# Hypothesis Testing for NSF Office Stress Project - Reduced Sensor Set

Below are the test results for each of the Conditions that had  $n \ge 7$  subjects. Statistical testing can have three different possible outcomes: the data is already normal (t-test), the logarithm of the data is normal (t-test with log data), or the data is NOT normal (Wilcoxon test).

#### For notation, let:

```
WB-RB = Writing Baseline - Resting Baseline
SC-RB = Stress Condition - Resting Baseline
SC-WB = Stress Condition - Writing Baseline
DT-RB = Dual Task - Resting Baseline
DT-WB = Dual Task - Writing Baseline
DT-SC = Dual Task - Stress Condition
P-RB = Presentation - Resting Baseline
P-WB = Presentation - Writing Baseline
P-SC = Presentation - Stress Condition
P-DT = Presentation - Dual Task
```

#### For each of the graphs, let:

```
* = 0.01 

<math>** = 0.001 

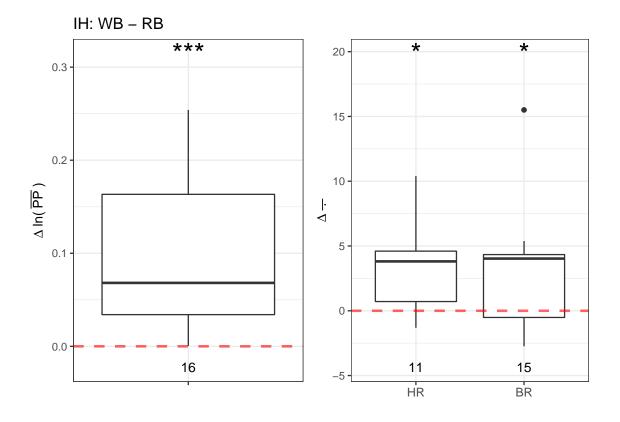
<math>*** = p <= 0.001

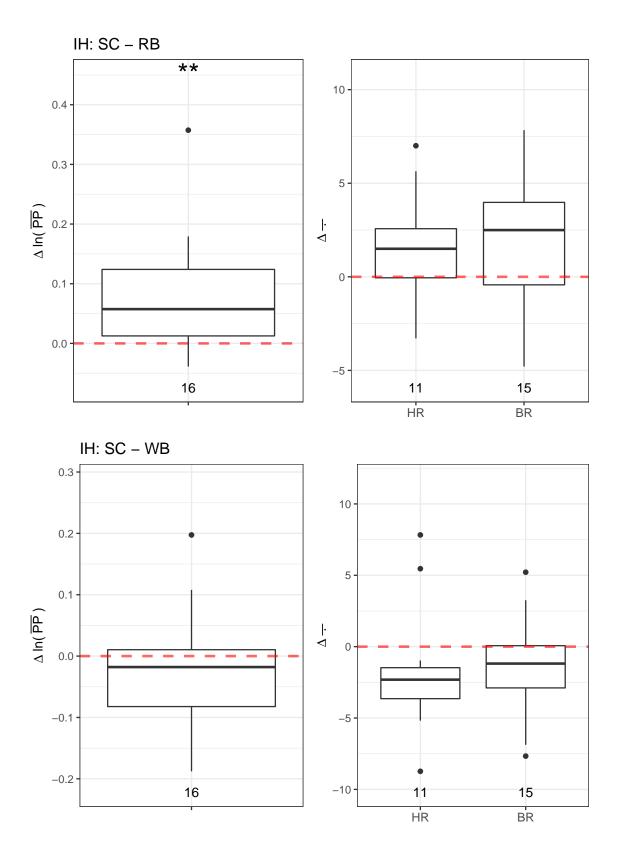
? = Did not run statistical test (n < 7)
```

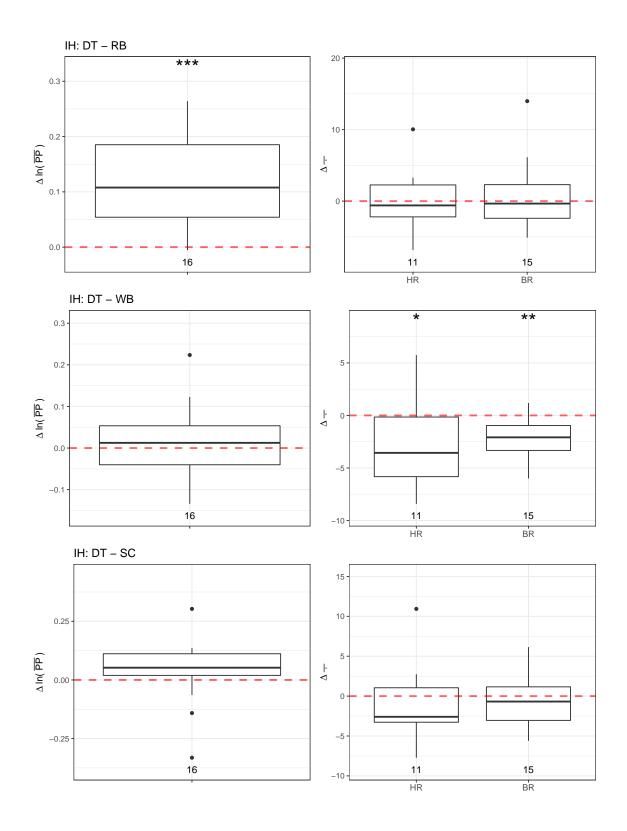
#### Differences in **Reduced Sensor Set**:

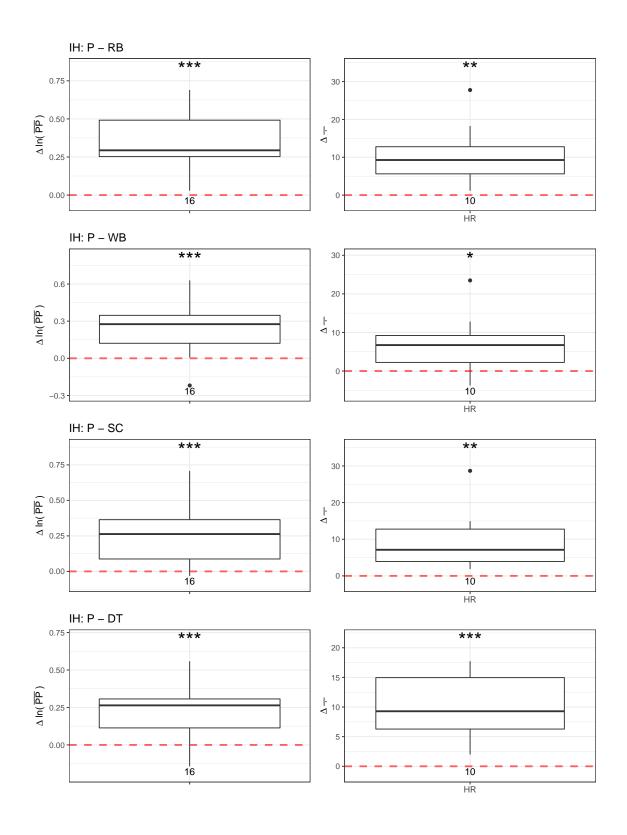
- Signals for D.EDA, N.EDA, D.HR, and N.HR and removed completely.
- Breathing Rate (BR) measurements for the Presentation session are removed completely.
- Easier on the eyes.

Intermittent-High (IH)

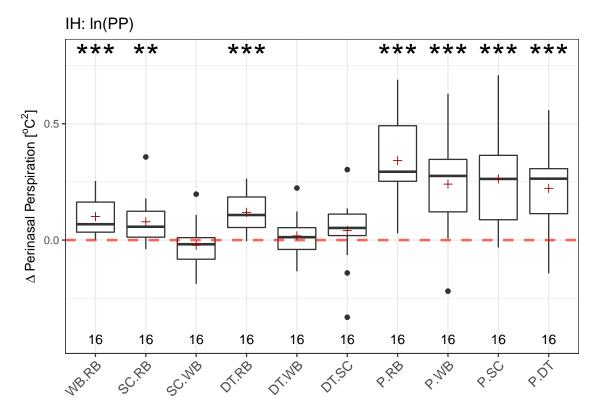






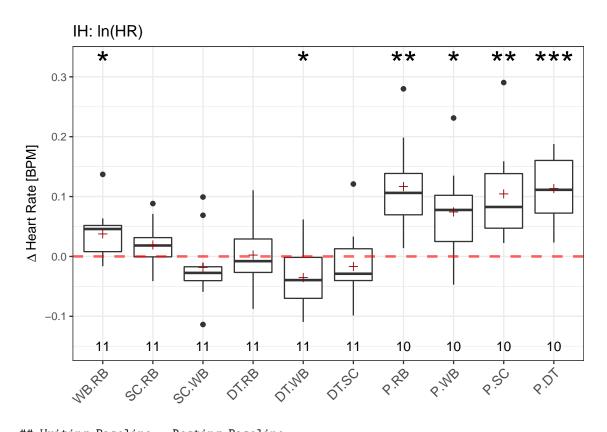


## Sensor Channel across Session



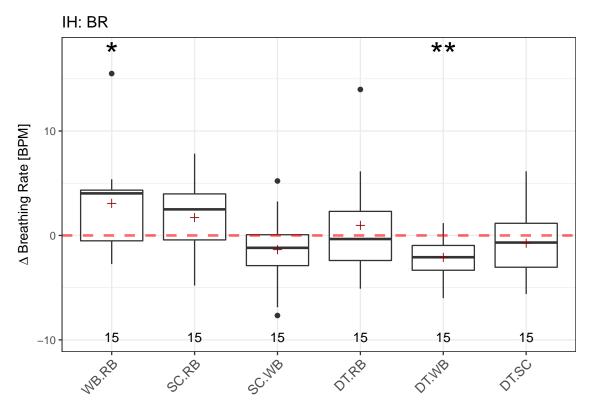
```
## In the following tests, we applied ln(PP).
##
## Writing Baseline - Resting Baseline
## t-test p = 2e-04 < 0.001 ***
## Stress Condition - Resting Baseline
## t-test p = 0.0072 < 0.01 **
## StressCondition - Writing Baseline
## t-test p = 0.3534 > 0.05
##
## Dual Task - Resting Baseline
## t-test p = 0 < 0.001 ***
##
## Dual Task - Writing Baseline
## t-test p = 0.4225 > 0.05
##
## Dual Task - Stress Condition
## t-test p = 0.257 > 0.05
## Presentation - Resting Baseline
## t-test p = 0 < 0.001 ***
##
```

```
## Presentation - Writing Baseline
## t-test p = 3e-04 < 0.001 ***
##
## Presentation - Stress Condition
## t-test p = 1e-04 < 0.001 ***
##
## Presentation - Dual Task
## t-test p = 4e-04 < 0.001 ***</pre>
```



