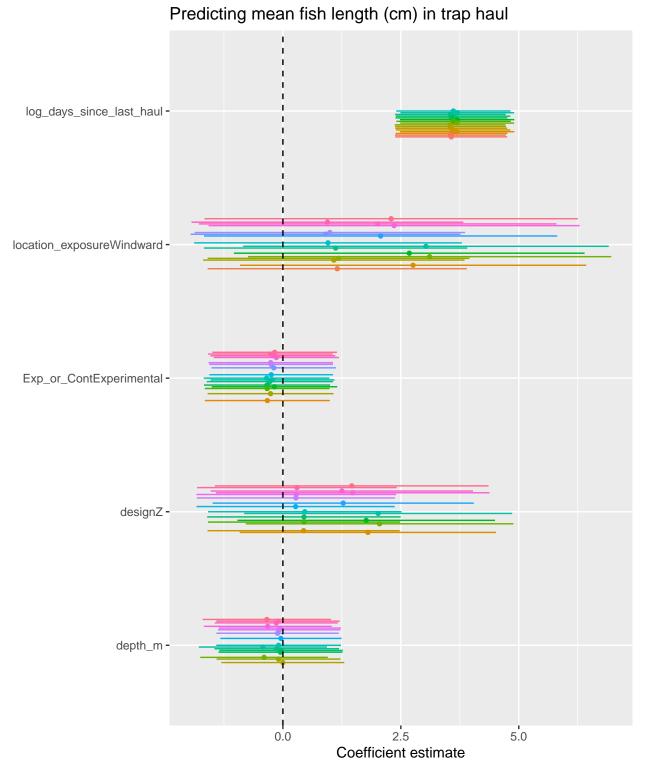


```
Global model call: lmer(formula = mean_length_cm ~ design + log_days_since_last_haul +
    location_exposure + Exp_or_Cont + depth_m + (1 | TrapID) +
    (1 | Date_YMD), data = trap_haul_no_zero_depth, REML = FALSE,
    na.action = "na.fail")
Model selection table
   (Int)
              dpt_m dsg Exp_or_Cnt lct_exp log_dys_snc_lst_hal df logLik
17 18.54
                                                        2.943 5 -739.789
25 18.50
                                                        2.929 6 -739.454
                                                        2.949 6 -739.671
21 18.70
27 16.57
                                                        3.046 7 -738.620
19 18.08
                                                        2.976 6 -739.701
18 18.54 -6.475e-05
                                                        2.943 6 -739.789
29 18.63
                                                        2.933 7 -739.381
26 18.66 -4.191e-03
                                                        2.925 7 -739.445
28 16.97 -1.798e-02
                                                        3.047 8 -738.457
23 18.24
                                                        2.982 7 -739.579
31 16.69
                                                        3.047 8 -738.585
22 18.79 -2.337e-03
                                                        2.947 7 -739.668
20 18.14 -1.694e-03
                                                        2.976 7 -739.700
30 18.86 -5.848e-03
                                                        2.928 8 -739.363
32 17.15 -1.907e-02
                                                        3.048 9 -738.404
24 18.38 -4.083e-03 +
                                                        2.981 8 -739.571
1 25.08
                                                               4 -749.414
9 25.01
                                                               5 -749.197
5 25.21
                                                               5 -749.345
3 24.84
                                                               5 -749.383
2 25.14 -1.839e-03
                                                               5 - 749.412
11 23.82
                                                               6 - 748.798
13 25.12
                                                               6 - 749.156
10 25.19 -5.085e-03
                                                               6 - 749.183
7 24.97
                                                               6 - 749.313
6 25.34 -3.572e-03
                                                               6 - 749.338
4 24.93 -2.789e-03
                                                               6 - 749.379
12 24.14 -1.443e-02
                                                               7 -748.692
15 23.93
                                                               7 -748.776
14 25.35 -6.338e-03
                                                               7 -749.134
8 25.12 -4.605e-03
                                                               7 -749.302
16 24.29 -1.531e-02 +
                                                               8 -748.659
    AICc delta weight
17 1489.8 0.00 0.235
25 1491.2 1.43 0.115
21 1491.7 1.86 0.093
27 1491.7 1.87 0.092
```

```
model
                                                                                sigma
                                                                                            logLik
                                                                                                          AIC
                                                                                                                      BIC
                                                                                                                             deviance
                                                                                                                                         df.residual
                                                                                                                  1507.36
                                                    log days since last haul
                                                                                  4.07
                                                                                          -739.79
                                                                                                      1489.58
                                                                                                                               1479.58
                                                                                                                                                 254
                                                                                                                                                253
                                 location exposure + log_days_since_last_haul
                                                                                  4.07
                                                                                          -739.45
                                                                                                      1490.91
                                                                                                                  1512.25
                                                                                                                               1478.91
                                      Exp or Cont + log_days_since_last_haul
                                                                                          -739.67
                                                                                                                               1479.34
                                                                                                                                                253
                                                                                  4.07
                                                                                                      1491.34
                                                                                                                  1512.68
                                                                                                                                                252
                        design + location exposure + log days since last haul
                                                                                  4.05
                                                                                          -738.62
                                                                                                      1491.24
                                                                                                                               1477.24
                                                                                                                  1516.14
                                            design + log days since last haul
                                                                                  4.07
                                                                                          -739.70
                                                                                                      1491.40
                                                                                                                  1512.74
                                                                                                                                                253
                                                                                                                               1479.40
                                                                                                                                                253
                                          depth m + log days since last haul
                                                                                  4.07
                                                                                          -739.79
                                                                                                                  1512.92
                                                                                                                               1479.58
                                                                                                      1491.58
                                                                                                                                                252
                                                                                          -739.38
                                                                                                                  1517.66
                  Exp or Cont + location exposure + log days since last haul
                                                                                  4.07
                                                                                                      1492.76
                                                                                                                               1478.76
                                                                                                                                                 252
                       depth m + location exposure + log days since last haul
                                                                                  4.07
                                                                                          -739.45
                                                                                                      1492.89
                                                                                                                  1517.79
                                                                                                                               1478.89
              depth m + design + location exposure + log days since last haul
                                                                                  4.05
                                                                                          -738.46
                                                                                                      1492.91
                                                                                                                  1521.37
                                                                                                                               1476.91
                                                                                                                                                251
                                                                                  4.06
                                                                                          -739.58
                                                                                                                  1518.06
                                                                                                                                                252
                             design + Exp or Cont + log days since last haul
                                                                                                      1493.16
                                                                                                                               1479.16
          design + Exp or Cont + location exposure + log_days_since_last_haul
                                                                                  4.05
                                                                                          -738.59
                                                                                                      1493.17
                                                                                                                  1521.63
                                                                                                                               1477.17
                                                                                                                                                251
                                                                                  4.07
                                                                                          -739.67
                                                                                                      1493.34
                                                                                                                  1518.23
                                                                                                                               1479.34
                                                                                                                                                252
                           depth m + Exp or Cont + log days since last haul
                                                                                                                                                252
                                                                                  4.07
                                                                                          -739.70
                                                                                                      1493.40
                                                                                                                  1518.30
                                                                                                                               1479.40
                                 depth m + design + log days since last haul
                                                                                                                                                251
        depth m + Exp or Cont + location exposure + log days since last haul
                                                                                  4.07
