PRE AND POST FORMATIVE ASSESSMENT OF STUDENTS INTERCULTURAL OPENNESS ON A 1-WEEK STUDY ABROAD SERVICE-LEARNING EXPERIENCE (A.S.K.S.\textsuperscript{2})

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WHAT IS THE A.S.K.S. 2 AND WHAT DOES IT MEASURE?

• A short scale intercultural competency assessment
  • 14 items (handout)
  • 6 point Likert type scale

• Based on the AAC&U VALUE Rubric - ICC
A.S.K.S. 2 - FORMAT

• 6 subscales
  • Openness
    • Curiosity
    • Communication
  • Empathy
    • Worldview
  • Self-awareness
CARTAGENA, COLOMBIA

• Daily debriefings and interactions
• Engaged in three days of service projects with the Palenque
• Interactions with different cultural norms
• Acclimate and adapt to a new environment, language, and cultural norms.
**RESULTS: OVERALL SCALE**

<table>
<thead>
<tr>
<th>Paired Samples Statistics</th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Mean</td>
<td>N</td>
<td>Std. Deviation</td>
<td></td>
</tr>
<tr>
<td>Pair 1</td>
<td>Pretest</td>
<td>4.7433</td>
<td>12</td>
</tr>
<tr>
<td>Posttest</td>
<td>5.2917</td>
<td>12</td>
<td>0.45325</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Paired Samples Correlations</th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>N</td>
<td>Correlation</td>
<td>Sig.</td>
</tr>
<tr>
<td>Pair 1</td>
<td>Pretest &amp; Posttest</td>
<td>12</td>
</tr>
</tbody>
</table>

**Paired Samples Test**

<table>
<thead>
<tr>
<th>Paired Differences</th>
<th>t</th>
<th>df</th>
<th>Sig. (2-tailed)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Mean</td>
<td>Std. Deviation</td>
<td>Std. Error</td>
<td>95% Confidence Interval of the Difference</td>
</tr>
<tr>
<td>Pair 1</td>
<td>Pretest - Posttest</td>
<td>-0.54833</td>
<td>0.5938</td>
</tr>
</tbody>
</table>

\[
d = 0.87
\]
SUBSCALE RESULTS

Openness

- $p = 0.003$
- $d = 0.87$
- $r = 0.73 \quad p = 0.008$

Curiosity

- $p = 0.131$
- $d = -0.33$
- $r = 0.76 \quad p = 0.004$
SUBSCALE RESULTS

Communication

$p = 0.007$
$d = -1.01$
$r = 0.55 \quad p = 0.06$

Empathy

$p = 0.019$
$d = -0.92$
$r = 0.37 \quad p = 0.24$
SUBSCALE RESULTS

**Worldview**

- \( p = 0.059 \)
- \( d = -0.63 \)
- \( r = 0.55 \quad p = 0.07 \)

**Self-Awareness**

- \( p = 0.053 \)
- \( d = -0.53 \)
- \( r = 0.70 \quad p = 0.01 \)
DEMOGRAPHICS

- Ethnicity
- Nationality (Country of origin)
- Gender
- Colleges at Purdue
- First or More International

- 10 African Americans, 2 Caucasian, and 1 Latina
- All students were from the USA
- 11 females, 2 males
- 4 Colleges represented
  - Agriculture, Health and Human Sciences, Liberal Arts, and Science.
- 9 first time international experience
**IMPACT**

*Statistically Significant*

- Intercultural Openness
- Personal Development (empathy)

**Pre-assessment**

- indicated that the group’s openness and comfort with cultural difference and others was above average.

**Post-assessment**

- indicated mean growth across all six subscales and thus overall. That growth was confirmed by the program leaders’ observations of and conversations with the participants.
QUESTIONS?

Thank You!!