|  |  |  |
| --- | --- | --- |
| FrT ~ Female maturity (AnAge) + Hibernation | FrT ~ Generation Length + Daily | FrT ~ Generation Length + Hibernation |
| **Call**:  lm(formula = FrT ~ scale(Female.maturity..days.) \* scale(Features),  data = allparameters)  Residuals:  Min 1Q Median 3Q Max  -0.090989 -0.026662 -0.008832 0.021273 0.128172  Coefficients:  Estimate Std. Error t value Pr(>|t|)  (Intercept) 0.187118 0.002146 87.191 < 2e-16 \*\*\*  scale(Female.maturity..days.) -0.004087 0.002325 -1.758 0.079626 .  scale(Features) 0.012028 0.003563 3.376 0.000818 \*\*\*  scale(Female.maturity..days.):scale(Features) -0.001219 0.005174 -0.236 0.813907  ---  Signif. codes: 0 ‘\*\*\*’ 0.001 ‘\*\*’ 0.01 ‘\*’ 0.05 ‘.’ 0.1 ‘ ’ 1  Residual standard error: 0.03786 on 355 degrees of freedom  (91 observations deleted due to missingness)  Multiple R-squared: 0.1295, Adjusted R-squared: 0.1221  F-statistic: 17.6 on 3 and 355 DF, p-value: 1.133e-10  **Call**:  lm(formula = FrT ~ scale(Female.maturity..days.) + scale(Features),  data = allparameters)  Residuals:  Min 1Q Median 3Q Max  -0.08993 -0.02663 -0.00884 0.02131 0.12813  Coefficients:  Estimate Std. Error t value Pr(>|t|)  (Intercept) 0.187302 0.001997 93.813 < 2e-16 \*\*\*  scale(Female.maturity..days.) -0.003819 0.002025 -1.886 0.0601 .  scale(Features) 0.012735 0.001921 6.630 1.25e-10 \*\*\*  ---  Signif. codes: 0 ‘\*\*\*’ 0.001 ‘\*\*’ 0.01 ‘\*’ 0.05 ‘.’ 0.1 ‘ ’ 1  Residual standard error: 0.03781 on 356 degrees of freedom  (91 observations deleted due to missingness)  Multiple R-squared: 0.1293, Adjusted R-squared: 0.1244  F-statistic: 26.44 on 2 and 356 DF, p-value: 1.969e-11  **Call**:  lm(formula = scale(FrT) ~ 0 + scale(Female.maturity..days.) +  scale(Features), data = allparameters)  Residuals:  Min 1Q Median 3Q Max  -2.2202 -0.6762 -0.2415 0.4954 3.1059  Coefficients:  Estimate Std. Error t value Pr(>|t|)  scale(Female.maturity..days.) -0.09344 0.04943 -1.890 0.0595 .  scale(Features) 0.31050 0.04688 6.624 1.29e-10 \*\*\*  ---  Signif. codes: 0 ‘\*\*\*’ 0.001 ‘\*\*’ 0.01 ‘\*’ 0.05 ‘.’ 0.1 ‘ ’ 1  Residual standard error: 0.9231 on 357 degrees of freedom  (91 observations deleted due to missingness)  Multiple R-squared: 0.1289, Adjusted R-squared: 0.124  F-statistic: 26.41 on 2 and 357 DF, p-value: 2.008e-11 | **Call:**  lm(formula = FrT ~ scale(GenerationLength\_d) \* scale(Daily),  data = allparameters)  Residuals:  Min 1Q Median 3Q Max  -0.103475 -0.031152 -0.006499 0.032309 0.126175  Coefficients:  Estimate Std. Error t value Pr(>|t|)  (Intercept) 0.193837 0.001736 111.632 < 2e-16 \*\*\*  scale(GenerationLength\_d) -0.011838 0.001774 -6.672 5.43e-11 \*\*\*  scale(Daily) -0.002014 0.003646 -0.552 0.5808  scale(GenerationLength\_d):scale(Daily) -0.007939 0.004478 -1.773 0.0767 .  ---  Signif. codes: 0 ‘\*\*\*’ 0.001 ‘\*\*’ 0.01 ‘\*’ 0.05 ‘.’ 0.1 ‘ ’ 1  Residual standard error: 0.04254 on 646 degrees of freedom  Multiple R-squared: 0.07615, Adjusted R-squared: 0.07186  F-statistic: 17.75 on 3 and 646 DF, p-value: 4.427e-11  **Call:**  lm(formula = FrT ~ scale(GenerationLength\_d) + scale(Daily),  data = allparameters)  Residuals:  Min 1Q Median 3Q Max  -0.103553 -0.031140 -0.006422 0.032342 0.126050  Coefficients:  Estimate Std. Error t value Pr(>|t|)  (Intercept) 0.194690 0.001671 116.501 < 2e-16 \*\*\*  scale(GenerationLength\_d) -0.010823 0.001682 -6.434 2.42e-10 \*\*\*  scale(Daily) 0.003722 0.001682 2.213 0.0273 \*  ---  Signif. codes: 0 ‘\*\*\*’ 0.001 ‘\*\*’ 0.01 ‘\*’ 0.05 ‘.’ 0.1 ‘ ’ 1  Residual standard error: 0.04261 on 647 degrees of freedom  Multiple R-squared: 0.07165, Adjusted R-squared: 0.06878  F-statistic: 24.97 on 2 and 647 DF, p-value: 3.585e-11  **Call:**  lm(formula = scale(FrT) ~ 0 + scale(GenerationLength\_d) + scale(Daily),  data = allparameters)  Residuals:  Min 1Q Median 3Q Max  -2.3454 -0.7053 -0.1454 0.7325 2.8550  Coefficients:  Estimate Std. Error t value Pr(>|t|)  scale(GenerationLength\_d) -0.24514 0.03807 -6.439 2.34e-10 \*\*\*  scale(Daily) 0.08431 0.03807 2.215 0.0271 \*  ---  Signif. codes: 0 ‘\*\*\*’ 0.001 ‘\*\*’ 0.01 ‘\*’ 0.05 ‘.’ 0.1 ‘ ’ 1  Residual standard error: 0.9643 on 648 degrees of freedom  Multiple R-squared: 0.07165, Adjusted R-squared: 0.06879  F-statistic: 25.01 on 2 and 648 DF, p-value: 3.454e-11 | **Call**:  lm(formula = FrT ~ scale(GenerationLength\_d) \* scale(Hib), data = allparameters)  Residuals:  Min 1Q Median 3Q Max  -0.102295 -0.030099 -0.005413 0.030665 0.127366  Coefficients:  Estimate Std. Error t value Pr(>|t|)  (Intercept) 0.194607 0.001620 120.093 < 2e-16 \*\*\*  scale(GenerationLength\_d) -0.011232 0.001627 -6.904 1.21e-11 \*\*\*  scale(Hib) 0.010298 0.001646 6.258 7.09e-10 \*\*\*  scale(GenerationLength\_d):scale(Hib) -0.003825 0.002084 -1.836 0.0669 .  ---  Signif. codes: 0 ‘\*\*\*’ 0.001 ‘\*\*’ 0.01 ‘\*’ 0.05 ‘.’ 0.1 ‘ ’ 1  Residual standard error: 0.0413 on 646 degrees of freedom  Multiple R-squared: 0.1291, Adjusted R-squared: 0.1251  F-statistic: 31.93 on 3 and 646 DF, p-value: < 2.2e-16  **Call**:  lm(formula = FrT ~ scale(GenerationLength\_d) + scale(Hib), data = allparameters)  Residuals:  Min 1Q Median 3Q Max  -0.102465 -0.030341 -0.005593 0.031597 0.127089  Coefficients:  Estimate Std. Error t value Pr(>|t|)  (Intercept) 0.194690 0.001623 119.971 < 2e-16 \*\*\*  scale(GenerationLength\_d) -0.010989 0.001624 -6.765 2.99e-11 \*\*\*  scale(Hib) 0.010813 0.001624 6.656 6.00e-11 \*\*\*  ---  Signif. codes: 0 ‘\*\*\*’ 0.001 ‘\*\*’ 0.01 ‘\*’ 0.05 ‘.’ 