                                                                                          -739.36
                                                                                                      1494.73
                                                                                                                  1523.18
                                                                                                                               1478.73
depth m + design + Exp or Cont + location exposure + log days since last haul
                                                                                  4.05
                                                                                          -738.40
                                                                                                                  1526.82
                                                                                                                               1476.81
                                                                                                                                                250
                                                                                                      1494.81
                                                                                  4.07
                                                                                          -739.57
                                                                                                                  1523.60
                                                                                                                               1479.14
                                                                                                                                                251
                   depth_m + design + Exp_or_Cont + log_days_since_last_haul
                                                                                                      1495.14
                                                                                                                  1521.06
                                                                                  4.06
                                                                                          -749.41
                                                                                                                               1498.83
                                                                                                                                                 255
                                                                                                      1506.83
                                                                        none
                                                                                                                                                254
                                                                                          -749.20
                                                                                                                  1526.18
                                                                                  4.06
                                                                                                      1508.39
                                                                                                                               1498.39
                                                           location exposure
                                                                                          -749.35
                                                                                                                                                254
                                                                                  4.06
                                                                                                      1508.69
                                                                                                                  1526.47
                                                                                                                               1498.69
                                                                Exp or Cont
                                                                                          -749.38
                                                                                                                  1526.55
                                                                                                                                                254
                                                                                  4.06
                                                                                                      1508.77
                                                                                                                               1498.77
                                                                      design
                                                                    depth m
                                                                                  4.06
                                                                                          -749.41
                                                                                                      1508.82
                                                                                                                  1526.61
                                                                                                                               1498.82
                                                                                                                                                 254
                                                   design + location exposure
                                                                                  4.04
                                                                                          -748.80
                                                                                                      1509.60
                                                                                                                  1530.94
                                                                                                                               1497.60
                                                                                                                                                253
                                             Exp or Cont + location exposure
                                                                                  4.06
                                                                                          -749.16
                                                                                                                  1531.65
                                                                                                                               1498.31
                                                                                                                                                253
                                                                                                      1510.31
                                                                                                                                                253
                                                 depth m + location exposure
                                                                                  4.06
                                                                                          -749.18
                                                                                                                  1531.71
                                                                                                                               1498.37
                                                                                                      1510.37
                                                                                                                                                253
                                                       design + Exp or Cont
                                                                                  4.05
                                                                                          -749.31
                                                                                                      1510.63
                                                                                                                  1531.97
                                                                                                                               1498.63
                                                                                                                                                253
                                                                                  4.06
                                                                                          -749.34
                                                                                                                  1532.02
                                                                                                                               1498.68
                                                     depth_m + Exp_or_Cont
                                                                                                      1510.68
                                                           depth m + design
                                                                                  4.06
                                                                                          -749.38
                                                                                                      1510.76
                                                                                                                  1532.10
                                                                                                                               1498.76
                                                                                                                                                253
                                                                                  4.05
                                                                                                                  1536.28
                                                                                                                                                 252
                                        depth m + design + location exposure
                                                                                          -748.69
                                                                                                      1511.38
                                                                                                                               1497.38
                                    design + Exp or Cont + location exposure
                                                                                  4.04
                                                                                          -748.78
                                                                                                                  1536.45
                                                                                                                               1497.55
                                                                                                                                                252
                                                                                                      1511.55
                                  depth m + Exp or Cont + location exposure
                                                                                  4.06
                                                                                          -749.13
                                                                                                      1512.27
                                                                                                                  1537.17
                                                                                                                               1498.27
                                                                                                                                                252
                                                                                                                  1537.50
                                             depth m + design + Exp or Cont
                                                                                  4.06
                                                                                          -749.30
                                                                                                      1512.60
                                                                                                                               1498.60
                                                                                                                                                252
                                                                                  4.05
                                                                                                                  1541.77
                                                                                                                                                 251
                          depth m + design + Exp or Cont + location exposure
                                                                                          -748.66
                                                                                                      1513.32
                                                                                                                               1497.32
```



