### Supplementary Table 1. Comparison of demographic and clinical data according to degree of cerebral artery stenosis

<table>
<thead>
<tr>
<th>Characteristics</th>
<th>Degree of stenosis</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>No atherosclerosis, n=136</td>
</tr>
<tr>
<td>Demographic data</td>
<td></td>
</tr>
<tr>
<td>Gender, male, n (%)</td>
<td>92 (67.6)</td>
</tr>
<tr>
<td>Age, years, mean±SD</td>
<td>61±11</td>
</tr>
<tr>
<td>Risk factors</td>
<td></td>
</tr>
<tr>
<td>Hypertension</td>
<td>56 (41.2)</td>
</tr>
<tr>
<td>Diabetes mellitus</td>
<td>40 (29.4)</td>
</tr>
<tr>
<td>Hyperlipidemia</td>
<td>20 (14.7)</td>
</tr>
<tr>
<td>Smoking</td>
<td>32 (23.5)</td>
</tr>
<tr>
<td>Familial history</td>
<td>3 (2.2)</td>
</tr>
<tr>
<td>Coronary heart disease</td>
<td>13 (9.6)</td>
</tr>
<tr>
<td>Medications, n (%)</td>
<td></td>
</tr>
<tr>
<td>Pre-stroke lipid lowering agents</td>
<td>15 (11.0)</td>
</tr>
<tr>
<td>Laboratory data, mean±SD</td>
<td></td>
</tr>
<tr>
<td>LDL particle size, nm</td>
<td>25.9±0.8</td>
</tr>
<tr>
<td>Hemoglobin, g/L</td>
<td>13±1</td>
</tr>
<tr>
<td>White blood cell count, ×10^9/L</td>
<td>6±2</td>
</tr>
<tr>
<td>Total cholesterol, mg/dL</td>
<td>177±34</td>
</tr>
<tr>
<td>High density lipoprotein, mg/dL</td>
<td>44±11</td>
</tr>
<tr>
<td>Low density lipoprotein, mg/dL</td>
<td>110±33</td>
</tr>
<tr>
<td>Lipoprotein (a), mg/dL</td>
<td>21±18</td>
</tr>
<tr>
<td>Triglyceride, mg/dL</td>
<td>116±67</td>
</tr>
<tr>
<td>Hemoglobin A1C, %</td>
<td>6±1</td>
</tr>
<tr>
<td>High sensitivity C-reactive protein</td>
<td>1±2</td>
</tr>
<tr>
<td>Fasting glucose, mg/dL</td>
<td>104±32</td>
</tr>
<tr>
<td>TG/HDL ratio</td>
<td>2±2</td>
</tr>
<tr>
<td>Total cholesterol/HDL ratio</td>
<td>4±1</td>
</tr>
<tr>
<td>LDL/HDL ratio</td>
<td>2±1</td>
</tr>
<tr>
<td>Clinical data</td>
<td></td>
</tr>
<tr>
<td>Body mass index, mean±SD</td>
<td>24±2</td>
</tr>
</tbody>
</table>

*The data are presented as n (%), mean±SD values or median (interquartile ranges). HDL: high-density lipoprotein, LDL: low-density lipoprotein, mRS: modified Rankin scale, NIHSS: National Institute of Health Stroke Scale, n: number, SD: standard deviation, TG: triglyceride.*