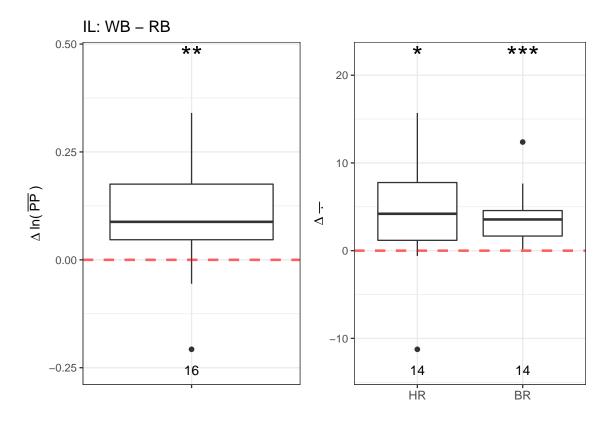
```
## Writing Baseline - Resting Baseline
## Transformed t-test p = 0.0156 < 0.05 *
## Stress Condition - Resting Baseline
## Transformed t-test p = 0.1143 > 0.05
##
## StressCondition - Writing Baseline
## Transformed t-test p = 0.317 > 0.05
## Dual Task - Resting Baseline
## Transformed t-test p = 0.885 > 0.05
## Dual Task - Writing Baseline
## Transformed t-test p = 0.0361 < 0.05 *
##
## Dual Task - Stress Condition
## Transformed t-test p = 0.3857 > 0.05
##
## Presentation - Resting Baseline
## Transformed t-test p = 0.0011 < 0.01 **
## Presentation - Writing Baseline
## Transformed t-test p = 0.0133 < 0.05 *
## Presentation - Stress Condition
```

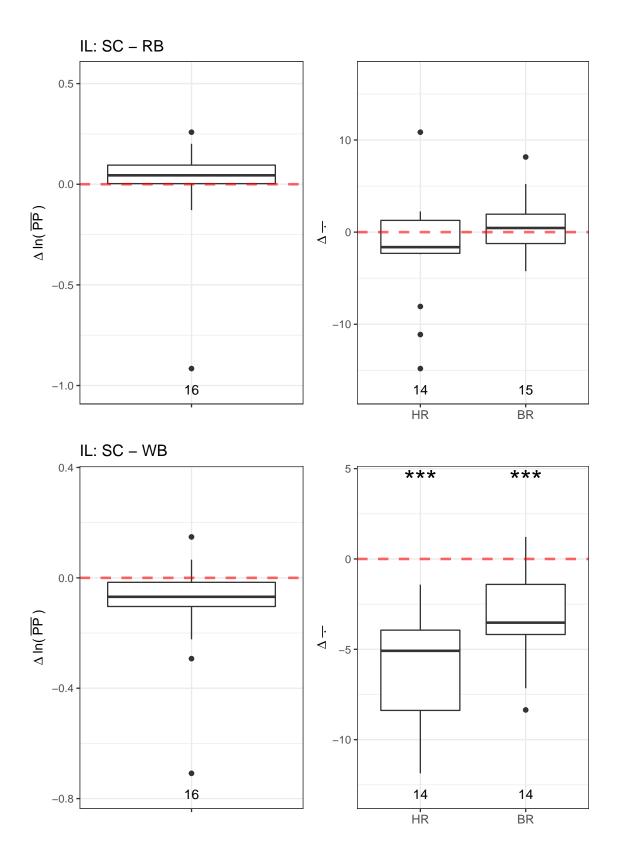
```
## Transformed t-test p = 0.0027 < 0.01 ** ## ## Presentation - Dual Task ## Transformed t-test p = 1e-04 < 0.001 ***
```

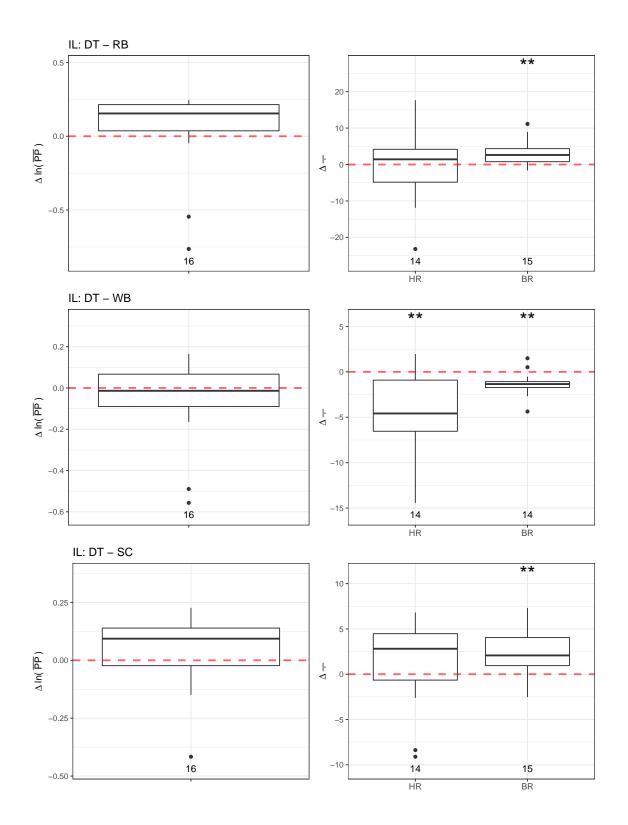


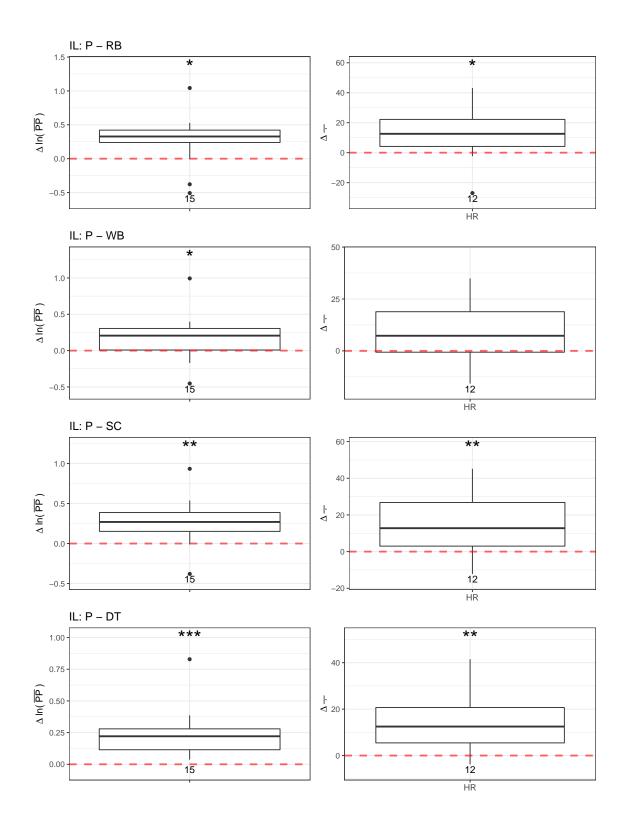
```
## Writing Baseline - Resting Baseline
## t-test p = 0.0184 < 0.05 *
##
## Stress Condition - Resting Baseline
## t-test p = 0.0865 > 0.05
##
## StressCondition - Writing Baseline
## t-test p = 0.1405 > 0.05
##
## Dual Task - Resting Baseline
## t-test p = 0.4484 > 0.05
##
## Dual Task - Writing Baseline
## t-test p = 0.0012 < 0.01 **
##
## Dual Task - Stress Condition
## t-test p = 0.3441 > 0.05
```

