

Figure S3 (a-l) Network plot for overall population.

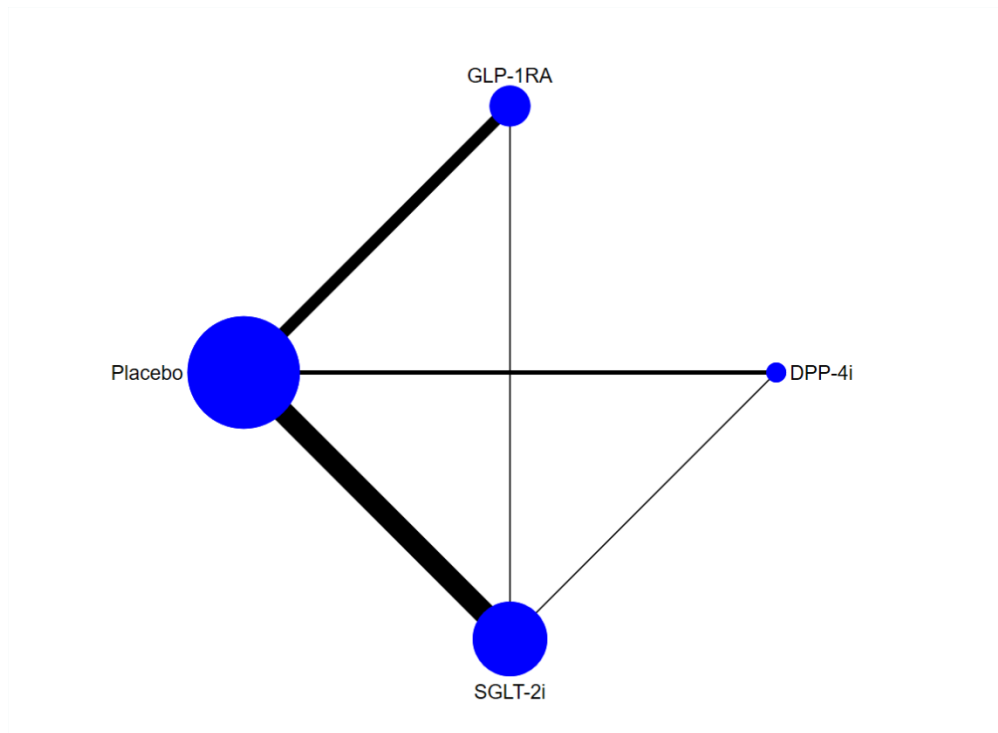


Figure S3 (a) Network plot of LVEF

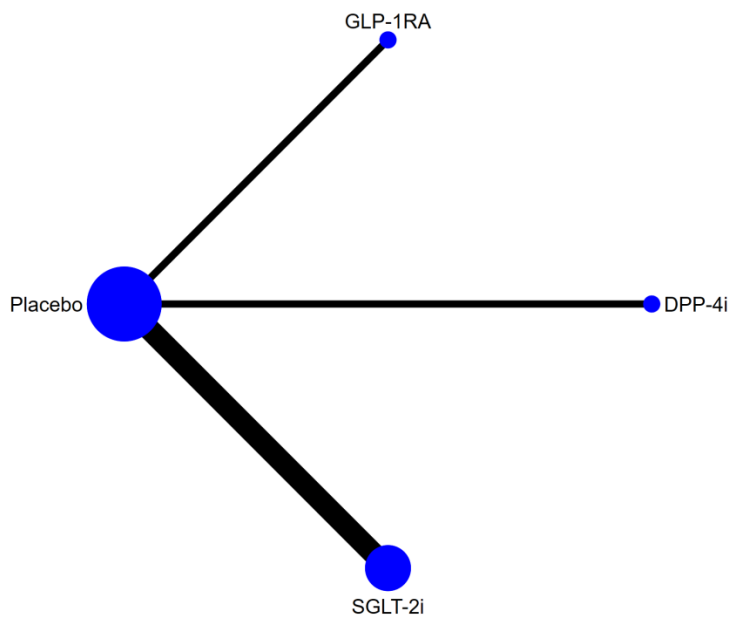