# Fixed coefficients in model (highest to lowest AIC)

- depth\_m + design + Exp\_or\_Cont + location\_exposure
- depth\_m + design + Exp\_or\_Cont
- depth\_m + Exp\_or\_Cont + location\_exposure
- design + Exp\_or\_Cont + location\_exposure
- depth\_m + design + location\_exposure
- depth\_m + design
- depth\_m + Exp\_or\_Cont
- design + Exp\_or\_Cont
- depth\_m + location\_exposure
- Exp\_or\_Cont + location\_exposure
- design + location\_exposure
- depth\_m
- design
- Exp\_or\_Cont
- location\_exposure
- depth\_m + design + Exp\_or\_Cont + log\_days\_since\_last\_haul
- depth\_m + design + Exp\_or\_Cont + location\_exposure + log\_days\_since\_last\_haul
- depth\_m + Exp\_or\_Cont + location\_exposure + log\_days\_since\_last\_haul
- depth\_m + design + log\_days\_since\_last\_haul
- depth\_m + Exp\_or\_Cont + log\_days\_since\_last\_haul
- design + Exp\_or\_Cont + location\_exposure + log\_days\_since\_last\_haul
- design + Exp\_or\_Cont + log\_days\_since\_last\_haul
- depth\_m + design + location\_exposure + log\_days\_since\_last\_haul
- depth\_m + location\_exposure + log\_days\_since\_last\_haul
- Exp\_or\_Cont + location\_exposure + log\_days\_since\_last\_haul
- depth\_m + log\_days\_since\_last\_haul
- design + log\_days\_since\_last\_haul
- design + location\_exposure + log\_days\_since\_last\_haul
- Exp\_or\_Cont + log\_days\_since\_last\_haul
- location\_exposure + log\_days\_since\_last\_haul
- log\_days\_since\_last\_haul

#### Backward reduced random-effect table:

Eliminated npar logLik

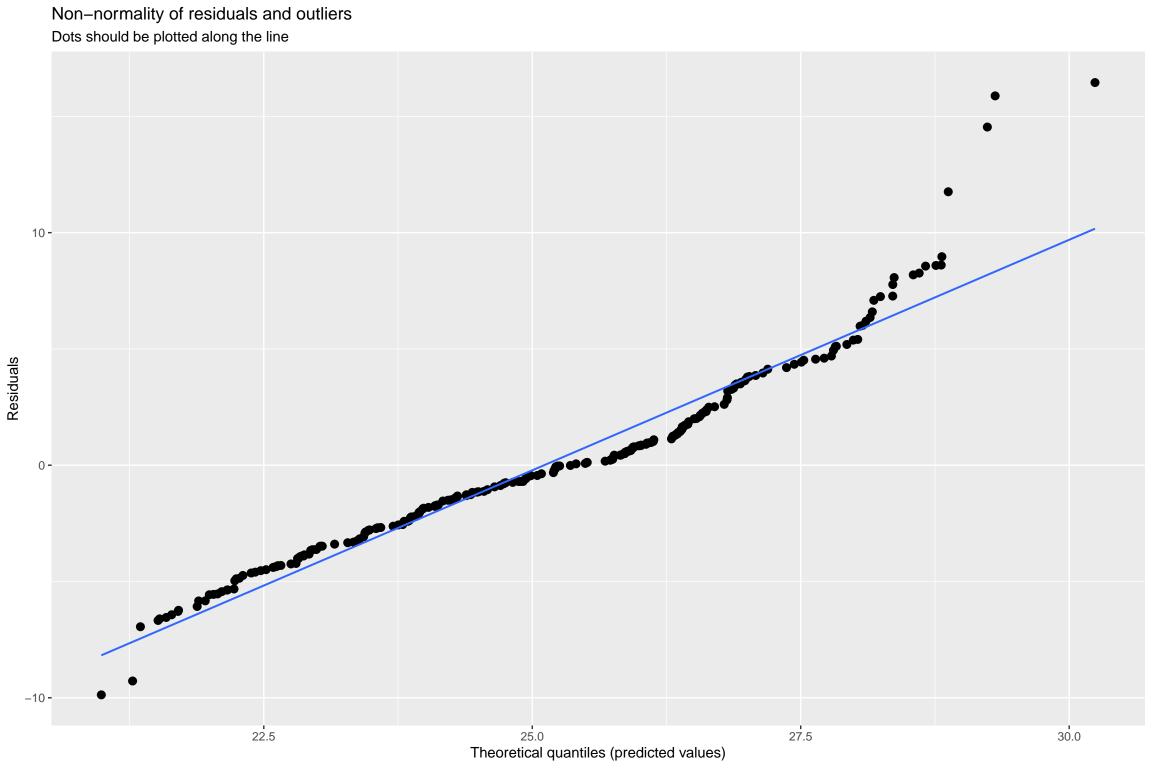
```
9 -738.40 1494.8
<none>
(1 | TrapID)
                       0
                           8 -739.54 1495.1 2.2774 1
                                                          0.1313
                           8 -738.97 1493.9 1.1239 1
                                                          0.2891
(1 | Date YMD)
Backward reduced fixed-effect table:
Degrees of freedom method: Satterthwaite
                        Eliminated Sum Sq Mean Sq NumDF DenDF F value
Exp_or_Cont
                                    1.76
                                            1.76
                                                    1 16.928 0.1072
depth_m
                                    5.52
                                            5.52 1 16.709 0.3356
design
                                 3 27.68
                                           27.68 1 92.809 1.6869
location exposure
                                4 11.17
                                          11.17 1 95.400 0.6748
log_days_since_last_haul
                                0 575.89 575.89
                                                    1 20.994 34.7593
                           Pr(>F)
                           0.7473
Exp_or_Cont
depth_m
                           0.5701
                           0.1972
design
location exposure
                           0.4134
log_days_since_last_haul 7.498e-06 ***
Signif. codes: 0 '***' 0.001 '**' 0.01 '*' 0.05 '.' 0.1 ' ' 1
Model found:
mean_length_cm ~ log_days_since_last_haul + (1 | TrapID) + (1 |
   Date_YMD)
```

