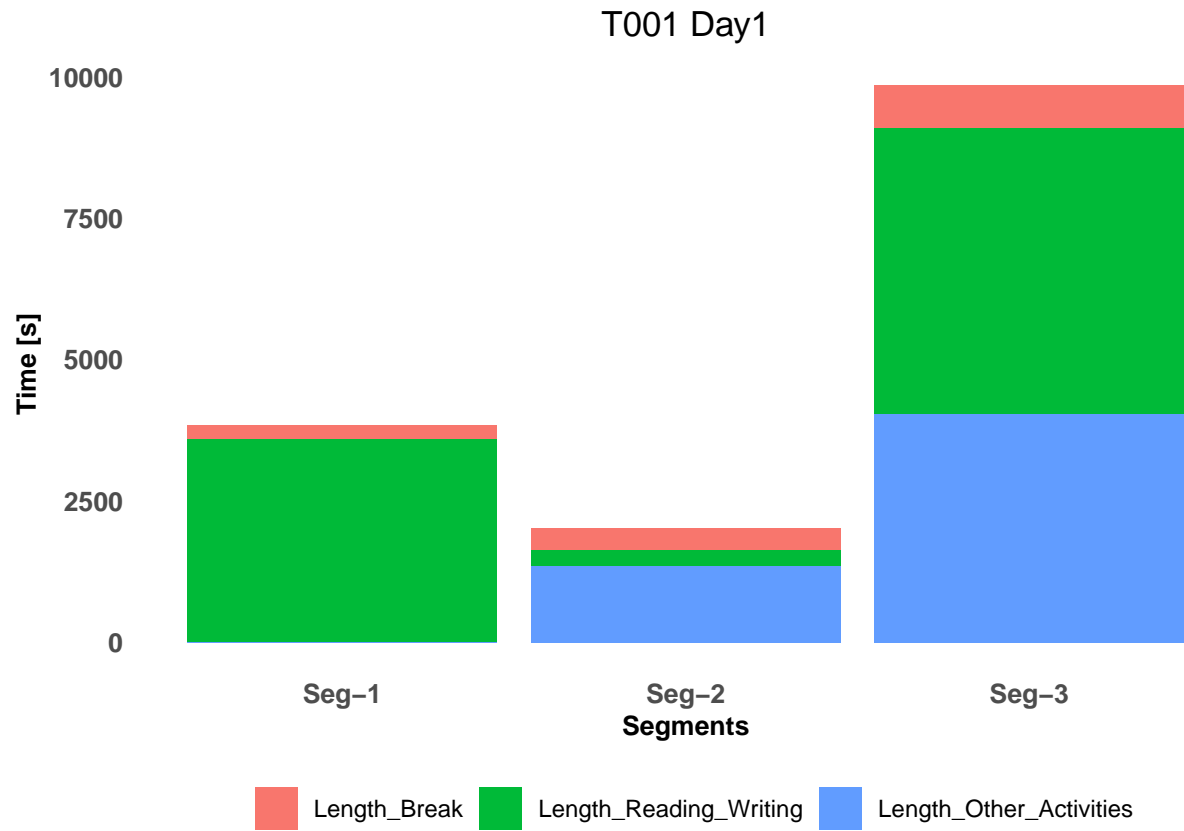
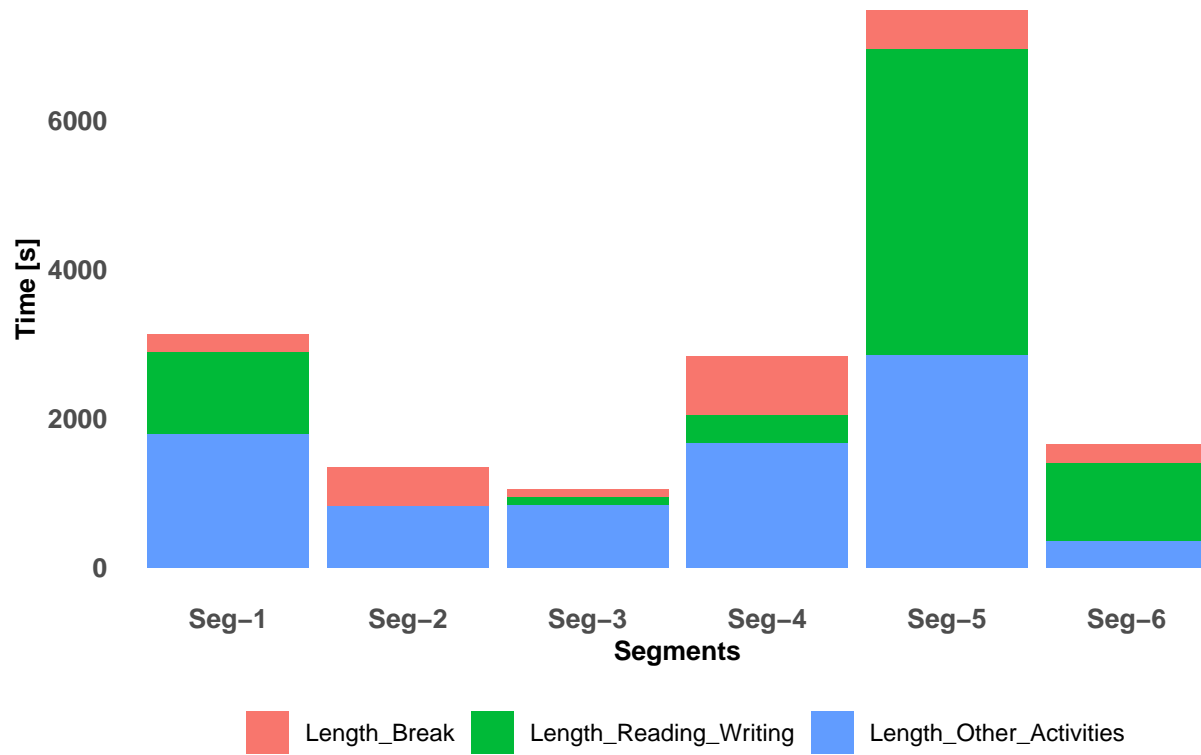


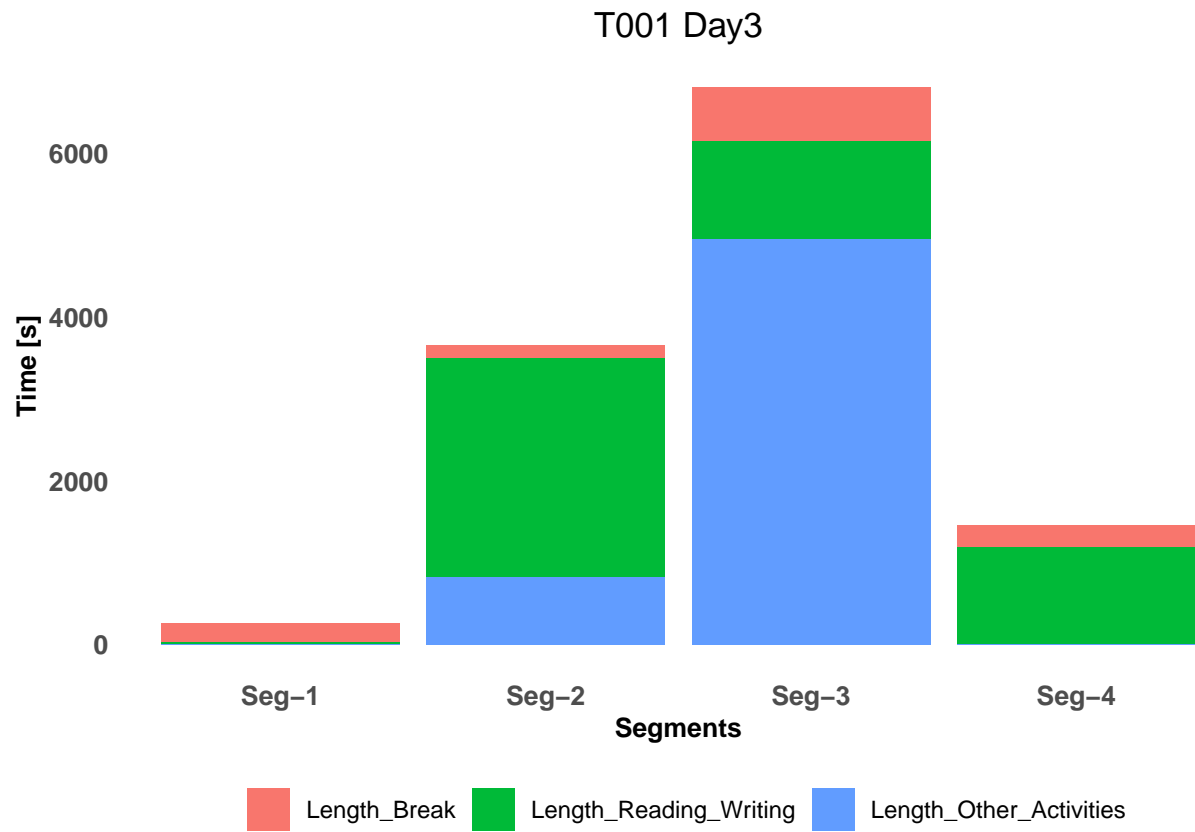
Segmented_data

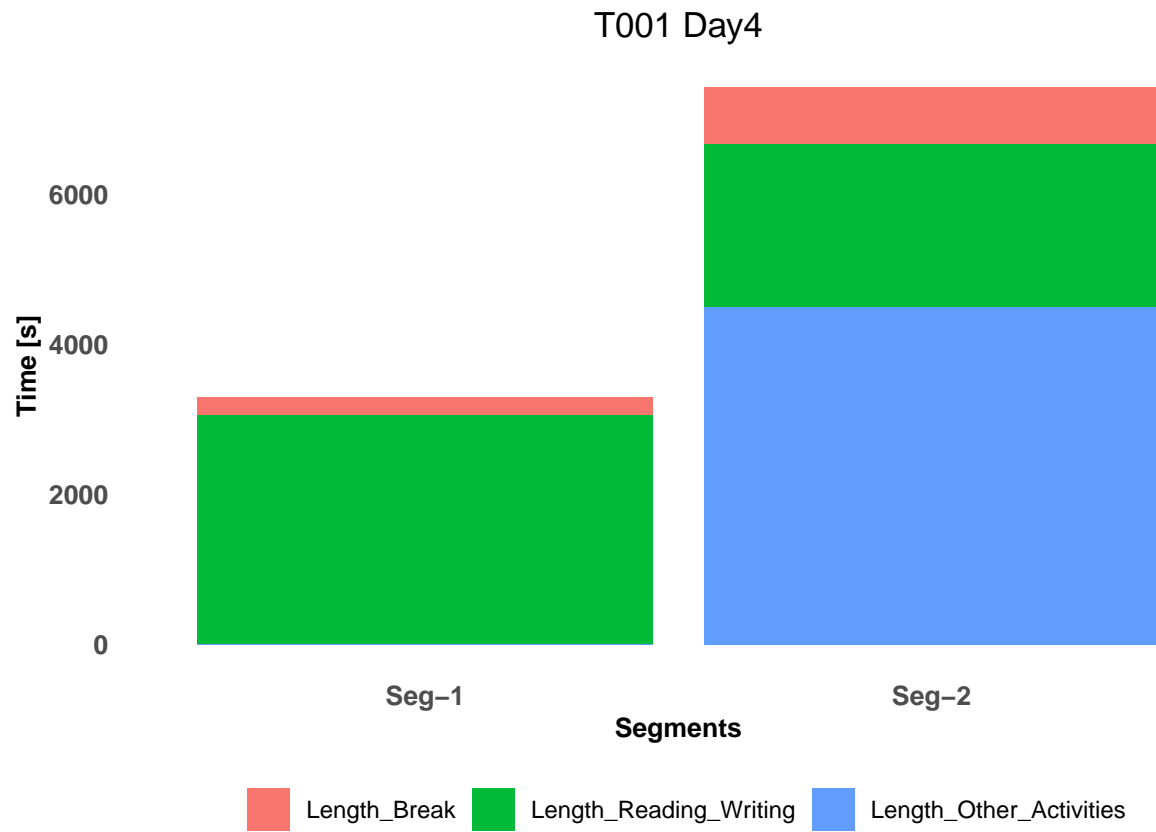
Using Participant_ID, Day, Segment as id variables