Figure S3 (b) Network plot of LVEDD

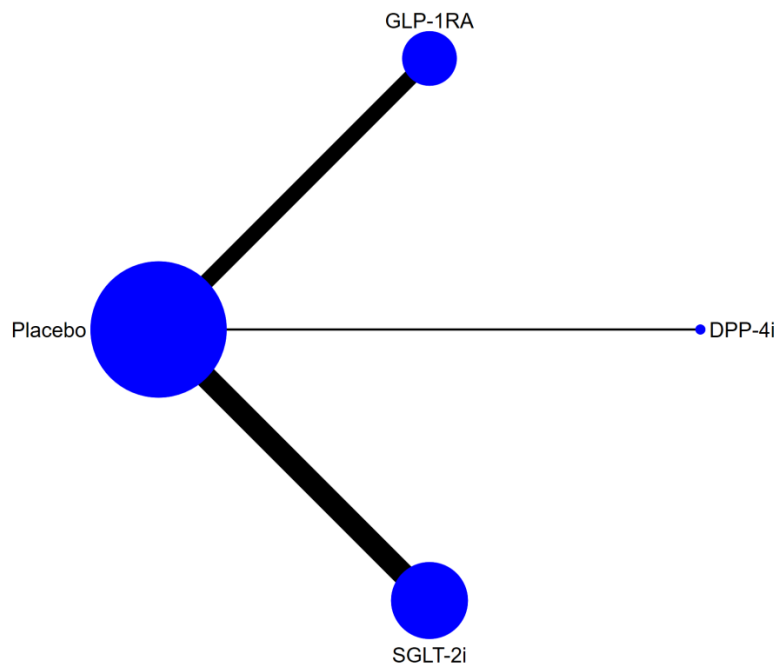


Figure S3 (c) Network plot of LVEDV

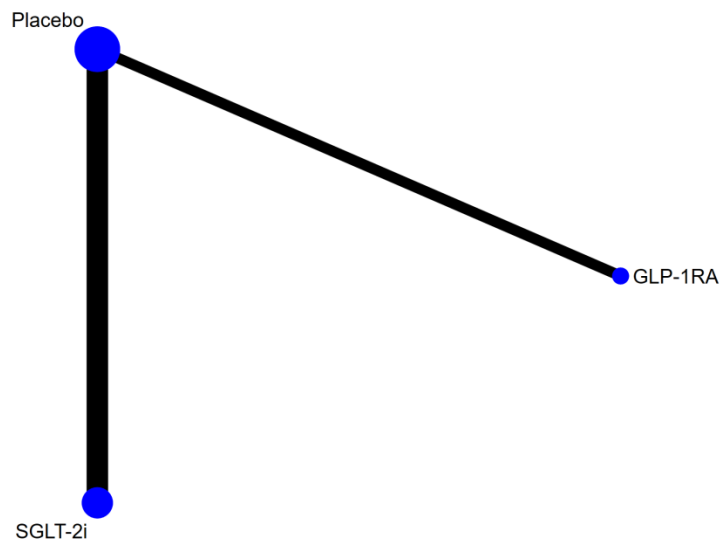


