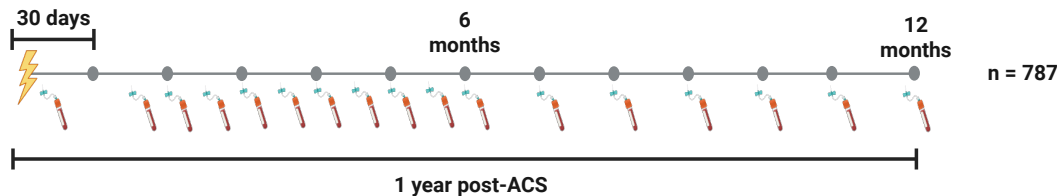


Online Supplement to “**Sex-Based Differences in Biomarker Trajectories in Acute Coronary Syndrome Patients from the BIOMArCS Study**” by Gärtner *et al.*

Supplementary Figure 1:

Included in analysis



Excluded from analysis

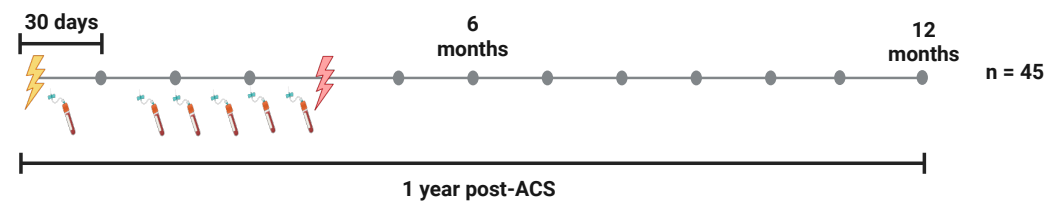
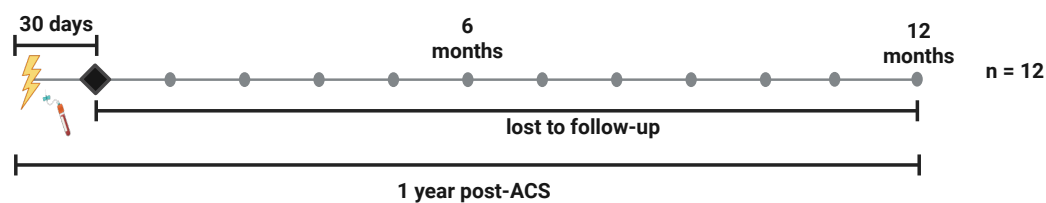


Figure legend

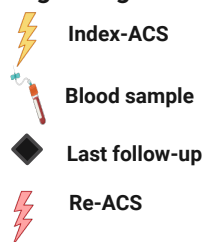


Figure S1: Overview of the patients included in the study cohorts and their sampling scheme. Basically, all participants were included, except those who did not attend any visits during the stabilized phase (and, hence, have no blood samples in that period), and the patients who reached the study endpoint of cardiovascular death or repeat ACS. Blood samples were taken twice a month from day 30 through the end of the sixth month, and monthly thereafter for the second half of the year after the index-ACS. This figure was created in Biorender.com.

Supplementary Table 1

Table S1: List of manufacturers and assay names of biomarkers used in the study. Custom-built assays were established at UMC Utrecht (The Netherlands); the exact composition is available upon request from the corresponding author.

Biomarker	Manufacturer	Assay
high-sensitivity cardiac troponin T (hs-cTnT)	Roche Diagnostics	Elecsys quantitative sandwich electro-chemiluminescence immunoassay on a cobas® e 601 analyser
high-sensitivity N-terminal pro-B-type natriuretic peptide (hs-NT-proBNP)	Roche Diagnostics	Elecsys quantitative sandwich electro-chemiluminescence immunoassay on a cobas® e 601 analyser
high-sensitivity C-reactive protein (hs-CRP)	Roche Diagnostics	Elecsys quantitative sandwich electro-chemiluminescence immunoassay on a cobas® e 601 analyser
Growth Differentiation Factor-15 (GDF-15)	Roche Diagnostics	Elecsys quantitative sandwich electro-chemiluminescence immunoassay on a cobas® e 601 analyser
high-sensitivity cardiac troponin I (hs-cTnI)	Abbott	Architect i2000SR TnI
soluble suppression of tumorigenicity 2 (sST2)	CRITICAL DIAGNOSTICS	Presage® ST2 Assay, REF# BC-1 065E
Myeloperoxidase (MPO)	Custom build	ELISA
Galectin-3 (Gal-3)	Custom build	Luminex immuno-assay
von Willebrand Factor (vWF)	Custom build	ELISA
LDL-Cholesterol	Calculation via Friedewald formula	—
HDL-cholesterol	Beckman Coulter	OSR6195
total cholesterol	Beckman Coulter	OSR6116
Cystatin C	Custom build	ELISA
Creatinine	Beckman Coulter	OSR6178