

HW3 Answers

Part 1—California Analysis

Cal1: What is the standardized alpha for the California reliability run?

.823

Cal2: Which question contributes most to the index?

daca

Cal3: Which question contributes least to the index?

path

Cal4: What is the maximum score of the RawImm4 index?

4

Cal5: What is the maximum score of ImmCal3?

1

Cal6: Is the skew of RawImm4 positive or negative?

Negative

Cal7: At what cumulative percentage on the raw index is the first cut point for the recoded ImmCal3 index?

23% (not 34.9% to maintain the negative skew)

Part 2—Texas Analysis

Tex1: What is the standardized alpha for the first reliability run?

.704

Tex2: Which item contributes most to the index?

ImmTight & ImmWall (tied)

Tex3: Which item contributes least to the index?

ImmVary

Tex4: What is the standardized alpha for the second reliability run?

.783 (NB Imm2Cit becomes most imp)

Tex5: What is the high score on the RawImm6 Index?

6

Tex6: At what cumulative percentage on the raw index is the first cut point for the recoded ImmTex3 index?

32

Tex7: At what percentage is the second cut point?

65.8%

Measures of Association for single item and indexed dependent variables
 California & Texas

	California		Texas	
	Single Item	Index ($\alpha=.823$)	Single Item	Index ($\alpha=.783$)
	Path	ImmCal3	Imm2Cit	ImmTex3
IVs				
dem3	.260 tau _c	.408 tau _b	.394 tau _c	.504 tau _b
lib3	.251 tau _c	.421 tau _b	.420 tau _c	.543 tau _b

California Data—June 2023 PPIC survey.

Texas Data—December 2023 Univ of Texas.

Association between Inclusive & Exclusive Attitudes toward Immigration and partisanship & ideology

	Inclusive Attitudes	Exclusive Attitudes
	ImmIncl3 ($\alpha = .756$)	ImmExcl3 ($\alpha = .793$)
IVs		
dem3	.374	-.493
lib3	.402	-.549

All variables are coded into 3 categories; all measures of association are Tau_b
 California Data—June 2023 PPIC survey.
 Texas Data—December 2023 Univ of Texas.