



Using the Evaluation Capacity Assessment Instrument (ECAI) to Conceptualize, Measure and Build Evaluation Capacity

Tina Taylor-Ritzler, Ph.D., Dominican University

Yolanda Suarez-Balcazar, Ph.D., University of Illinois at Chicago

AEA Conference, Anaheim, CA: November 5th, 2011

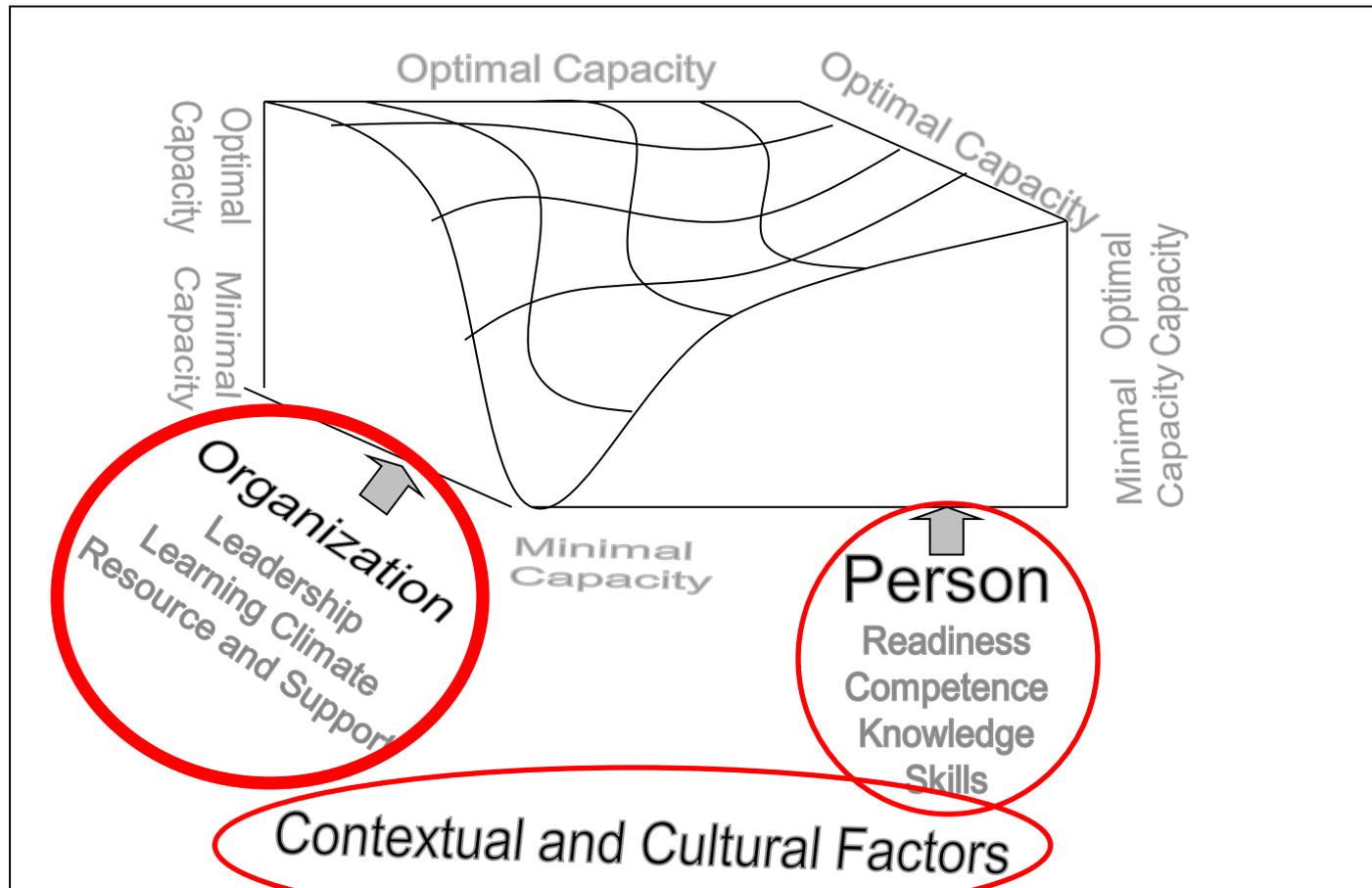
Funded by the National Institute on Disability and Rehabilitation Research (NIDDR), U.S. Department of Education

The ECAI

1. Development– synthesis of the literature
2. Empirical validation
3. Application

1. Development of the Suarez-Balcazar, Taylor-Ritzler, Garcia Iriarte et al. (2010) Synthesis Model

1. Development of the Suarez-Balcazar, Taylor-Ritzler, Garcia Iriarte et al. (2010) Synthesis Model



2. Empirical Validation

- Study 1: Mixed Methods Study - 2007
- Study 2: Quantitative Study - 2009
 - Measure: Confirmatory Factor Analysis (CFA)
 1. Individual factors
 - Awareness
 - Motivation
 - Competence
 2. Organizational factors
 - Leadership
 - Learning climate
 - Resources
 3. Evaluation capacity outcomes
 - Mainstreaming
 - Use
 - Model: Structural Equation Modeling (SEM)