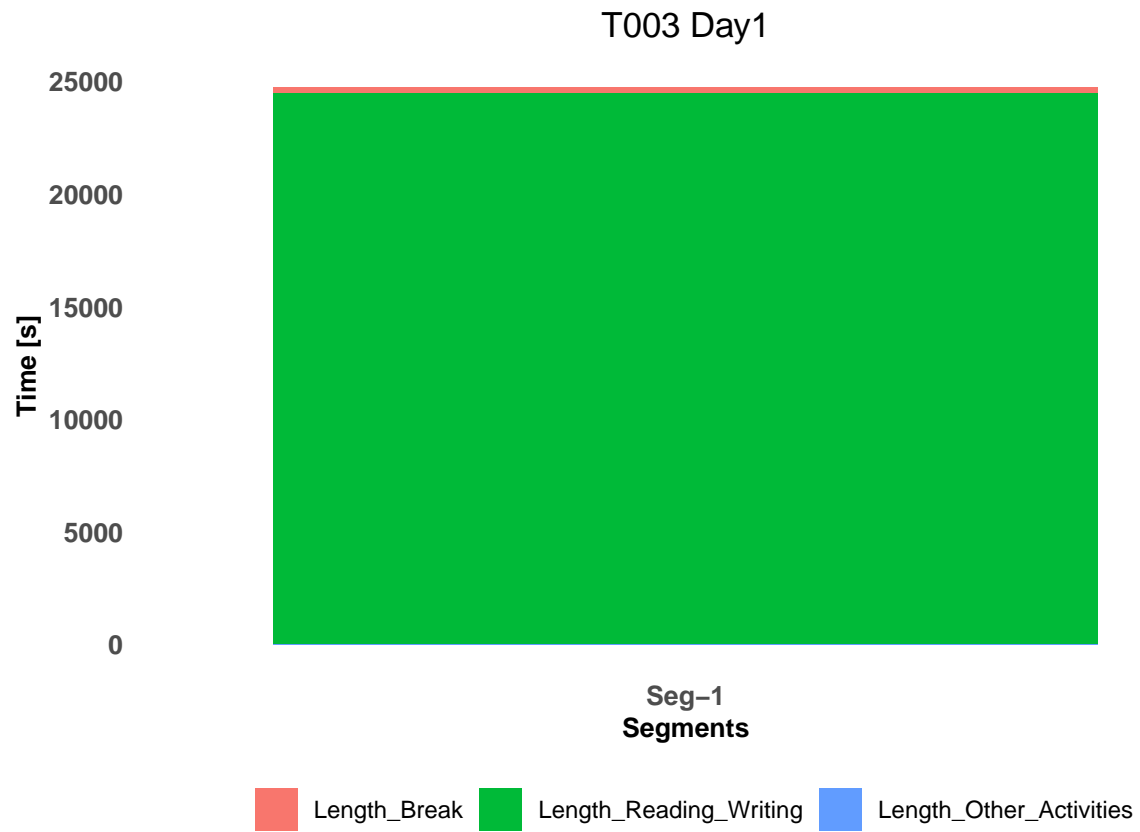


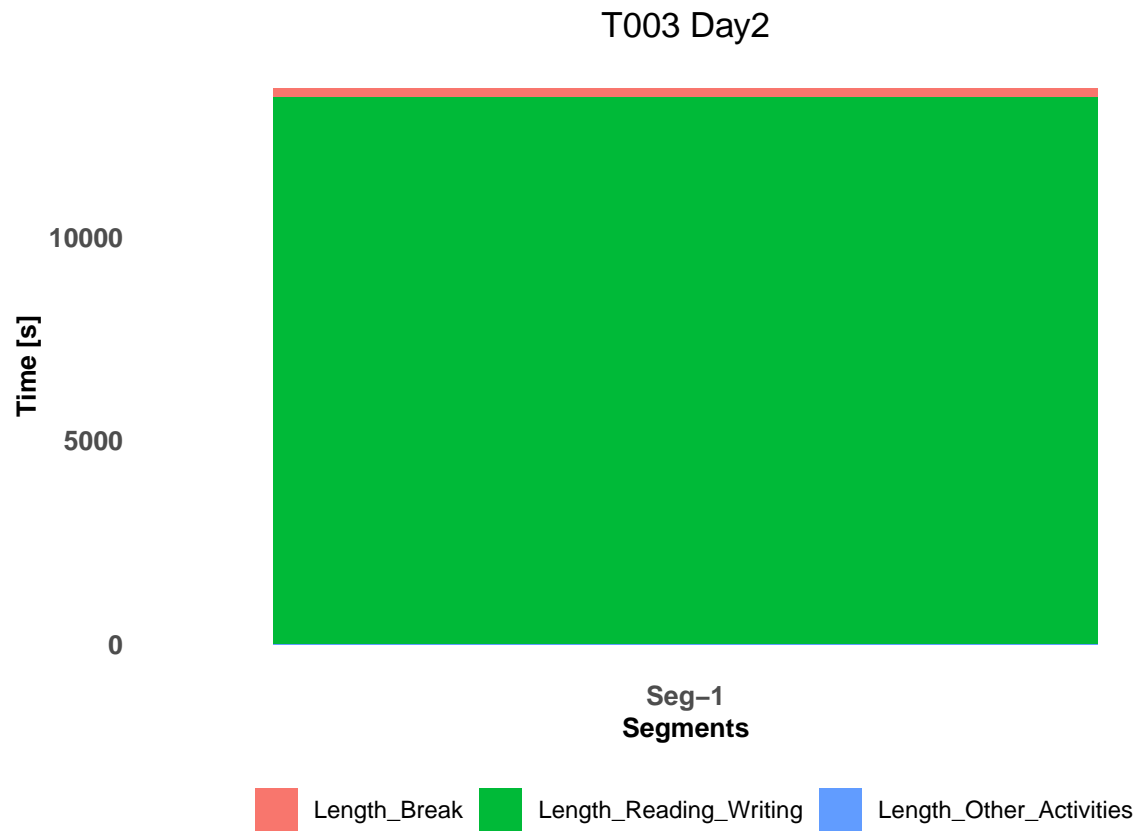
T001 Day2

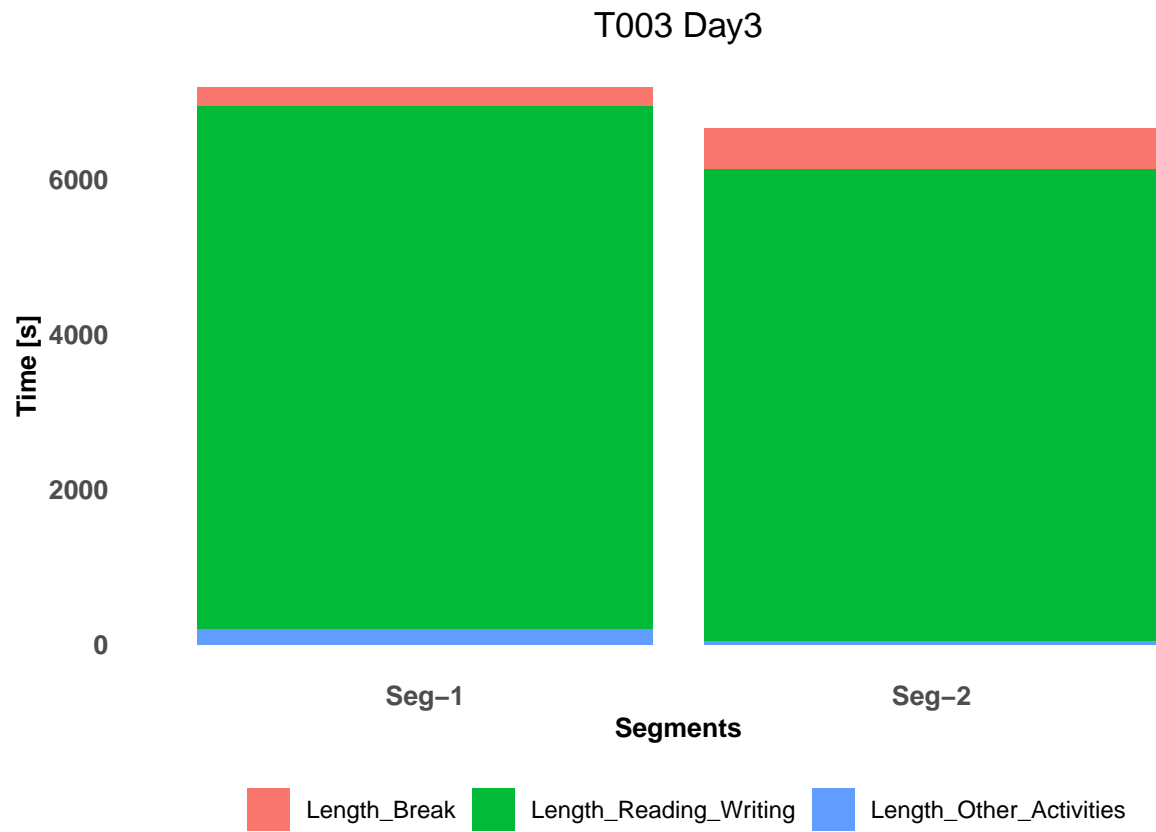


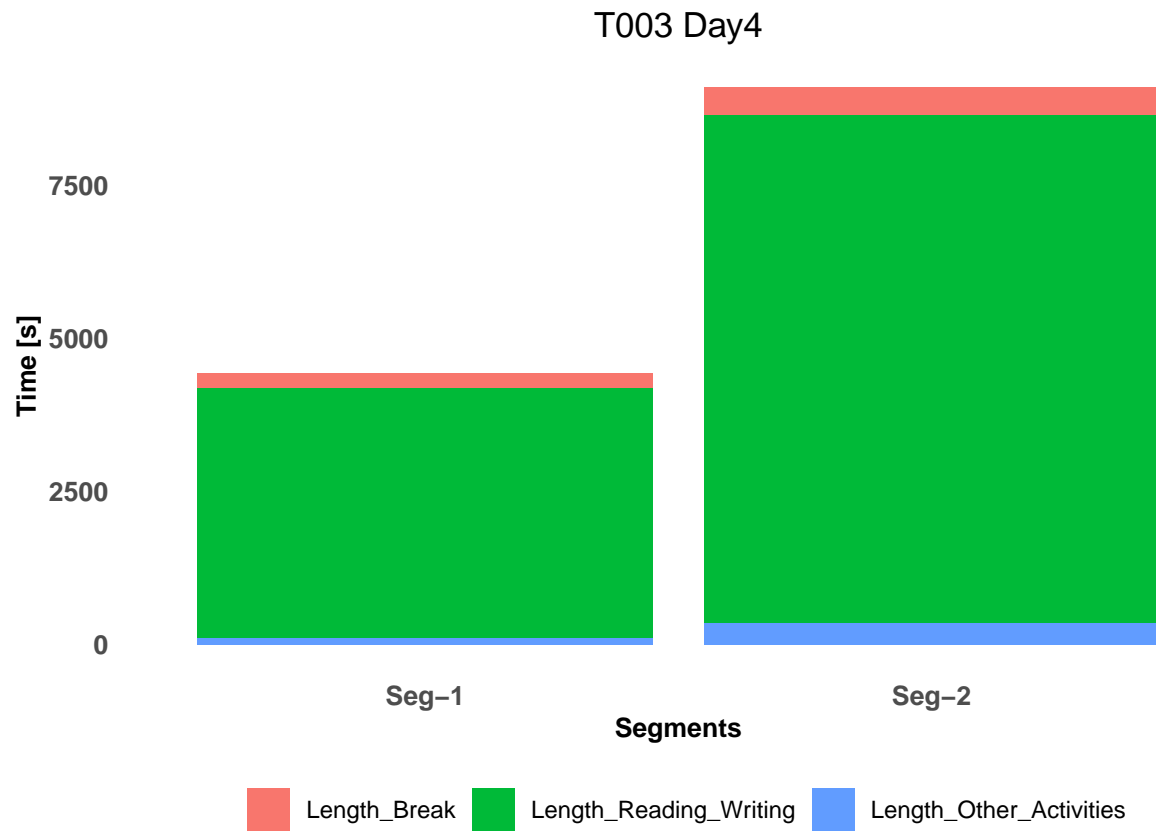


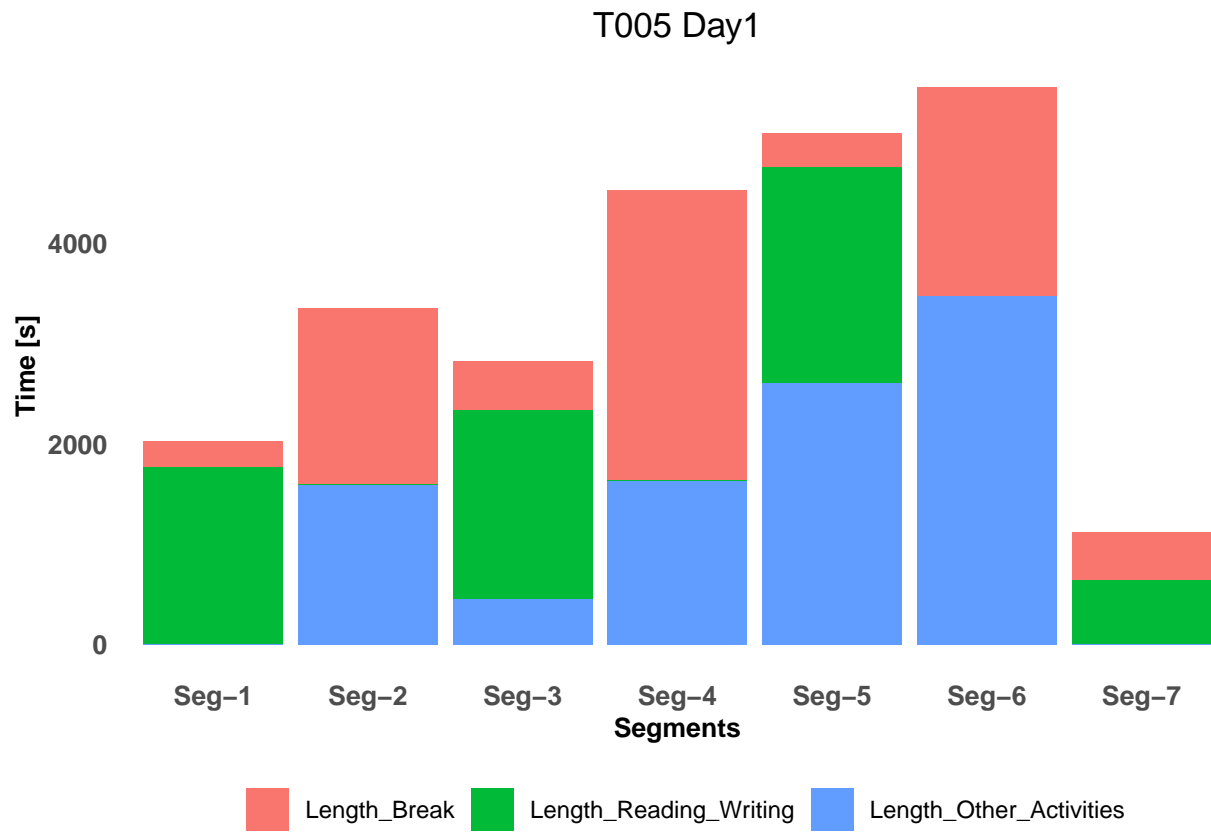


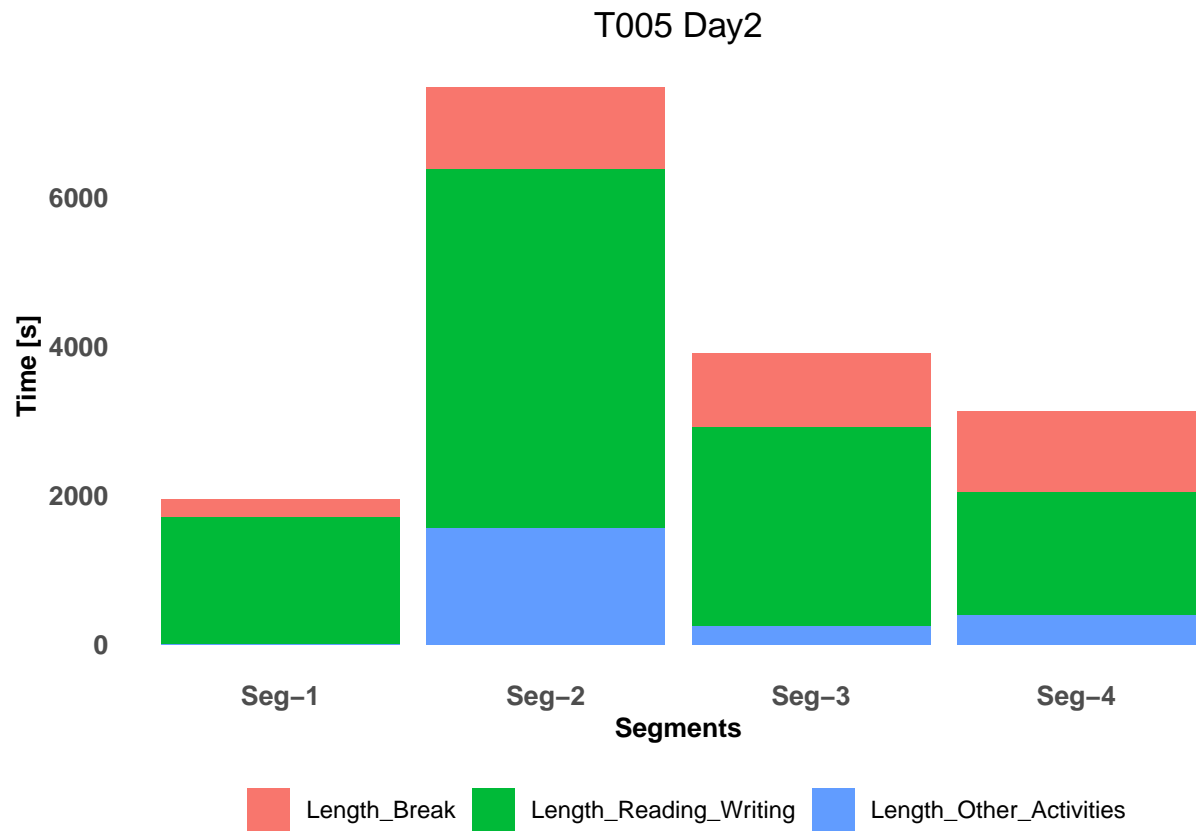


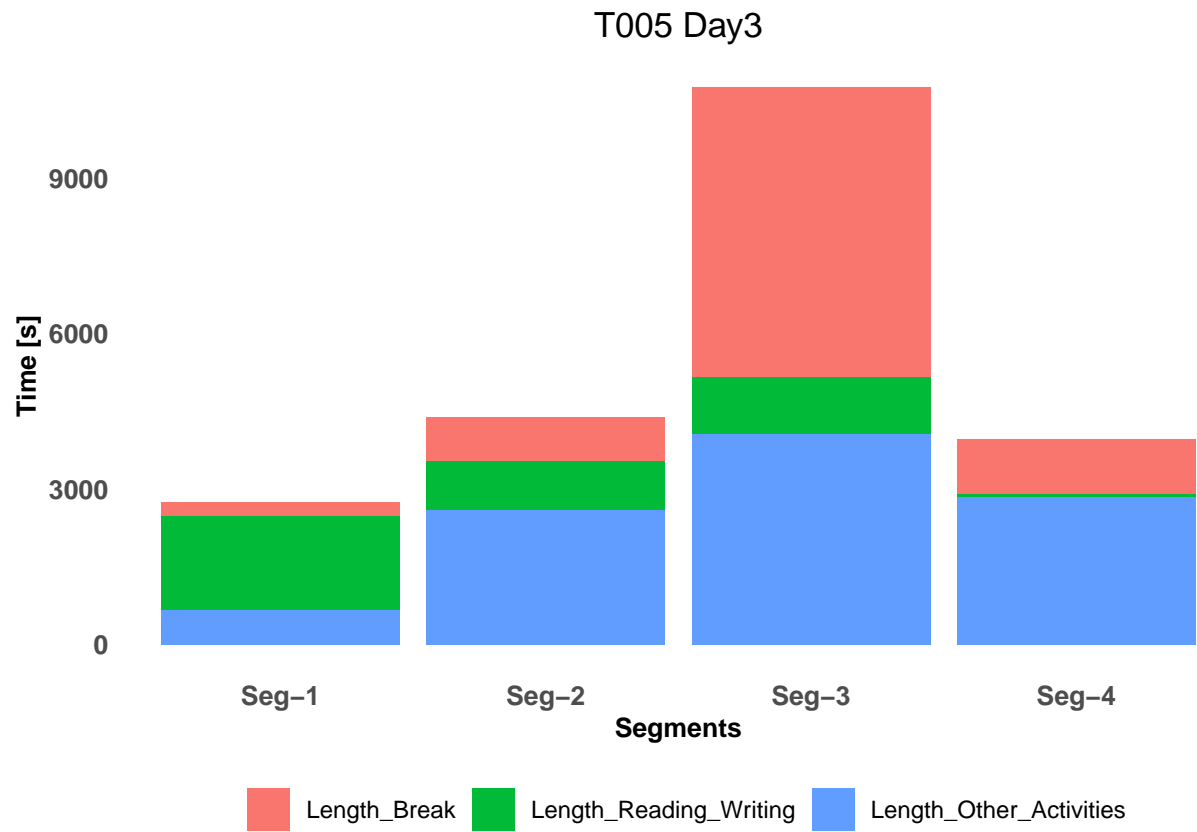


