Supplementary Table 1: The relationship between DI and 30 minute glucose levels using Spearman correlation coefficients for each group, among all groups and among all CF groups:

<table>
<thead>
<tr>
<th></th>
<th>Con-NGT n = 14</th>
<th>Con-prediabetes n = 7</th>
<th>CF-NGT n = 14</th>
<th>CF-prediabetes n = 20</th>
<th>CFRD n = 5</th>
<th>All groups n = 60</th>
<th>All CF groups n = 39</th>
</tr>
</thead>
<tbody>
<tr>
<td>r</td>
<td>r = -0.7261</td>
<td>r = -0.3571</td>
<td>r = -0.6484</td>
<td>r = -0.3499</td>
<td>r = -0.9000</td>
<td>r = -0.6016</td>
<td>r = -0.5320</td>
</tr>
<tr>
<td>p</td>
<td>p = 0.0033</td>
<td>p = 0.4316</td>
<td>p = 0.0121</td>
<td>p = 0.1305</td>
<td>p = 0.0374</td>
<td>P = 0.0000</td>
<td>p = 0.0005</td>
</tr>
</tbody>
</table>