Intermittent-Low (IL)

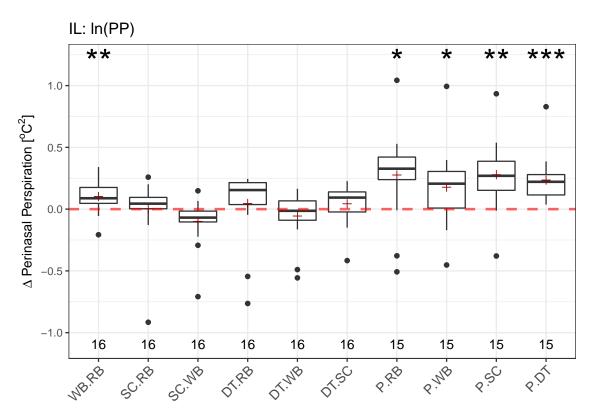






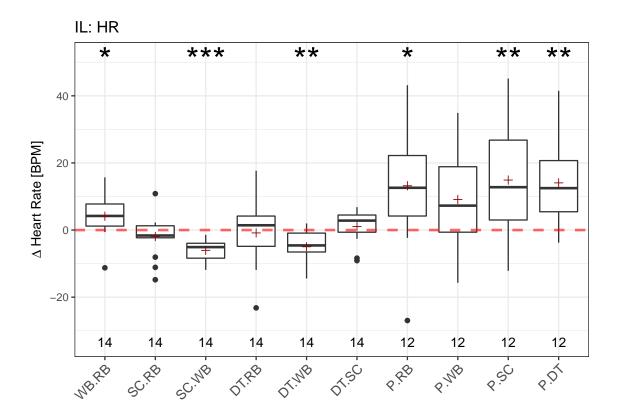


## Sensor Channel across Session



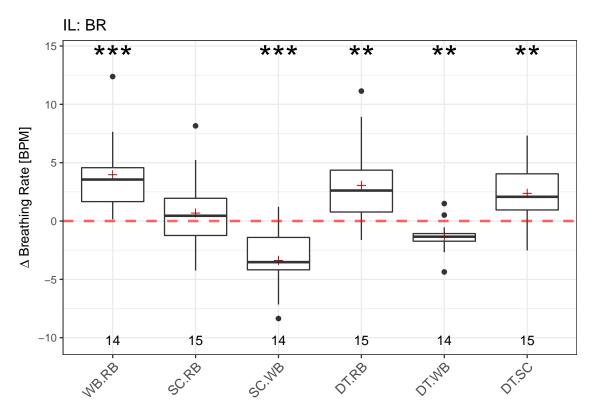
```
## Writing Baseline - Resting Baseline
## t-test p = 0.0081 < 0.01 **
## Stress Condition - Resting Baseline
## t-test p = 0.9677 > 0.05
## StressCondition - Writing Baseline
## t-test p = 0.0589 > 0.05
##
## Dual Task - Resting Baseline
## t-test p = 0.5346 > 0.05
## Dual Task - Writing Baseline
## t-test p = 0.2923 > 0.05
##
## Dual Task - Stress Condition
## t-test p = 0.2891 > 0.05
##
## Presentation - Resting Baseline
## t-test p = 0.0114 < 0.05 *
##
## Presentation - Writing Baseline
## t-test p = 0.0499 < 0.05 *
```

```
##
## Presentation - Stress Condition
## t-test p = 0.002 < 0.01 **
##
## Presentation - Dual Task
## t-test p = 4e-04 < 0.001 ***</pre>
```



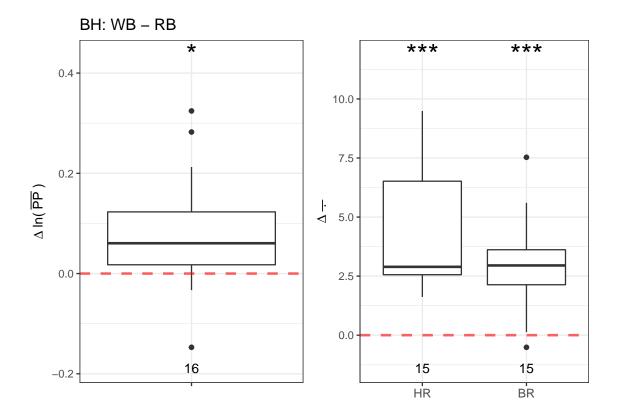
```
## Writing Baseline - Resting Baseline
## t-test p = 0.0296 < 0.05 *
##
## Stress Condition - Resting Baseline
## t-test p = 0.2669 > 0.05
##
## StressCondition - Writing Baseline
## t-test p = 0 < 0.001 ***
## Dual Task - Resting Baseline
## t-test p = 0.7416 > 0.05
## Dual Task - Writing Baseline
## t-test p = 0.0038 < 0.01 **
##
## Dual Task - Stress Condition
## t-test p = 0.4266 > 0.05
##
## Presentation - Resting Baseline
## t-test p = 0.0326 < 0.05 *
## Presentation - Writing Baseline
## t-test p = 0.0531 > 0.05
## Presentation - Stress Condition
```

