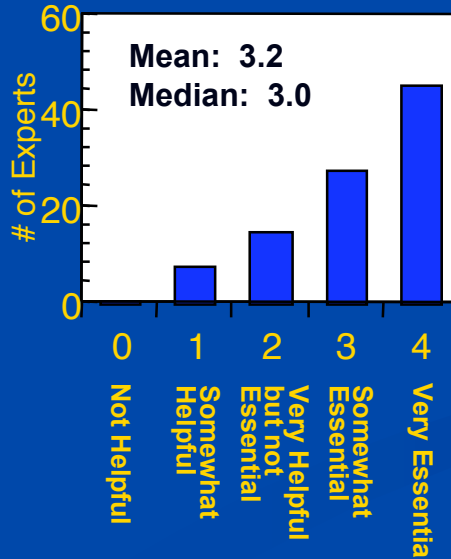


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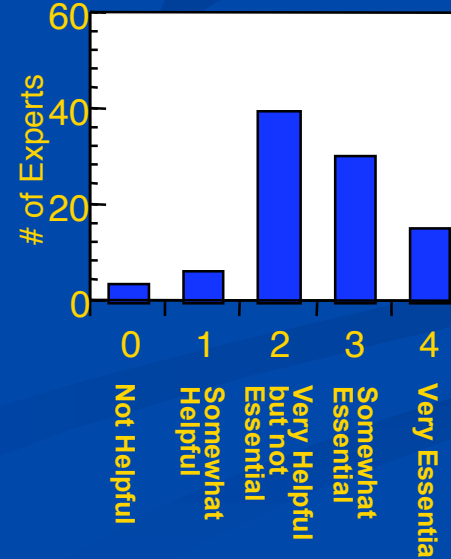
Adequate Number of Trials for Robust Estimate



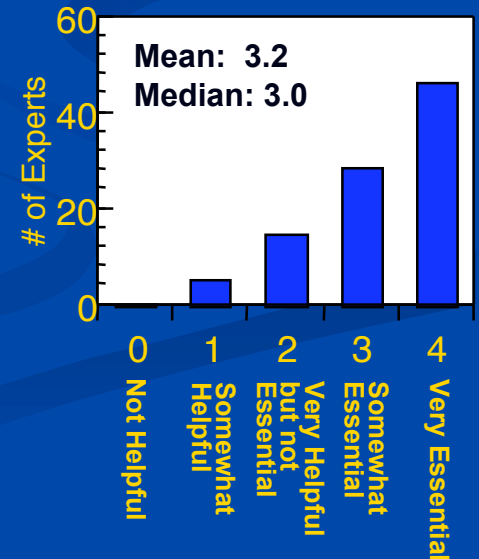
Construct Validity



Lack of Practice Effects

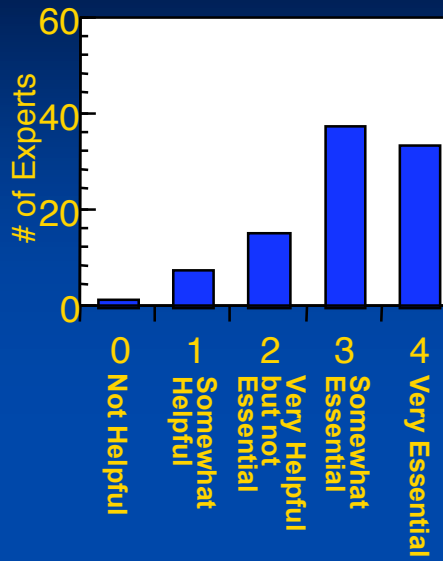


Lack of Ceiling/Floor Effects

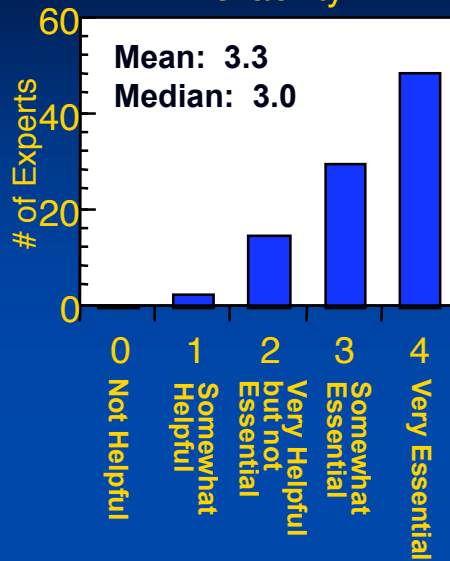


Results - Large Scale Clinical Trials (Phase 3/4)