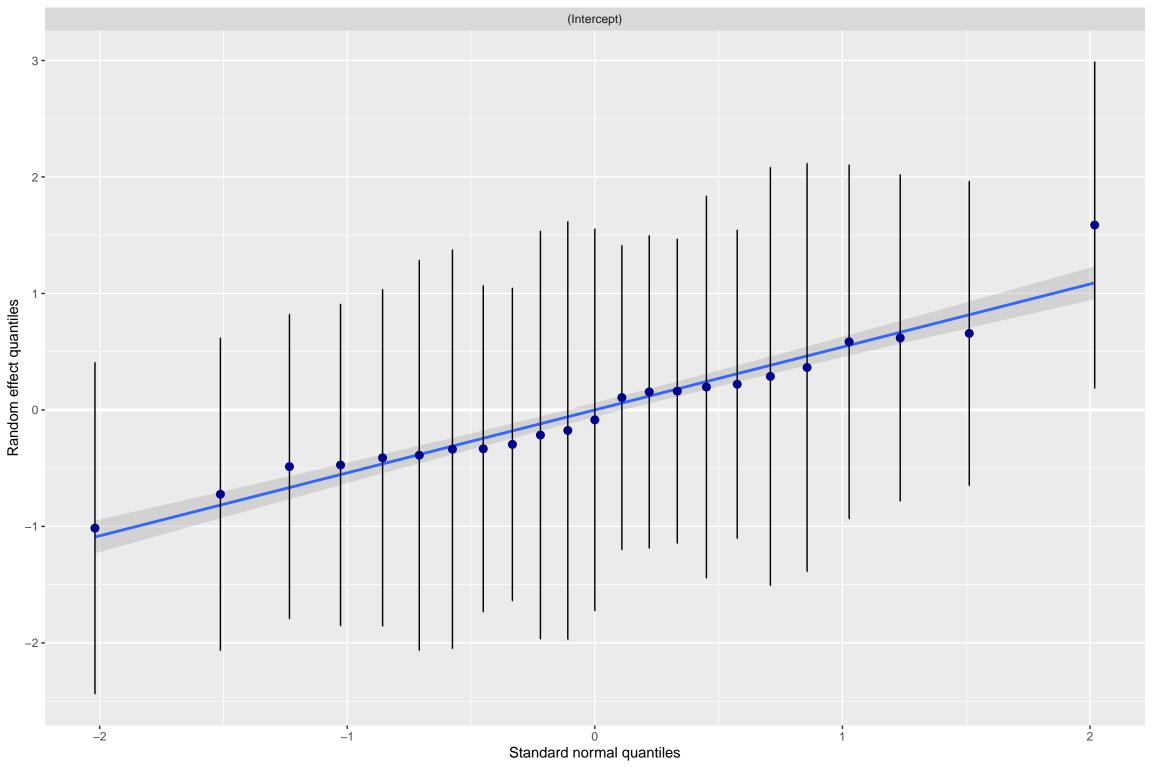
LRT Df Pr(>Chisq)