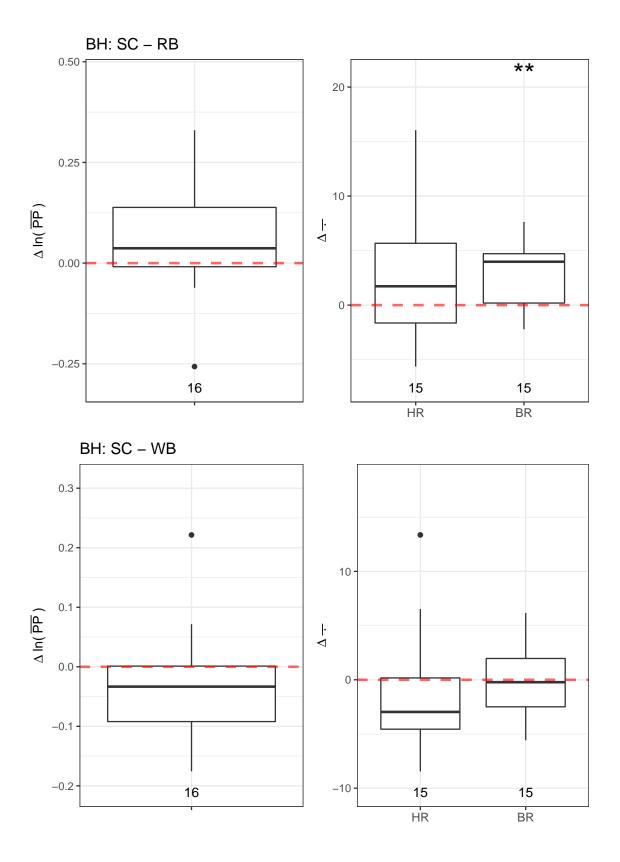
```
## t-test p = 0.0081 < 0.01 **
##
## Presentation - Dual Task
## t-test p = 0.0038 < 0.01 **</pre>
```

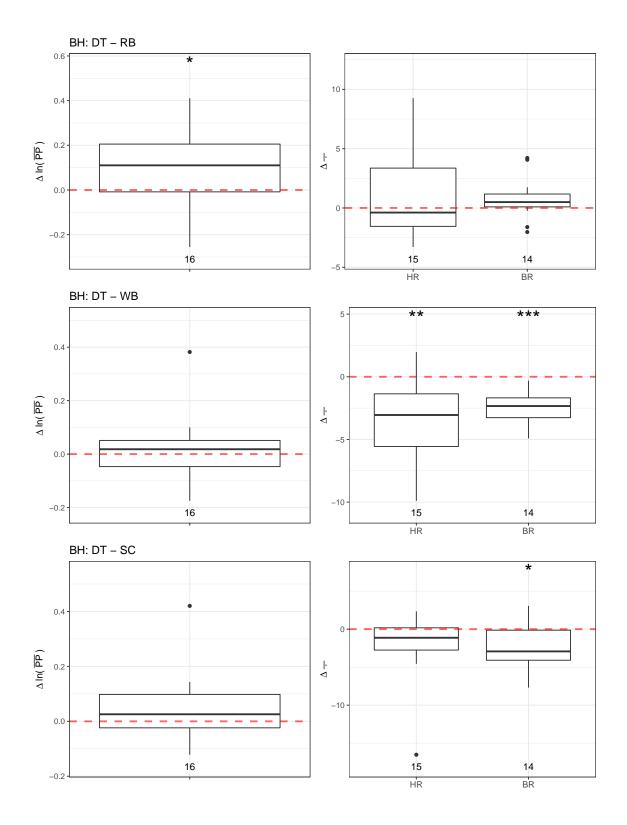


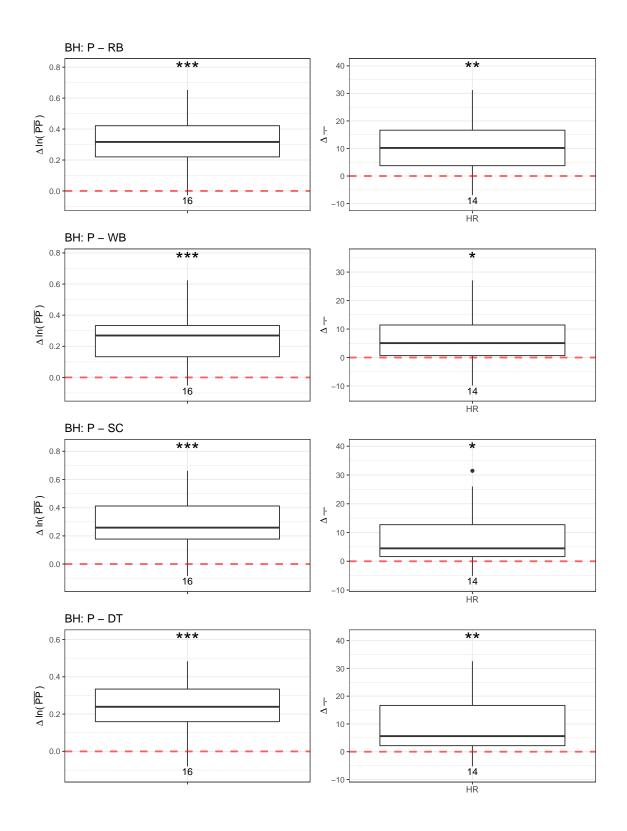
```
## Writing Baseline - Resting Baseline
## t-test p = 5e-04 < 0.001 ***
##
## Stress Condition - Resting Baseline
## t-test p = 0.4283 > 0.05
##
## StressCondition - Writing Baseline
## t-test p = 4e-04 < 0.001 ***
##
## Dual Task - Resting Baseline
## t-test p = 0.0063 < 0.01 **
## Dual Task - Writing Baseline
## t-test p = 0.0029 < 0.01 **
##
## Dual Task - Stress Condition
## t-test p = 0.0065 < 0.01 **
```

