**Active and Collaborative Learning (ACL)**

### Mean Comparisons

<table>
<thead>
<tr>
<th>Class</th>
<th>UNR Mean</th>
<th>Western Land Grant Mean</th>
<th>Carnegie Class Mean</th>
<th>USNWRpt Peer Group Mean</th>
<th>Effect Size</th>
<th>Sig</th>
<th>Effect Size</th>
<th>Sig</th>
<th>Effect Size</th>
<th>Sig</th>
</tr>
</thead>
<tbody>
<tr>
<td>First-Year</td>
<td>40.8</td>
<td>41.0</td>
<td>42.2</td>
<td>41.2</td>
<td>-.01</td>
<td>*</td>
<td>-.09</td>
<td>**</td>
<td>-.03</td>
<td></td>
</tr>
<tr>
<td>Senior</td>
<td>48.1</td>
<td>48.9</td>
<td>50.5</td>
<td>49.8</td>
<td>-.05</td>
<td>***</td>
<td>-.14</td>
<td>**</td>
<td>-.10</td>
<td></td>
</tr>
</tbody>
</table>

*a* Weighted by gender, enrollment status, and institutional size.

*b* *p*<.05 **p*<.01 ***p*<.001 (2-tailed).

*c* Mean difference divided by the pooled standard deviation.

### Distributions of Student Benchmark Scores

#### First-Year

- [Box and whiskers chart plotting the distribution of scores for First-Year students at UNR, Western Land Grant, Carnegie Class, and USNWRpt Peer Group.]

#### Senior

- [Box and whiskers chart plotting the distribution of scores for Senior students at UNR, Western Land Grant, Carnegie Class, and USNWRpt Peer Group.]

Note: Each box and whiskers chart plots the 5th (bottom of lower bar), 25th (bottom of box), 50th (middle line), 75th (top of box), and 95th (top of upper bar) percentile scores. The dot shows the benchmark mean. See page 2 for an illustration. See pages 10 and 11 for percentile values.

### Active and Collaborative Learning (ACL) Items

Students learn more when they are intensely involved in their education and asked to think about what they are learning in different settings. Collaborating with others in solving problems or mastering difficult material prepares students for the messy, unscripted problems they will encounter daily during and after college.

- Asked questions in class or contributed to class discussions
- Made a class presentation
- Worked with other students on projects **during class**
- Worked with classmates **outside of class** to prepare class assignments
- Tutored or taught other students (paid or voluntary)
- Participated in a community-based project (e.g., service learning) as part of a regular course
- Discussed ideas from your readings or classes with others outside of class (students, family members, co-workers, etc.)