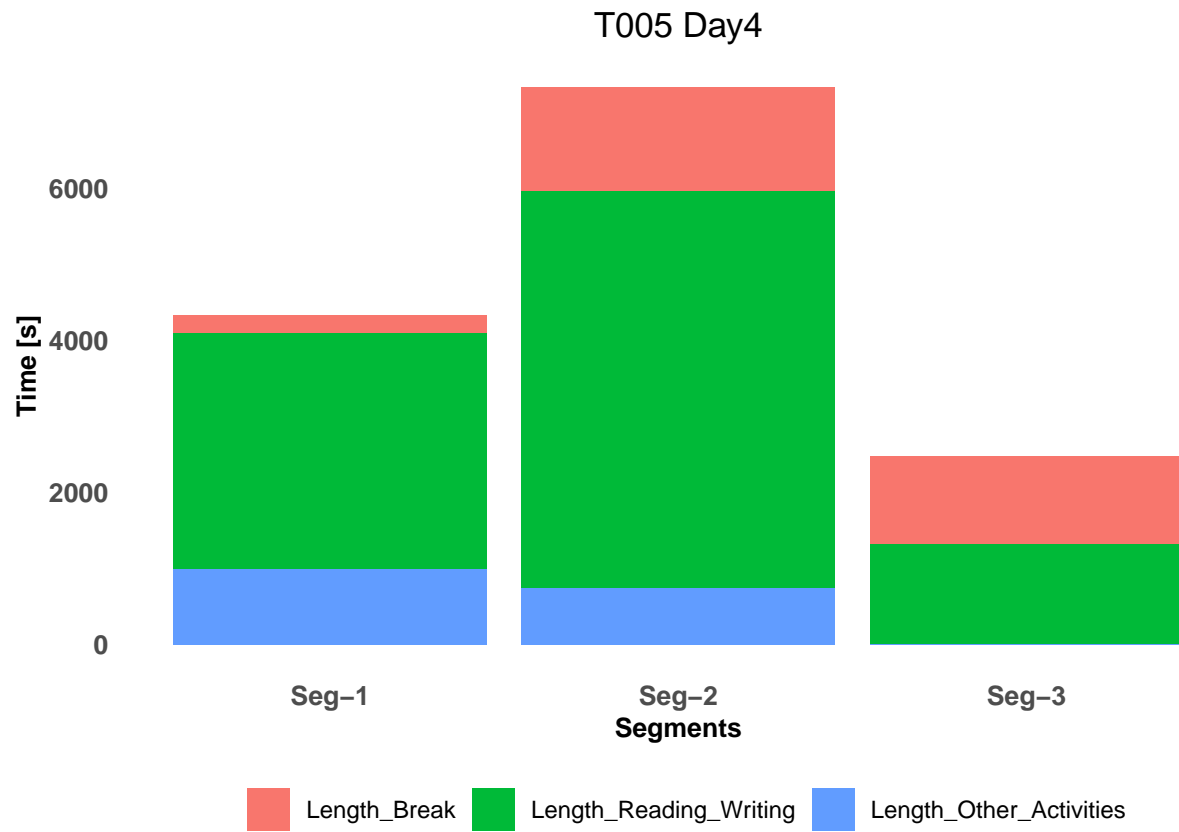


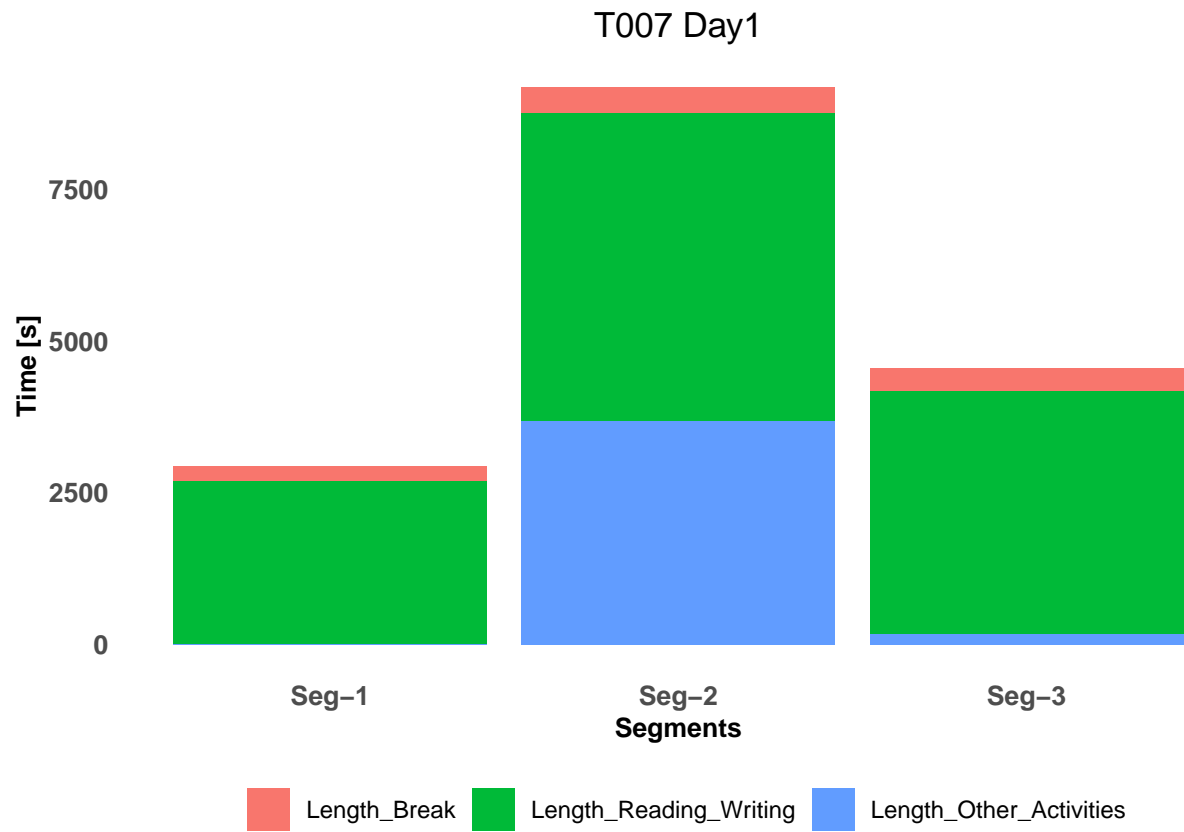


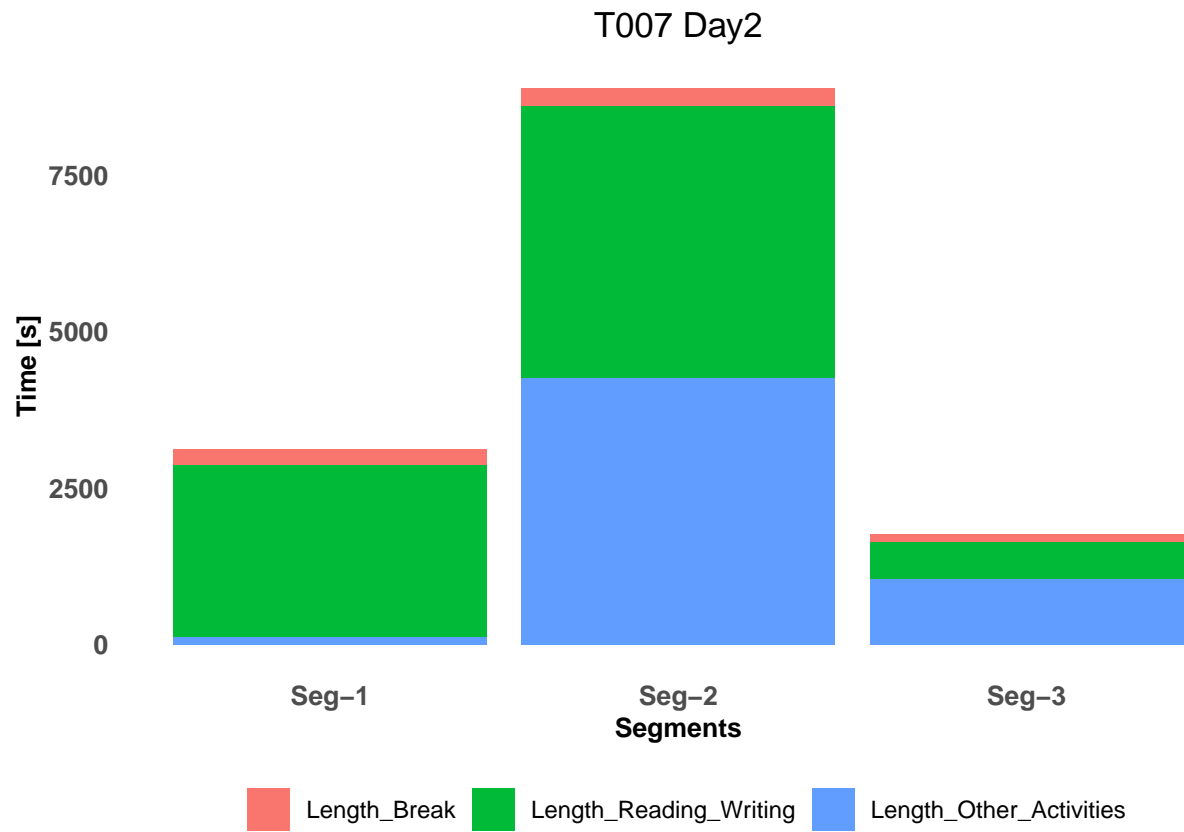


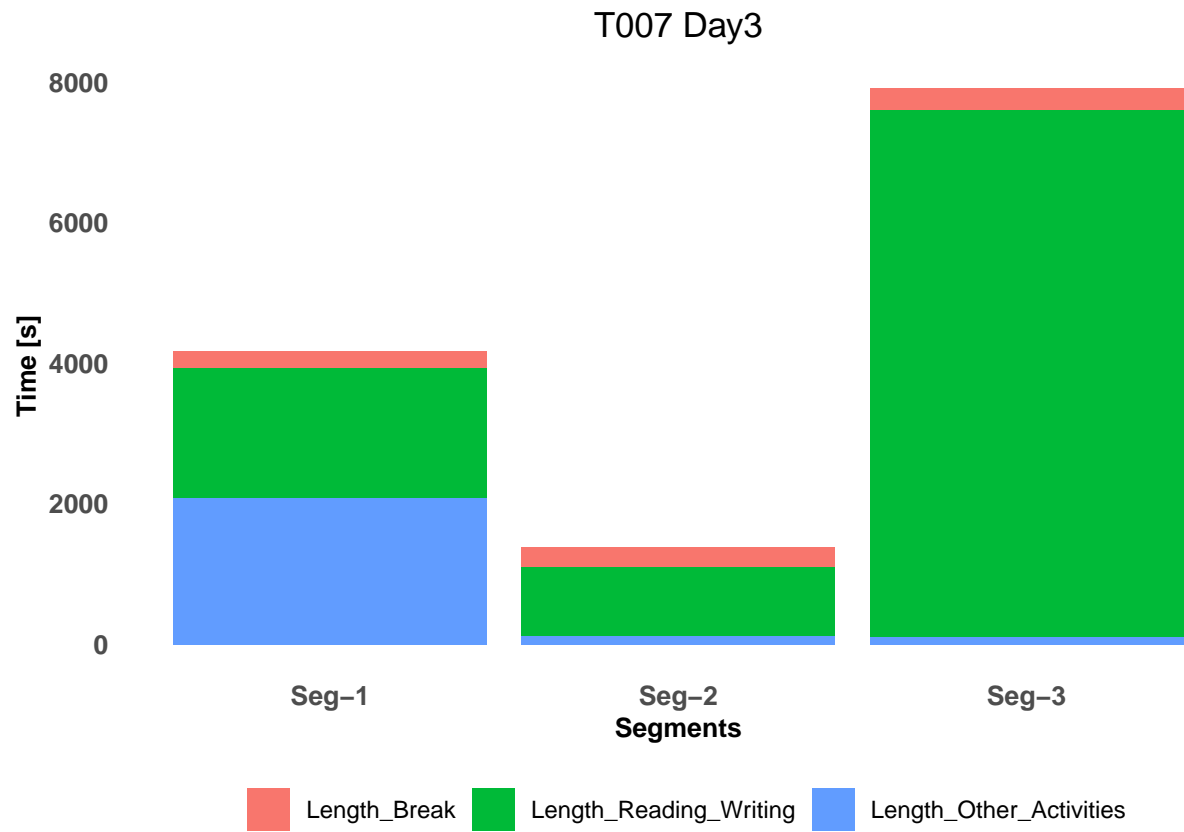


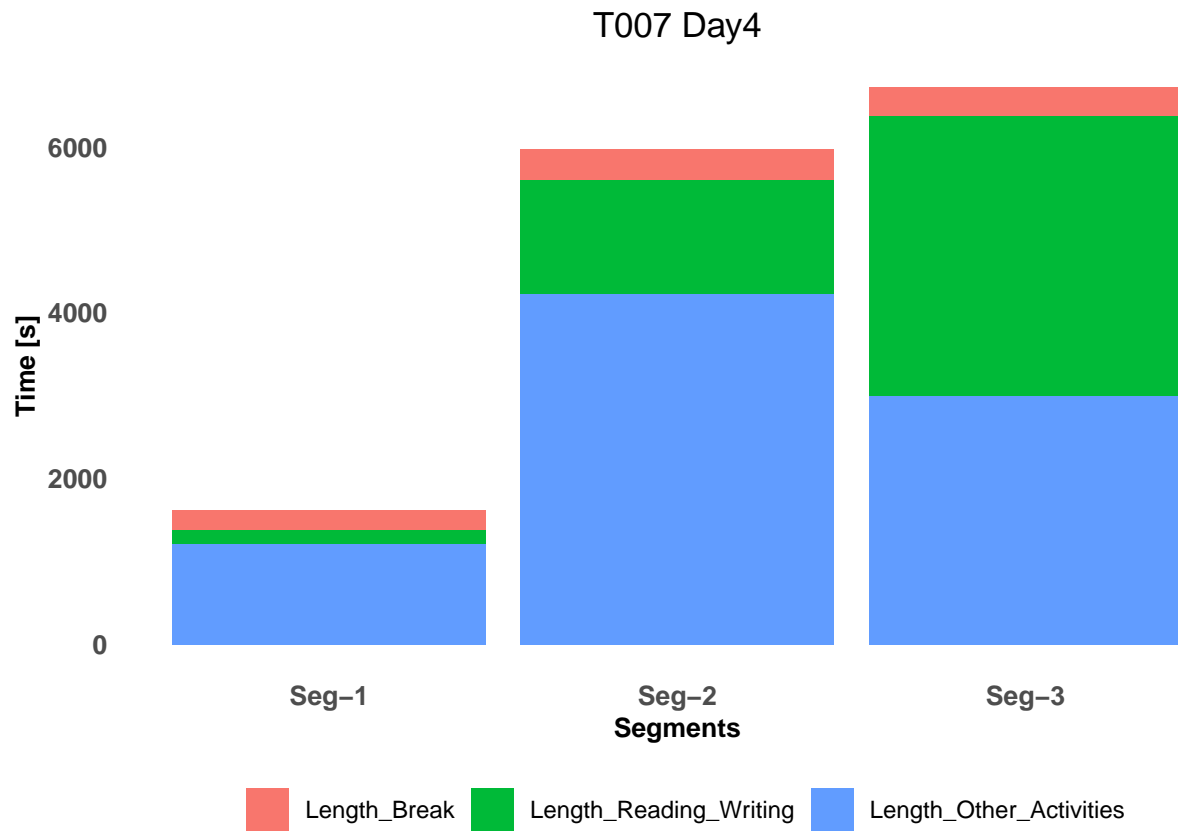


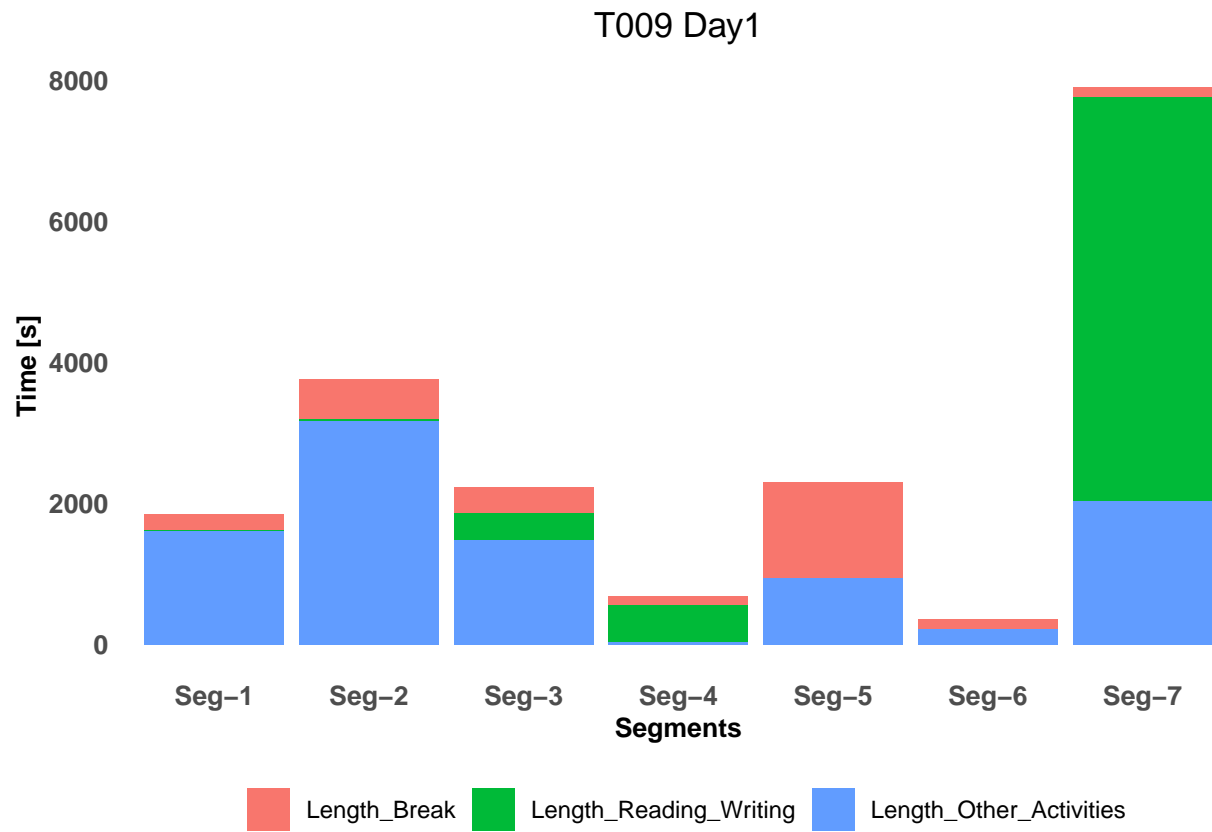


