## Validity and Reliability Reference

Degre		idity en measure and cor	Reliability The consistency of a measure						
Content	Criterion	Convergent	Discriminant	Internal	Test-Retest	Inter-rater			
Validity	Validity	Validity	Validity	Consistency	Reliability	Reliability			
Does the measurement cover entire construct?	To what extent is the measure related to the construct?	Does this measure agree with other measures of this construct?	Is this measure different than measures of different constructs?	Are items that measure the same construct similar?	Does the measure stay the same over time if the construct does?	Do subjective measures of the construct agree with one another?			
Lit Review focus groups, and/or factor analysis	Concurrent: At same time Predictive: Predicts outcome in future			If measure has internal consistency you can create mean composite	Also called "Temporal Stability"				
Factor Analysis	Correlation (Pearson's <i>r</i> )	Correlation (Pearson's <i>r</i> )	Correlation (Pearson's <i>r</i> )	Cronbach's α	Correlation (Pearson's <i>r</i> )	Cohen's к or ICC			
Aim for factor	Strong: >.7	Strong: >.7	Strong: >7	Aim for .75 or	Aim for .50 or	Excellent: >.75,			
cutoff > .50	Moderate: .5	Moderate: .5-	Moderate:5	higher with .60	higher	Good: .60 to			
	to .7, Fair: .3	.7, Fair: .35,	to7, Fair:3	as minimum		.75, Fair: .40 to			
	to .5, Weak: < .3	Weak: < .3	to5, Weak: <			.59, Poor: <.40			
Note. Not all of these will be applicable to all measures.									

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## Validity and Reliability Reference

	Vali	idity	Reliability					
Degre	e of overlap betwee	en measure and cor	The consistency of a measure					
Content	Criterion	Convergent	Discriminant	Internal	Test-Retest	Inter-rater		
Validity	Validity	Validity	Validity	Consistency	Reliability	Reliability		
Does the	To what extent is	Does this measure	Is this measure	Are items that	Does the measure	Do subjective		
measurement	the measure	agree with other	different than	measure the same	stay the same	measures of the		
cover entire	related to the	measures of this	measures of	construct similar?	over time if the	construct agree		
construct?	construct?	construct?	different constructs?		construct does?	with one another?		
Lit Review focus groups, and/or factor analysis	Concurrent: At same time Predictive: Predicts outcome in future			If measure has internal consistency you can create mean composite	Also called "Temporal Stability"			
Factor Analysis	Correlation (Pearson's <i>r</i> )	Correlation (Pearson's r)	Correlation (Pearson's <i>r</i> )	Cronbach's α	Correlation (Pearson's <i>r</i> )	Cohen's к or ICC		
Aim for factor	Strong: >.7	Strong: >.7	Strong: >7	Aim for .75 or	Aim for .50 or	Excellent: >.75,		
cutoff > .50	Moderate: .5	Moderate: .5-	Moderate:5	higher with .60	higher	Good: .60 to		
	to .7, Fair: .3	.7, Fair: .35,	to7, Fair:3	as minimum		.75, Fair: .40 to		
	to .5, Weak: <	Weak: < .3	to5, Weak: <			.59, Poor: <.40		
	.3		.3					
Note. Not all of these will be applicable to all measures.								