Biomarker distribution for imputed data(log scaled) Albumin aline.phosphata Apolipoprotein.A ne.aminotransfe Apolipoprotein.E tate.aminotrans 20 -2.5 -6 -2.0 -15 -3 -1.5 -10 -1.0 -5 -0.5 -0.0 -1.0 1.5 2.0 1.55.60.65.70.75 -0.10.00.10.20.30.4 -0.2 0.0 0.2 1.25.50.72.00.25 1.510.725.020.225.520.75 Direct.bilirubin .reactive.proteir Calcium Cholesterol Creatinine Cystatin.C 30 -0.8 -3 -6 -0.6 -20 -3 **-**2 **-**0.4 -10-0.2 -0.0 -1.501.752.002.25 0.35 0.40 0.45 0.4 0.6 0.8 1.0 -0.20.0 0.2 0.4 0.000.250.500.751.00 0 na.glutamyltrans Glucose d.haemoglobin. HDL.cholesterol IGF.1 LDL.direct CVD status 10.0 -1.5 density 7.5 -7.5 -1.0 -5.0 -0 5.0 -0.5 -2.5 -2.5 -0.2 0.4 0.6 0.8 1.01.52.02.5 .75.00.25.50.75 0.40.60.81.01.21.4 1.4 1.6 1.8 2.0 -0.250.00 0.25 0.50 0 Phosphate Lipoprotein.A SHBG Total.bilirubin Total.protein Testosterone 1.2 -20 -8 -2.0 -0.75 -0.9 -2 -15 **-**1.5 -0.50 -0.6 -10 -1.0 -0.25 0.5 -0.00 0.0 1.0 1.5 2.0 0.5 1.0 1.5 2.0 -0.2-0.10.0 0.1 0.2 -0.50.00.51.01.5 0.8 1.2 0.4 1.751.801.851.901.95 Vitamin.D Triglycerides Urate Urea 3**-**1.5 -2.0 -3 -1.5 -1.0 -1.0 -0.5 -0.5 --0.5 0.0 0.52.2 2.4 2.6 2.8 0.250.500.751.00 1.2 1.5 1.8 2.1 log10(Amount)