## Appendix B

### Relationships, Variables, Recommendations

<table>
<thead>
<tr>
<th>Correlated Questions</th>
<th>Phase of Data Analysis</th>
<th>Variables</th>
<th>Recommendations</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>1. The time spent using a computer is out of proportion to the benefits.</strong>&lt;br&gt;2. A computer increases costs by increasing the nurses’ workload.</td>
<td>Five year study correlations&lt;br&gt;$r_{xy} = 0.707$, $p = 0.000$</td>
<td>1. Time&lt;br&gt;2. Costs&lt;br&gt;3. Benefits&lt;br&gt;4. Nurses’ workload</td>
<td>Time-Motion Study</td>
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<tr>
<td><strong>1. Computers save steps and allow the nursing staff to become more efficient.</strong>&lt;br&gt;2. Computers will allow the nurse more time for professional tasks.</td>
<td>Five year study correlations&lt;br&gt;$r_{xy} = 0.826$, $p = 0.000$</td>
<td>1. Efficient&lt;br&gt;2. Time</td>
<td>Time-Motion Study</td>
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<tr>
<td><strong>1. Computers make nurses’ jobs easier.</strong>&lt;br&gt;2. Computerization of nursing data offer nurses remarkable opportunity to improve patient care.</td>
<td>Five year study correlations&lt;br&gt;$r_{xy} = 0.768$, $p = 0.000$</td>
<td>1. Nursing data&lt;br&gt;2. Ease&lt;br&gt;3. Improve patient care</td>
<td>Clinical Decision Support</td>
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<tr>
<td><strong>1. A computer increases costs by increasing the nurses’ workload.</strong>&lt;br&gt;2. Computers can cause nurses to give less time to quality nursing care.</td>
<td>Five year study correlations&lt;br&gt;$r_{xy} = 0.773$, $p = 0.000$</td>
<td>1. Time&lt;br&gt;2. Costs&lt;br&gt;3. Nurses’ workload&lt;br&gt;4. Quality nursing care</td>
<td>Time-Motion Study</td>
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<tr>
<td>1. Computers can cause nurses to give less time to quality nursing care.</td>
<td>Five year study correlations ( r_{xy} = 0.785 ) ( p=0.000 )</td>
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<td>Improve Communication</td>
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<tr>
<td>1. Computers make nurses’ jobs easier.</td>
<td>Five year study correlated with pre- &amp; six month study ( r_{xy} = 0.432 ) ( p=0.040 )</td>
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<td>Time-Motion Study</td>
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