Figure S3 (d) Network plot of LVESD

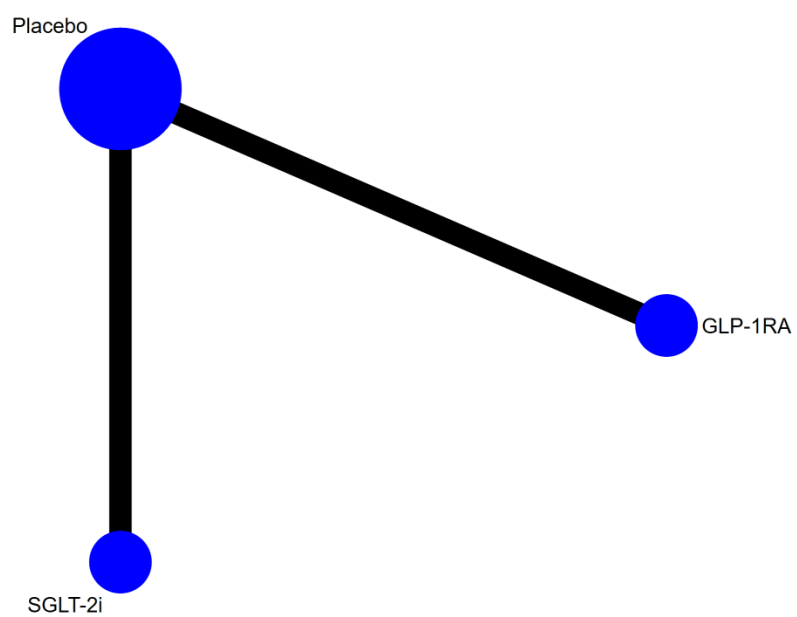


Figure S3 (e) Network plot of LVESV

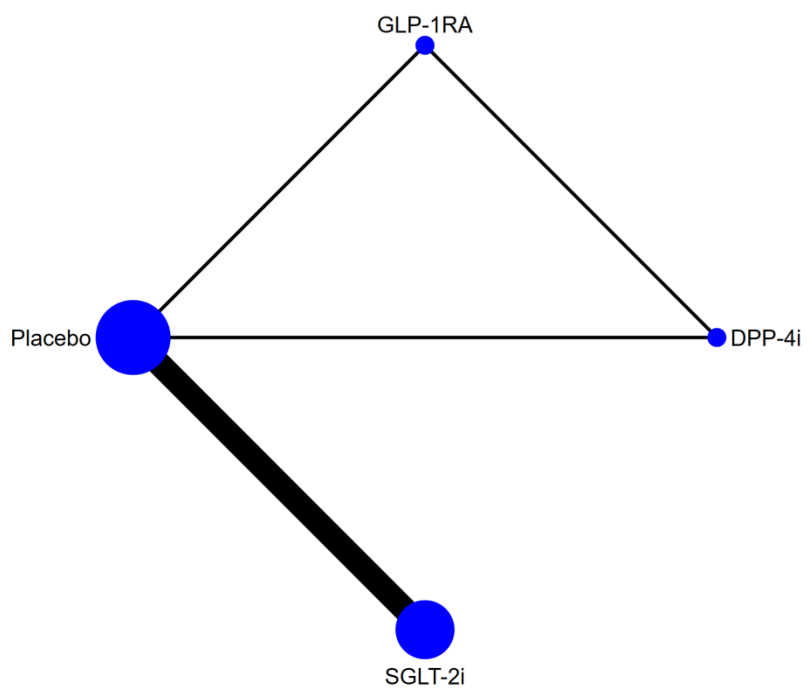


Figure S3 (f) Network plot of LVMI

