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| LEAD\_LOOCV  Linear Regression with Stepwise Selection  19 samples  4 predictor  No pre-processing  Resampling: Bootstrapped (25 reps)  Summary of sample sizes: 19, 19, 19, 19, 19, 19, ...  Resampling results:  RMSE Rsquared MAE  2.525916 0.2005512 1.989913  > LEAD\_LOOCV$finalModel  Call:  lm(formula = .outcome ~ SAGA\_Valley\_Depth + INR\_Mean, data = dat)  Coefficients:  (Intercept) SAGA\_Valley\_Depth INR\_Mean  8.32322 0.01504 47.33123  > LEAD\_LOOCV$results  parameter RMSE Rsquared MAE RMSESD RsquaredSD MAESD  1 none 2.525916 0.2005512 1.989913 0.7286513 0.267887 0.5563337  > summary(LEAD\_LOOCV)  Call:  lm(formula = .outcome ~ SAGA\_Valley\_Depth + INR\_Mean, data = dat)  Residuals:  Min 1Q Median 3Q Max  -3.3130 -1.2682 0.2068 0.9442 3.0426  Coefficients:  Estimate Std. Error t value Pr(>|t|)  (Intercept) 8.323219 1.542983 5.394 5.96e-05 \*\*\*  SAGA\_Valley\_Depth 0.015036 0.006647 2.262 0.03796 \*  INR\_Mean 47.331233 14.397306 3.288 0.00464 \*\*  ---  Signif. codes: 0 ‘\*\*\*’ 0.001 ‘\*\*’ 0.01 ‘\*’ 0.05 ‘.’ 0.1 ‘ ’ 1  Residual standard error: 1.747 on 16 degrees of freedom  Multiple R-squared: 0.4711, Adjusted R-squared: 0.405  F-statistic: 7.126 on 2 and 16 DF, p-value: 0.006122 |
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| arImp(LEAD\_LOOCV$finalModel)  Overall  SAGA\_Valley\_Depth 2.262107  INR\_Mean 3.287506  > LEAD\_LOOCV$finalModel$anova  Stepwise Model Path  Analysis of Deviance Table  Initial Model:  .outcome ~ SAGA\_ProfileCurvature + SAGA\_Valley\_Depth + INR\_Mean +  RONR\_Mean  Final Model:  .outcome ~ SAGA\_Valley\_Depth + INR\_Mean  Step Df Deviance Resid. Df Resid. Dev AIC  1 14 48.27162 27.71569  2 - RONR\_Mean 1 0.03464827 15 48.30627 25.72933  3 - SAGA\_ProfileCurvature 1 0.50738339 16 48.81366 23.92785 |
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