NMDS1

Call:

lm(formula = NMDS1 ~ AAR + Meter\_from\_ditch + I(sqrt(Meter\_from\_ditch)),

data = point.scores)

Residuals:

Min 1Q Median 3Q Max

-0.74284 -0.23435 -0.04969 0.21668 1.49140

Coefficients:

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

(Intercept) 1.732340 0.213240 8.124 2.17e-11 \*\*\*

AAR1 -0.113305 0.110942 -1.021 0.311

AAR2 0.008578 0.122529 0.070 0.944

Meter\_from\_ditch 0.058843 0.011287 5.213 2.19e-06 \*\*\*

I(sqrt(Meter\_from\_ditch)) -0.680901 0.092016 -7.400 4.00e-10 \*\*\*

---

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

Residual standard error: 0.383 on 63 degrees of freedom

Multiple R-squared: 0.612, Adjusted R-squared: 0.5873

F-statistic: 24.84 on 4 and 63 DF, p-value: 2.269e-12

Call:

lm(formula = NMDS1 ~ AAR \* Meter\_from\_ditch + I(sqrt(Meter\_from\_ditch)),

data = point.scores)

Residuals:

Min 1Q Median 3Q Max

-0.77556 -0.24437 -0.09152 0.23969 1.44798

Coefficients:

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

(Intercept) 1.516770 0.288177 5.263 1.93e-06 \*\*\*

AAR1 0.069235 0.239109 0.290 0.773

AAR2 0.241803 0.246323 0.982 0.330

Meter\_from\_ditch 0.060262 0.011920 5.056 4.19e-06 \*\*\*

I(sqrt(Meter\_from\_ditch)) -0.643344 0.099978 -6.435 2.15e-08 \*\*\*

AAR1:Meter\_from\_ditch -0.007257 0.008540 -0.850 0.399

AAR2:Meter\_from\_ditch -0.010719 0.010107 -1.061 0.293

---

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

Residual standard error: 0.3852 on 61 degrees of freedom

Multiple R-squared: 0.6198, Adjusted R-squared: 0.5824

F-statistic: 16.57 on 6 and 61 DF, p-value: 3.168e-11

NMDS2

Call:

lm(formula = NMDS2 ~ AAR + Meter\_from\_ditch + I(sqrt(Meter\_from\_ditch)),

data = point.scores)

Residuals:

Min 1Q Median 3Q Max

-0.6174 -0.1948 0.0366 0.1837 0.8501

Coefficients:

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

(Intercept) 0.200327 0.162718 1.231 0.222850

AAR1 -0.179735 0.084657 -2.123 0.037680 \*

AAR2 -0.217753 0.093498 -2.329 0.023083 \*

Meter\_from\_ditch 0.031914 0.008613 3.705 0.000447 \*\*\*

I(sqrt(Meter\_from\_ditch)) -0.176787 0.070215 -2.518 0.014364 \*

---

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

Residual standard error: 0.2922 on 63 degrees of freedom

Multiple R-squared: 0.3452, Adjusted R-squared: 0.3036

F-statistic: 8.302 on 4 and 63 DF, p-value: 1.918e-05

Call:

lm(formula = NMDS2 ~ AAR \* Meter\_from\_ditch + I(sqrt(Meter\_from\_ditch)),

data = point.scores)

Residuals:

Min 1Q Median 3Q Max

-0.63422 -0.17572 0.03408 0.18213 0.83362

Coefficients:

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

(Intercept) 0.144290 0.221824 0.650 0.517833

AAR1 -0.151859 0.184054 -0.825 0.412544

AAR2 -0.150283 0.189607 -0.793 0.431081

Meter\_from\_ditch 0.031787 0.009175 3.464 0.000978 \*\*\*

I(sqrt(Meter\_from\_ditch)) -0.164469 0.076958 -2.137 0.036606 \*

AAR1:Meter\_from\_ditch -0.001078 0.006573 -0.164 0.870257

AAR2:Meter\_from\_ditch -0.003266 0.007780 -0.420 0.676131

---

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

Residual standard error: 0.2965 on 61 degrees of freedom

Multiple R-squared: 0.3471, Adjusted R-squared: 0.2829

F-statistic: 5.404 on 6 and 61 DF, p-value: 0.0001567