0.1 ‘ ’ 1  Residual standard error: 0.04137 on 647 degrees of freedom  Multiple R-squared: 0.1246, Adjusted R-squared: 0.1219  F-statistic: 46.03 on 2 and 647 DF, p-value: < 2.2e-16  **Call**:  lm(formula = scale(FrT) ~ 0 + scale(GenerationLength\_d) + scale(Hib),  data = allparameters)  Residuals:  Min 1Q Median 3Q Max  -2.3208 -0.6872 -0.1267 0.7157 2.8785  Coefficients:  Estimate Std. Error t value Pr(>|t|)  scale(GenerationLength\_d) -0.24890 0.03676 -6.770 2.89e-11 \*\*\*  scale(Hib) 0.24490 0.03676 6.661 5.80e-11 \*\*\*  ---  Signif. codes: 0 ‘\*\*\*’ 0.001 ‘\*\*’ 0.01 ‘\*’ 0.05 ‘.’ 0.1 ‘ ’ 1  Residual standard error: 0.9364 on 648 degrees of freedom  Multiple R-squared: 0.1246, Adjusted R-squared: 0.1219  F-statistic: 46.11 on 2 and 648 DF, p-value: < 2.2e-16 |
| **N=28** | **N=**  **0 1**  **636 14** | **N=**  **0 1**  **634 16** |
| FrT ~ Generation Length + Monotremata | **FrT ~ Generation Length + Hib + Monotremata** | FrT ~ Generation Length + Marsupials |
| **Call:**  lm(formula = FrT ~ scale(GenerationLength\_d) \* scale(Mono), data = allparameters)  Residuals:  Min 1Q Median 3Q Max  -0.104142 -0.031226 -0.006213 0.031998 0.125314  Coefficients:  Estimate Std. Error t value Pr(>|t|)  (Intercept) 0.194745 0.001675 116.233 < 2e-16 \*\*\*  scale(GenerationLength\_d) -0.011405 0.001677 -6.801 2.38e-11 \*\*\*  scale(Mono) 0.004510 0.002429 1.857 0.0638 .  scale(GenerationLength\_d):scale(Mono) -0.001409 0.002523 -0.558 0.5767  ---  Signif. codes: 0 ‘\*\*\*’ 0.001 ‘\*\*’ 0.01 ‘\*’ 0.05 ‘.’ 0.1 ‘ ’ 1  Residual standard error: 0.04264 on 646 degrees of freedom  Multiple R-squared: 0.07145, Adjusted R-squared: 0.06714  F-statistic: 16.57 on 3 and 646 DF, p-value: 2.21e-10  **Call:**  lm(formula = FrT ~ scale(GenerationLength\_d) + scale(Mono), data = allparameters)  Residuals:  Min 1Q Median 3Q Max  -0.104157 -0.031209 -0.006354 0.031970 0.125288  Coefficients:  Estimate Std. Error t value Pr(>|t|)  (Intercept) 0.194690 0.001672 116.460 < 2e-16 \*\*\*  scale(GenerationLength\_d) -0.011361 0.001674 -6.786 2.62e-11 \*\*\*  scale(Mono) 0.003528 0.001674 2.107 0.0355 \*  ---  Signif. codes: 0 ‘\*\*\*’ 0.001 ‘\*\*’ 0.01 ‘\*’ 0.05 ‘.’ 