

A Quantitative Inquiry: How Do We Really Measure Change in Children's Development?

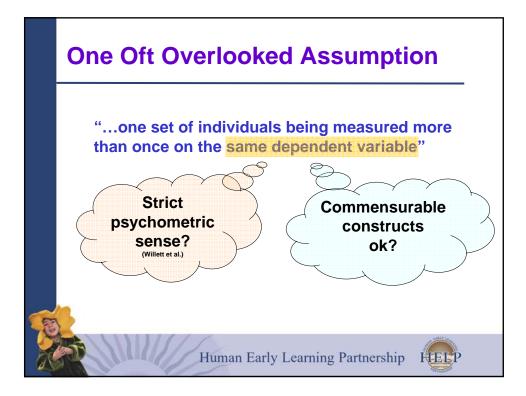
Jennifer E.V. Lloyd, Ph.D. Human Early Learning Partnership University of British Columbia



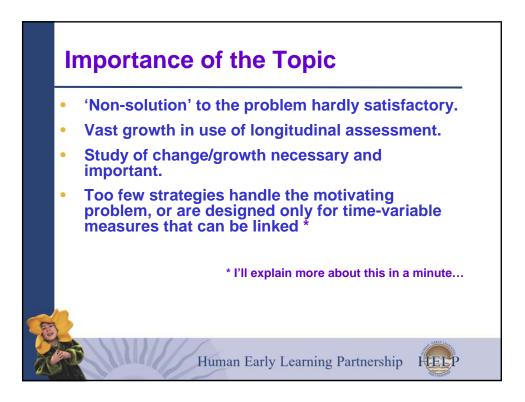
"The Languages of Assessment: It's All About Children and Families" University of British Columbia Thursday, May 29, 2008

