## Supplementary Table 2. Multiple Regression Analysis for Increment of Serum 25(OH)D

<table>
<thead>
<tr>
<th>Variable</th>
<th>Parameter estimate</th>
<th>Standard error</th>
</tr>
</thead>
<tbody>
<tr>
<td>Group (1: ALN/D5600 versus 0: ALN)</td>
<td>13.11†</td>
<td>0.66</td>
</tr>
<tr>
<td>25(OH)D value at baseline</td>
<td>-0.6†</td>
<td>0.05</td>
</tr>
<tr>
<td>Recruit season</td>
<td>4.3†</td>
<td>1.04</td>
</tr>
<tr>
<td>1: spring versus 0: autumn</td>
<td>2.77†</td>
<td>0.94</td>
</tr>
<tr>
<td>1: summer versus 0: autumn</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

| ALN/D5600, alendronate containing 5600 IU of vitamin D; ALN, alendronate. |
| Model $p$-value <0.0001, R-square=0.6892. |
| †$p<0.0001$. |