0.1 ‘ ’ 1  Residual standard error: 0.04262 on 647 degrees of freedom  Multiple R-squared: 0.071, Adjusted R-squared: 0.06813  F-statistic: 24.72 on 2 and 647 DF, p-value: 4.499e-11    **Call:**  lm(formula = scale(FrT) ~ 0 + scale(GenerationLength\_d) + scale(Mono),  data = allparameters)  Residuals:  Min 1Q Median 3Q Max  -2.3591 -0.7069 -0.1439 0.7241 2.8377  Coefficients:  Estimate Std. Error t value Pr(>|t|)  scale(GenerationLength\_d) -0.25732 0.03789 -6.791 2.53e-11 \*\*\*  scale(Mono) 0.07990 0.03789 2.109 0.0354 \*  ---  Signif. codes: 0 ‘\*\*\*’ 0.001 ‘\*\*’ 0.01 ‘\*’ 0.05 ‘.’ 0.1 ‘ ’ 1  Residual standard error: 0.9646 on 648 degrees of freedom  Multiple R-squared: 0.071, Adjusted R-squared: 0.06813  F-statistic: 24.76 on 2 and 648 DF, p-value: 4.336e-11 | **Call:**  lm(formula = FrT ~ scale(GenerationLength\_d) + scale(Hib) + scale(Mono),  data = allparameters)  Residuals:  Min 1Q Median 3Q Max  -0.102450 -0.030401 -0.005563 0.031580 0.127082  Coefficients:  Estimate Std. Error t value Pr(>|t|)  (Intercept) 0.194690 0.001623 119.980 < 2e-16 \*\*\*  scale(GenerationLength\_d) -0.011062 0.001626 -6.804 2.32e-11 \*\*\*  scale(Hib) 0.010517 0.001649 6.379 3.40e-10 \*\*\*  scale(Mono) 0.001723 0.001650 1.045 0.297  ---  Signif. codes: 0 ‘\*\*\*’ 0.001 ‘\*\*’ 0.01 ‘\*’ 0.05 ‘.’ 0.1 ‘ ’ 1  Residual standard error: 0.04137 on 646 degrees of freedom  Multiple R-squared: 0.1261, Adjusted R-squared: 0.122  F-statistic: 31.06 on 3 and 646 DF, p-value: < 2.2e-16 | **Call:**  lm(formula = FrT ~ scale(GenerationLength\_d) \* scale(Mars), data = allparameters)  Residuals:  Min 1Q Median 3Q Max  -0.103096 -0.031072 -0.006067 0.031639 0.126654  Coefficients:  Estimate Std. Error t value Pr(>|t|)  (Intercept) 0.192970 0.001759 109.732 < 2e-16 \*\*\*  scale(GenerationLength\_d) -0.012907 0.001833 -7.043 4.83e-12 \*\*\*  scale(Mars) -0.004616 0.003277 -1.409 0.15935  scale(GenerationLength\_d):scale(Mars) -0.012667 0.004255 -2.977 0.00302 \*\*  ---  Signif. codes: 0 ‘\*\*\*’ 0.001 ‘\*\*’ 0.01 ‘\*’ 0.05 ‘.’ 0.1 ‘ ’ 1  Residual standard error: 0.04235 on 646 degrees of freedom  Multiple R-squared: 0.08432, Adjusted R-squared: 0.08007  F-statistic: 19.83 on 3 and 646 DF, p-value: 2.637e-12  **Call:**  lm(formula = FrT ~ scale(GenerationLength\_d) + scale(Mars), data = allparameters)  Residuals:  Min 1Q Median 3Q Max  -0.103286 -0.031266 -0.006297 0.032373 0.126349  Coefficients:  Estimate Std. Error t value Pr(>|t|)  (Intercept) 0.194690 0.001671 116.508 < 2e-16 \*\*\*  scale(GenerationLength\_d) -0.010712 0.001688 -6.346 4.15e-10 \*\*\*  scale(Mars) 0.003763 0.001688 2.229 0.0262 \*  ---  Signif. codes: 0 ‘\*\*\*’ 0.001 ‘\*\*’ 0.01 ‘\*’ 0.05 ‘.’ 