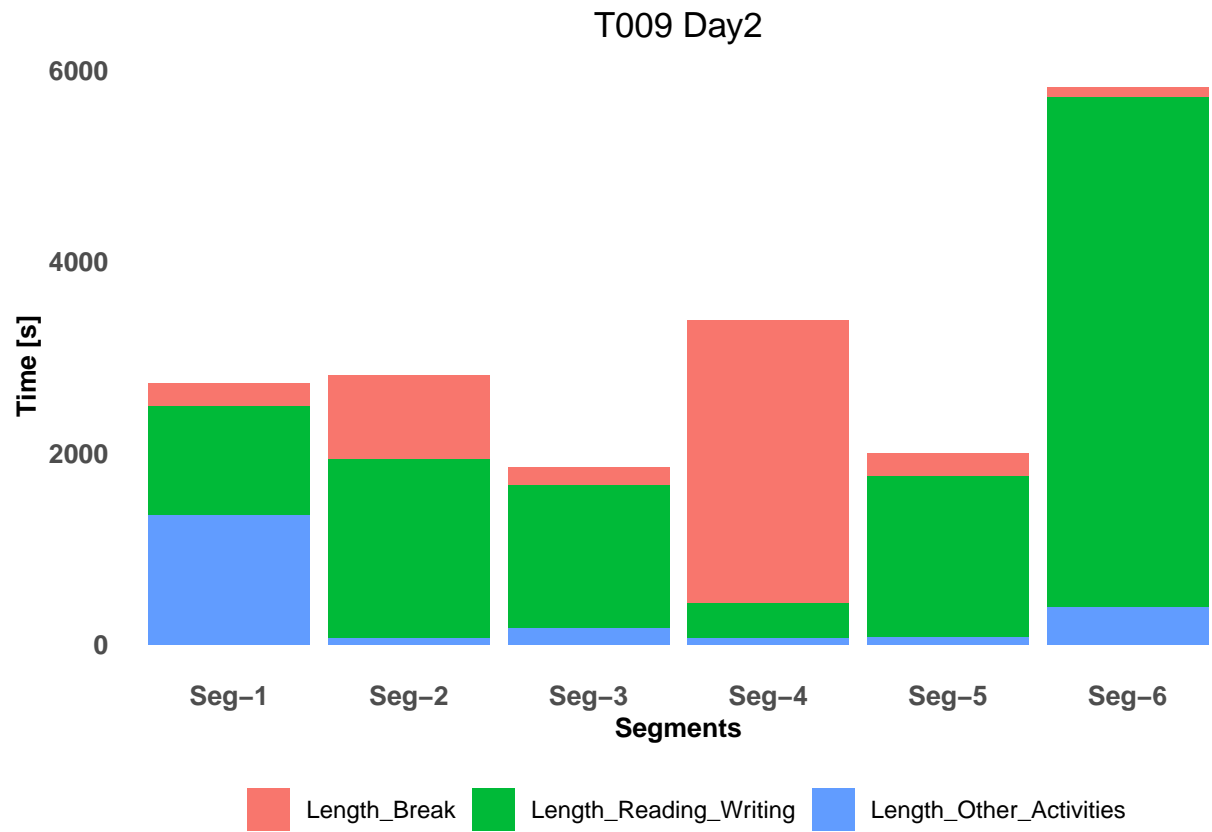


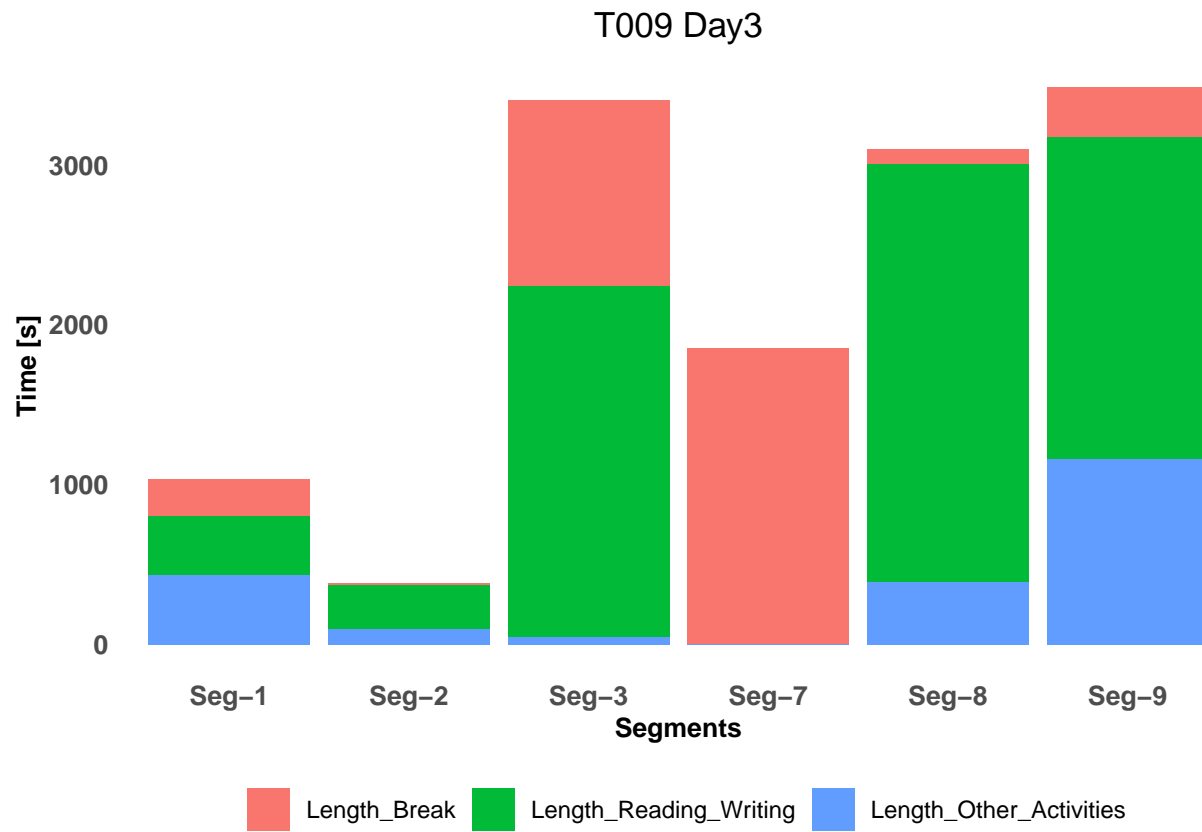


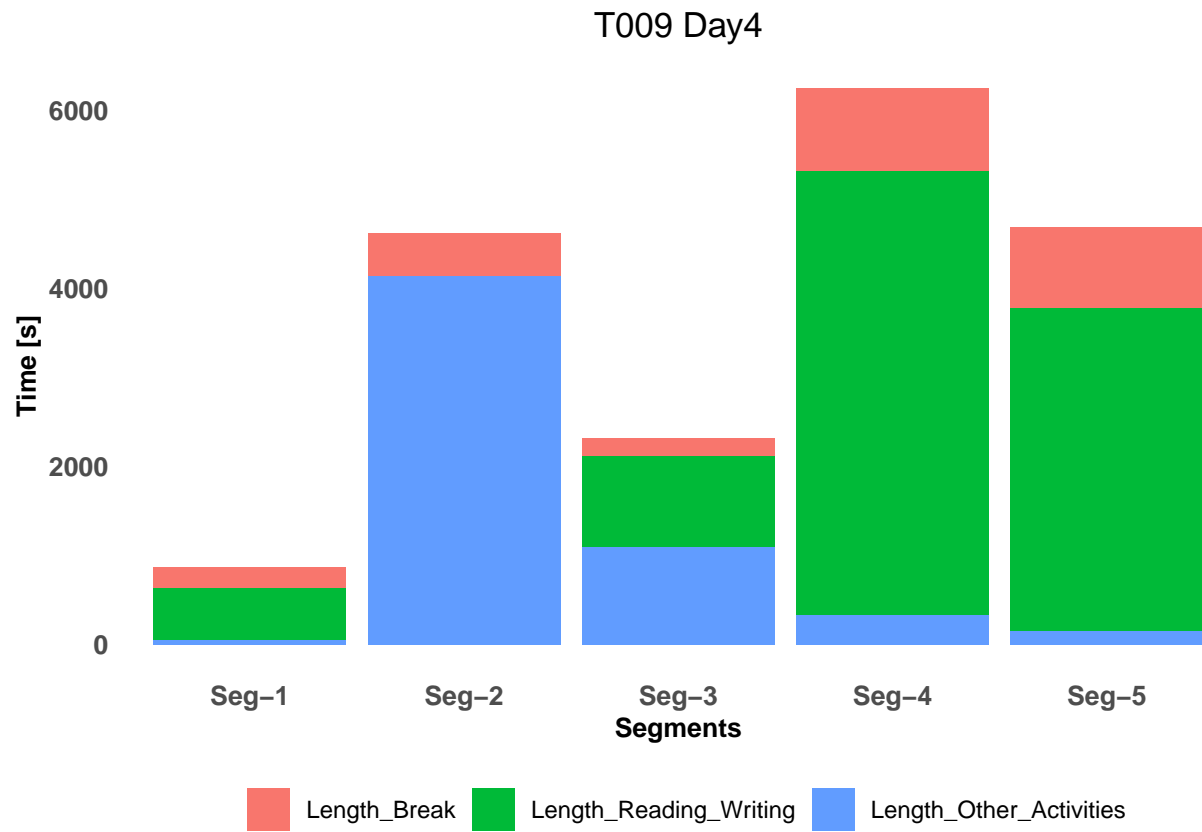


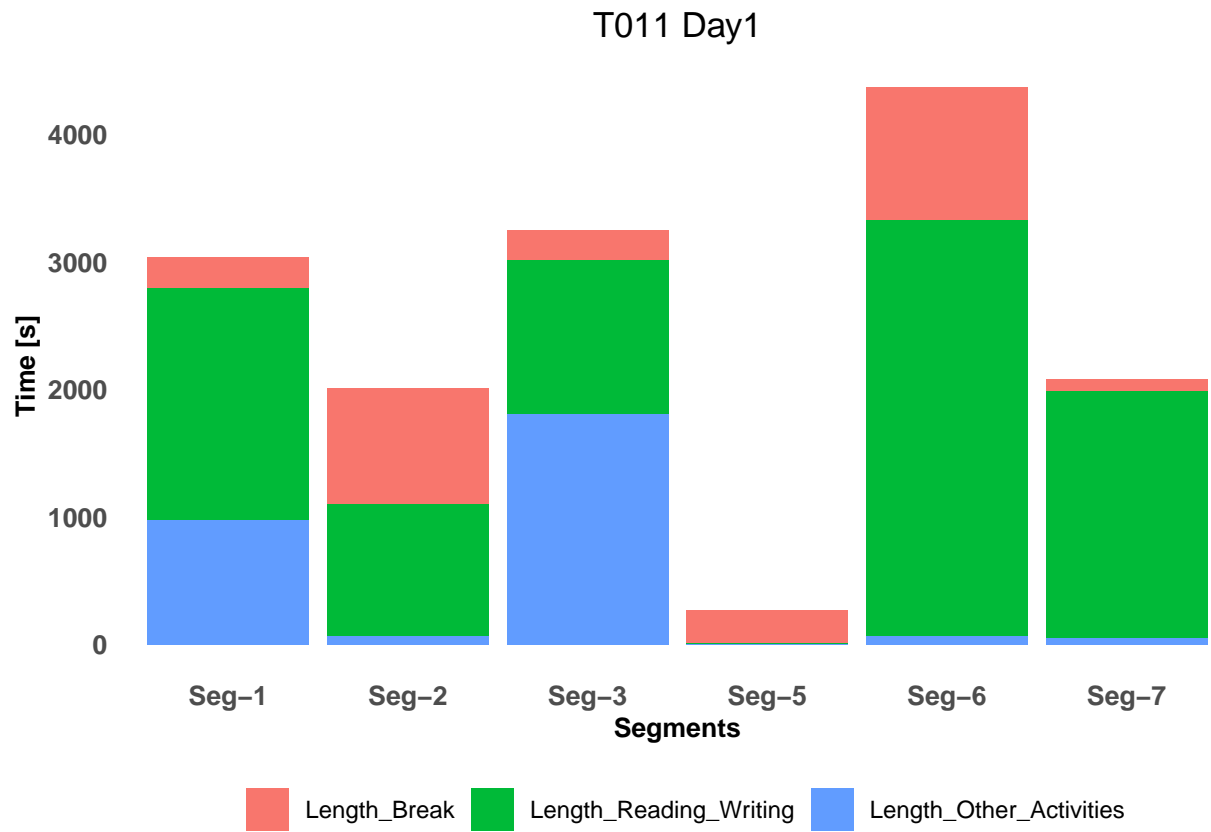




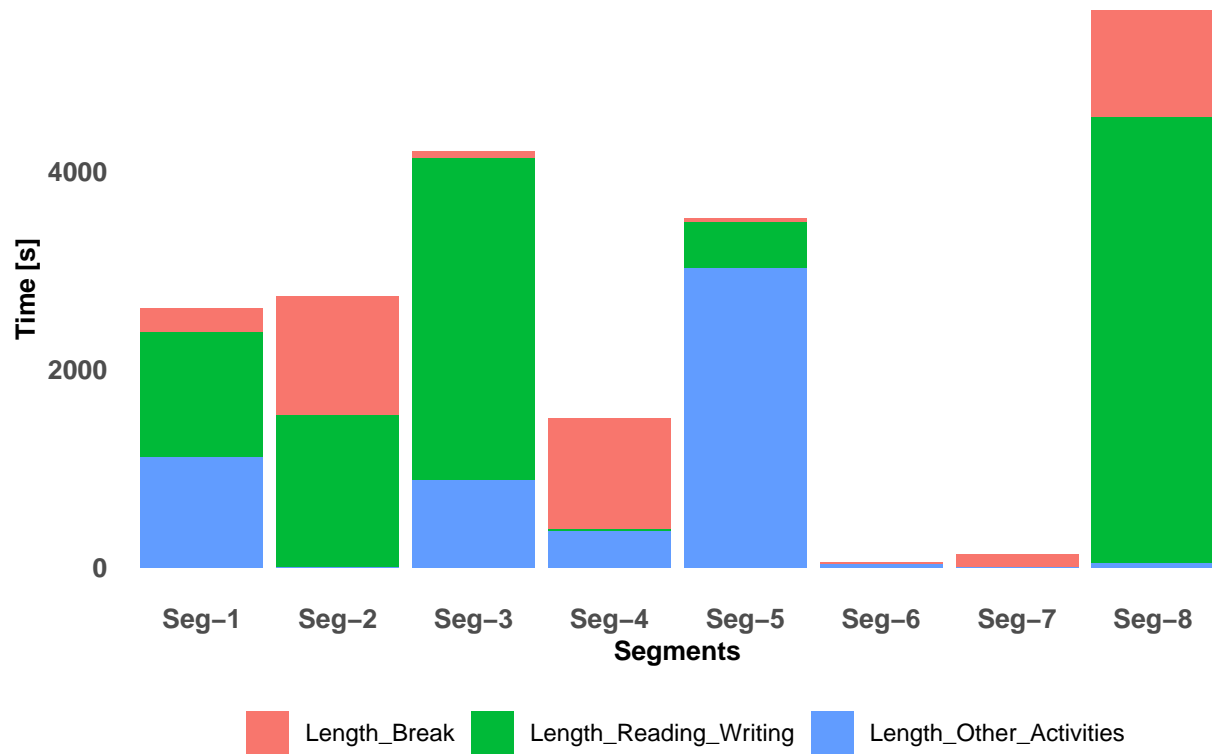


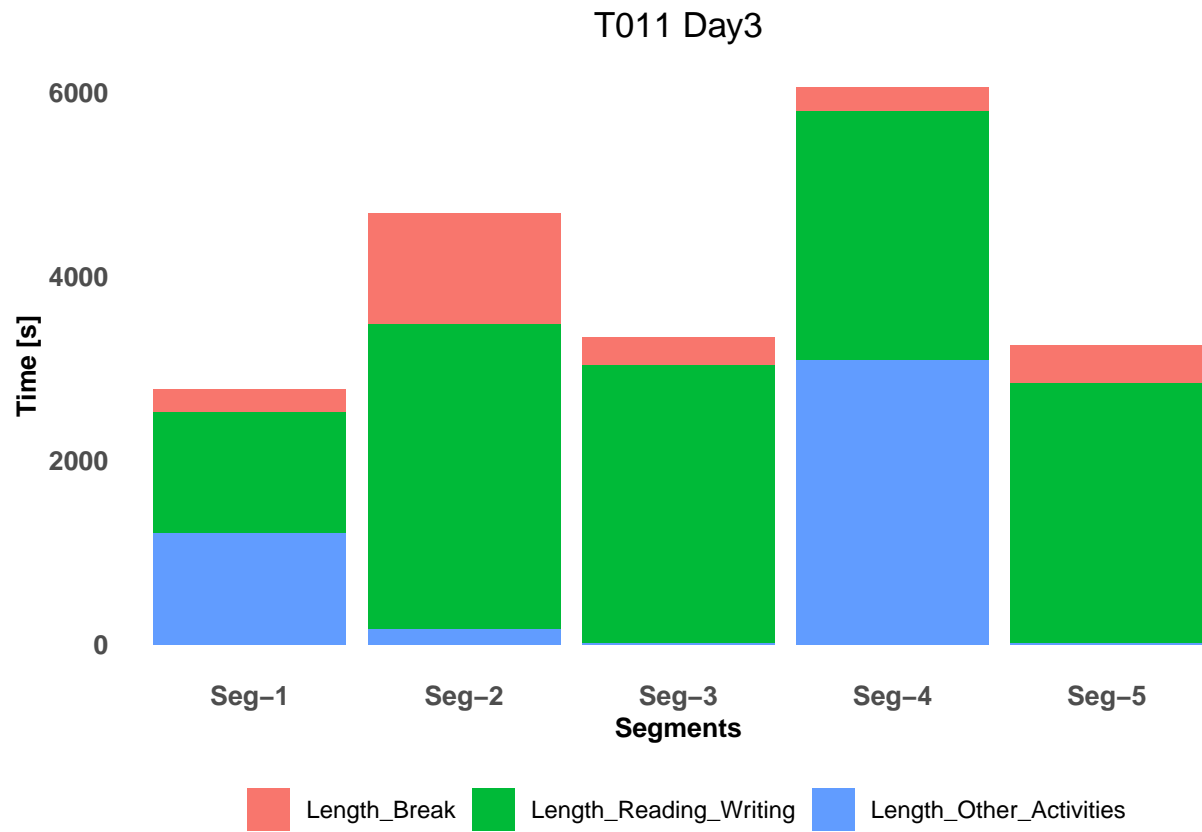


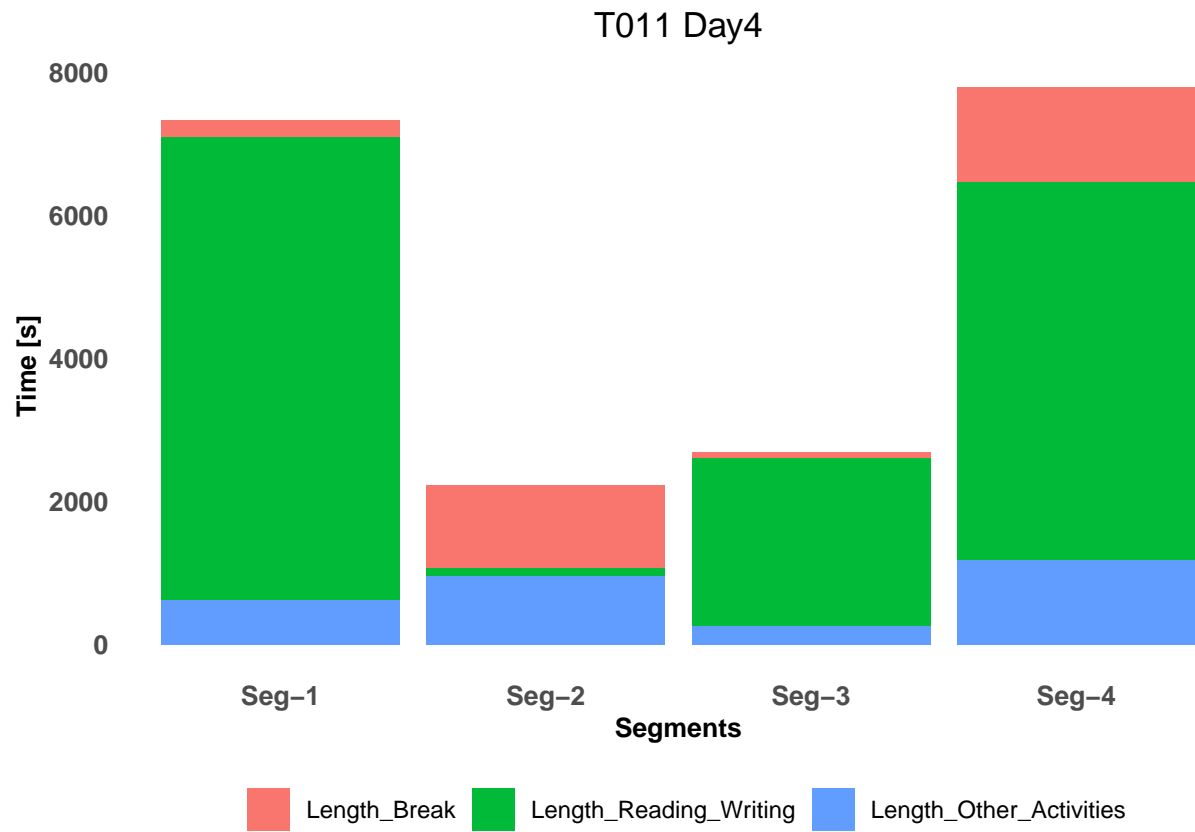


