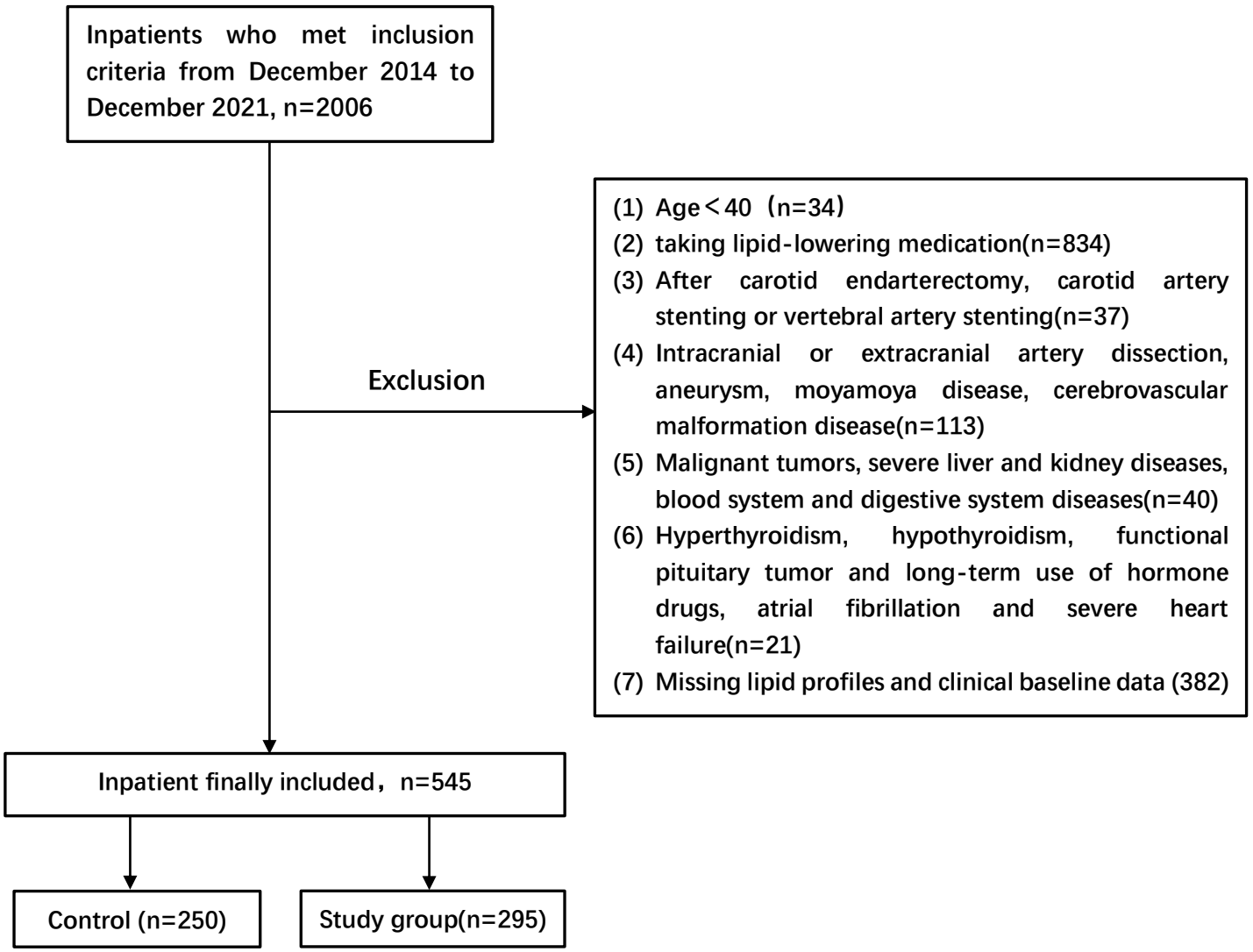
Inpatients who met inclusion criteria from December 2014 to December 2021, n=2006
Exclusion
(1) Age＜40（n=34）
(2) taking lipid-lowering medication(n=834)
(3) After carotid endarterectomy, carotid artery stenting or vertebral artery stenting(n=37)
(4) Intracranial or extracranial artery dissection, aneurysm, moyamoya disease, cerebrovascular malformation disease(n=113)
(5) Malignant tumors, severe liver and kidney diseases, blood system and digestive system diseases(n=40)
(6) Hyperthyroidism, hypothyroidism, functional pituitary tumor and long-term use of hormone drugs, atrial fibrillation and severe heart failure(n=21)
(7) Missing lipid profiles and clinical baseline data (382)
Inpatient finally included，n=545
Control (n=250)
Study group(n=295)