0.1 ‘ ’ 1  Residual standard error: 0.0426 on 647 degrees of freedom  Multiple R-squared: 0.07175, Adjusted R-squared: 0.06888  F-statistic: 25.01 on 2 and 647 DF, p-value: 3.459e-11  **Call:**  lm(formula = scale(FrT) ~ 0 + scale(GenerationLength\_d) + scale(Mars),  data = allparameters)  Residuals:  Min 1Q Median 3Q Max  -2.3394 -0.7081 -0.1426 0.7332 2.8617  Coefficients:  Estimate Std. Error t value Pr(>|t|)  scale(GenerationLength\_d) -0.24263 0.03820 -6.351 4.03e-10 \*\*\*  scale(Mars) 0.08522 0.03820 2.231 0.026 \*  ---  Signif. codes: 0 ‘\*\*\*’ 0.001 ‘\*\*’ 0.01 ‘\*’ 0.05 ‘.’ 0.1 ‘ ’ 1  Residual standard error: 0.9642 on 648 degrees of freedom  Multiple R-squared: 0.07175, Adjusted R-squared: 0.06889  F-statistic: 25.05 on 2 and 648 DF, p-value: 3.333e-11 |
| **N=**  **0 1**  **648 2** |  | **N=**  **0 1**  **624 26** |
| FrT ~ Generation Length + HibMonotremata | FrT ~ Generation Length + HibMonotremata + Marsupials | FrT ~ Generation Length + HibDaily |
| **Call:**  lm(formula = FrT ~ scale(GenerationLength\_d) \* scale(MonoHib),  data = allparameters)  Residuals:  Min 1Q Median 3Q Max  -0.101208 -0.029951 -0.004993 0.031629 0.128625  Coefficients:  Estimate Std. Error t value Pr(>|t|)  (Intercept) 0.194490 0.001634 118.995 < 2e-16 \*\*\*  scale(GenerationLength\_d) -0.010582 0.001656 -6.390 3.19e-10 \*\*\*  scale(MonoHib) 0.010110 0.001841 5.493 5.69e-08 \*\*\*  scale(GenerationLength\_d):scale(MonoHib) -0.002340 0.002379 -0.984 0.326  ---  Signif. codes: 0 ‘\*\*\*’ 0.001 ‘\*\*’ 0.01 ‘\*’ 0.05 ‘.’ 0.1 ‘ ’ 1  Residual standard error: 0.04135 on 646 degrees of freedom  Multiple R-squared: 0.127, Adjusted R-squared: 0.123  F-statistic: 31.33 on 3 and 646 DF, p-value: < 2.2e-16  **Call:**  lm(formula = FrT ~ scale(GenerationLength\_d) + scale(MonoHib),  data = allparameters)  Residuals:  Min 1Q Median 3Q Max  -0.101326 -0.029524 -0.004895 0.031455 0.128433  Coefficients:  Estimate Std. Error t value Pr(>|t|)  (Intercept) 0.194690 0.001622 120.050 < 2e-16 \*\*\*  scale(GenerationLength\_d) -0.010288 0.001629 -6.316 5.00e-10 \*\*\*  scale(MonoHib) 0.010953 0.001629 6.724 3.89e-11 \*\*\*  ---  Signif. codes: 0 ‘\*\*\*’ 0.001 ‘\*\*’ 0.01 ‘\*’ 0.05 ‘.’ 0.1 ‘ ’ 1  Residual standard error: 0.04135 on 647 degrees of freedom  Multiple R-squared: 0.1257, Adjusted R-squared: 0.123  F-statistic: 46.52 on 2 and 647 DF, p-value: < 2.2e-16  **Call:**  lm(formula = scale(FrT) ~ 0 + scale(GenerationLength\_d) + scale(MonoHib),  data = allparameters)  Residuals:  Min 1Q Median 3Q Max  -2.2950 -0.6687 -0.1109 0.7124 2.9089  Coefficients:  Estimate Std. Error t value Pr(>|t|)  scale(GenerationLength\_d) -0.23302 0.03687 -6.321 4.84e-10 \*\*\*  scale(MonoHib) 0.24808 0.03687 6.729 3.76e-11 \*\*\*  ---  Signif. codes: 0 ‘\*\*\*’ 0.001 ‘\*\*’ 0.01 ‘\*’ 0.05 ‘.’ 