The operating receiver characteristic (ROC) curve 1.00 -0.75 sensitivity 0.50 -0.25 -0.00 -0.25 0.50 1 – specificity 0.00 0.75 1.00 LASSO, AUC = 0.914 — ALASSO, AUC = 0.905 Two-Step, AUC = 0.88 — PheCAP, AUC = 0.937