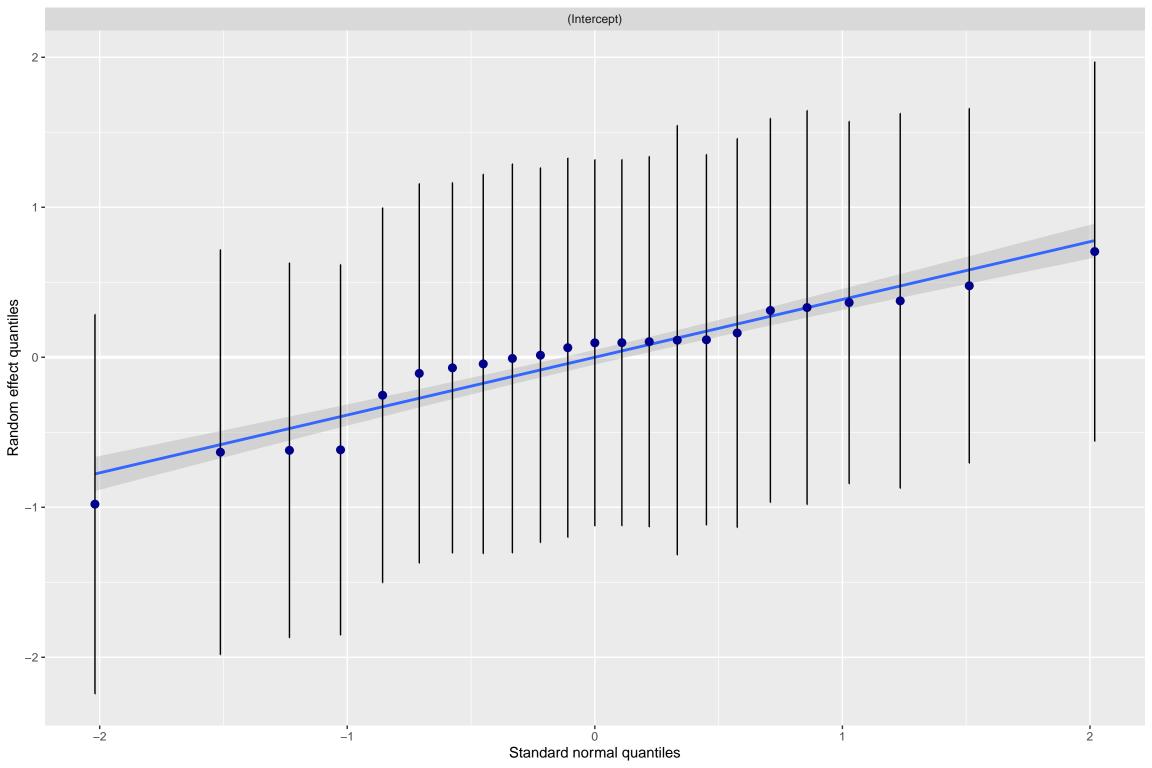
AIC

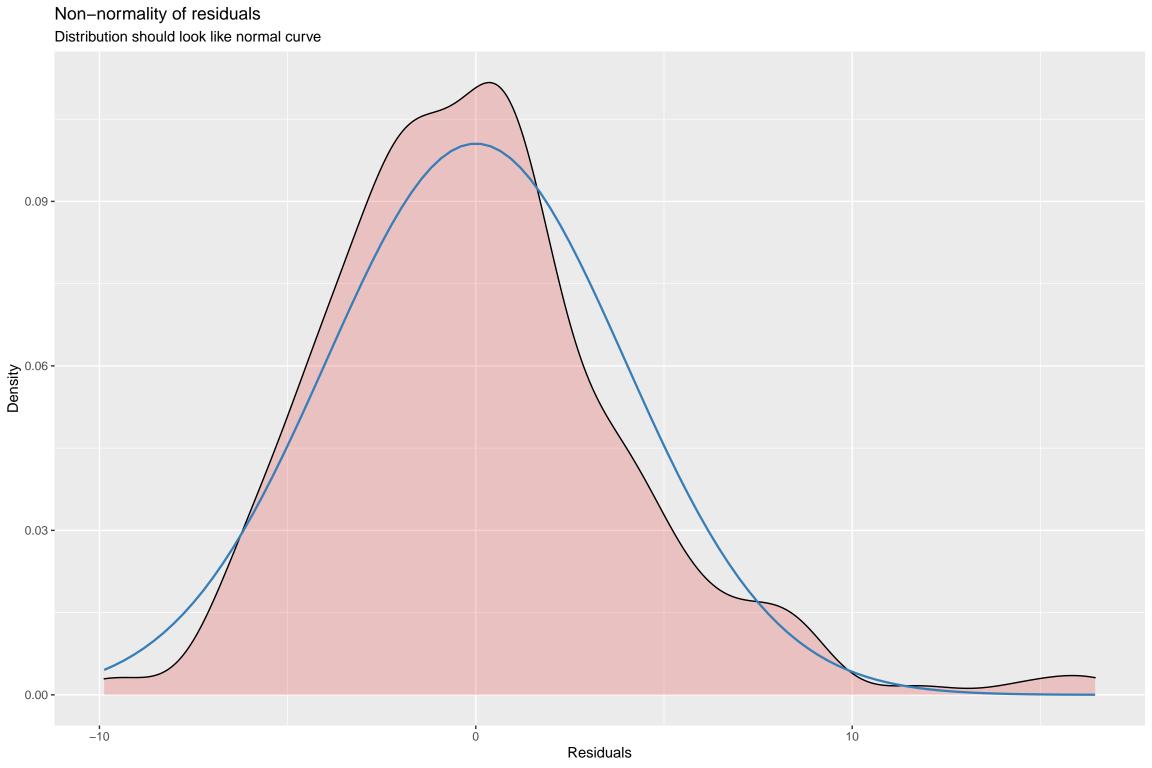
### Optimal model found using 'step' function which performs backward elimination of fixed-effect terms

```
Linear mixed model fit by maximum likelihood . t-tests use
 Satterthwaite's method [lmerModLmerTest]
Formula: mean_length_cm ~ log_days_since_last_haul + (1 | TrapID) + (1 |
   Date_YMD)
  Data: trap_haul_no_zero_depth
    AIC
            BIC logLik deviance df.resid
 1489.6 1507.4 -739.8 1479.6
                                     254
Scaled residuals:
   Min
           1Q Median
                          30
-2.4258 - 0.6376 - 0.0397 0.4514 4.0427
Random effects:
Groups Name
                   Variance Std.Dev.
TrapID (Intercept) 0.8818 0.939
Date_YMD (Intercept) 0.5685 0.754
Residual
                 16.5680 4.070
Number of obs: 259, groups: TrapID, 23; Date_YMD, 23
Fixed effects:
                      Estimate Std. Error
                                            df t value Pr(>|t|)
                      (Intercept)
log_days_since_last_haul 2.9433 0.4992 20.9939 5.896 7.5e-06 ***
Signif. codes: 0 '***' 0.001 '**' 0.01 '*' 0.05 '.' 0.1 ' ' 1
Correlation of Fixed Effects:
          (Intr)
lg_dys_sn__ -0.948
```