0.1 ‘ ’ 1  Residual standard error: 0.9358 on 648 degrees of freedom  Multiple R-squared: 0.1257, Adjusted R-squared: 0.123  F-statistic: 46.59 on 2 and 648 DF, p-value: < 2.2e-16 | **Call:**  lm(formula = FrT ~ scale(GenerationLength\_d) + scale(MonoHib) +  scale(Mars), data = allparameters)  Residuals:  Min 1Q Median 3Q Max  -0.100861 -0.030344 -0.004681 0.030797 0.128974  Coefficients:  Estimate Std. Error t value Pr(>|t|)  (Intercept) 0.194690 0.001621 120.102 < 2e-16 \*\*\*  scale(GenerationLength\_d) -0.010034 0.001641 -6.115 1.67e-09 \*\*\*  scale(MonoHib) 0.010627 0.001649 6.445 2.26e-10 \*\*\*  scale(Mars) 0.002076 0.001658 1.252 0.211  ---  Signif. codes: 0 ‘\*\*\*’ 0.001 ‘\*\*’ 0.01 ‘\*’ 0.05 ‘.’ 0.1 ‘ ’ 1  Residual standard error: 0.04133 on 646 degrees of freedom  Multiple R-squared: 0.1278, Adjusted R-squared: 0.1238  F-statistic: 31.56 on 3 and 646 DF, p-value: < 2.2e-16 | **Call:**  lm(formula = FrT ~ scale(GenerationLength\_d) \* scale(HibDai),  data = allparameters)  Residuals:  Min 1Q Median 3Q Max  -0.101392 -0.029821 -0.005063 0.032203 0.128448  Coefficients:  Estimate Std. Error t value Pr(>|t|)  (Intercept) 0.194473 0.001639 118.659 < 2e-16 \*\*\*  scale(GenerationLength\_d) -0.010542 0.001655 -6.368 3.64e-10 \*\*\*  scale(HibDai) 0.009648 0.001885 5.118 4.09e-07 \*\*\*  scale(GenerationLength\_d):scale(HibDai) -0.002406 0.002345 -1.026 0.305  ---  Signif. codes: 0 ‘\*\*\*’ 0.001 ‘\*\*’ 0.01 ‘\*’ 0.05 ‘.’ 0.1 ‘ ’ 1  Residual standard error: 0.04143 on 646 degrees of freedom  Multiple R-squared: 0.1234, Adjusted R-squared: 0.1193  F-statistic: 30.31 on 3 and 646 DF, p-value: < 2.2e-16  **Call:**  lm(formula = FrT ~ scale(GenerationLength\_d) + scale(HibDai),  data = allparameters)  Residuals:  Min 1Q Median 3Q Max  -0.101513 -0.029681 -0.005068 0.031857 0.128254  Coefficients:  Estimate Std. Error t value Pr(>|t|)  (Intercept) 0.194690 0.001625 119.791 < 2e-16 \*\*\*  scale(GenerationLength\_d) -0.010263 0.001633 -6.284 6.05e-10 \*\*\*  scale(HibDai) 0.010614 0.001633 6.499 1.62e-10 \*\*\*  ---  Signif. codes: 0 ‘\*\*\*’ 0.001 ‘\*\*’ 0.01 ‘\*’ 0.05 ‘.’ 0.1 ‘ ’ 1  Residual standard error: 0.04144 on 647 degrees of freedom  Multiple R-squared: 0.1219, Adjusted R-squared: 0.1192  F-statistic: 44.93 on 2 and 647 DF, p-value: < 2.2e-16  **Call:**  lm(formula = scale(FrT) ~ 0 + scale(GenerationLength\_d) + scale(HibDai),  data = allparameters)  Residuals:  Min 1Q Median 3Q Max  -2.2992 -0.6723 -0.1148 0.7216 2.9049  Coefficients:  Estimate Std. Error t value Pr(>|t|)  scale(GenerationLength\_d) -0.23246 0.03696 -6.289 5.87e-10 \*\*\*  scale(HibDai) 0.24040 0.03696 6.504 1.56e-10 \*\*\*  ---  Signif. codes: 0 ‘\*\*\*’ 0.001 ‘\*\*’ 0.01 ‘\*’ 0.05 ‘.’ 0.1 ‘ ’ 1  Residual standard error: 0.9378 on 648 degrees of freedom  Multiple R-squared: 0.1219, Adjusted R-squared: 0.1192  F-statistic: 45 on 2 and 648 DF, p-value: < 2.2e-16 |