Batch-High (BH)

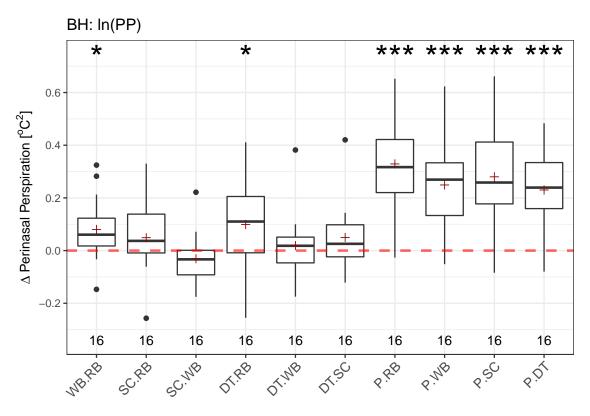






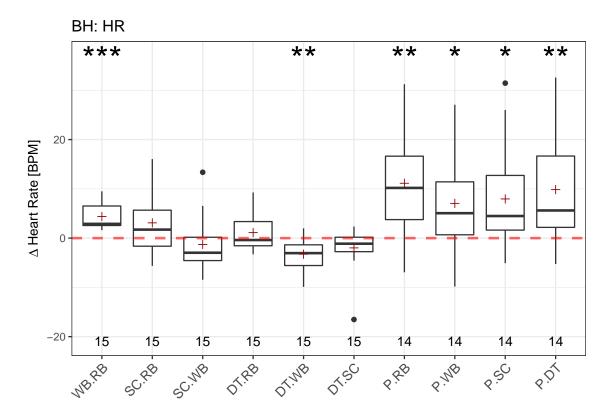


## Sensor Channel across Session



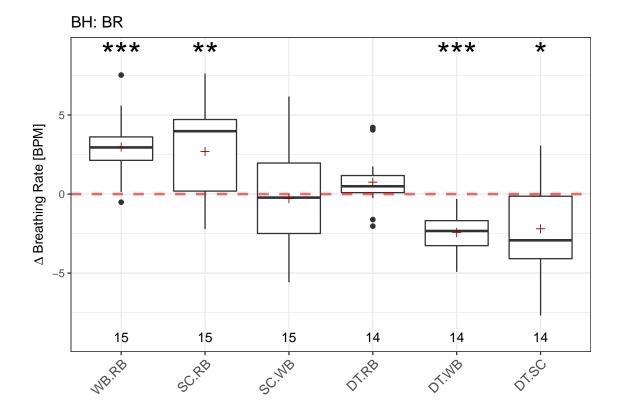
```
## Writing Baseline - Resting Baseline
## t-test p = 0.0173 < 0.05 *
## Stress Condition - Resting Baseline
## t-test p = 0.1505 > 0.05
## StressCondition - Writing Baseline
## t-test p = 0.1982 > 0.05
##
## Dual Task - Resting Baseline
## t-test p = 0.0257 < 0.05 *
## Dual Task - Writing Baseline
## t-test p = 0.5396 > 0.05
##
## Dual Task - Stress Condition
## t-test p = 0.1253 > 0.05
##
## Presentation - Resting Baseline
## t-test p = 0 < 0.001 ***
##
## Presentation - Writing Baseline
## t-test p = 1e-04 < 0.001 ***
```

```
##
## Presentation - Stress Condition
## t-test p = 0 < 0.001 ***
##
## Presentation - Dual Task
## t-test p = 0 < 0.001 ***</pre>
```



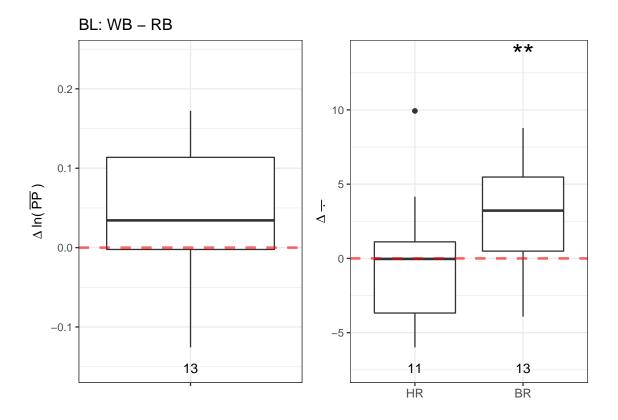
```
## Writing Baseline - Resting Baseline
## t-test p = 0 < 0.001 ***
##
## Stress Condition - Resting Baseline
## t-test p = 0.0677 > 0.05
##
## StressCondition - Writing Baseline
## t-test p = 0.3915 > 0.05
## Dual Task - Resting Baseline
## t-test p = 0.2819 > 0.05
## Dual Task - Writing Baseline
## t-test p = 0.0013 < 0.01 **
##
## Dual Task - Stress Condition
## t-test p = 0.1068 > 0.05
##
## Presentation - Resting Baseline
## t-test p = 0.0048 < 0.01 **
## Presentation - Writing Baseline
## t-test p = 0.0414 < 0.05 *
## Presentation - Stress Condition
```