Homoscedasticity (constant variance of residuals) Amount and distance of points scattered above/below line is equal or randomly spread 10 -0 --10 **-**

25.0

Fitted values

27.5

30.0

Residuals

22.5

#### Model summaries for all models with delta AIC < 2

```
Linear mixed model fit by maximum likelihood . t-tests use
Satterthwaite's method [lmerModLmerTest]
Formula: mean_length_cm ~ log_days_since_last_haul + (1 | TrapID) + (1 | Date_YMD)
   Data: trap_haul_no_zero_depth
 AIC BIC logLik deviance df.resid
1489.6 1507.4 -739.8 1479.6 254
Scaled residuals:
Min 1Q Median 3Q Max
-2.4258 -0.6376 -0.0397 0.4514 4.0427
Random effects:
 Groups Name Variance Std.Det
TrapID (Intercept) 0.8818 0.939
Date_XMD (Intercept) 0.5685 0.754
Residual 16.5680 4.070
Number of obs: 259, groups: TrapID, 23; Date_YMD, 23
| Estimate Std. Error | df t value Pr(>|t|) | (Intercept) | 16.5387 | 1.1780 | 22.3521 | 15.738 | 1.4e-13 *** | log_days_since_last_haul | 2.9433 | 0.4992 | 20.9939 | 5.896 | 7.5e-06 ***
Signif. codes: 0 '***' 0.001 '**' 0.01 '*' 0.05 '.' 0.1 ' ' 1
Correlation of Fixed Effects:
lg_dys_sn__ -0.948
$'location_exposure + log_days_since_last_haul'
Linear mixed model fit by maximum likelihood . t-tests use
Satterthwaite's method [lmerModImerTest]
AIC BIC logLik deviance df.resid
1490.9 1512.2 -739.5 1478.9 253
Scaled residuals:
Min 1Q Median 3Q Max
-2.4168 -0.6453 -0.0646 0.4685 4.0576
Random effects:
 Groups Name Variance Std.Dev.
TrapID (Intercept) 0.8808 0.9385
Date_YMD (Intercept) 0.5264 0.7255
Residual 16.5545 4.0687
 Residual
Number of obs: 259, groups: TrapID, 23; Date_YMD, 23
                                 Estimate Std. Error
(Intercept) 18.4998 1.1667 22.0827 15.857 1.49e-13 *** location_exposureWindward 1.1517 1.4019 95.3999 0.821 0.413 0.413 0g_days_since_last_haul 2.9286 0.4945 21.0804 5.922 6.95e-06 ***
 Signif. codes: 0 '***' 0.001 '**' 0.01 '*' 0.05 '.' 0.1 ' ' 1
(Intr) lctn_W
lctn_xpsrWn -0.031
lg_dys_sn__ -0.945 -0.048
 S'Exp or Cont + log days since last haul'
Linear mixed model fit by maximum likelihood . t-tests use
Satterthwaite's method [lmerModLmerTest]
Formula: mean_length_cm ~ Exp_or_Cont + log_days_since_last_haul + (1 |
   TrapID) + (1 | Date_YMD)
Data: trap_haul_no_zero_depth
 AIC BIC logLik deviance df.resid
Scaled residuals:

Min 1Q Median 3Q Max

-2.4073 -0.6251 -0.0089 0.4677 4.0665
Random effects:
 Random effects:

Groups Name Variance Std.Dev.

TrapID (Intercept) 0.8824 0.9393

Date_YMD (Intercept) 0.5617 0.7495

Residual 16.5566 4.0690
Number of obs: 259, groups: TrapID, 23; Date_YMD, 23
Fixed effects: Estimate Std. Error df t value Pr(>|t| )

(Intercept) 18.7024 1.2238 25.3512 15.282 2.66e-14 ***

Exp_or_ContExperimental -0.3294 0.6760 17.1130 -0.487 0.632
1.0g_days_since_last_haul 2.9485 0.4984 20.9834 5.9167 -7.76e-06 ***
 Signif. codes: 0 '***' 0.001 '**' 0.01 '*' 0.05 '.' 0.1 ' ' 1
Correlation of Fixed Effects:

(Intr) Ex_CE