| **N=**  **0 1**  **617 33** |  | **N=**  **0 1**  **620 30** |
| FrT ~ Generation Length + AllColder | FrT ~ Generation Length + Hib + NonWarm (Mars, Mono, Heterocephalus\_ glaber) + DailyTorp | FrT ~ Temperature + Endotherm Fishes |
| **Call:**  lm(formula = FrT ~ scale(GenerationLength\_d) \* scale(AllColder),  data = allparameters)  Residuals:  Min 1Q Median 3Q Max  -0.107076 -0.030719 -0.004758 0.031168 0.129584  Coefficients:  Estimate Std. Error t value Pr(>|t|)  (Intercept) 0.194173 0.001669 116.367 < 2e-16 \*\*\*  scale(GenerationLength\_d) -0.010579 0.001723 -6.139 1.45e-09 \*\*\*  scale(AllColder) 0.008481 0.002023 4.192 3.15e-05 \*\*\*  scale(GenerationLength\_d):scale(AllColder) -0.003821 0.002679 -1.426 0.154  ---  Signif. codes: 0 ‘\*\*\*’ 0.001 ‘\*\*’ 0.01 ‘\*’ 0.05 ‘.’ 0.1 ‘ ’ 1  Residual standard error: 0.04153 on 646 degrees of freedom  Multiple R-squared: 0.1194, Adjusted R-squared: 0.1153  F-statistic: 29.2 on 3 and 646 DF, p-value: < 2.2e-16  **Call:**  lm(formula = FrT ~ scale(GenerationLength\_d) + scale(AllColder),  data = allparameters)  Residuals:  Min 1Q Median 3Q Max  -0.108089 -0.030702 -0.004817 0.030636 0.129260  Coefficients:  Estimate Std. Error t value Pr(>|t|)  (Intercept) 0.194690 0.001630 119.430 < 2e-16 \*\*\*  scale(GenerationLength\_d) -0.009848 0.001647 -5.981 3.67e-09 \*\*\*  scale(AllColder) 0.010161 0.001647 6.171 1.20e-09 \*\*\*  ---  Signif. codes: 0 ‘\*\*\*’ 0.001 ‘\*\*’ 0.01 ‘\*’ 0.05 ‘.’ 0.1 ‘ ’ 1  Residual standard error: 0.04156 on 647 degrees of freedom  Multiple R-squared: 0.1166, Adjusted R-squared: 0.1139  F-statistic: 42.71 on 2 and 647 DF, p-value: < 2.2e-16  > ltest = lm(formula = scale(FrT) ~ 0 + scale(GenerationLength\_d)+scale(AllColder), data = allparameters)  > summary(ltest)  **Call:**  lm(formula = scale(FrT) ~ 0 + scale(GenerationLength\_d) + scale(AllColder),  data = allparameters)  Residuals:  Min 1Q Median 3Q Max  -2.4482 -0.6954 -0.1091 0.6939 2.9277  Coefficients:  Estimate Std. Error t value Pr(>|t|)  scale(GenerationLength\_d) -0.22306 0.03727 -5.986 3.57e-09 \*\*\*  scale(AllColder) 0.23015 0.03727 6.176 1.16e-09 \*\*\*  ---  Signif. codes: 0 ‘\*\*\*’ 0.001 ‘\*\*’ 0.01 ‘\*’ 0.05 ‘.’ 