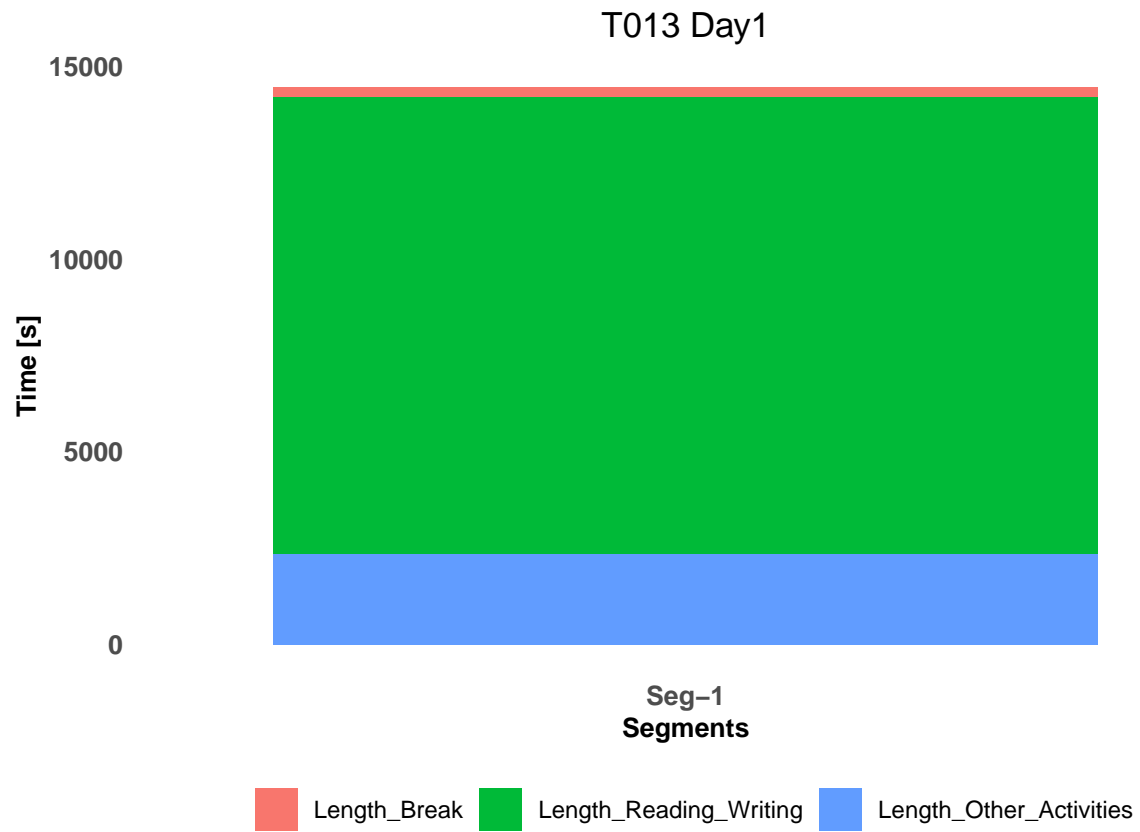


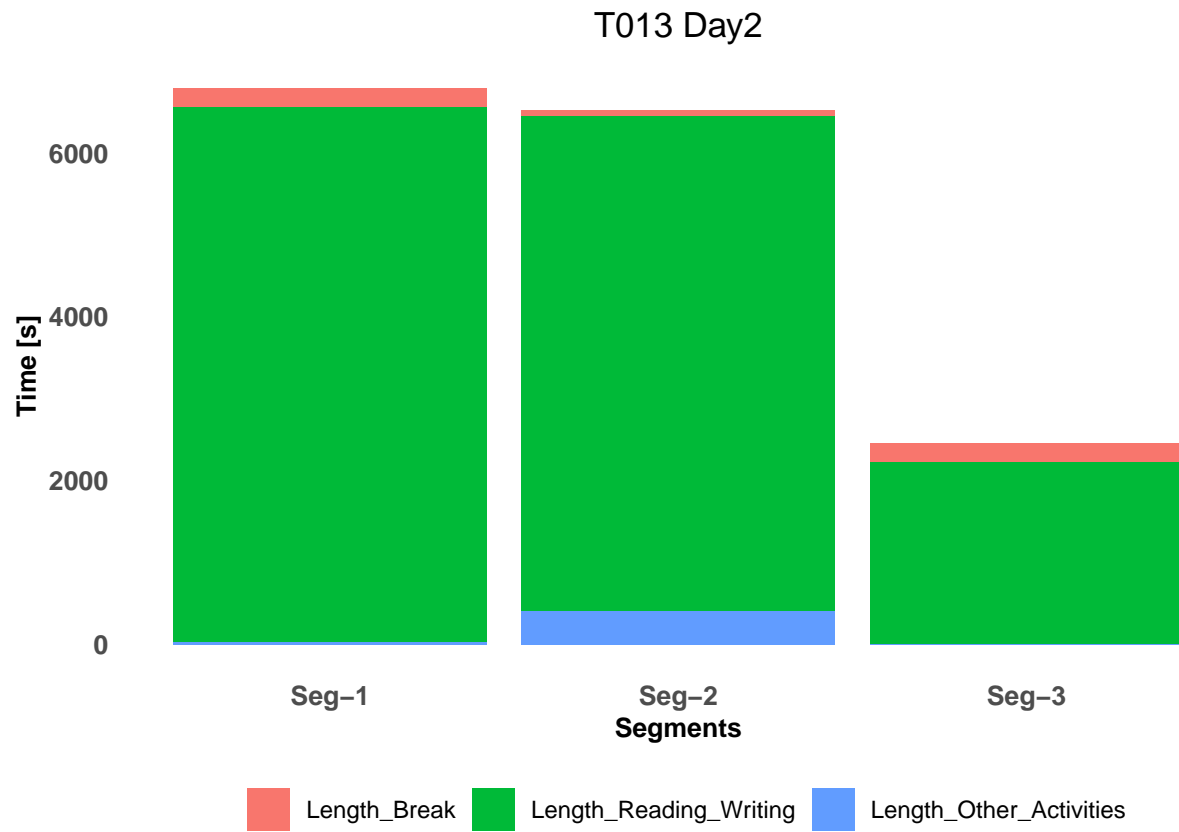
T011 Day2

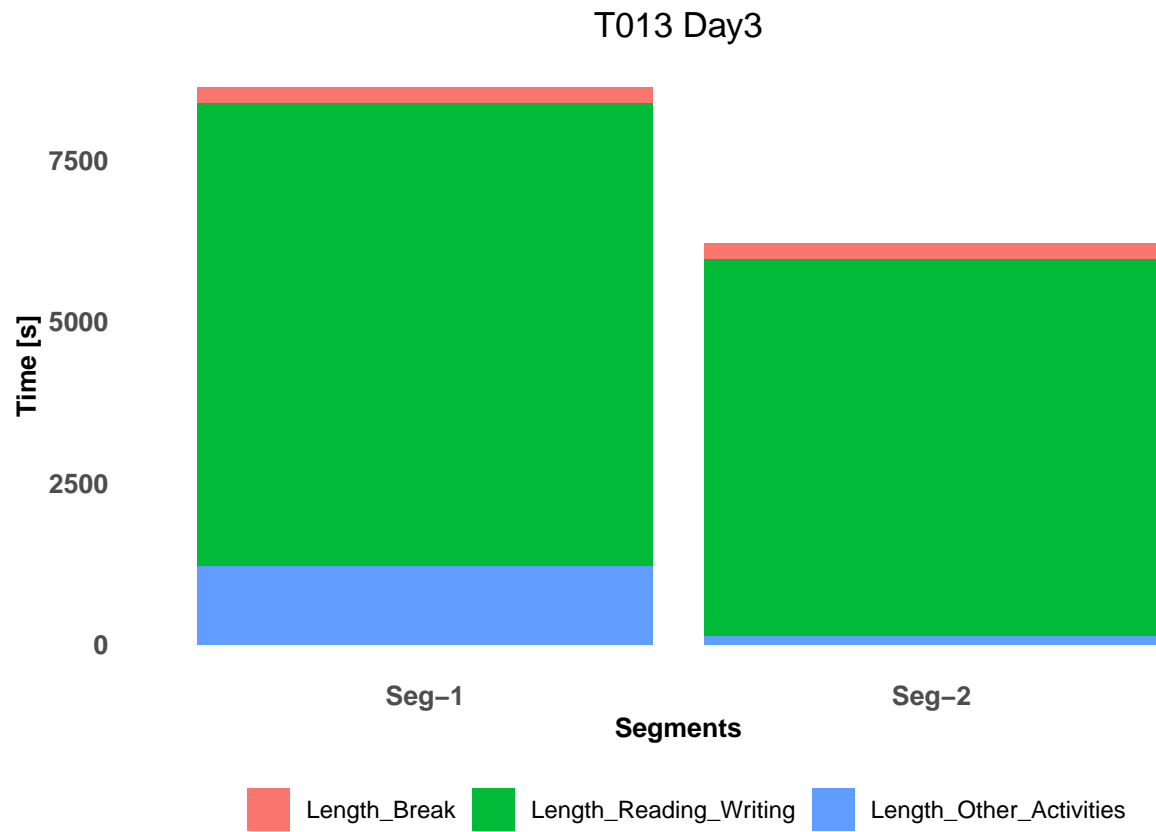


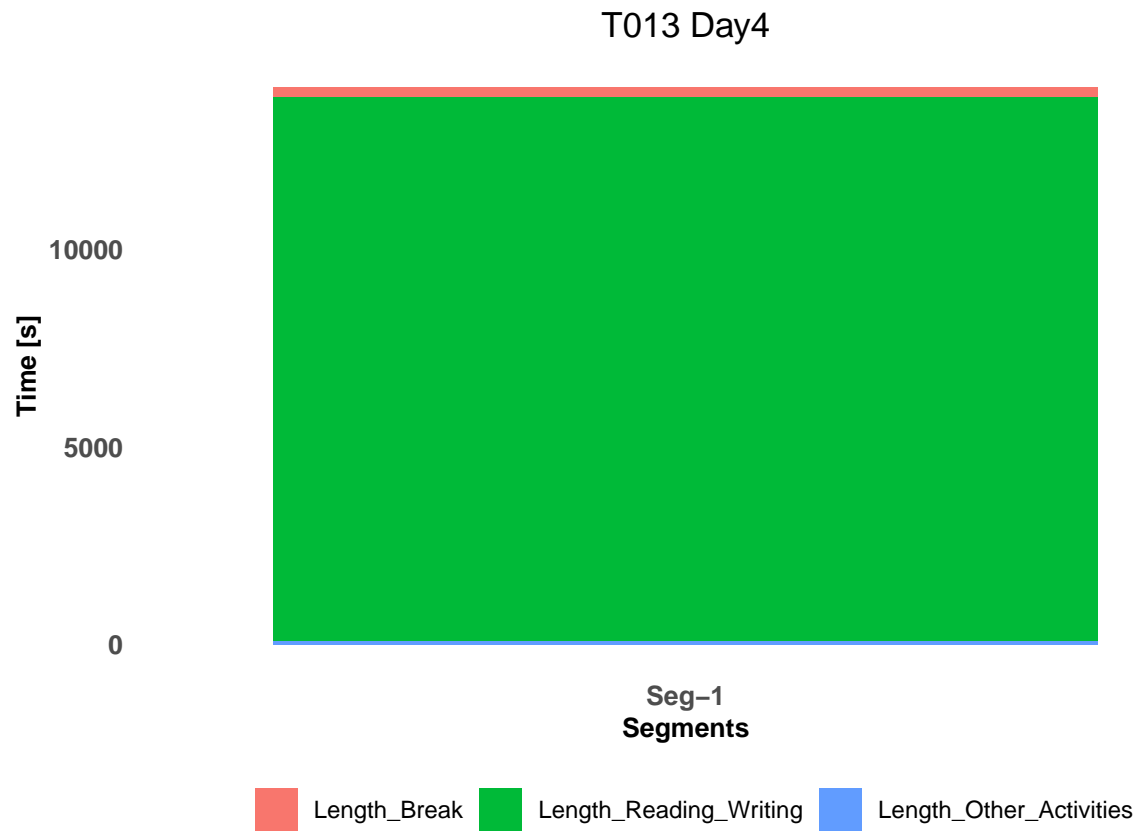


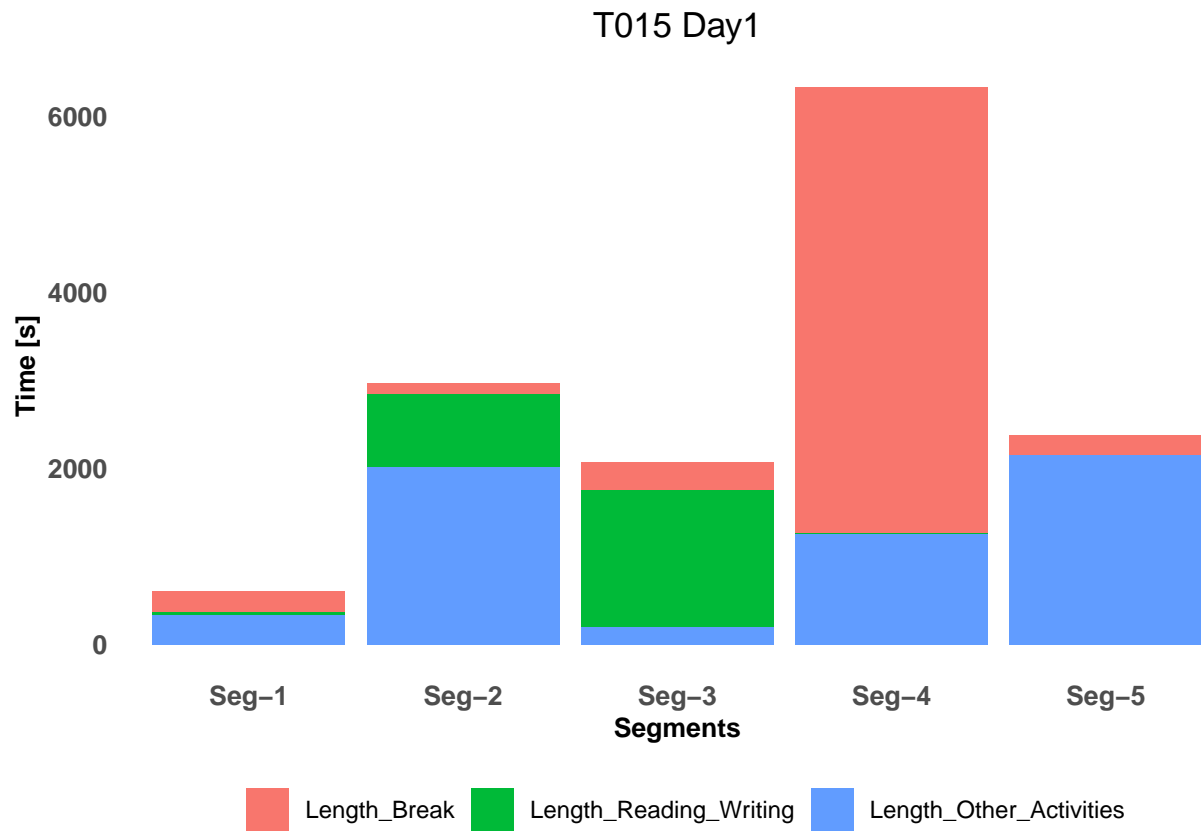


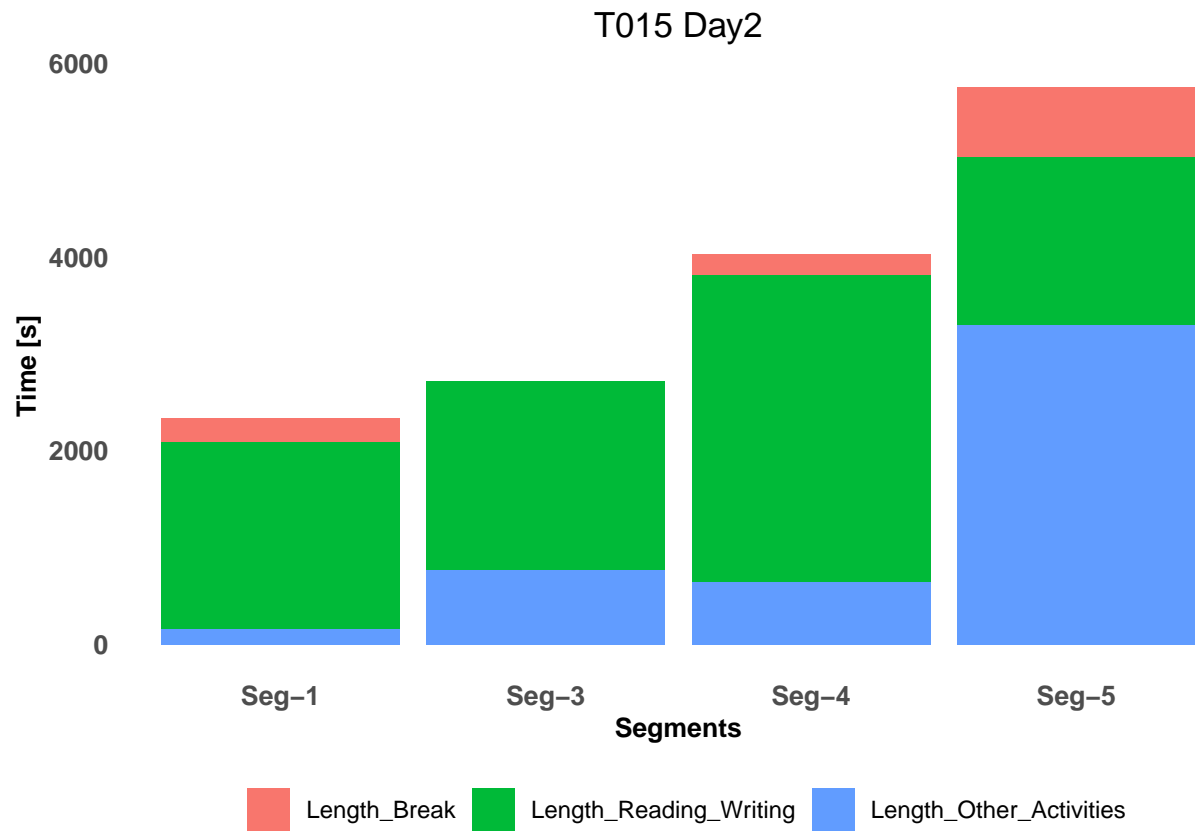




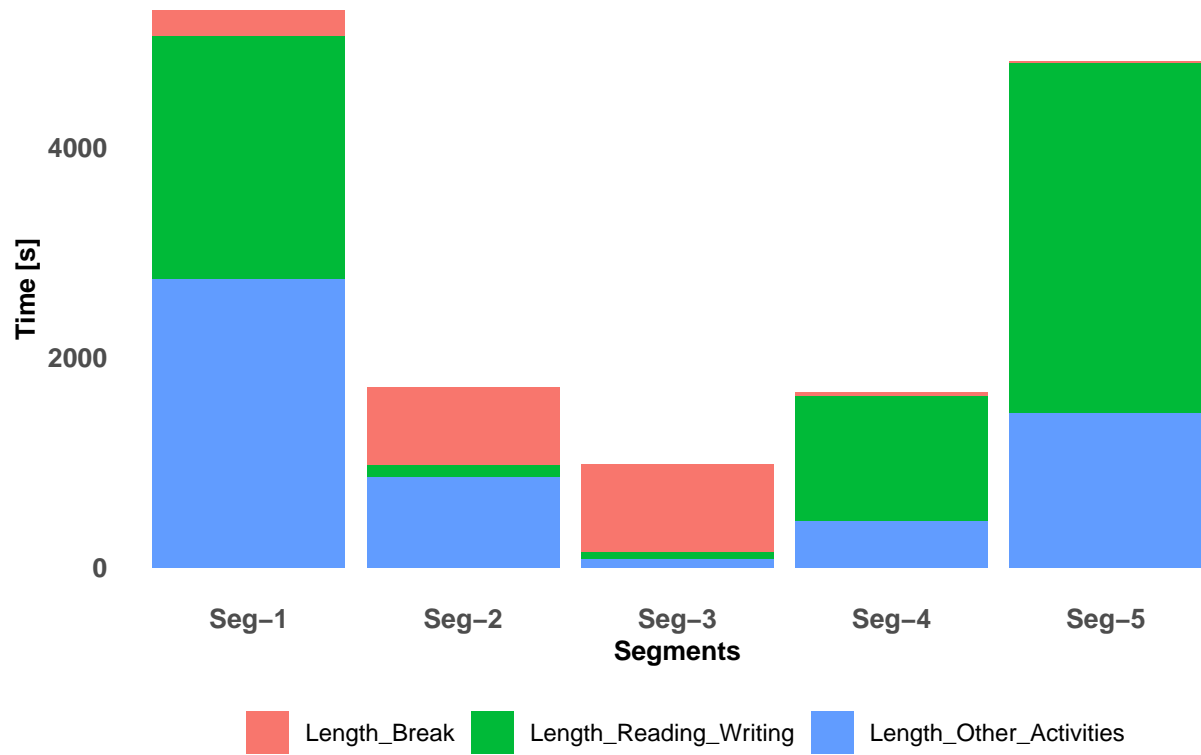