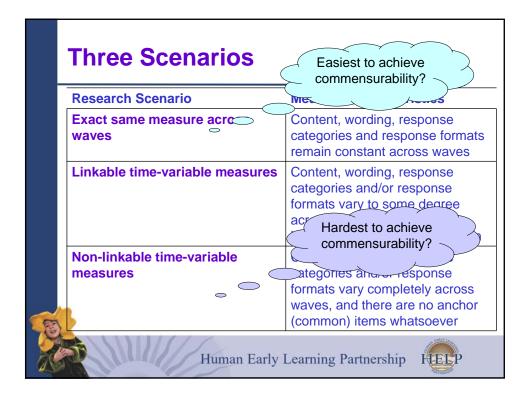


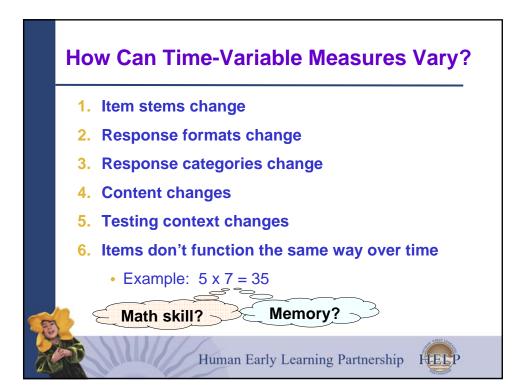




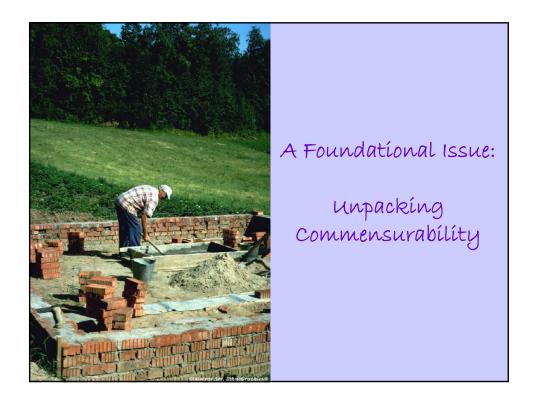


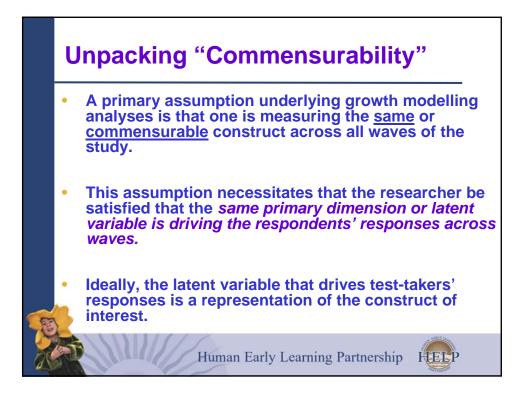


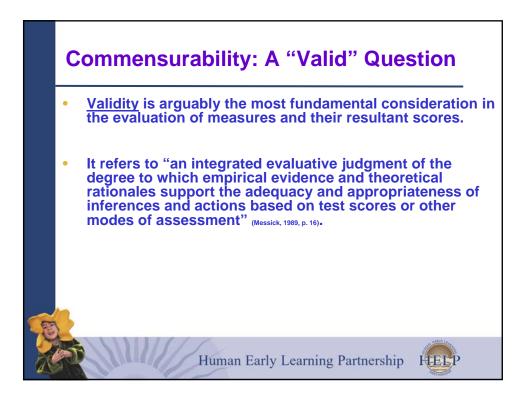


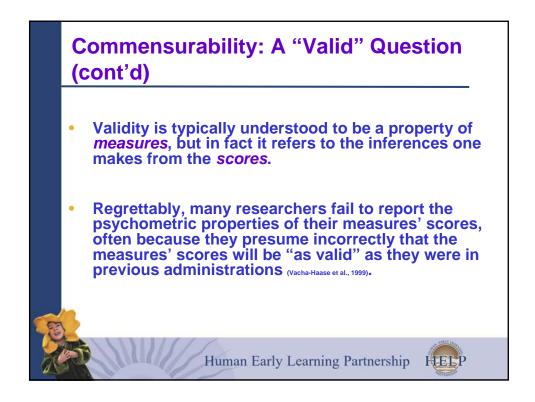


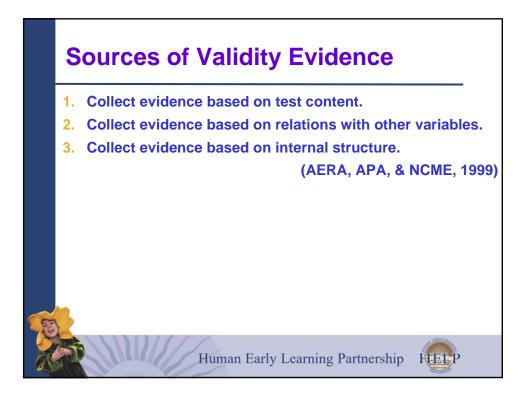


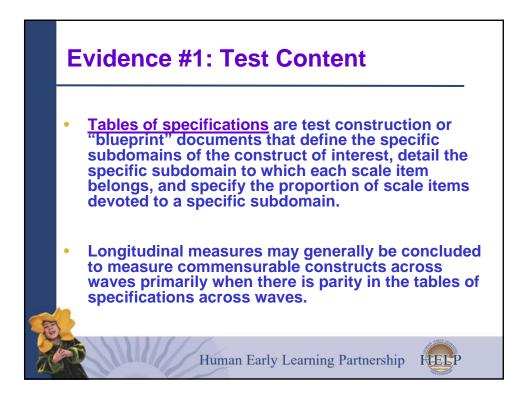




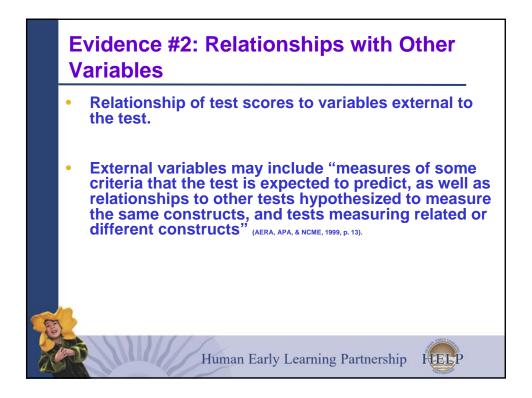


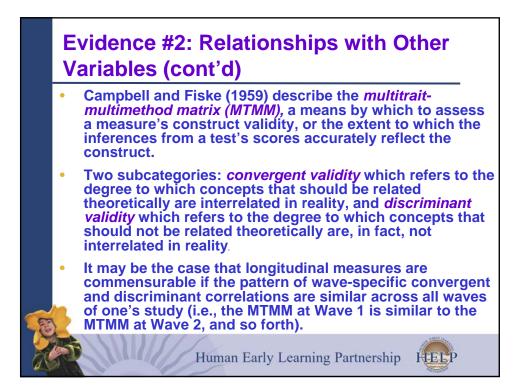


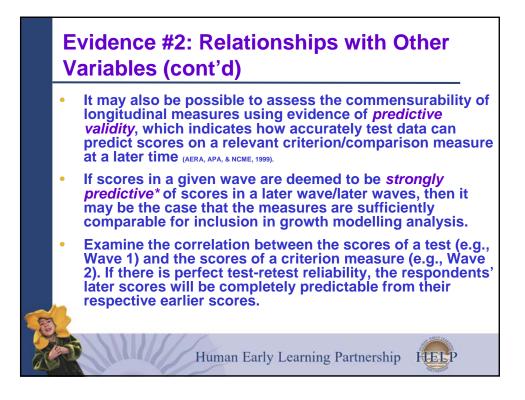




Numeracy Subdomains	Proportion of Items Devoted to Each Subdomain	
	Grade 4 Version	Grade 7 Version
Number concepts and operations	35-45%	35-45%
Patterns and relations	20-30%	15-25%
Shape and space	20-30%	20-30%
Statistics and probability	5-15%	10-20%
Numeracy cumulative total	100%	100%







	Evidence #2: Relationships with Other Variables (cont'd)				
	# of vulnerabilities on the EDI (Kindergarten)		% Not passing the FSA (Grade 4)		
		Num	Numeracy		
	0	7.5	12.3		
	1	11.8	22.2		
	2-3	18.7	33.8		
	4-5	27.5	55.6		
		Reading			
	0	13.6	17.8		
	1	26.7	33.9		
	2-3	29.5	43.1		
	4-5	48.4	68.3		
HELP	Humon Early Learning Partnorship	Source: Hertzman (2006), McCa	ain, Mustard, & Shanker (2007)		