0.1 ‘ ’ 1  Residual standard error: 0.9406 on 648 degrees of freedom  Multiple R-squared: 0.1166, Adjusted R-squared: 0.1139  F-statistic: 42.77 on 2 and 648 DF, p-value: < 2.2e-16 | **Call:**  lm(formula = FrT ~ scale(GenerationLength\_d) + scale(Hib) + scale(Daily) +  scale(NonWarm), data = allparameters)  Residuals:  Min 1Q Median 3Q Max  -0.101103 -0.030769 -0.004665 0.030032 0.128650  Coefficients:  Estimate Std. Error t value Pr(>|t|)  (Intercept) 0.194690 0.001615 120.559 < 2e-16 \*\*\*  scale(GenerationLength\_d) -0.010312 0.001634 -6.310 5.18e-10 \*\*\*  scale(Hib) 0.010753 0.001621 6.635 6.88e-11 \*\*\*  scale(Daily) 0.003465 0.001666 2.080 0.0379 \*  scale(NonWarm) 0.002521 0.001671 1.509 0.1319  ---  Signif. codes: 0 ‘\*\*\*’ 0.001 ‘\*\*’ 0.01 ‘\*’ 0.05 ‘.’ 0.1 ‘ ’ 1  Residual standard error: 0.04117 on 645 degrees of freedom  Multiple R-squared: 0.1358, Adjusted R-squared: 0.1304  F-statistic: 25.33 on 4 and 645 DF, p-value: < 2.2e-16 | **Call:**  lm(formula = FrT ~ scale(Temperature) \* scale(EuFish), data = allparameters)  Residuals:  Min 1Q Median 3Q Max  -0.123767 -0.018861 0.001549 0.019892 0.171523  Coefficients:  Estimate Std. Error t value Pr(>|t|)  (Intercept) 0.2173964 0.0023539 92.354 <2e-16 \*\*\*  scale(Temperature) -0.0063207 0.0024611 -2.568 0.0107 \*  scale(EuFish) -0.0009423 0.0025507 -0.369 0.7121  scale(Temperature):scale(EuFish) 0.0003010 0.0048701 0.062 0.9508  ---  Signif. codes: 0 ‘\*\*\*’ 0.001 ‘\*\*’ 0.01 ‘\*’ 0.05 ‘.’ 0.1 ‘ ’ 1  Residual standard error: 0.04281 on 329 degrees of freedom  Multiple R-squared: 0.02248, Adjusted R-squared: 0.01356  F-statistic: 2.522 on 3 and 329 DF, p-value: 0.0578  **Call:**  lm(formula = FrT ~ scale(Temperature) + scale(EuFish), data = allparameters)  Residuals:  Min 1Q Median 3Q Max  -0.123741 -0.018853 0.001301 0.019908 0.171530  Coefficients:  Estimate Std. Error t value Pr(>|t|)  (Intercept) 0.2174083 0.0023425 92.809 < 2e-16 \*\*\*  scale(Temperature) -0.0063656 0.0023479 -2.711 0.00705 \*\*  scale(EuFish) -0.0008812 0.0023479 -0.375 0.70767  ---  Signif. codes: 0 ‘\*\*\*’ 0.001 ‘\*\*’ 0.01 ‘\*’ 0.05 ‘.’ 0.1 ‘ ’ 1  Residual standard error: 0.04275 on 330 degrees of freedom  Multiple R-squared: 0.02247, Adjusted R-squared: 0.01654  F-statistic: 3.792 on 2 and 330 DF, p-value: 0.02354  **Call:**  lm(formula = scale(FrT) ~ 0 + scale(Temperature) + scale(EuFish),  data = allparameters)  Residuals:  Min 1Q Median 3Q Max  -2.8707 -0.4374 0.0302 0.4618 3.9794  Coefficients:  Estimate Std. Error t value Pr(>|t|)  scale(Temperature) -0.14768 0.05439 -2.715 0.00697 \*\*  scale(EuFish) -0.02044 0.05439 -0.376 0.70724  ---  Signif. codes: 0 ‘\*\*\*’ 0.001 ‘\*\*’ 0.01 ‘\*’ 0.05 ‘.’ 0.1 ‘ ’ 1  Residual standard error: 0.9902 on 331 degrees of freedom  Multiple R-squared: 0.02247, Adjusted R-squared: 0.01656  F-statistic: 3.804 on 2 and 331 DF, p-value: 0.02327 |
| **N=**  **0 1**  **597 53** |  | **N =**  **0 1**  **321 12** |