Concomitant Medication Scoring in ACCORD

All blood pressure, glycemia and lipid-lowering medications were tested for an association with LDL, HDL, triglycerides, and cholesterol. To obtain an initial list of candidate medications, the number of days over the whole trial any individual was on a given medication was tested with the change in LDL, HDL, triglycerides, cholesterol for that time period using a Wilcoxon test. If the number of days all subjects in the ACCORD trial were on the medications was significantly associated with a change in the phenotypes listed above, based on a Wilcoxon test ($q < .05$), the drug was scored and considered a candidate in the model backward selection described in the main text.

Drug scores were determined based on the following criteria:

a. There is no record the subject was on the medication. Score = 0
b. The subject was on the medication prior to the pre-treatment time point, but dropped the medication prior to the post-treatment time point. Score = 1
c. The subject started the medication at the pre-treatment time point, but dropped the medication prior to the post-treatment time point. Score = 2
d. The subject started the medication at or after the pre-treatment time point, and complied through the post-treatment time point. Score = 3
e. The subject was on the medication prior to the pre-treatment time point, and complied through the post-treatment time point. Score = 4

For medication with only yearly records, a 0 or 1 score was assigned based on the most recent record for whether the subject was taking the medication.

ACCORD Covariate Selection Results

White Subjects Only:

HDL	LDL	Triglycerides	Cholesterol
Intensive glycemia arm	Intensive glycemia arm	Intensive glycemia arm	Intensive glycemia arm
PC3	Pretreatment LDL	Pretreatment triglycerides	Pretreatment cholesterol
Pretreatment HDL	Gender	smoking	Years diabetic
	Years diabetic	statin	Years dyslipidemia
	Years dyslipidemia		statin
	Statin		

African American subjects only:

HDL	LDL	Triglycerides	Cholesterol
Intensive glycemia arm	Intensive glycemia arm	Intensive glycemia arm	Intensive glycemia arm
Pretreatment HDL	Pretreatment LDL	Pretreatment triglycerides	Pretreatment cholesterol
Gender	Statin	BMI	BMI
Biguanide			statin

Hispanic subjects only:

HDL	LDL	Triglycerides	Cholesterol
Intensive glycemia arm	Intensive glycemia arm	Intensive glycemia arm	Intensive glycemia arm
Pretreatment HDL	Pretreatment LDL	Pretreatment triglycerides	Pretreatment cholesterol
Education	Statin	Network	Statin
Other Medications	PC2	Education	Hba1c
Thiazide		Left ventricular hypertrophy	PC2
PC8		stenosis	
		Beta blocker	
		Thiazide	
		PC1	
		PC2	
		PC3	