Box Plot and Side-by-Side Box Plot

Example: The data below shows visits to a website in two separate months. Create a Box Plot for Month 1 as well as a side-by-side box plot for both months.

<table>
<thead>
<tr>
<th>ID</th>
<th>1</th>
<th>2</th>
<th>3</th>
<th>4</th>
<th>5</th>
<th>6</th>
<th>7</th>
<th>8</th>
<th>9</th>
<th>10</th>
<th>11</th>
<th>12</th>
<th>13</th>
</tr>
</thead>
<tbody>
<tr>
<td>Month 1</td>
<td>4</td>
<td>40</td>
<td>15</td>
<td>20</td>
<td>32</td>
<td>30</td>
<td>51</td>
<td>29</td>
<td>25</td>
<td>83</td>
<td>24</td>
<td>25</td>
<td>18</td>
</tr>
<tr>
<td>Month 2</td>
<td>7</td>
<td>4</td>
<td>7</td>
<td>55</td>
<td>6</td>
<td>8</td>
<td>9</td>
<td>12</td>
<td>32</td>
<td>5</td>
<td>7</td>
<td>14</td>
<td>9</td>
</tr>
</tbody>
</table>

1.) From R Commander, click **Data** and select a **New data set…** option.

2.) Enter Data.
3.) Click Graph, Boxplot

3.) Accept the default Settings in the dialogue box unless one wishes to do other thing.
4.) View Plot.

For side by side Box Plots step 1 is repeated.

2.) Enter Data in a column with 1 or 2 in the column next to it denoting month 1 and month 2.
3.) Convert 1 and 2 to factors
3.) Click Graph, Box Plot

4.) In Dialogue box select plot by groups and select var1 and click ok

Be sure Var 2 is also selected in the box plot window.
5.) View Plot