CFA Results

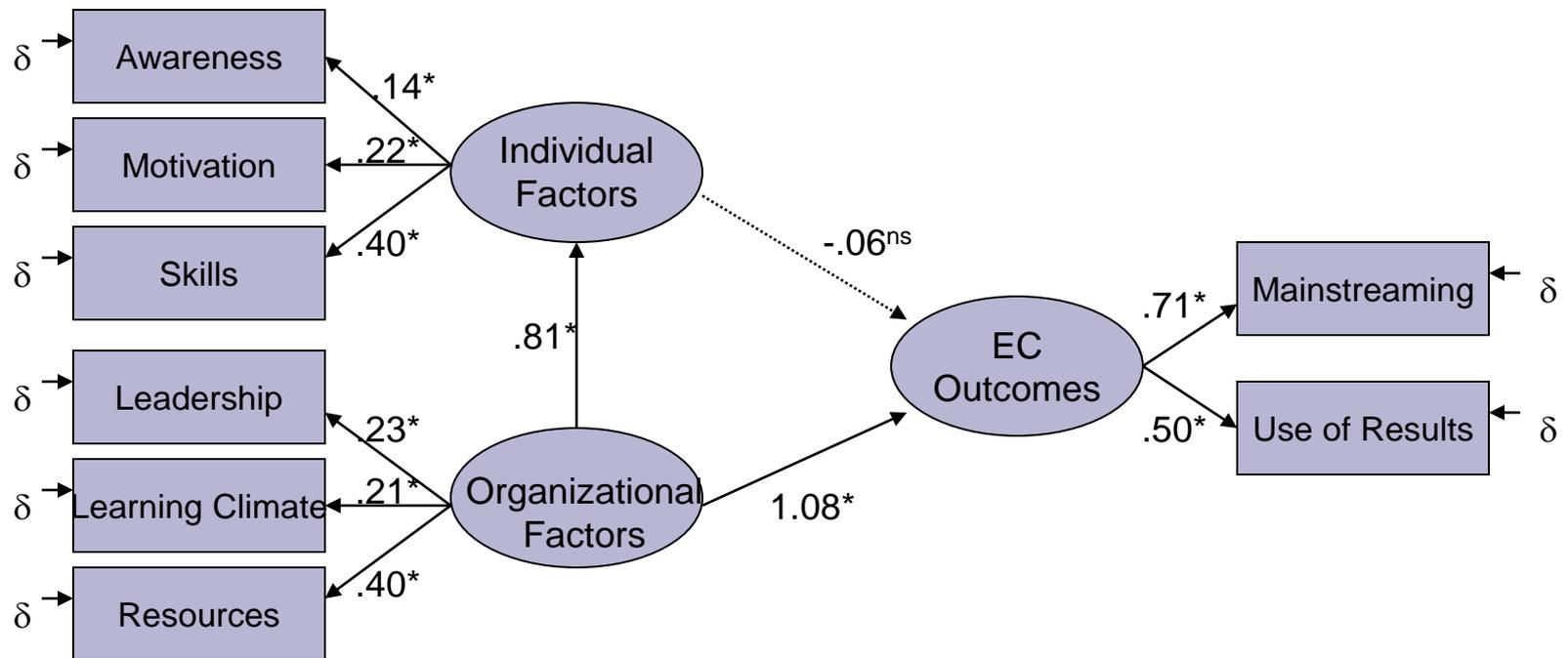
Model	χ^2	df	χ^2/df	RMSEA	CFI	TLI
Individual Factors	873.404*	516	1.69	.069	.90	.90
Organizational Factors	324.578*	223	1.45	.052	.94	.93
EC Outcomes	298.176	133	2.24	.086	.92	.91

Descriptive Statistics

	# of items	M	Range	SD	α
Individual Factors	28	3.07	1-4	.38	.91
Awareness	10	3.08	1-4	.41	.80
Motivation	4	3.14	1-4	.57	.90
Skills	14	3.00	1-4	.48	.94
Organizational Factors	23	2.85	1-4	.34	.90
Leadership	5	3.07	1-4	.39	.82
Learning Climate	9	2.94	1-4	.35	.86
Resources	9	2.57	1-4	.55	.88
EC Outcomes	16	2.83	1-4	.57	.94
Mainstreaming	5	2.92	1-4	.53	.87
Use	11	2.78	1-4	.68	.92
	67 items				

SEM Results:

What predicts evaluation capacity?



<i>Model</i>	χ^2	<i>df</i>	χ^2/df	RMSEA	CFI	TLI
Structural Model	17.049	11	1.54	.057	.98	.96

3. Application: A Cycle for ECB