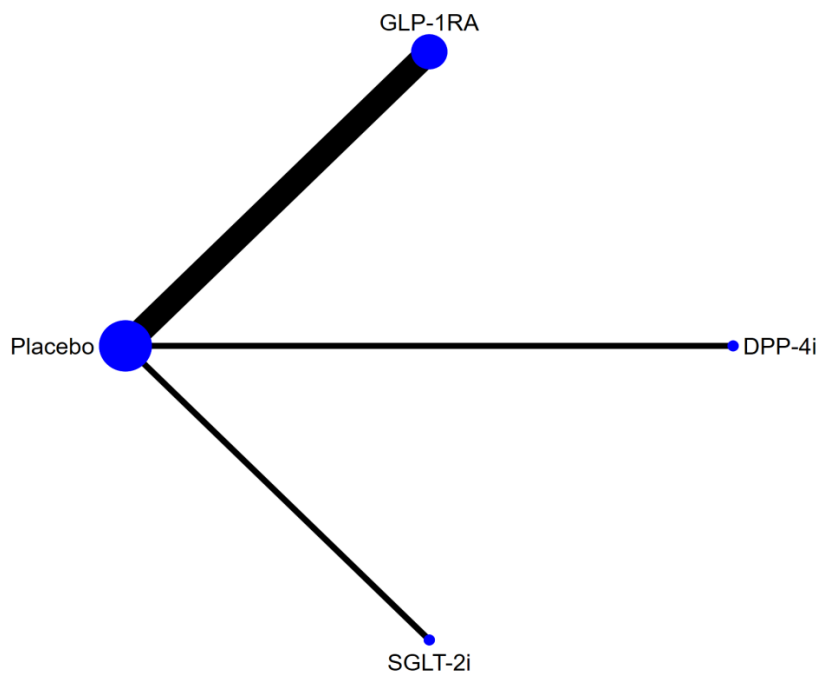


Figure S3 (g) Network plot of  $e'$

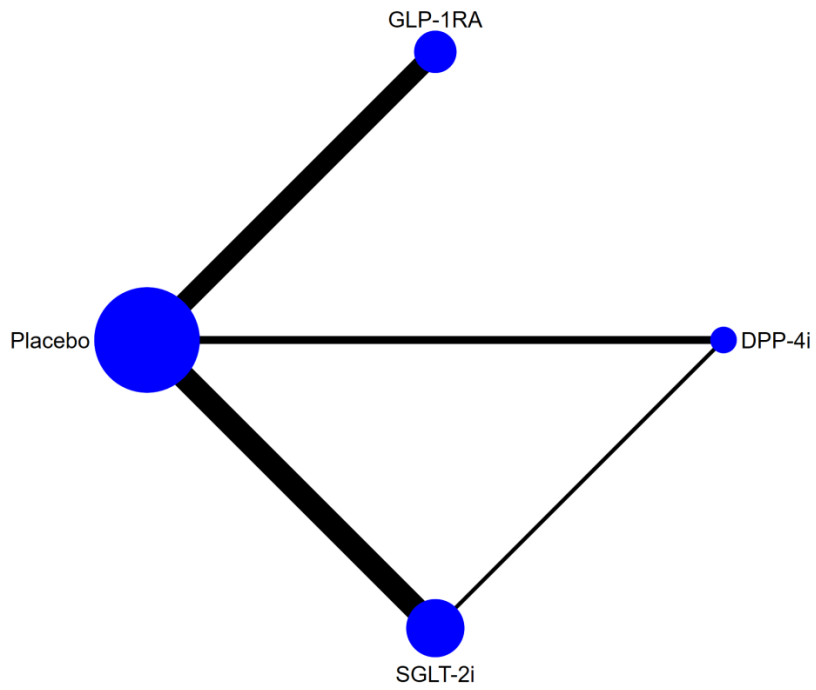


Figure S3 (h) Network plot of  $E/e'$

