### Supplementary

**Table S1** ROC analysis of attenuation for predicting the histological invasiveness of pGGNs

<table>
<thead>
<tr>
<th>Attenuation</th>
<th>AUC</th>
<th>95% CI</th>
<th>Sensitivity</th>
<th>Specificity</th>
<th>Optimal cut-off value (HU)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Mean attenuation</td>
<td>0.619</td>
<td>0.554–0.685</td>
<td>0.602</td>
<td>0.634</td>
<td>591</td>
</tr>
<tr>
<td>Representative attenuation</td>
<td>0.652</td>
<td>0.587–0.717</td>
<td>0.570</td>
<td>0.681</td>
<td>498</td>
</tr>
<tr>
<td>Relative attenuation</td>
<td>0.643</td>
<td>0.578–0.707</td>
<td>0.645</td>
<td>0.629</td>
<td>299</td>
</tr>
</tbody>
</table>

ROC, receiver operating characteristic; pGGNs, pure ground-glass nodules; AUC, area under curve; CI, confidence interval.

**Table S2** Interobserver agreement for CT features of pGGNs characteristics

<table>
<thead>
<tr>
<th>Characteristic</th>
<th>Observer 1</th>
<th>Observer 2</th>
<th>k value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Shape (Oval/ Irregular)</td>
<td>287/19</td>
<td>260/46</td>
<td>0.511</td>
</tr>
<tr>
<td>Homo-/heterogeneity</td>
<td>39/267</td>
<td>56/250</td>
<td>0.418</td>
</tr>
<tr>
<td>Well-/ill-demarcated</td>
<td>279/27</td>
<td>262/44</td>
<td>0.447</td>
</tr>
<tr>
<td>Air bronchogram</td>
<td>51</td>
<td>31</td>
<td>0.637</td>
</tr>
<tr>
<td>Bubble lucency</td>
<td>24</td>
<td>33</td>
<td>0.711</td>
</tr>
<tr>
<td>Pleural retraction</td>
<td>41</td>
<td>63</td>
<td>0.702</td>
</tr>
</tbody>
</table>

CT, computed tomography; pGGNs, pure ground-glass nodules.