### Condition X

<table>
<thead>
<tr>
<th></th>
<th>1</th>
<th>0</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>a</td>
<td>b</td>
</tr>
<tr>
<td>0</td>
<td>c</td>
<td>d</td>
</tr>
</tbody>
</table>

1 presence, 0 absence

Jaccard similarity coefficient = \( \frac{a}{a + b + c} \)

Yule's Q coefficient = \( \frac{ad - bc}{ad + bc} \)