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| ZINC\_LOOCV  Linear Regression with Stepwise Selection  19 samples  6 predictor  No pre-processing  Resampling: Bootstrapped (25 reps)  Summary of sample sizes: 19, 19, 19, 19, 19, 19, ...  Resampling results:  RMSE Rsquared MAE  13.7874 0.321608 11.46575  > ZINC\_LOOCV$finalModel  Call:  lm(formula = .outcome ~ SAGA\_MassBalanceIndex + SAGA\_Valley\_Depth +  INR\_Mean, data = dat)  Coefficients:  (Intercept) SAGA\_MassBalanceIndex SAGA\_Valley\_Depth  40.10374 17.26602 0.06244  INR\_Mean  245.55470  > ZINC\_LOOCV$results  parameter RMSE Rsquared MAE RMSESD RsquaredSD MAESD  1 none 13.7874 0.321608 11.46575 5.401652 0.2302132 3.870886  > summary(ZINC\_LOOCV)  Call:  lm(formula = .outcome ~ SAGA\_MassBalanceIndex + SAGA\_Valley\_Depth +  INR\_Mean, data = dat)  Residuals:  Min 1Q Median 3Q Max  -12.288 -6.146 0.555 5.999 11.834  Coefficients:  Estimate Std. Error t value Pr(>|t|)  (Intercept) 40.10374 7.17622 5.588 5.18e-05 \*\*\*  SAGA\_MassBalanceIndex 17.26602 8.41342 2.052 0.05803 .  SAGA\_Valley\_Depth 0.06244 0.03144 1.986 0.06561 .  INR\_Mean 245.55470 68.22957 3.599 0.00263 \*\*  ---  Signif. codes: 0 ‘\*\*\*’ 0.001 ‘\*\*’ 0.01 ‘\*’ 0.05 ‘.’ 0.1 ‘ ’ 1  Residual standard error: 8.115 on 15 degrees of freedom  Multiple R-squared: 0.6204, Adjusted R-squared: 0.5445  F-statistic: 8.173 on 3 and 15 DF, p-value: 0.001847 |
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| varImp(ZINC\_LOOCV$finalModel)  Overall  SAGA\_MassBalanceIndex 2.052200  SAGA\_Valley\_Depth 1.986136  INR\_Mean 3.598948  > ZINC\_LOOCV$finalModel$anova  Stepwise Model Path  Analysis of Deviance Table  Initial Model:  .outcome ~ SAGA\_MassBalanceIndex + SAGA\_ProfileCurvature + SAGA\_Valley\_Depth +  INR\_Mean + CNR\_Mean + NDVI\_Mean  Final Model:  .outcome ~ SAGA\_MassBalanceIndex + SAGA\_Valley\_Depth + INR\_Mean  Step Df Deviance Resid. Df Resid. Dev AIC  1 12 929.1931 87.90768  2 - SAGA\_ProfileCurvature 1 13.00637 13 942.1995 86.17178  3 - NDVI\_Mean 1 14.61823 14 956.8177 84.46431  4 - CNR\_Mean 1 31.02066 15 987.8384 83.07052 |
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