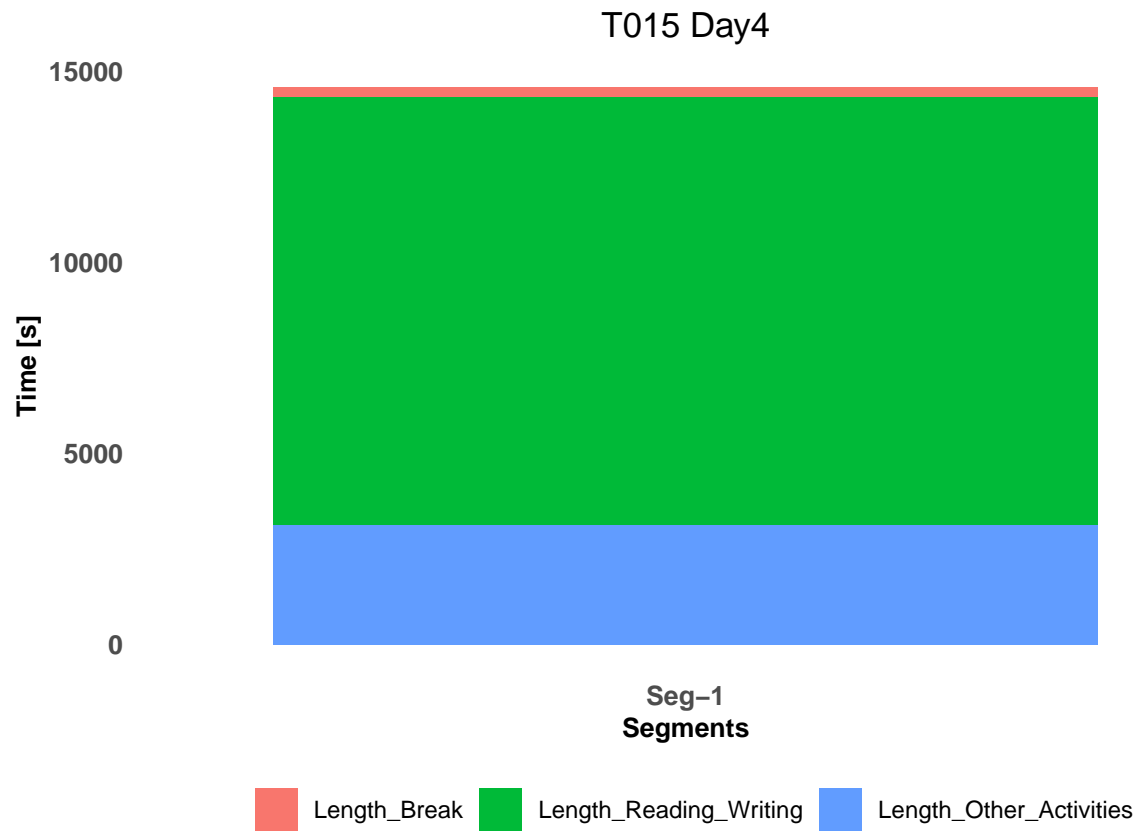


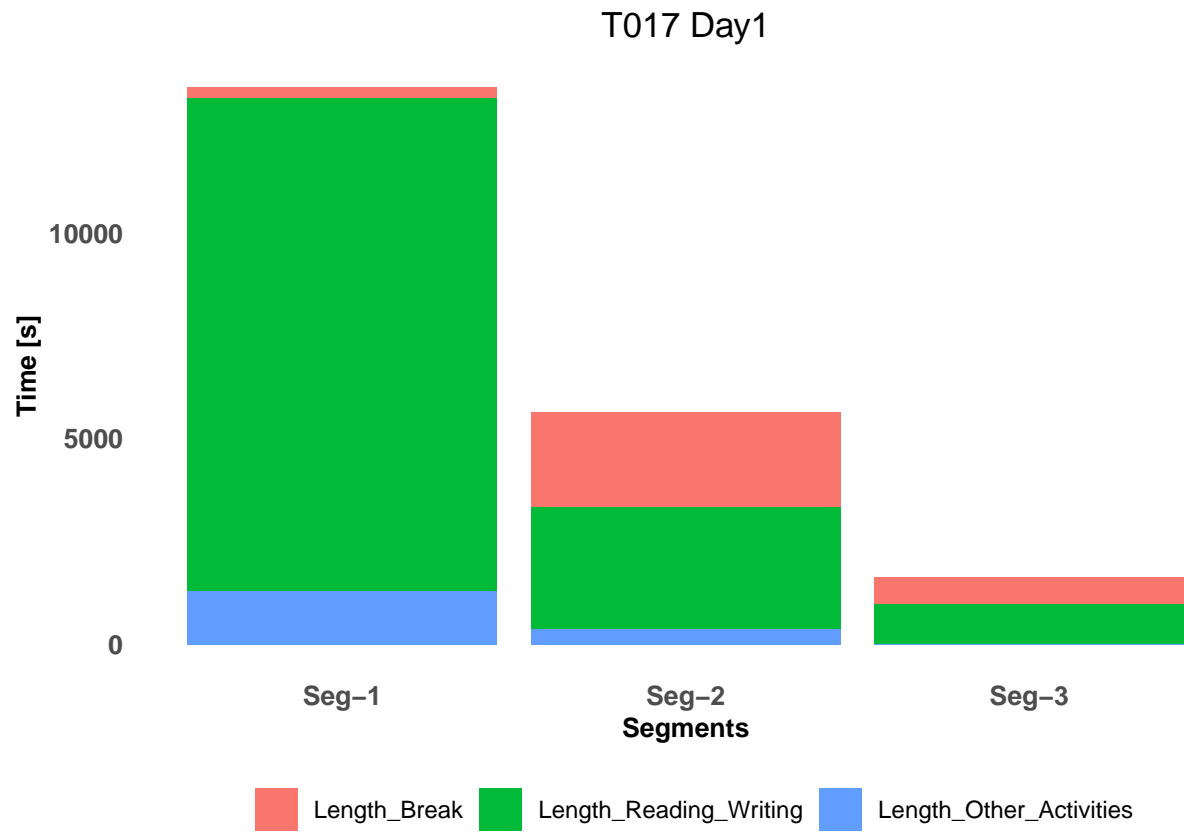


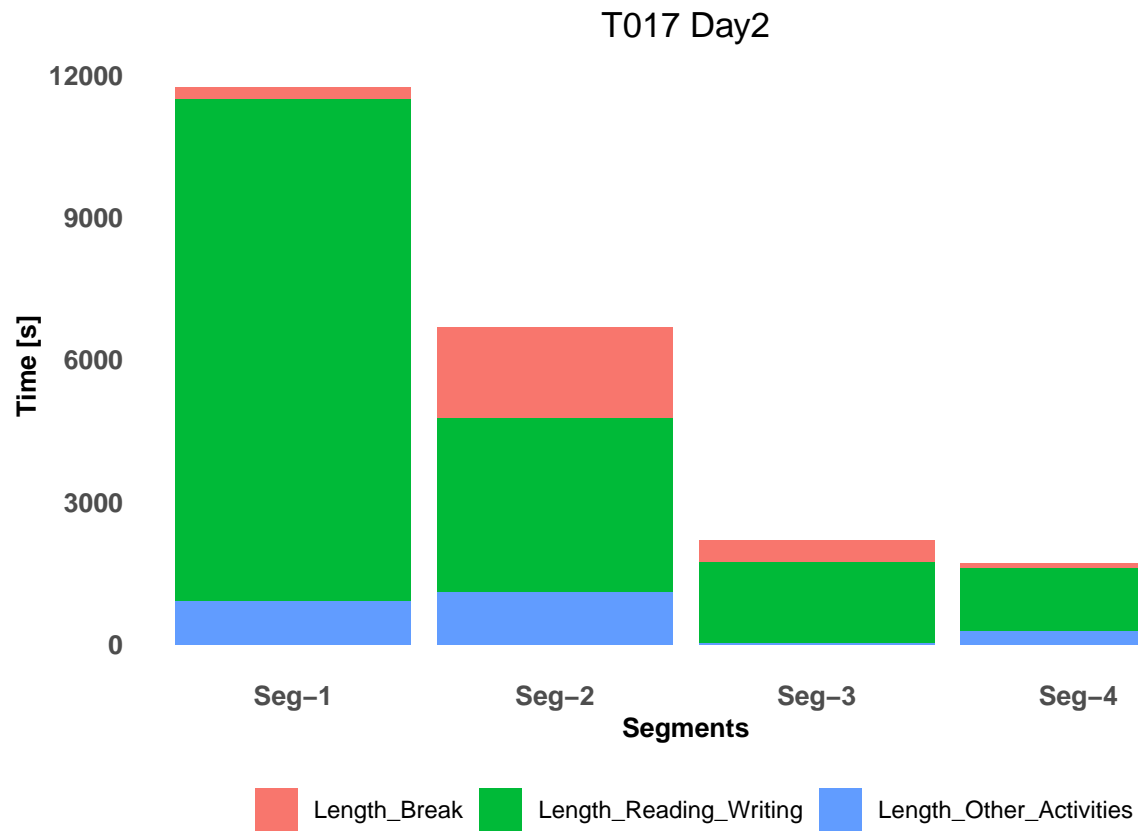


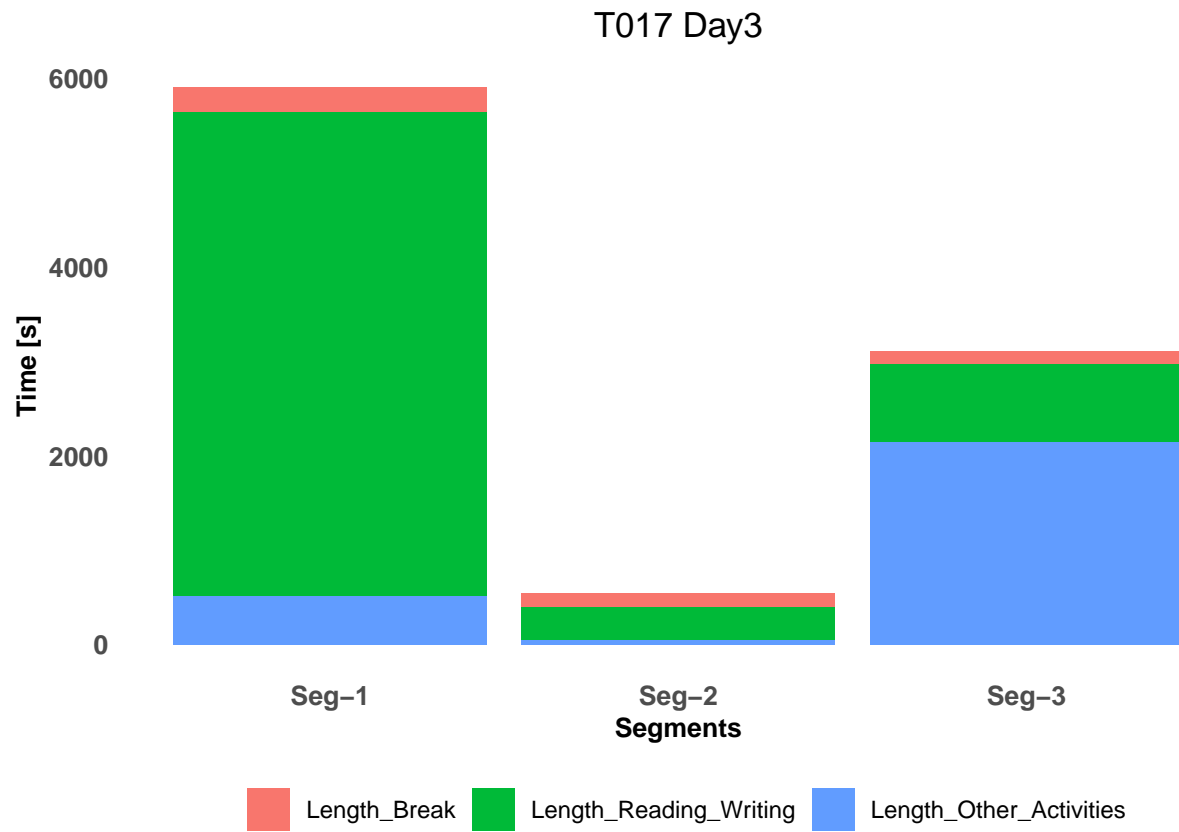
T015 Day3

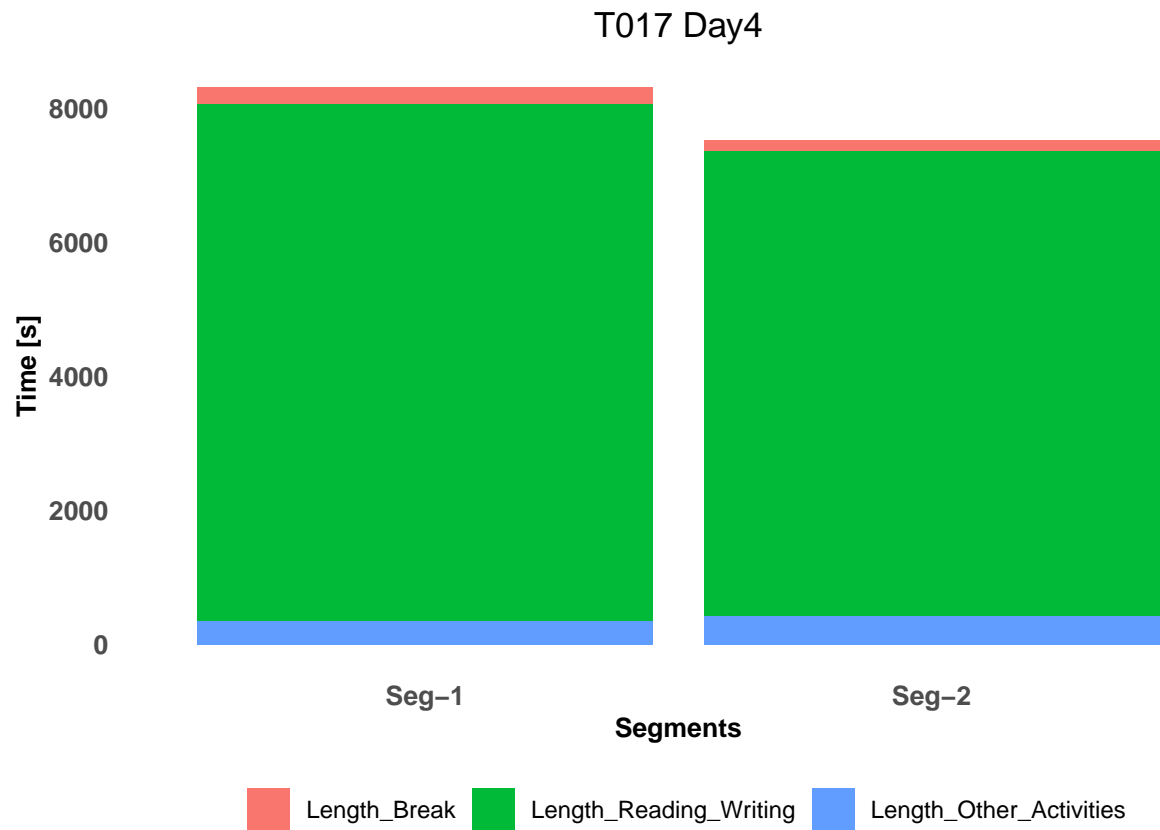




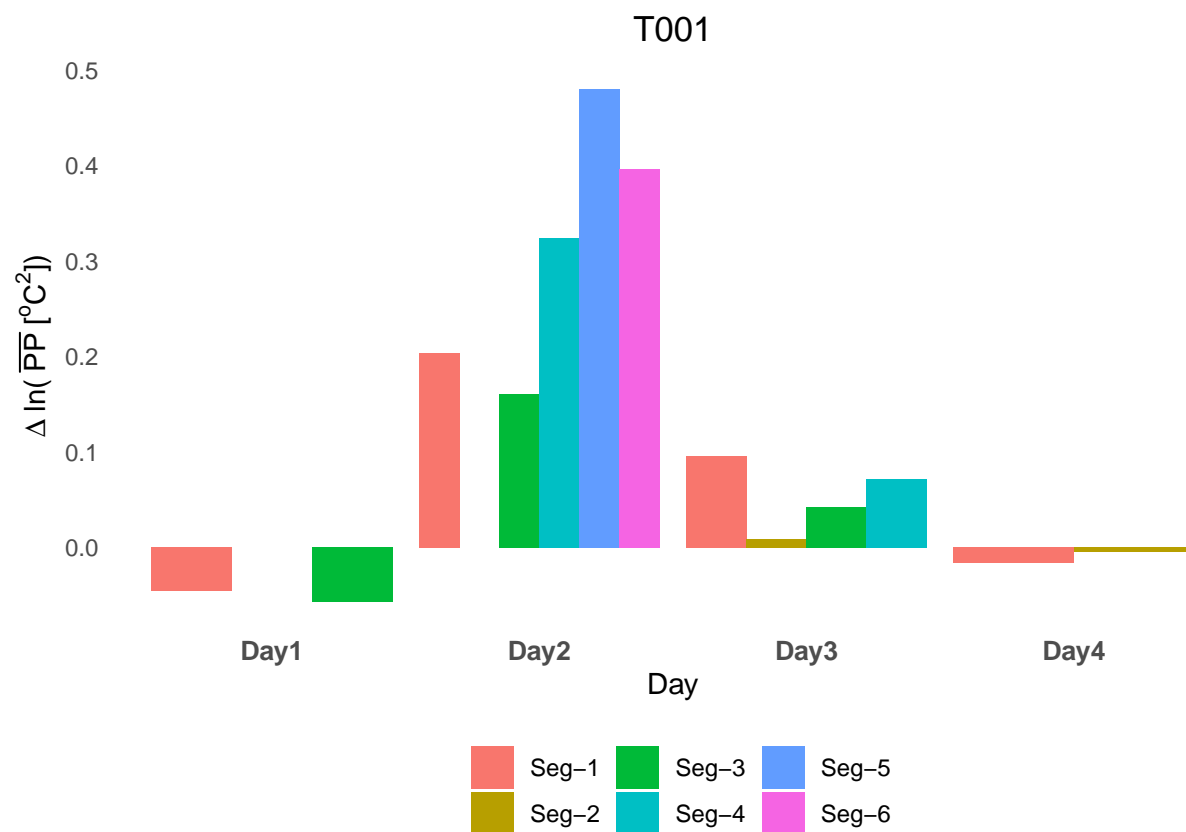