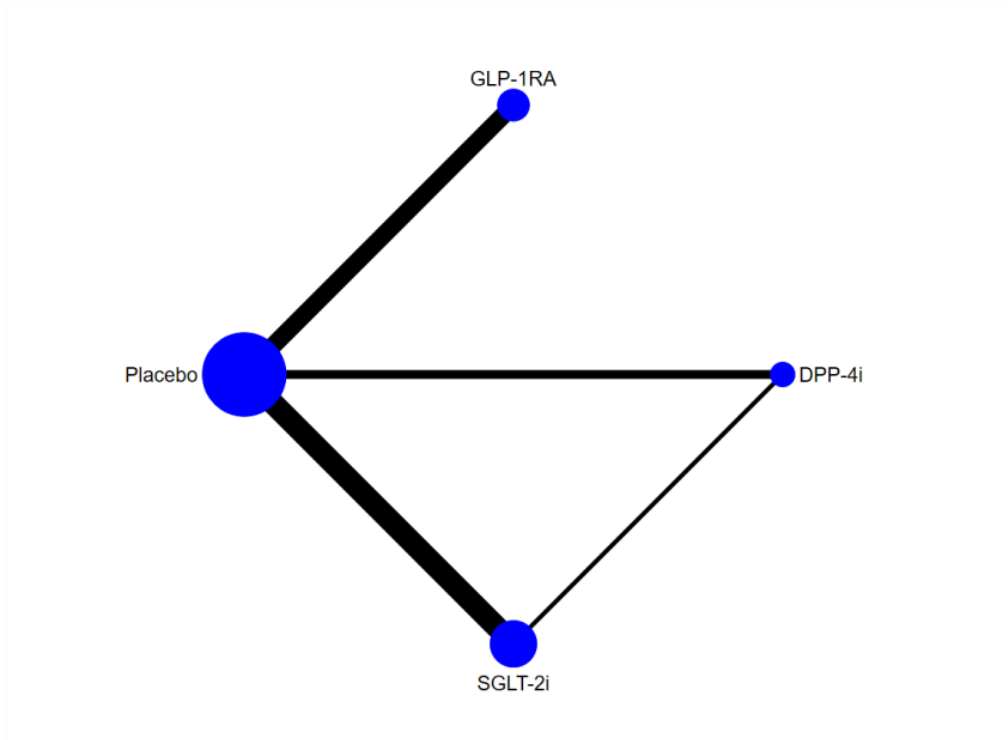


Figure S3 (i) Network plot of E/A

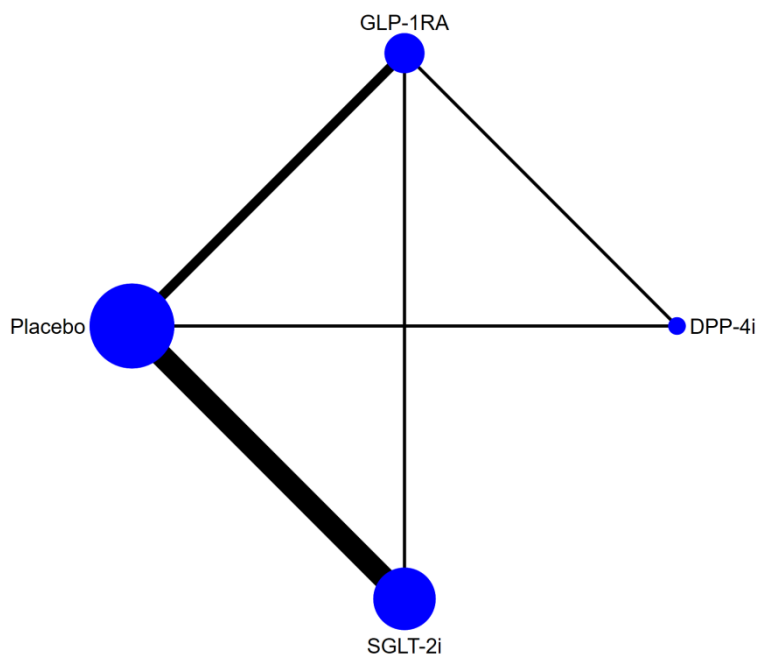


Figure S3 (j) Network plot of SBP

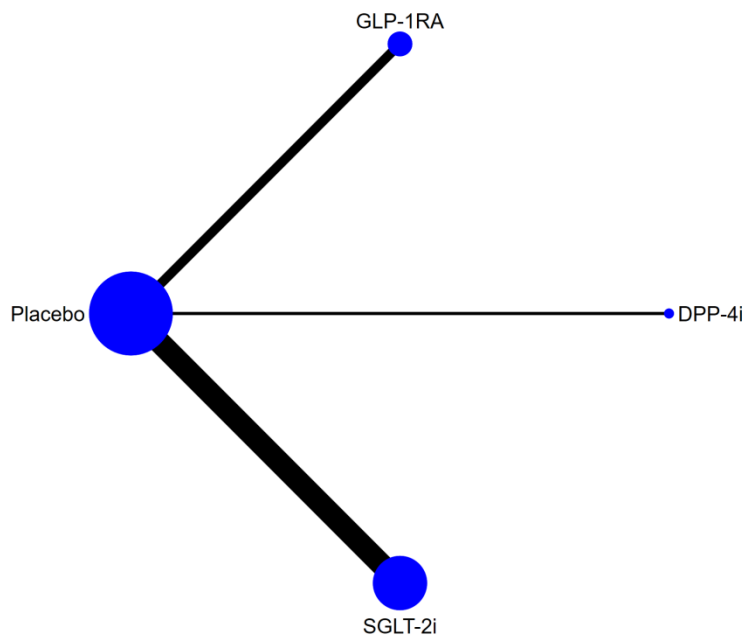


