*There are five outputs to submit (from questions 4, 6c, 6f, 8e and 10)*

Question 4

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Question 6c

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Question 6f

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| Call:  lm(formula = log(richness) ~ log(distance), data = plots)  Residuals:  Min 1Q Median 3Q  -0.18952 -0.11455 0.00412 0.08773  Max  0.27904  Coefficients:  Estimate Std. Error  (Intercept) -3.1900 0.2975  log(distance) 0.9041 0.0449  t value Pr(>|t|)  (Intercept) -10.72 7.45e-14 \*\*\*  log(distance) 20.13 < 2e-16 \*\*\*  ---  Signif. codes:  0 ‘\*\*\*’ 0.001 ‘\*\*’ 0.01 ‘\*’ 0.05  ‘.’ 0.1 ‘ ’ 1  Residual standard error: 0.1242 on 44 degrees of freedom  Multiple R-squared: 0.9021, Adjusted R-squared: 0.8999  F-statistic: 405.4 on 1 and 44 DF, p-value: < 2.2e-16 |

Question 8e

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| Call:  lm(formula = richness ~ site, data = plots)  Residuals:  Min 1Q Median 3Q Max  -10.8261 -5.6304 0.0652 5.1196 10.1739  Coefficients:  Estimate Std. Error t value Pr(>|t|)  (Intercept) 19.826 1.190 16.665 < 2e-16 \*\*\*  siteB -4.783 1.682 -2.843 0.00676 \*\*  ---  Signif. codes:  0 ‘\*\*\*’ 0.001 ‘\*\*’ 0.01 ‘\*’ 0.05 ‘.’ 0.1 ‘ ’ 1  Residual standard error: 5.705 on 44 degrees of freedom  Multiple R-squared: 0.1552, Adjusted R-squared: 0.136  F-statistic: 8.081 on 1 and 44 DF, p-value: 0.006758 |

Question 10

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