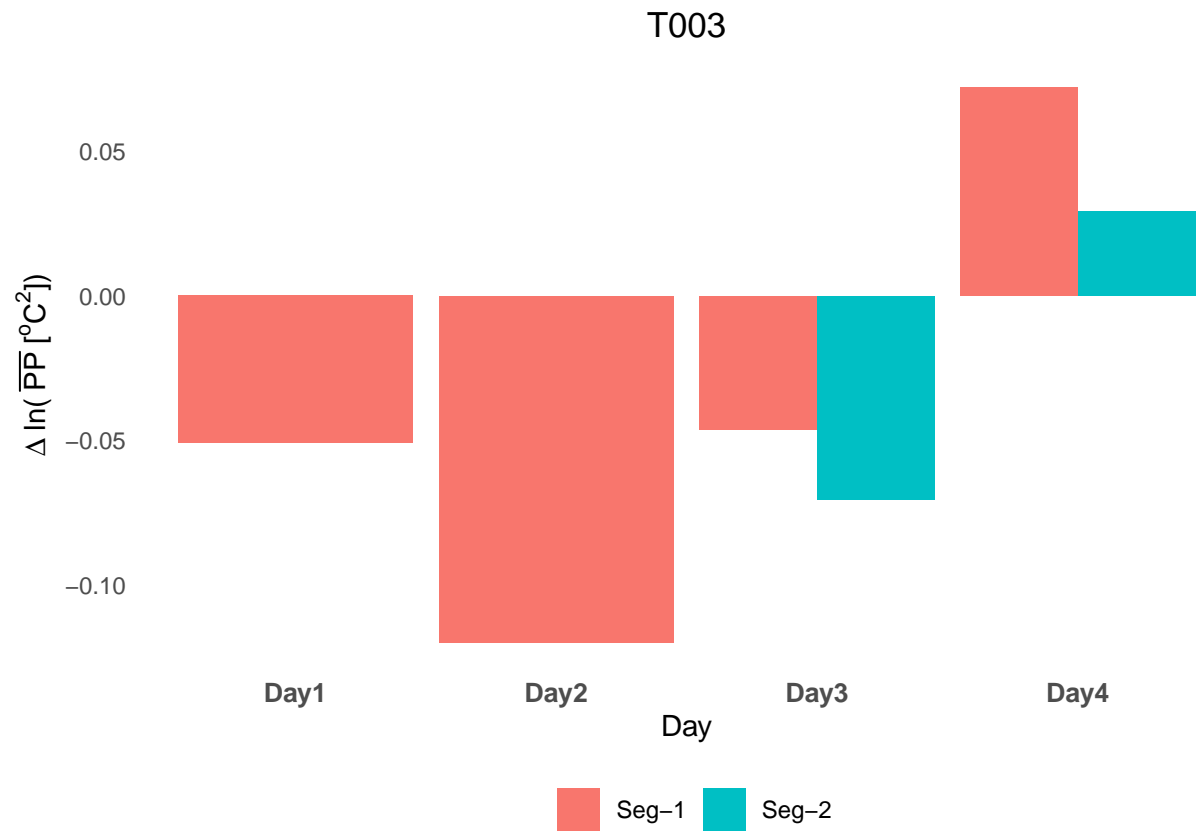




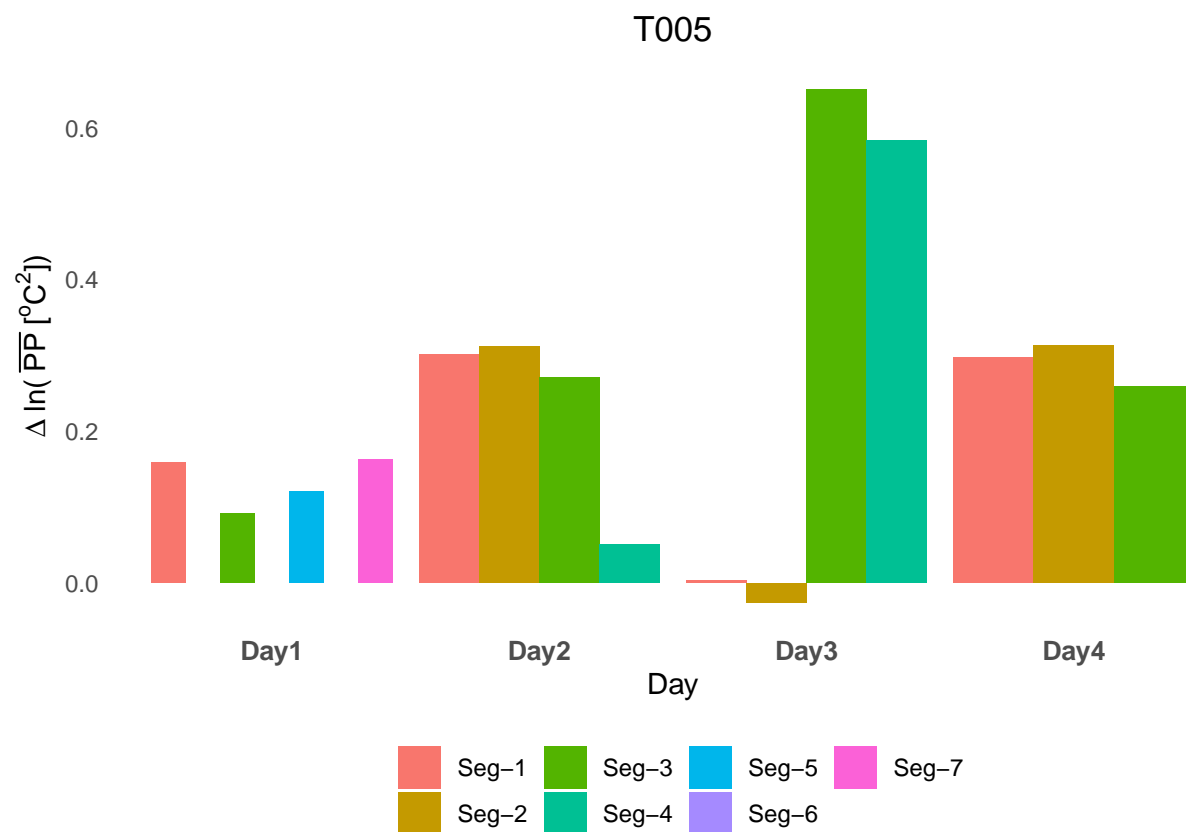


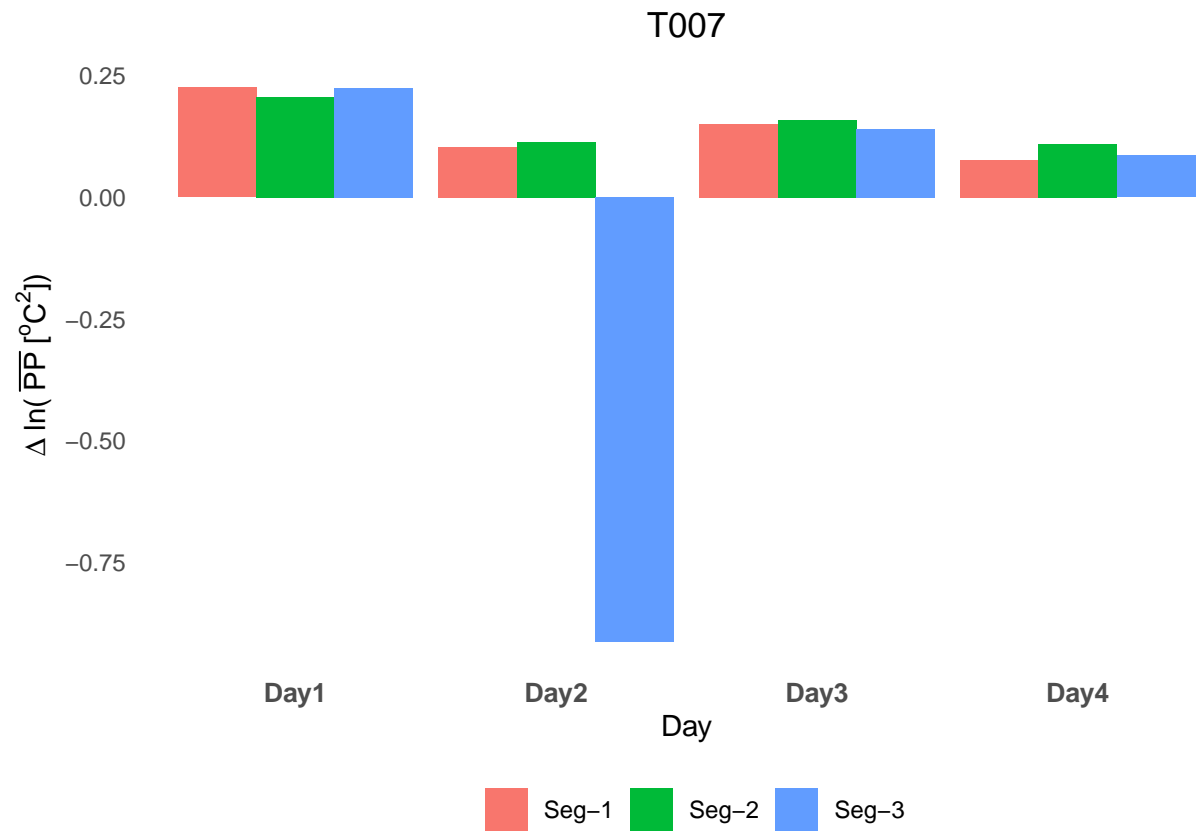
Warning: Removed 2 rows containing missing values (geom_bar).



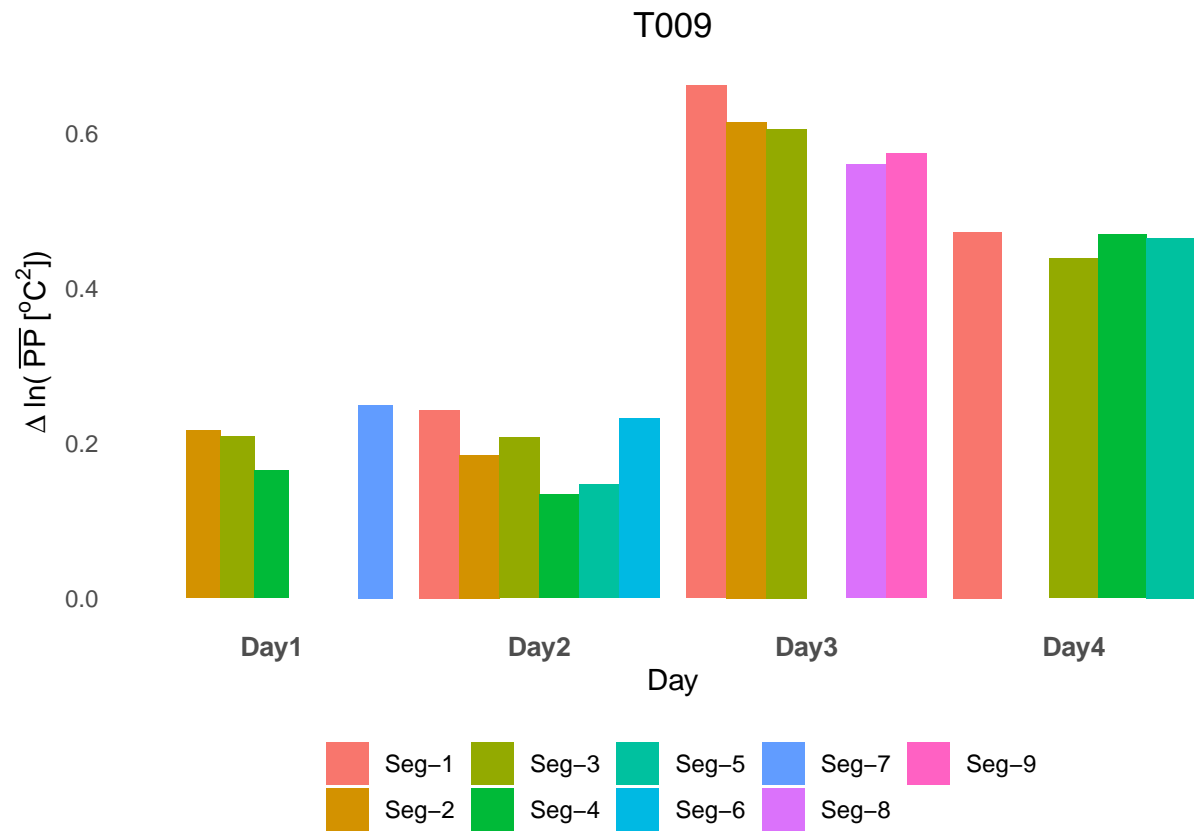


Warning: Removed 3 rows containing missing values (geom_bar).