Exp_r_CntEx -0.277

lg_dys_sn__ -0.906 -0.018
```

```
$'design + location_exposure + log_days_since_last_haul'
    Linear mixed model fit by maximum likelihood . t-tests use 
Satterthwaite's method [lmerModLmerTest]
             (1 | TrapID) + (1 | Date_YMD)
Data: trap_haul_no_zero_depth
       AIC BIC logLik deviance df.resid
1491.2 1516.1 -738.6 1477.2 252
    Scaled reciduals:
  Min 1Q Median 3Q Max
-2.4621 -0.6307 -0.0547 0.4853 4.0670
    Pandom affacto:
    Groups Name Variance Std.Dev.
TrapID (Intercept) 0.8546 0.9245
Date_YMD (Intercept) 0.5945 0.7710
Residual 16.4079 4.0507
  Residual 10.40/9 4.000,
Number of obs: 259, groups: TrapID, 23; Date_YMD, 23
  Fixed effects:
| Estimate Std. Error | df t value Pr(>|t|) | (Intercept) | 16.5661 | 1.9115 | 83.4618 | 8.667 2.91e-13 | 4.6819m. | 1.8011 | 1.3867 | 92.087 | 1.299 | 0.197 | 10cation_exposureWindward | 2.790 | 1.8722 | 109.8954 | 1.474 | 0.1481 | 10g_days_since_last_hau| 3.0456 | 0.5103 | 22.9127 | 5.968 4.44e-06 | 1.8881 | 1.8881 | 1.8881 | 1.8881 | 1.8881 | 1.8881 | 1.8881 | 1.8881 | 1.8881 | 1.8881 | 1.8881 | 1.8881 | 1.8881 | 1.8881 | 1.8881 | 1.8881 | 1.8881 | 1.8881 | 1.8881 | 1.8881 | 1.8881 | 1.8881 | 1.8881 | 1.8881 | 1.8881 | 1.8881 | 1.8881 | 1.8881 | 1.8881 | 1.8881 | 1.8881 | 1.8881 | 1.8881 | 1.8881 | 1.8881 | 1.8881 | 1.8881 | 1.8881 | 1.8881 | 1.8881 | 1.8881 | 1.8881 | 1.8881 | 1.8881 | 1.8881 | 1.8881 | 1.8881 | 1.8881 | 1.8881 | 1.8881 | 1.8881 | 1.8881 | 1.8881 | 1.8881 | 1.8881 | 1.8881 | 1.8881 | 1.8881 | 1.8881 | 1.8881 | 1.8881 | 1.8881 | 1.8881 | 1.8881 | 1.8881 | 1.8881 | 1.8881 | 1.8881 | 1.8881 | 1.8881 | 1.8881 | 1.8881 | 1.8881 | 1.8881 | 1.8881 | 1.8881 | 1.8881 | 1.8881 | 1.8881 | 1.8881 | 1.8881 | 1.8881 | 1.8881 | 1.8881 | 1.8881 | 1.8881 | 1.8881 | 1.8881 | 1.8881 | 1.8881 | 1.8881 | 1.8881 | 1.8881 | 1.8881 | 1.8881 | 1.8881 | 1.8881 | 1.8881 | 1.8881 | 1.8881 | 1.8881 | 1.8881 | 1.8881 | 1.8881 | 1.8881 | 1.8881 | 1.8881 | 1.8881 | 1.8881 | 1.8881 | 1.8881 | 1.8881 | 1.8881 | 1.8881 | 1.8881 | 1.8881 | 1.8881 | 1.8881 | 1.8881 | 1.8881 | 1.8881 | 1.8881 | 1.8881 | 1.8881 | 1.8881 | 1.8881 | 1.8881 | 1.8881 | 1.8881 | 1.8881 | 1.8881 | 1.8881 | 1.8881 | 1.8881 | 1.8881 | 1.8881 | 1.8881 | 1.8881 | 1.8881 | 1.8881 | 1.8881 | 1.8881 | 1.8881 | 1.8881 | 1.8881 | 1.8881 | 1.8881 | 1.8881 | 1.8881 | 1.8881 | 1.8881 | 1.8881 | 1.8881 | 1.8881 | 1.8881 | 1.8881 | 1.8881 | 1.8881 | 1.8881 | 1.8881 | 1.8881 | 1.8881 | 1.8881 | 1.8881 | 1.8881 | 1.8881 | 1.8881 | 1.8881 | 1.8881 | 1.8881 | 1.8881 | 1.8881 | 1.8881 | 1.8881 | 1.8881 | 1.8881 | 1.8881 | 1.8881 | 1.8881 | 1.8881 | 1.8881 | 1.8881 | 1.8881 | 1.8881 | 1.8881 | 1.8881 | 1.8881 | 1.8881 | 1.8881 | 1.8881 | 1.8881 | 1.8881 | 1.8881 | 1.8881
    designZ
location exposureWindward
    log_days_since_last_haul ***
  Signif. codes: 0 '***' 0.001 '**' 0.01 '*' 0.05 '.' 0.1 ' ' 1
    Correlation of Fixed Effects:
    (Intr) desgnZ lctn_W designZ -0.786
  lctn_xpsrWn -0.538 0.667
lg_dys_sn__ -0.723 0.190 0.093
  $'design + log_days_since_last_haul'
  Linear mixed model fit by maximum likelihood . t-tests use
Satterthwaite's method [lmerModLmerTest]
 Formula: mean_length_cm ~ design + log_days_since_last_haul + (1 \mid TrapID) +
             (1 | Date_YMD)
Data: trap_haul_no_zero_depth
     AIC BIC logLik deviance df.resid
1491.4 1512.7 -739.7 1479.4 253
    Scaled residuals:
  Min 1Q Median 3Q Max
-2.4398 -0.6377 -0.0395 0.4813 4.0400
    Random effects:
 | Random effects | Groups | Name | Variance Std.bev | TrapID | (Intercept) | 0.8778 | 0.9369 | Date_YMD (Intercept) | 0.6017 | 0.7757 | Posidual | 16.3434 | 4.0662 | --- TrapID | 7.000 | 7.000 | TrapID | 7.000 | 7.000 | 7.000 | 7.000 | 7.000 | 7.000 | 7.000 | 7.000 | 7.000 | 7.000 | 7.000 | 7.000 | 7.000 | 7.000 | 7.000 | 7.000 | 7.000 | 7.000 | 7.000 | 7.000 | 7.000 | 7.000 | 7.000 | 7.000 | 7.000 | 7.000 | 7.000 | 7.000 | 7.000 | 7.000 | 7.000 | 7.000 | 7.000 | 7.000 | 7.000 | 7.000 | 7.000 | 7.000 | 7.000 | 7.000 | 7.000 | 7.000 | 7.000 | 7.000 | 7.000 | 7.000 | 7.000 | 7.000 | 7.000 | 7.000 | 7.000 | 7.000 | 7.000 | 7.000 | 7.000 | 7.000 | 7.000 | 7.000 | 7.000 | 7.000 | 7.000 | 7.000 | 7.000 | 7.000 | 7.000 | 7.000 | 7.000 | 7.000 | 7.000 | 7.000 | 7.000 | 7.000 | 7.000 | 7.000 | 7.000 | 7.000 | 7.000 | 7.000 | 7.000 | 7.000 | 7.000 | 7.000 | 7.000 | 7.000 | 7.000 | 7.000 | 7.000 | 7.000 | 7.000 | 7.000 | 7.000 | 7.000 | 7.000 | 7.000 | 7.000 | 7.000 | 7.000 | 7.000 | 7.000 | 7.000 | 7.000 | 7.000 | 7.000 | 7.000 | 7.000 | 7.000 | 7.000 | 7.000 | 7.000 | 7.000 | 7.000 | 7.000 | 7.000 | 7.000 | 7.000 | 7.000 | 7.000 | 7.000 | 7.000 | 7.000 | 7.000 | 7.000 | 7.000 | 7.000 | 7.000 | 7.000 | 7.000 | 7.000 | 7.000 | 7.000 | 7.000 | 7.000 | 7.000 | 7.000 | 7.000 | 7.000 | 7.000 | 7.000 | 7.000 | 7.000 | 7.000 | 7.000 | 7.000 | 7.000 | 7.000 | 7.000 | 7.000 | 7.000 | 7.000 | 7.000 | 7.000 | 7.000 | 7.000 | 7.000 | 7.000 | 7.000 | 7.000 | 7.000 | 7.000 | 7.000 | 7.000 | 7.000 | 7.000 | 7.000 | 7.000 | 7.000 | 7.000 | 7.000 | 7.000 | 7.000 | 7.000 | 7.000 | 7.000 | 7.000 | 7.000 | 7.000 | 7.000 | 7.000 | 7.000 | 7.000 | 7.000 | 7.000 | 7.000 | 7.000 | 7.000 | 7.000 | 7.000 | 7.000 | 7.000 | 7.000 | 7.000 | 7.000 | 7.000 | 7.000 | 7.000 | 7.000 | 7.000 | 7.000 | 7.000 | 7.000 | 7.000 | 7.000 | 7.000 | 7.000 | 7.000 | 7.000 | 7.000 | 7.000 | 7.000 | 7.000 | 7.000 | 7.000 | 7.000 | 7.000 | 7.000 | 7.000 | 7.000 | 7.000 | 7.000 | 7.000 | 7.000 | 7.000 
 Number of obs: 259, groups: TrapID, 23; Date_YMD, 23
 Fixed effects: Estimate Std. Error df t value Pr(>|t|) (Intercept) 18.0811 1.6185 59.803 11.172 2.86e-16 ***desigmZ 0.4395 0.4395 10.23 0.674 10g_days_since_last_haul 2.9764 0.5104 22.1828 5.831 7.00e-06 ***
  Signif. codes: 0 '***' 0.001 '**' 0.01 '*' 0.05 '.' 0.1 ' ' 1
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## **Full model summary**