Figure S3 (k) Network plot of NT-pro BNP

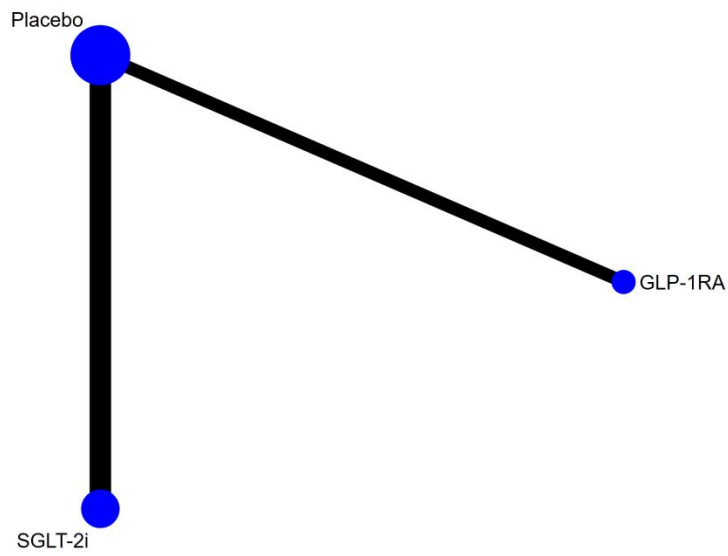
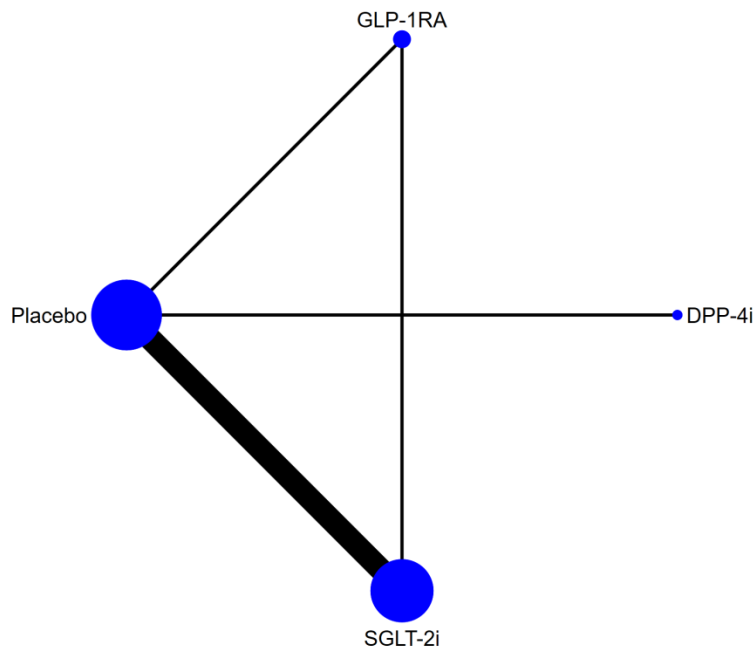
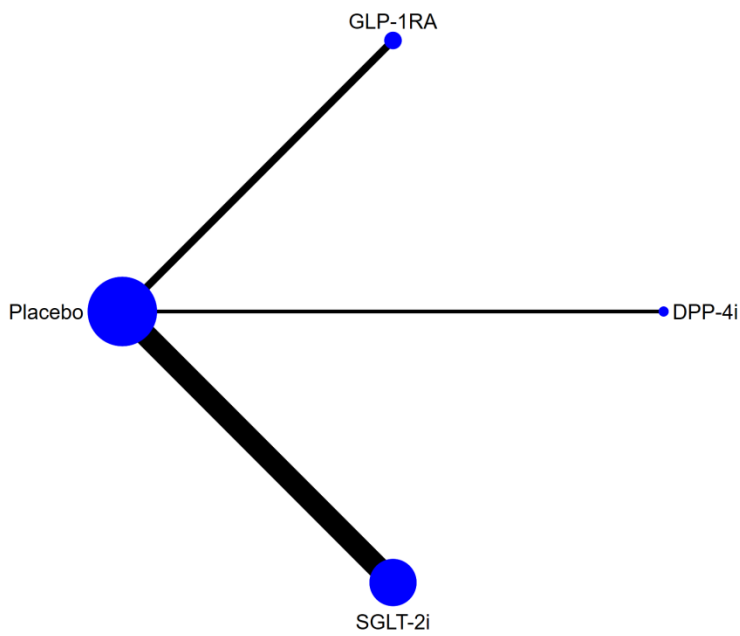


