Supplementary Table 14: Hazard ratios for all in-hospital outcomes (discharge, in-hospital death, between-hospital transfer), for Cox models run on raw (unmatched) data with adjustment. Results highlighted in bold are significant at the 95% level. The * indicates hazard ratios that could not be reliably estimated because there were zero events for one or both of the provider types.

<table>
<thead>
<tr>
<th>Operation</th>
<th>Discharge</th>
<th>Death</th>
<th>Emergency transfer</th>
<th>Other transfer</th>
</tr>
</thead>
<tbody>
<tr>
<td>Wisdom tooth impacted</td>
<td>1.06 (1.04, 1.08)</td>
<td>3.32 (0.26, 41.95)</td>
<td>*</td>
<td>*</td>
</tr>
<tr>
<td>Wisdom tooth NEC</td>
<td>1.07 (1.06, 1.08)</td>
<td>*</td>
<td>1.57 (0.46, 5.38)</td>
<td>0.10 (0.01, 1.06)</td>
</tr>
<tr>
<td>Cholecystectomy</td>
<td>1.38 (1.28, 1.48)</td>
<td>*</td>
<td>2.06 (1.17, 3.65)</td>
<td>0.66 (0.36, 1.22)</td>
</tr>
<tr>
<td>Prostate resection</td>
<td>1.64 (1.42, 1.88)</td>
<td>*</td>
<td>5.26 (1.86, 14.84)</td>
<td>0.55 (0.14, 2.26)</td>
</tr>
<tr>
<td>Hysterectomy</td>
<td>1.63 (1.43, 1.85)</td>
<td>*</td>
<td>2.82 (0.91, 8.78)</td>
<td>0.81 (0.27, 2.43)</td>
</tr>
<tr>
<td>IH repair (prosthetics)</td>
<td>1.25 (1.18, 1.33)</td>
<td>*</td>
<td>0.68 (0.07, 6.28)</td>
<td>0.32 (0.04, 2.61)</td>
</tr>
<tr>
<td>UH repair (prosthetics)</td>
<td>1.32 (1.26, 1.38)</td>
<td>*</td>
<td>2.16 (0.47, 9.86)</td>
<td>0.17 (0.02, 1.37)</td>
</tr>
<tr>
<td>UH repair (sutures)</td>
<td>1.14 (1.08, 1.22)</td>
<td>*</td>
<td>*</td>
<td>0.24 (0.03, 1.90)</td>
</tr>
<tr>
<td>VH repair (prosthetics)</td>
<td>1.86 (1.74, 1.99)</td>
<td>6.49 (1.17, 35.98)</td>
<td>2.55 (0.25, 26.51)</td>
<td>0.71 (0.10, 4.79)</td>
</tr>
<tr>
<td>Lumbar decompression</td>
<td>1.58 (1.36, 1.83)</td>
<td>1.41 (0.21, 9.57)</td>
<td>1.31 (0.49, 3.47)</td>
<td>0.20 (0.06, 0.65)</td>
</tr>
<tr>
<td>THR (cemented)</td>
<td>2.01 (1.79, 2.25)</td>
<td>0.15 (0.06, 0.40)</td>
<td>2.14 (1.21, 3.79)</td>
<td>0.26 (0.16, 0.42)</td>
</tr>
<tr>
<td>THR (no cement)</td>
<td>1.93 (1.72, 2.16)</td>
<td>0.17 (0.04, 0.72)</td>
<td>1.39 (0.76, 2.57)</td>
<td>0.32 (0.18, 0.57)</td>
</tr>
<tr>
<td>THR (NEC)</td>
<td>2.43 (1.93, 3.06)</td>
<td>*</td>
<td>1.32 (0.47, 3.73)</td>
<td>*</td>
</tr>
<tr>
<td>TKR (cemented)</td>
<td>2.13 (1.93, 2.34)</td>
<td>0.19 (0.09, 0.38)</td>
<td>1.68 (1.03, 2.73)</td>
<td>0.32 (0.21, 0.50)</td>
</tr>
<tr>
<td>TKR (no cement)</td>
<td>2.17 (1.89, 2.49)</td>
<td>0.30 (0.04, 2.64)</td>
<td>3.20 (1.58, 6.51)</td>
<td>0.16 (0.06, 0.41)</td>
</tr>
<tr>
<td>TKR (NEC)</td>
<td>2.11 (1.87, 2.38)</td>
<td>0.16 (0.02, 1.28)</td>
<td>2.45 (1.29, 4.67)</td>
<td>0.20 (0.09, 0.45)</td>
</tr>
<tr>
<td>THR (cemented acetabulum)</td>
<td>1.99 (1.60, 2.49)</td>
<td>*</td>
<td>1.29 (0.27, 6.18)</td>
<td>1.09 (0.38, 3.14)</td>
</tr>
<tr>
<td>THR (cemented femoral stem)</td>
<td>2.06 (1.84, 2.31)</td>
<td>0.16 (0.03, 1.02)</td>
<td>1.92 (0.96, 3.84)</td>
<td>0.30 (0.13, 0.70)</td>
</tr>
</tbody>
</table>