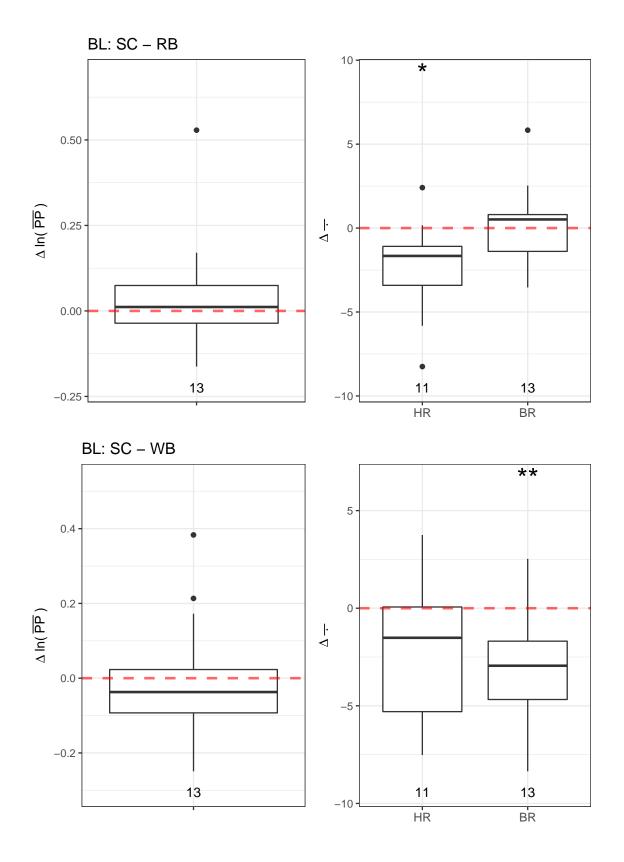
```
## t-test p = 0.0174 < 0.05 *
##
## Presentation - Dual Task
## t-test p = 0.0088 < 0.01 **</pre>
```

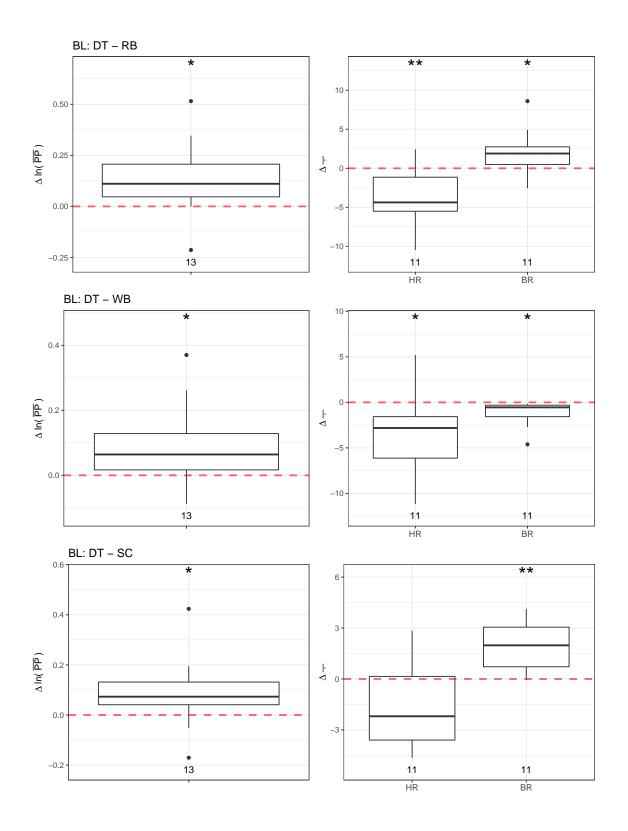


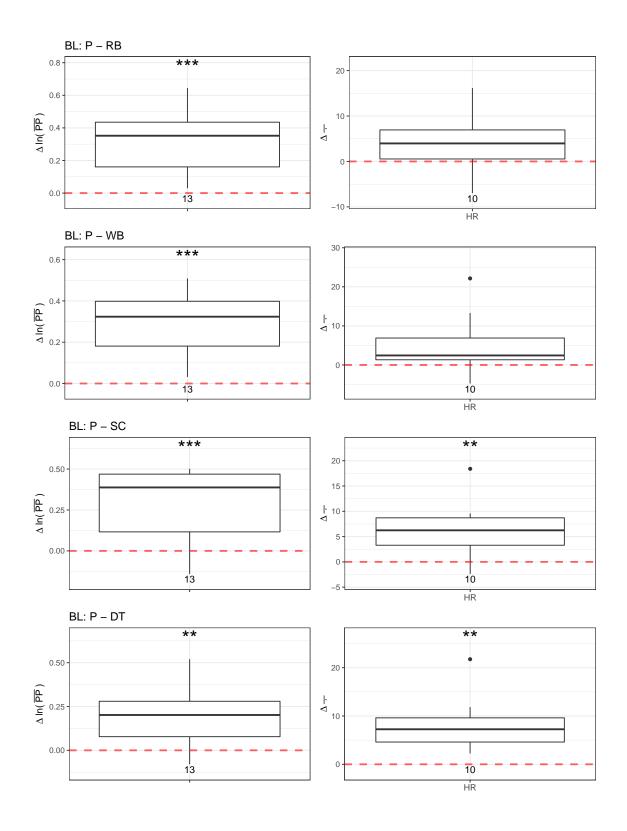
```
## Writing Baseline - Resting Baseline
## t-test p = 0 < 0.001 ***
##
## Stress Condition - Resting Baseline
## t-test p = 0.0061 < 0.01 **
##
## StressCondition - Writing Baseline
## t-test p = 0.7466 > 0.05
##
## Dual Task - Resting Baseline
## t-test p = 0.1299 > 0.05
##
## Dual Task - Writing Baseline
## t-test p = 0 < 0.001 ***
##
## Dual Task - Stress Condition
## t-test p = 0.0223 < 0.05 *</pre>
```

Batch-Low (BL)