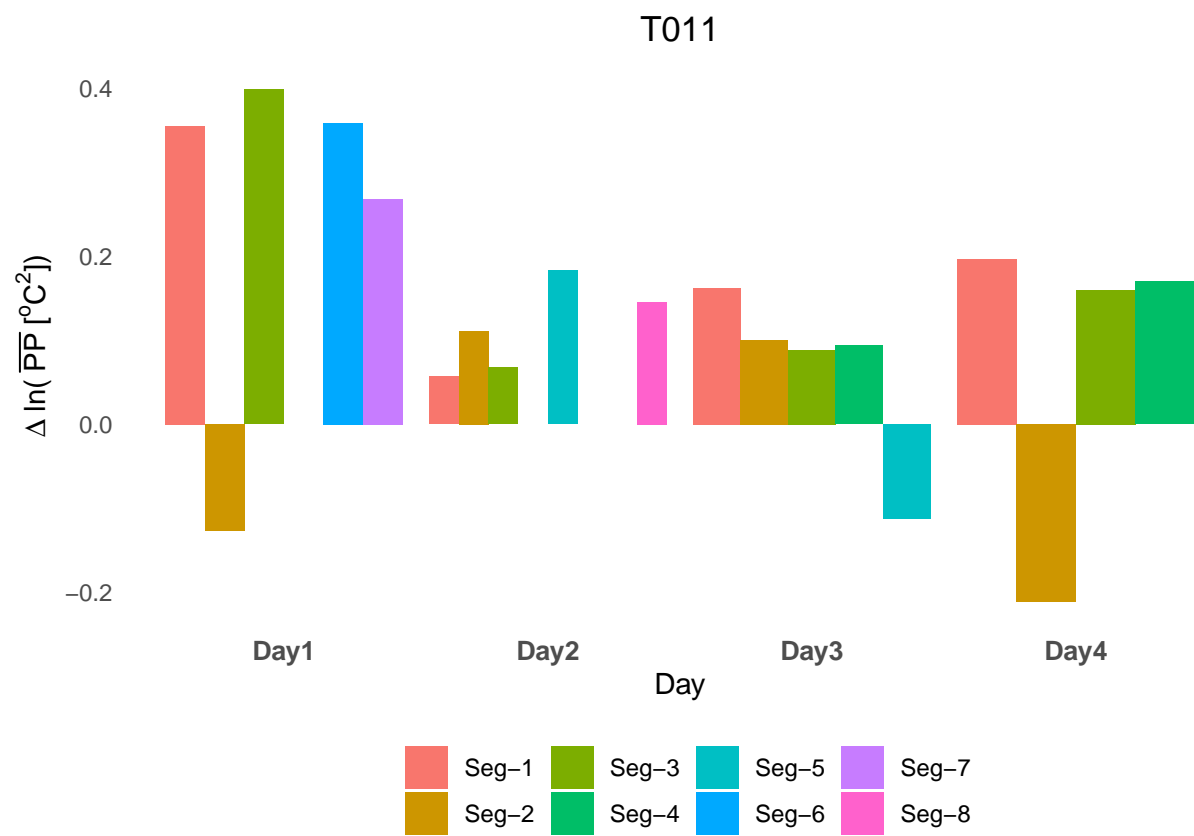


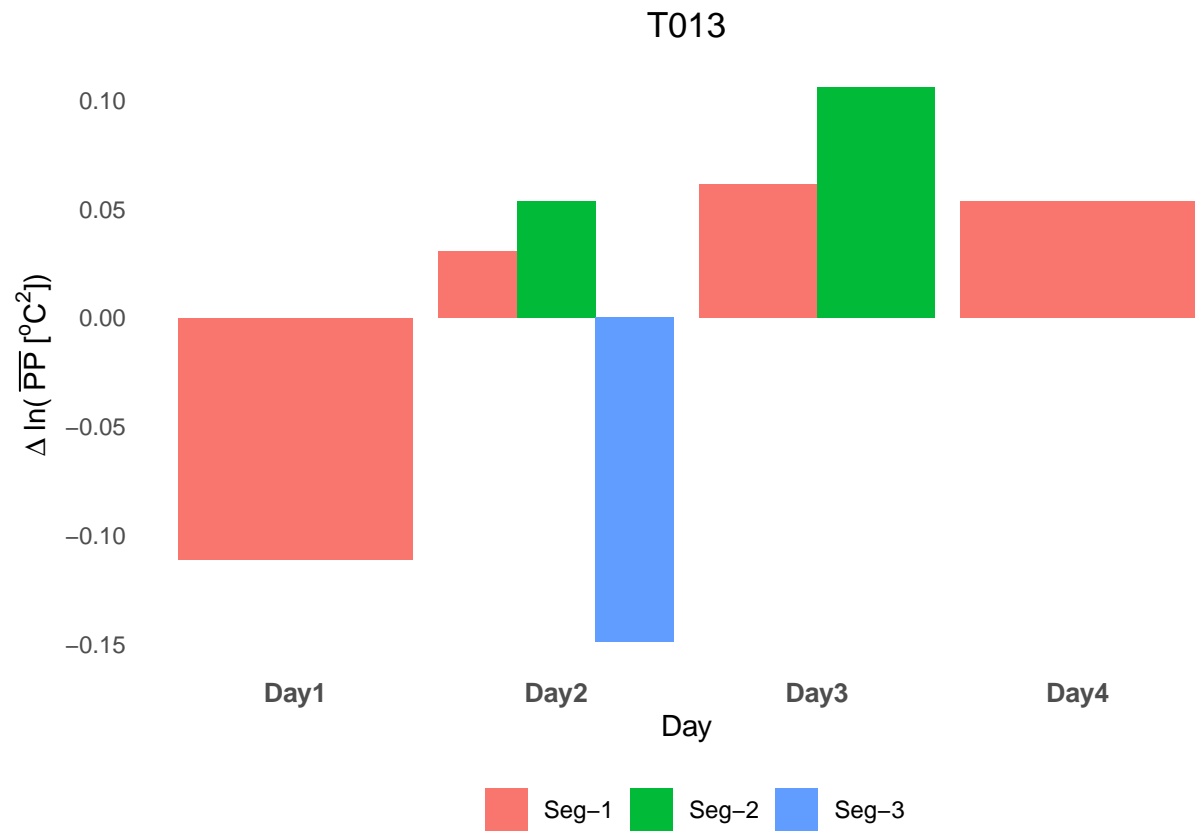


Warning: Removed 5 rows containing missing values (geom_bar).

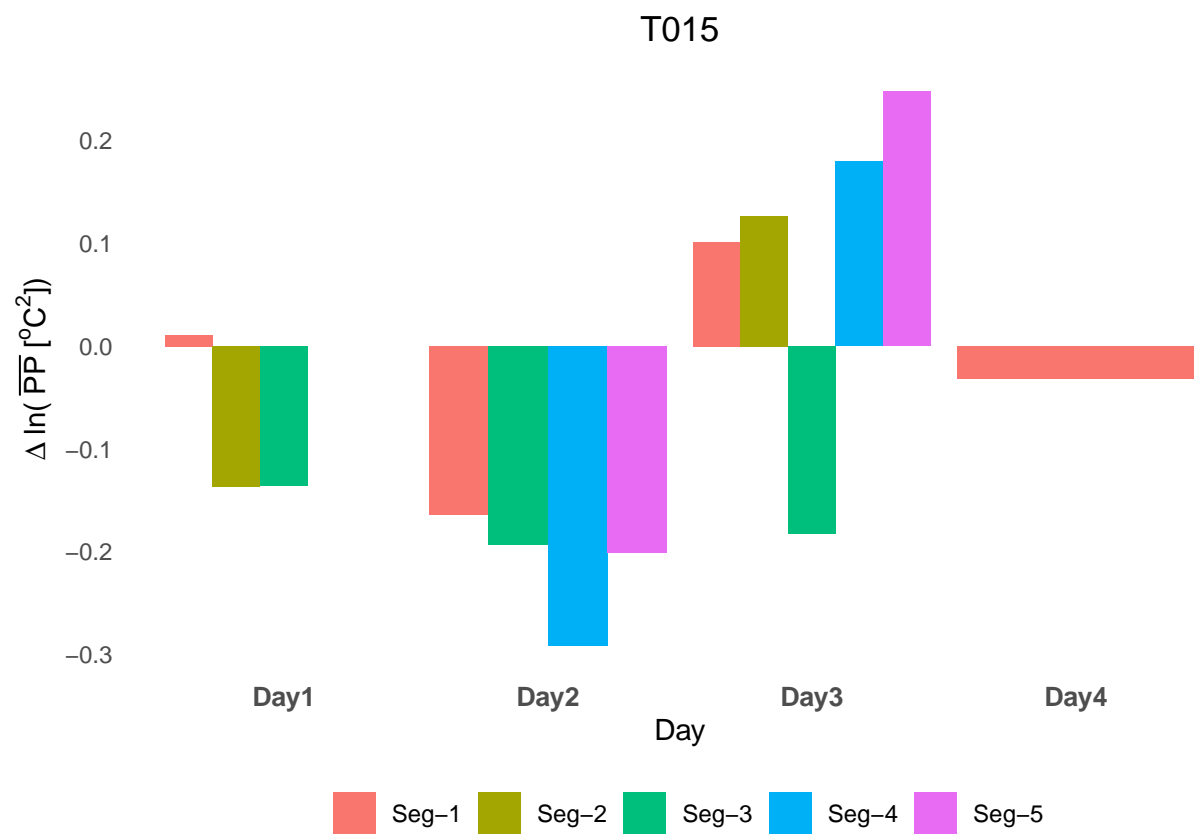


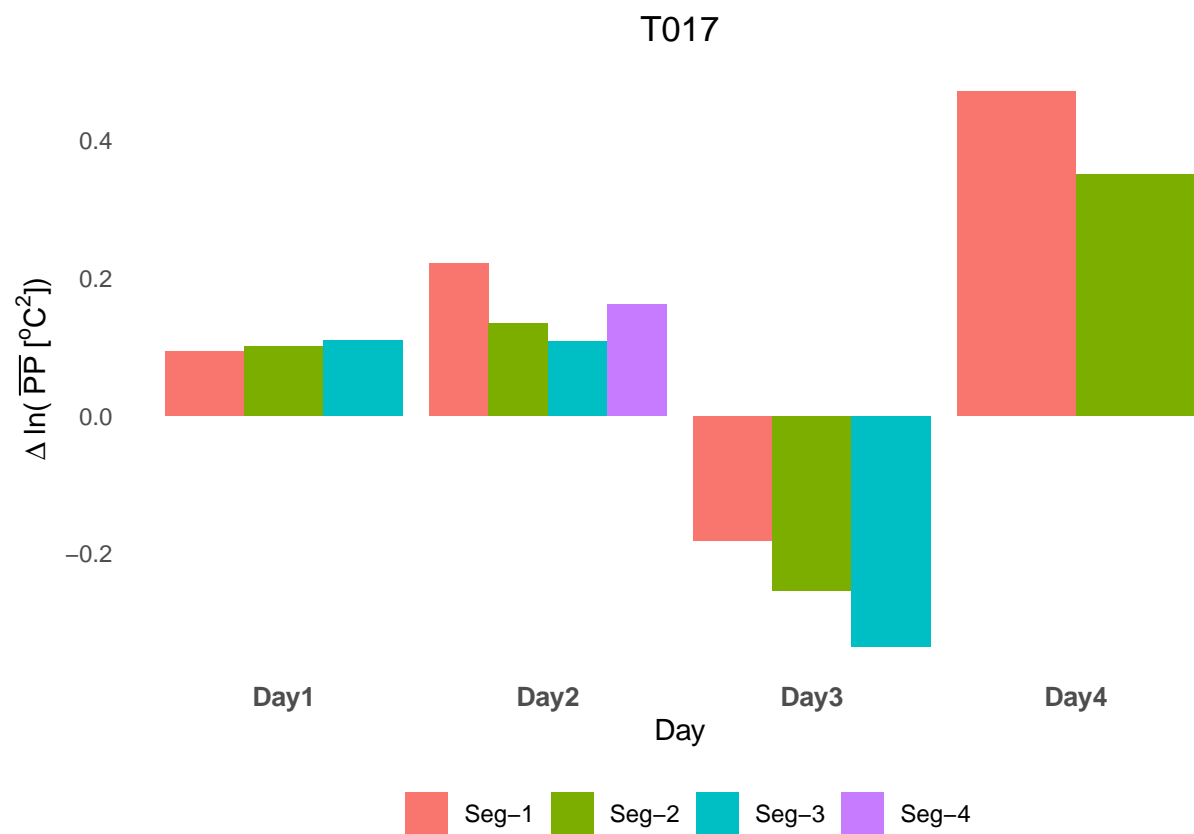
Warning: Removed 4 rows containing missing values (geom_bar).





Warning: Removed 2 rows containing missing values (geom_bar).





Model1 with Normalized_mean_RW ~ Length_Break + Length_Reading_Writing + Length_Other_Activities

```
##
## Call:
## lm(formula = Normalized_PP_mean_RW ~ Length_Break + Length_Reading_Writing +
##     Length_Other_Activities + Gender, data = Merged_Data)
##
## Residuals:
##      Min       1Q   Median       3Q      Max
## -0.97006 -0.13962  0.01354  0.11470  0.50491
##
## Coefficients:
##              Estimate Std. Error t value Pr(>|t|)
## (Intercept)    5.659e-02  4.834e-02   1.171   0.2442
## Length_Break    6.504e-05  3.186e-05   2.042   0.0436 *
## Length_Reading_Writing -1.672e-06  6.155e-06  -0.272   0.7864
## Length_Other_Activities -6.861e-06  1.714e-05  -0.400   0.6898
## GenderMale      8.908e-02  4.476e-02   1.990   0.0490 *
## ---
## Signif. codes:  0 '***' 0.001 '**' 0.01 '*' 0.05 '.' 0.1 ' ' 1
##
## Residual standard error: 0.2229 on 111 degrees of freedom
## (16 observations deleted due to missingness)
## Multiple R-squared:  0.08451,    Adjusted R-squared:  0.05152
## F-statistic: 2.562 on 4 and 111 DF,  p-value: 0.04235

## Analysis of Variance Table
##
## Response: Normalized_PP_mean_RW
##              Df Sum Sq Mean Sq F value Pr(>F)
## Length_Break    1 0.2711  0.271148   5.4590 0.02126 *
## Length_Reading_Writing 1 0.0345  0.034546   0.6955 0.40609
## Length_Other_Activities 1 0.0066  0.006568   0.1322 0.71681
## Gender          1 0.1967  0.196699   3.9601 0.04905 *
## Residuals      111 5.5133  0.049670
## ---
## Signif. codes:  0 '***' 0.001 '**' 0.01 '*' 0.05 '.' 0.1 ' ' 1
```

Model2 with Normalized_mean_RW ~ Length_Break + Length_Reading_Writing + Length_Other_Activities + Trait_anxiety

```
##
## Call:
## lm(formula = Normalized_PP_mean_RW ~ Length_Break + Length_Reading_Writing +
##     Length_Other_Activities + Trait_anxiety, data = Merged_Data)
##
## Residuals:
##      Min       1Q   Median       3Q      Max
## -0.97211 -0.09411  0.00305  0.13436  0.46468
##
## Coefficients:
##              Estimate Std. Error t value Pr(>|t|)
## (Intercept)   -2.252e-01  1.031e-01  -2.186  0.030942 *
## Length_Break    6.942e-05  3.056e-05   2.272  0.025043 *
## Length_Reading_Writing -3.341e-06  5.727e-06  -0.583  0.560819
## Length_Other_Activities  5.125e-06  1.683e-05   0.304  0.761344
## Trait_anxiety    7.763e-03  2.183e-03   3.557  0.000553 ***
## ---
## Signif. codes:  0 '***' 0.001 '**' 0.01 '*' 0.05 '.' 0.1 ' ' 1
##
## Residual standard error: 0.2149 on 111 degrees of freedom
## (16 observations deleted due to missingness)
## Multiple R-squared:  0.1489, Adjusted R-squared:  0.1182
## F-statistic: 4.853 on 4 and 111 DF,  p-value: 0.001207

## Analysis of Variance Table
##
## Response: Normalized_PP_mean_RW
##              Df Sum Sq Mean Sq F value    Pr(>F)
## Length_Break    1 0.2711  0.27115    5.8717 0.0170028 *
## Length_Reading_Writing 1 0.0345  0.03455    0.7481 0.3889477
## Length_Other_Activities 1 0.0066  0.00657    0.1422 0.7067870
## Trait_anxiety    1 0.5842  0.58421   12.6512 0.0005532 ***
## Residuals      111 5.1258  0.04618
## ---
## Signif. codes:  0 '***' 0.001 '**' 0.01 '*' 0.05 '.' 0.1 ' ' 1
```

Model3 with Normalized_mean_RW ~ Length_Break + Length_Reading_Writing + Length_Other_Activities + Normalized_mean_Other

```
##
## Call:
## lm(formula = Normalized_PP_mean_RW ~ Length_Break + Length_Reading_Writing +
##     Length_Other_Activities + Normalized_PP_mean_Other, data = Merged_Data)
##
## Residuals:
##      Min       1Q   Median       3Q      Max
## -0.31682 -0.04736  0.00655  0.04423  0.27702
##
## Coefficients:
##              Estimate Std. Error t value Pr(>|t|)
## (Intercept)   -6.027e-04  1.869e-02  -0.032  0.97434
## Length_Break    4.891e-05  1.395e-05   3.507  0.00069 ***
## Length_Reading_Writing  2.026e-06  3.364e-06   0.602  0.54834
## Length_Other_Activities -5.116e-06  8.105e-06  -0.631  0.52934
## Normalized_PP_mean_Other  8.077e-01  3.649e-02  22.137 < 2e-16 ***
## ---
## Signif. codes:  0 '***' 0.001 '**' 0.01 '*' 0.05 '.' 0.1 ' ' 1
##
## Residual standard error: 0.09605 on 96 degrees of freedom
## (31 observations deleted due to missingness)
## Multiple R-squared:  0.844, Adjusted R-squared:  0.8375
## F-statistic: 129.9 on 4 and 96 DF,  p-value: < 2.2e-16

## Analysis of Variance Table
##
## Response: Normalized_PP_mean_RW
##              Df Sum Sq Mean Sq F value    Pr(>F)
## Length_Break    1 0.2487  0.2487  26.9613 1.161e-06 ***
## Length_Reading_Writing  1 0.0053  0.0053   0.5799   0.4482
## Length_Other_Activities  1 0.0177  0.0177   1.9171   0.1694
## Normalized_PP_mean_Other  1 4.5207  4.5207 490.0604 < 2.2e-16 ***
## Residuals      96 0.8856  0.0092
## ---
## Signif. codes:  0 '***' 0.001 '**' 0.01 '*' 0.05 '.' 0.1 ' ' 1
```