### Supplementary Table IV. Predictors of T1 smoking cessation using complete case analysis

<table>
<thead>
<tr>
<th></th>
<th>Yes (n=111)</th>
<th>No (n=895)</th>
<th>Univariable OR (95% CI)</th>
<th>Multivariable OR^* (95% CI)</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Trial allocation</strong></td>
<td></td>
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</tr>
<tr>
<td>Intervention</td>
<td>75 (68%)</td>
<td>452 (50%)</td>
<td>2.04 (1.34 to 3.10)</td>
<td>2.09 (1.36 to 3.23)</td>
</tr>
<tr>
<td>Control</td>
<td>36 (32%)</td>
<td>443 (50%)</td>
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</tr>
<tr>
<td><strong>Site</strong></td>
<td></td>
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</tr>
<tr>
<td>Liverpool</td>
<td>54 (49%)</td>
<td>486 (54%)</td>
<td>1.26 (0.85 to 1.87)</td>
<td>1.32 (0.76 to 2.32)</td>
</tr>
<tr>
<td>Cambridge</td>
<td>57 (51%)</td>
<td>409 (46%)</td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Age group</strong></td>
<td></td>
<td></td>
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</tr>
<tr>
<td>Up to 65 years</td>
<td>42 (38%)</td>
<td>366 (41%)</td>
<td></td>
<td>- Reference -</td>
</tr>
<tr>
<td>66 – 70 years</td>
<td>52 (47%)</td>
<td>392 (44%)</td>
<td>1.16 (0.75 to 1.78)</td>
<td>1.19 (0.76 to 1.86)</td>
</tr>
<tr>
<td>Over 70 years</td>
<td>17 (15%)</td>
<td>137 (15%)</td>
<td>1.08 (0.59 to 1.96)</td>
<td>1.09 (0.59 to 2.01)</td>
</tr>
<tr>
<td><strong>Gender</strong></td>
<td></td>
<td></td>
<td></td>
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</tr>
<tr>
<td>Male</td>
<td>77 (69%)</td>
<td>624 (70%)</td>
<td>1.03 (0.67 to 1.59)</td>
<td>0.99 (0.63 to 1.55)</td>
</tr>
<tr>
<td>Female</td>
<td>34 (31%)</td>
<td>271 (30%)</td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Marital group</strong></td>
<td></td>
<td></td>
<td></td>
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</tr>
<tr>
<td>Married/cohabiting</td>
<td>77 (70%)</td>
<td>591 (66%)</td>
<td>0.83 (0.54 to 1.27)</td>
<td>0.86 (0.54 to 1.35)</td>
</tr>
<tr>
<td>Not married/cohabiting</td>
<td>33 (30%)</td>
<td>302 (34%)</td>
<td></td>
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</tr>
<tr>
<td><strong>IMD</strong></td>
<td></td>
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</tr>
<tr>
<td>Quintile 1 (most deprived)</td>
<td>34 (31%)</td>
<td>312 (34%)</td>
<td>- Reference -</td>
<td></td>
</tr>
<tr>
<td>Quintile 2</td>
<td>13 (12%)</td>
<td>96 (11%)</td>
<td>1.25 (0.63 to 2.46)</td>
<td>1.18 (0.58 to 2.41)</td>
</tr>
<tr>
<td>Quintile 3</td>
<td>23 (21%)</td>
<td>137 (15%)</td>
<td>1.56 (0.89 to 2.76)</td>
<td>1.21 (0.64 to 2.28)</td>
</tr>
<tr>
<td>Quintile 4</td>
<td>16 (14%)</td>
<td>146 (16%)</td>
<td>1.02 (0.54 to 1.90)</td>
<td>0.94 (0.46 to 1.92)</td>
</tr>
<tr>
<td>Quintile 5 (least deprived)</td>
<td>25 (22%)</td>
<td>204 (23%)</td>
<td>1.13 (0.65 to 1.95)</td>
<td>0.95 (0.44 to 2.05)</td>
</tr>
<tr>
<td><strong>Lung cancer experience</strong></td>
<td></td>
<td></td>
<td></td>
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</tr>
<tr>
<td>No</td>
<td>65 (60%)</td>
<td>535 (60%)</td>
<td>0.97 (0.65 to 1.46)</td>
<td>1.02 (0.67 to 1.58)</td>
</tr>
<tr>
<td>Yes</td>
<td>43 (40%)</td>
<td>360 (40%)</td>
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</tr>
<tr>
<td><strong>Cancer distress (T0)</strong></td>
<td></td>
<td></td>
<td>2.15 (1.05 to 4.40)</td>
<td>2.42 (1.14 to 5.12)</td>
</tr>
</tbody>
</table>

^* Adjusted for T0 cancer distress, recruitment site, gender, age, marital group, deprivation and experience of lung cancer.

^+ Log_{10} scores in normal text, original scores in italics (analyses performed using log_{10} scores).