## Supplementary Table 1: Gender differences in baseline and dynamic AIP values

<table>
<thead>
<tr>
<th></th>
<th>Female</th>
<th>Male</th>
<th>p*</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Baseline AIP (ng/ml)</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>GHD</td>
<td>0.170 (0.155-0.203)</td>
<td>0.136 (0.083-0.318)</td>
<td>0.354</td>
</tr>
<tr>
<td>NGHD</td>
<td>0.181 (0.103-0.474)</td>
<td>0.124 (0.072-0.238)</td>
<td>0.292</td>
</tr>
<tr>
<td>AA</td>
<td>0.090 (0.068-0.114)</td>
<td>0.115 (0.068-0.230)</td>
<td>0.339</td>
</tr>
<tr>
<td>NGHS</td>
<td>0.176 (0.069-0.331)</td>
<td>0.108 (0.068-0.293)</td>
<td>0.559</td>
</tr>
<tr>
<td><strong>AIPmax (ng/ml)</strong></td>
<td></td>
<td></td>
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</tr>
<tr>
<td>GHD</td>
<td>0.278 (0.155-0.405)</td>
<td>0.266 (0.149-0.563)</td>
<td>1.000</td>
</tr>
<tr>
<td>NGHD</td>
<td>0.337 (0.160-0.584)</td>
<td>0.210 (0.173-0.587)</td>
<td>0.623</td>
</tr>
<tr>
<td>AA</td>
<td>0.141 (0.106-0.219)</td>
<td>0.204 (0.149-0.331)</td>
<td>0.263</td>
</tr>
<tr>
<td>NGHS</td>
<td>0.203 (0.134-0.380)</td>
<td>0.145 (0.125-0.520)</td>
<td>1.000</td>
</tr>
<tr>
<td><strong>AIP AUC (ng/ml/120min)</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>GHD</td>
<td>25.91 (16.11-26.34)</td>
<td>25.99 (12.21-50.03)</td>
<td>0.943</td>
</tr>
<tr>
<td>NGHD</td>
<td>30.11 (13.17-51.99)</td>
<td>19.89 (16.70-40.04)</td>
<td>0.716</td>
</tr>
<tr>
<td>AA</td>
<td>13.26 (10.26-20.30)</td>
<td>12.04 (11.68-27.75)</td>
<td>0.751</td>
</tr>
<tr>
<td>NGHS</td>
<td>17.79 (9.80-32.52)</td>
<td>11.49 (10.68-23.82)</td>
<td>1.000</td>
</tr>
<tr>
<td><strong>AIP Delta</strong></td>
<td></td>
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</tr>
<tr>
<td>GHD</td>
<td>0.64 (0.00-1.00)</td>
<td>0.33 (0.10-0.66)</td>
<td>0.943</td>
</tr>
<tr>
<td>NGHD</td>
<td>0.53 (0.18-1.03)</td>
<td>0.81 (0.66-1.58)</td>
<td>0.174</td>
</tr>
<tr>
<td>AA</td>
<td>0.39 (0.28-0.57)</td>
<td>0.21 (0.00-0.72)</td>
<td>0.792</td>
</tr>
<tr>
<td>NGHS</td>
<td>0.13 (0.00-0.35)</td>
<td>0.25 (0.00-1.03)</td>
<td>0.479</td>
</tr>
</tbody>
</table>

Data are expressed as median and interquartile range

* Mann-Whitney U test was used in all comparisons