**Supplementary Table 1.** MEDLINE-Ovid Search strategy

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| Search No. | Search term |
| 1 | longitudinal.af. |
| 2 | repeat\*measure\*.af. |
| 3 | hierarchical.af |
| 4 | multilevel model\*.af |
| 5 | change.af. |
| 6 | slope.af. |
| 7 | profile.af. |
| 8 | trajector\*.af. |
| 9 | growth curve.af. |
| 10 | cardiovasc\*.ti. |
| 11 | cerebrovasc\*.ti. |
| 12 | atrial fibrillation.ti. |
| 13 | coronary.ti. |
| 14 | artery.ti. |
| 15 | disease.ti. |
| 16 | 14 or 15 |
| 17 | 13 and 16 |
| 18 | stroke.ti. |
| 19 | exp \*Myocardial Infarction/ |
| 20 | \*Cardiovascular Diseases/ |
| 21 | exp \*Coronary Disease/ |
| 22 | exp \*Stroke/ |
| 23 | \*Brain Ischemia/ |
| 24 | \*Heart Diseases/ |
| 25 | exp \*Intracranial Hemorrhages/ |
| 26 | exp \*Intracranial Hemorrhage, Traumatic/ |
| 27 | 25 not 26 |
| 28 | 10 or 11 or 12 or 17 or 18 or 19 or 20 or 21 or 22 or 23 or 24 or 27 |
| 29 | 1 or 2 or 3 or 4 |
| 30 | 5 or 6 or 7 or 8 or 9 |
| 31 | 28 and 29 and 30 |