COBALT\_LOOCV$finalModel

Call:

lm(formula = .outcome ~ CNR\_Mean + SAGA\_MRRTF, data = dat)

Coefficients:

(Intercept) CNR\_Mean SAGA\_MRRTF

14.972 -79.304 1.111

> COBALT\_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

5.579699 0.2613218 4.775215

COBALT\_LOOCV$results

parameter RMSE Rsquared MAE RMSESD RsquaredSD MAESD

1 none 5.579699 0.2613218 4.775215 1.58651 0.2751739 1.482829

summary(COBALT\_LOOCV)

Call:

lm(formula = .outcome ~ CNR\_Mean + SAGA\_MRRTF, data = dat)

Residuals:

Min 1Q Median 3Q Max

-6.022 -2.245 -0.733 1.770 6.125

Coefficients:

Estimate Std. Error t value Pr(>|t|)

(Intercept) 14.9724 2.0044 7.470 1.33e-06 \*\*\*

CNR\_Mean -79.3045 25.9253 -3.059 0.0075 \*\*

SAGA\_MRRTF 1.1112 0.5392 2.061 0.0559 .

---

Signif. codes: 0 ‘\*\*\*’ 0.001 ‘\*\*’ 0.01 ‘\*’ 0.05 ‘.’ 0.1 ‘ ’ 1

Residual standard error: 3.498 on 16 degrees of freedom

Multiple R-squared: 0.4475, Adjusted R-squared: 0.3785

F-statistic: 6.481 on 2 and 16 DF, p-value: 0.008678

COBALT\_LOOCV$finalModel$anova

Stepwise Model Path

Analysis of Deviance Table

Initial Model:

.outcome ~ SAGA\_Profile.Curvature + SAGA\_Valley.Depth + CNR\_Mean +

CLNR\_Mean + SAGA\_Aspect + SAGA\_MRRTF

Final Model:

.outcome ~ CNR\_Mean + SAGA\_MRRTF

Step Df Deviance Resid. Df Resid. Dev AIC

1 12 191.5354 57.90204

2 - CLNR\_Mean 1 0.05884801 13 191.5943 55.90788

3 - SAGA\_Aspect 1 0.67662330 14 192.2709 53.97486

4 - SAGA\_Valley.Depth 1 1.14176492 15 193.4127 52.08735

5 - SAGA\_Profile.Curvature 1 2.37067689 16 195.7833 50.31882