Figure S3 (l) Network plot of 6MWT

**Figure S3 (m-q) Network plot for subgroup of patients with T2DM and CVD.**



**Figure S3 (m) Network plot of LVEF**



**Figure S3 (n) Network plot of LVEDV**

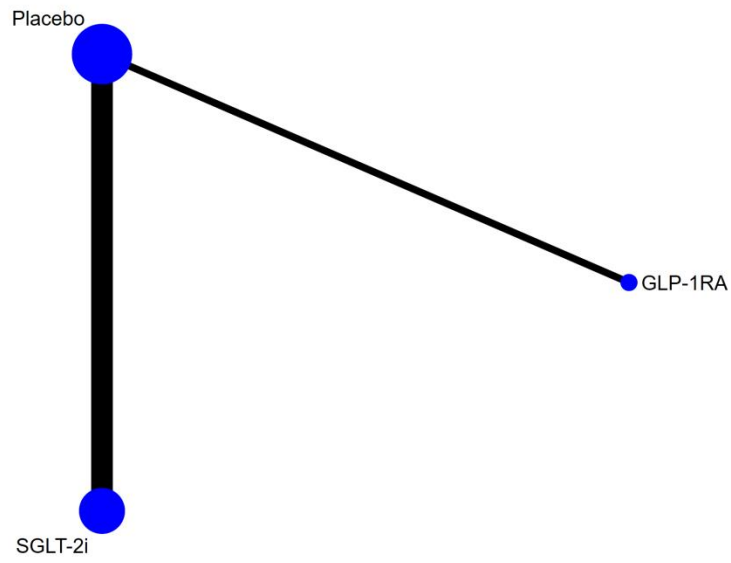


Figure S3 (o) Network plot of LVESV

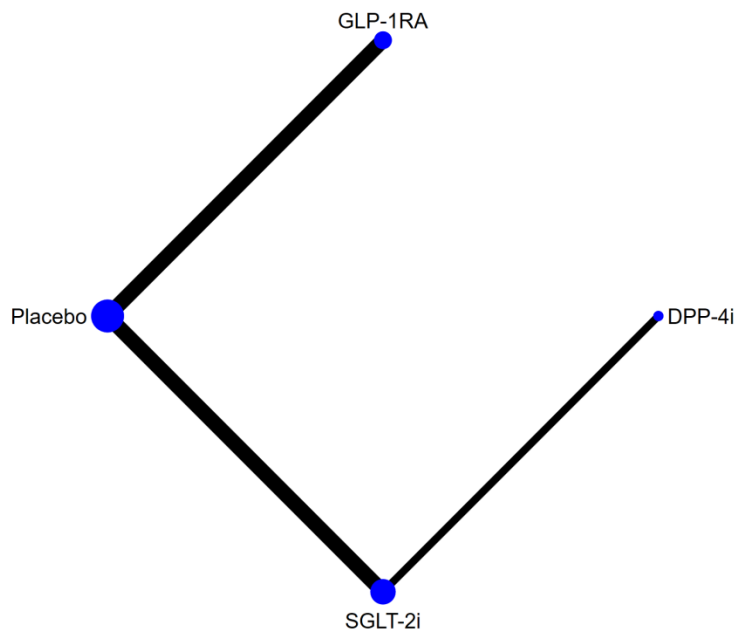


Figure S3 (p) Network plot of E/e'