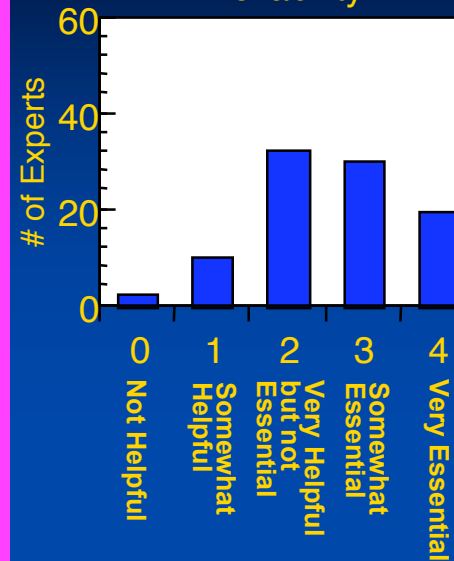
Internal Consistency



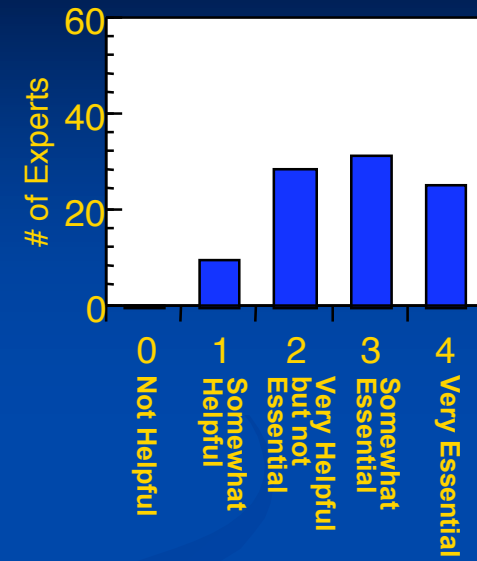
Test-Retest Reliability



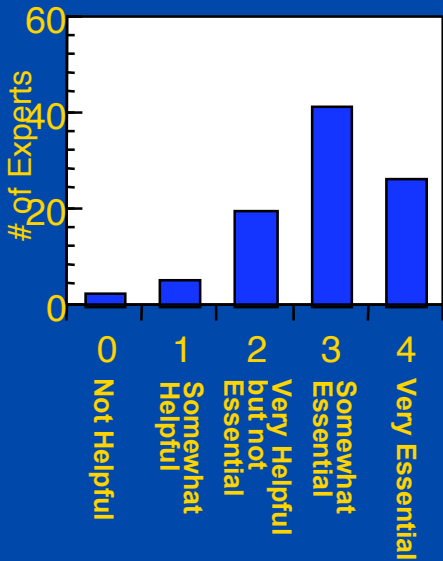
Alternate Form Reliability



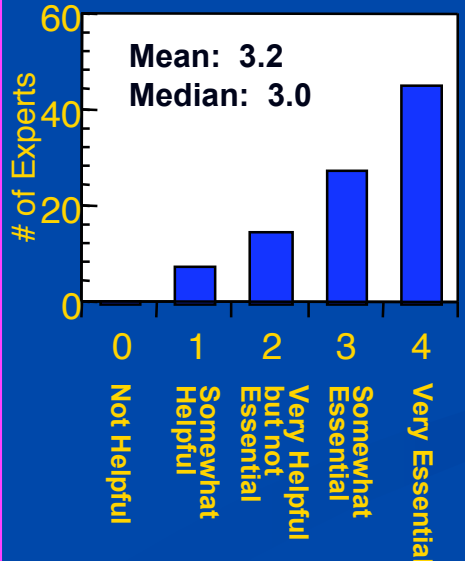
Short Length



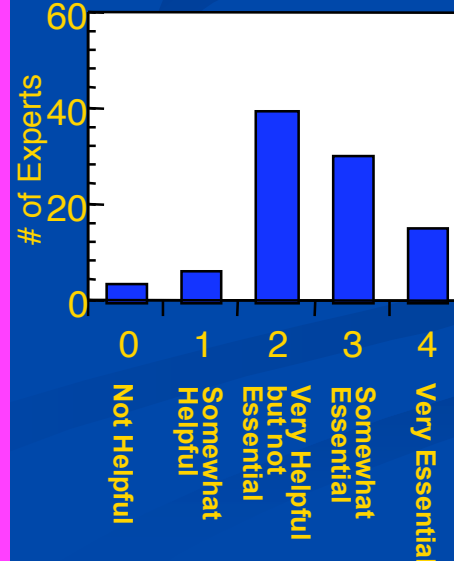
Adequate Number of Trials for Robust Estimate



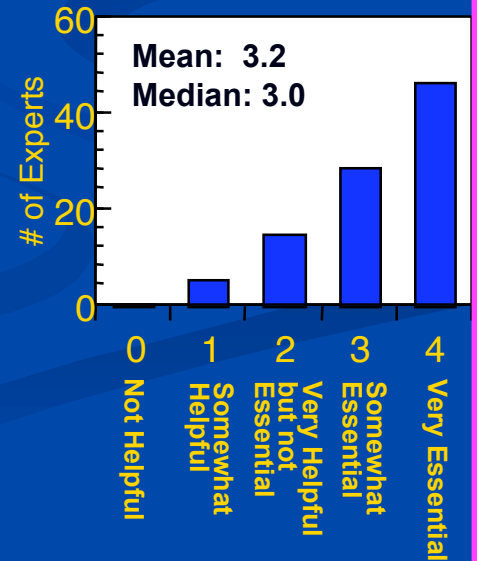
Construct Validity



Lack of Practice Effects



Lack of Ceiling/Floor Effects



Benchmark Values - Higher Confidence

Characteristic	Optimal	“Worst Acceptable”
■ Internal Consistency	.875	.60
■ Test Retest	.90	.70
■ Alternate Form	.90	.70
■ Length (in minutes)	10 min	30 min
■ Minimum # of Trials	25 Trials	10 Trials
■ Practice Effect (in SD units)	.20	.50
■ Floor Effect (% diff from 0)	25%	10%
■ Ceiling Effect (% diff from 100)	37.5%	12.5%

What is in your folder?

- Survey results for total sample
- Top Two Criteria By Field (when at least 5)
- Benchmark Values For Whole Sample
- Benchmark Values For Higher Confidence