### Additional file 2. Goodness of fit for logistic regression models (Figures 3 and 4)

<table>
<thead>
<tr>
<th>CLDQ-HCV scores (Figure 2)</th>
<th>Hosmer-Lemeshow $\chi^2$</th>
<th>AIC</th>
<th>SC</th>
<th>-2 Log L</th>
<th>$R^2$</th>
<th>AUC</th>
<th>$P$</th>
</tr>
</thead>
<tbody>
<tr>
<td>Scores greater than the MIC during AVT</td>
<td>3.81</td>
<td>1893.16</td>
<td>1961.46</td>
<td>1867.16</td>
<td>0.02</td>
<td>0.58</td>
<td>0.87</td>
</tr>
<tr>
<td>Return to baseline levels in overall scores</td>
<td>13.51</td>
<td>1936.08</td>
<td>2004.38</td>
<td>1910.08</td>
<td>0.02</td>
<td>0.56</td>
<td>0.10</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>SF36v2 PCS (Figure 3)</th>
<th>Hosmer-Lemeshow $\chi^2$</th>
<th>AIC</th>
<th>SC</th>
<th>-2 Log L</th>
<th>$R^2$</th>
<th>AUC</th>
<th>$P$</th>
</tr>
</thead>
<tbody>
<tr>
<td>Return to baseline levels</td>
<td>7.83</td>
<td>1790.27</td>
<td>1858.58</td>
<td>1764.27</td>
<td>0.02</td>
<td>0.58</td>
<td>0.45</td>
</tr>
<tr>
<td>Drop in scores greater than the MIC during AVT</td>
<td>8.60</td>
<td>1925.40</td>
<td>1993.71</td>
<td>1899.40</td>
<td>0.02</td>
<td>0.58</td>
<td>0.38</td>
</tr>
<tr>
<td>Return to baseline levels (submission scoring)</td>
<td>14.49</td>
<td>1743.37</td>
<td>1811.68</td>
<td>1717.37</td>
<td>0.02</td>
<td>0.58</td>
<td>0.07</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>SF36v2 MCS (Figure 3)</th>
<th>Hosmer-Lemeshow $\chi^2$</th>
<th>AIC</th>
<th>SC</th>
<th>-2 Log L</th>
<th>$R^2$</th>
<th>AUC</th>
<th>$P$</th>
</tr>
</thead>
<tbody>
<tr>
<td>Return to baseline levels</td>
<td>7.43</td>
<td>1823.24</td>
<td>1891.54</td>
<td>1797.24</td>
<td>0.02</td>
<td>0.58</td>
<td>0.49</td>
</tr>
<tr>
<td>Drop in scores greater than the MIC during AVT</td>
<td>9.75</td>
<td>1923.89</td>
<td>1992.19</td>
<td>1897.89</td>
<td>0.02</td>
<td>0.59</td>
<td>0.28</td>
</tr>
<tr>
<td>Return to baseline levels (submission scoring)</td>
<td>17.94</td>
<td>1852.18</td>
<td>1920.49</td>
<td>1826.18</td>
<td>0.02</td>
<td>0.58</td>
<td>0.02</td>
</tr>
</tbody>
</table>

AIC, Akaike information criterion; AUC, area under the curve; AVT, antiviral therapy; CLDQ-HCV, Chronic Liver Disease Questionnaire–Hepatitis C Virus version; Log L, log of the likelihood function; MIC, minimally important change; SC, Schwarz Criterion; SF-36v2, Short-Form 36 Health Survey version 2.
References


25. Farivar SS, Cunningham WE, Hays RD: **Correlated physical and mental health summary scores for the SF-36 and SF-12 Health Survey, V.I.** *Health Qual Life Outcomes* 2007, 5:54.


31. Tseng HM, Lu JF, Gandek B: Cultural issues in using the SF-36 Health Survey in Asia: results from Taiwan. Health Qual Life Outcomes 2003, 1:72.