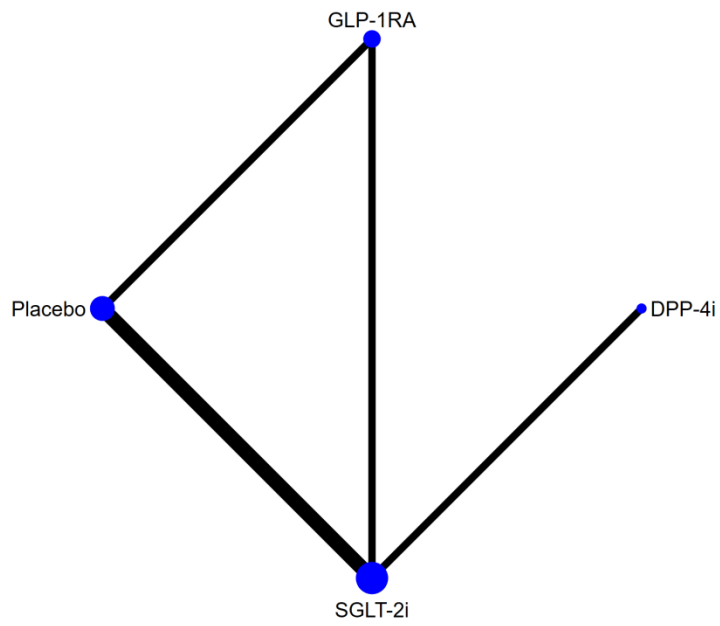


Figure S3 (q) Network plot of SBP

**Figure S3 (r-t) Network plot for subgroup of patients with CVD alone.**

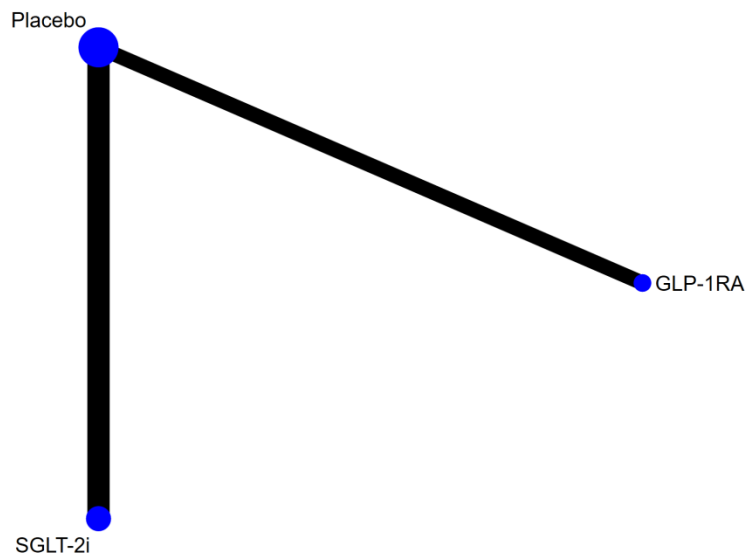


Figure S3 (r) Network plot of LVEF

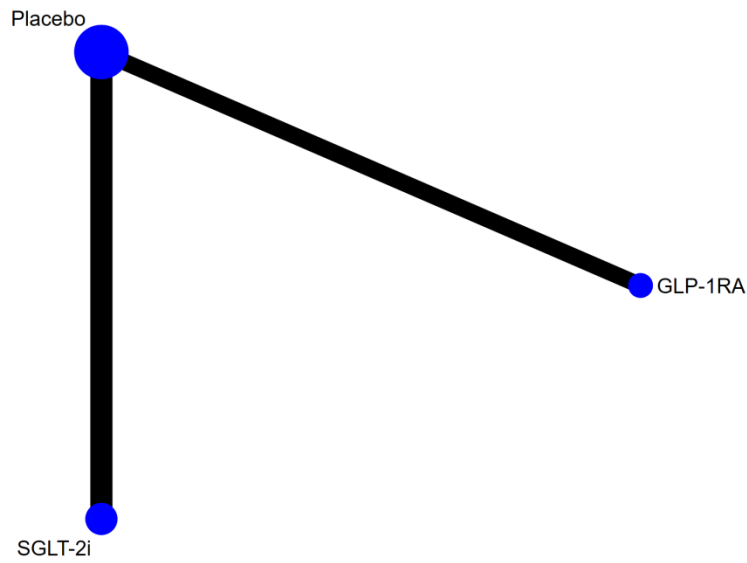


Figure S3 (s) Network plot of NT-pro BNP

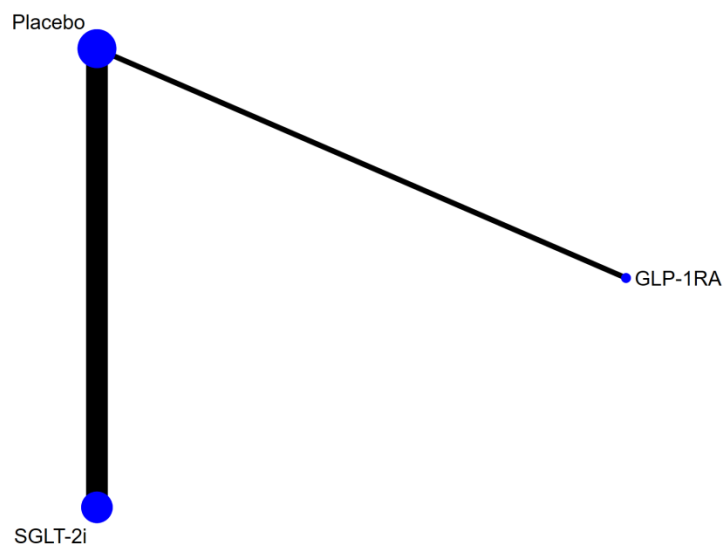


Figure S3 (t) Network plot of 6MWT

**Note:**  $e'$ : early diastolic velocity;  $E/e'$ : mitral inflow E velocity to tissue doppler  $e'$  ratio;  $E/A$ : early diastolic to late diastolic velocities ratio; **CVD**: cardiovascular disease; **DPP-4i**: dipeptidyl peptidase-4 inhibitor; **GLP-1RA**: glucagon-like peptide-1 receptor agonist; **LVEDD**: left ventricular end-diastolic diameter; **LVEDV**: LV end-diastolic volume; **LVEF**: LV ejection fraction; **LVESD**: LV end-systolic diameter; **LVESV**: LV end-systolic volume;

**LVMI:** LV mass index; **NT-pro BNP:** immunoreactive amino-terminal pro-brain natriuretic peptide; **SBP:** systolic blood pressure; **SGLT-2i:** sodium glucose cotransporter type 2 inhibitor; **T2DM:** type 2 diabetes; **6MWT:** 6-min walk test.