### Infants ≤ 9 Days of Age

<table>
<thead>
<tr>
<th>Age and Shipping&lt;sup&gt;1&lt;/sup&gt;</th>
<th>Infant Age</th>
<th>Shipping Time</th>
</tr>
</thead>
<tbody>
<tr>
<td>Chao1</td>
<td>ρ=-0.26, p=0.29</td>
<td>ρ=-0.06, p=0.81</td>
</tr>
<tr>
<td>Inverse Simpson</td>
<td>ρ=-0.18, p=0.46</td>
<td>ρ=-0.11, p=0.65</td>
</tr>
<tr>
<td>Shannon</td>
<td>ρ=-0.26, p=0.29</td>
<td>ρ=-0.02, p=0.94</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>n</th>
<th>Normal</th>
<th>Overweight</th>
<th>Obese</th>
<th>p-value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Chao1</td>
<td>50.8 ± 24.6</td>
<td>51.8 ± 12.0</td>
<td>37.2 ± 6.9</td>
<td>0.2</td>
</tr>
<tr>
<td>Inverse Simpson</td>
<td>3.8 ± 1.7</td>
<td>3.1 ± 1.1</td>
<td>2.5 ± 0.6</td>
<td>0.41</td>
</tr>
<tr>
<td>Shannon</td>
<td>1.5 ± 0.5</td>
<td>1.6 ± 0.4</td>
<td>1.2 ± 0.2</td>
<td>0.53</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Delivery Mode&lt;sup&gt;2&lt;/sup&gt;</th>
<th>Vaginal</th>
<th>C-Section</th>
</tr>
</thead>
<tbody>
<tr>
<td>Chao1</td>
<td>48.7 ± 20.5</td>
<td>42.9 ± 10.7</td>
</tr>
<tr>
<td>Inverse Simpson</td>
<td>3.3 ± 1.5</td>
<td>3.4 ± 1.0</td>
</tr>
<tr>
<td>Shannon</td>
<td>1.4 ± 0.4</td>
<td>1.5 ± 0.4</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Sex&lt;sup&gt;2&lt;/sup&gt;</th>
<th>Males</th>
<th>Females</th>
</tr>
</thead>
<tbody>
<tr>
<td>Chao1</td>
<td>49.3 ± 21.0</td>
<td>42.5 ± 10.5</td>
</tr>
<tr>
<td>Inverse Simpson</td>
<td>3.3 ± 1.5</td>
<td>3.3 ± 1.3</td>
</tr>
<tr>
<td>Shannon</td>
<td>1.4 ± 0.4</td>
<td>1.4 ± 0.4</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Cohort&lt;sup&gt;2&lt;/sup&gt;</th>
<th>Baby</th>
<th>ARCH</th>
</tr>
</thead>
<tbody>
<tr>
<td>Chao1</td>
<td>38.7 ± 10.7</td>
<td>53.9 ± 21.2</td>
</tr>
<tr>
<td>Inverse Simpson</td>
<td>2.9 ± 1.0</td>
<td>3.6 ± 1.6</td>
</tr>
<tr>
<td>Shannon</td>
<td>1.3 ± 0.3</td>
<td>1.5 ± 0.4</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Breastfeeding&lt;sup&gt;2&lt;/sup&gt;</th>
<th>Exclusive</th>
<th>Mixed</th>
</tr>
</thead>
<tbody>
<tr>
<td>Chao1</td>
<td>47.9 ± 21.1</td>
<td>46.7 ± 14.3</td>
</tr>
<tr>
<td>Inverse Simpson</td>
<td>3.5 ± 1.6</td>
<td>2.8 ± 0.7</td>
</tr>
<tr>
<td>Shannon</td>
<td>1.4 ± 0.5</td>
<td>1.4 ± 0.25</td>
</tr>
</tbody>
</table>

<sup>1</sup>rho and p-values reported  
<sup>2</sup>mean ± SD