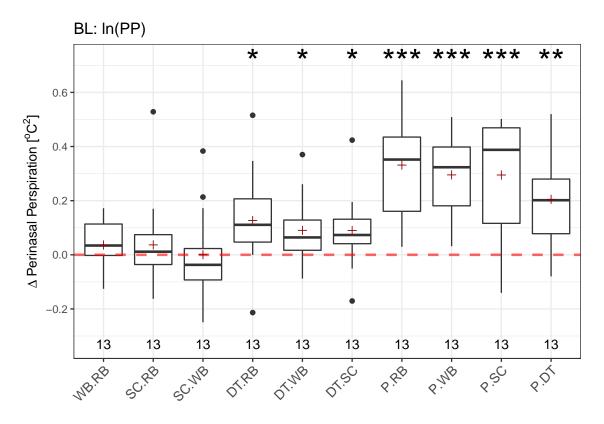






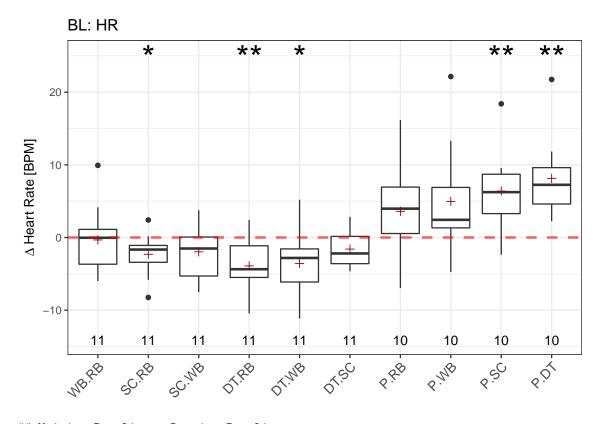


## Sensor Channel across Session



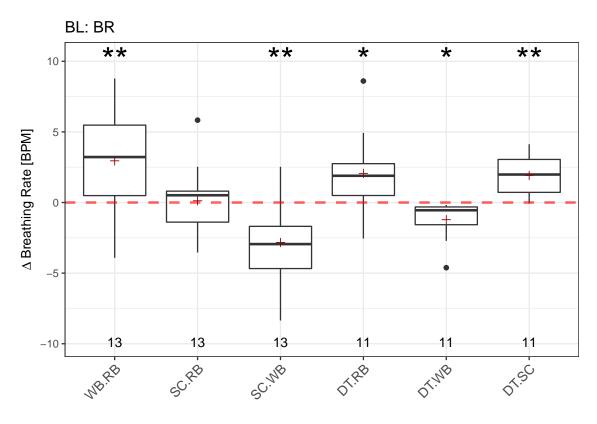
```
## Writing Baseline - Resting Baseline
## t-test p = 0.1764 > 0.05
## Stress Condition - Resting Baseline
## t-test p = 0.4585 > 0.05
## StressCondition - Writing Baseline
## t-test p = 0.9937 > 0.05
##
## Dual Task - Resting Baseline
## t-test p = 0.0241 < 0.05 *
## Dual Task - Writing Baseline
## t-test p = 0.0214 < 0.05 *
## Dual Task - Stress Condition
## t-test p = 0.0418 < 0.05 *
##
## Presentation - Resting Baseline
## t-test p = 1e-04 < 0.001 ***
##
## Presentation - Writing Baseline
## t-test p = 0 < 0.001 ***
```

```
##
## Presentation - Stress Condition
## t-test p = 3e-04 < 0.001 ***
##
## Presentation - Dual Task
## t-test p = 0.0012 < 0.01 **</pre>
```



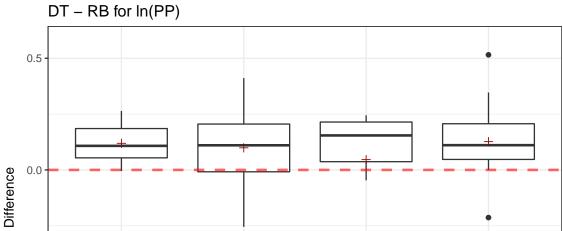
```
## Writing Baseline - Resting Baseline
## t-test p = 0.8134 > 0.05
##
## Stress Condition - Resting Baseline
## t-test p = 0.0258 < 0.05 *
##
## StressCondition - Writing Baseline
## t-test p = 0.1201 > 0.05
## Dual Task - Resting Baseline
## t-test p = 0.0079 < 0.01 **
## Dual Task - Writing Baseline
## t-test p = 0.0261 < 0.05 *
##
## Dual Task - Stress Condition
## t-test p = 0.065 > 0.05
##
## Presentation - Resting Baseline
## t-test p = 0.1136 > 0.05
## Presentation - Writing Baseline
## t-test p = 0.0762 > 0.05
## Presentation - Stress Condition
```

```
## t-test p = 0.0055 < 0.01 **
##
## Presentation - Dual Task
## t-test p = 0.0014 < 0.01 **</pre>
```



```
## Writing Baseline - Resting Baseline
## t-test p = 0.0089 < 0.01 **
##
## Stress Condition - Resting Baseline
## t-test p = 0.8576 > 0.05
##
## StressCondition - Writing Baseline
## t-test p = 0.0024 < 0.01 **
##
## Dual Task - Resting Baseline
## t-test p = 0.0411 < 0.05 *
##
## Dual Task - Writing Baseline
## t-test p = 0.0151 < 0.05 *
##
## Dual Task - Stress Condition
## t-test p = 0.0015 < 0.01 **</pre>
```

Across Sessions



```
##
               Df Sum Sq Mean Sq F value Pr(>F)
               3 0.0609 0.02028
## Condition
                                   0.546 0.653
               57 2.1181 0.03716
## Residuals
##
##
##
##
       Tukey multiple comparisons of means
##
       95% family-wise confidence level
## Fit: aov(formula = formula(paste(diff, "~ Condition")), data = anova_df)
##
## $Condition
##
                 diff
                             lwr
                                       upr
                                               p adj
## BL-BH 0.027654745 -0.1628367 0.2181462 0.9805230
## IH-BH 0.020311813 -0.1600577 0.2006813 0.9906985
## IL-BH -0.052877931 -0.2332474 0.1274916 0.8650466
## IH-BL -0.007342932 -0.1978343 0.1831485 0.9996153
## IL-BL -0.080532676 -0.2710241 0.1099587 0.6795273
## IL-IH -0.073189744 -0.2535592 0.1071797 0.7067087
```

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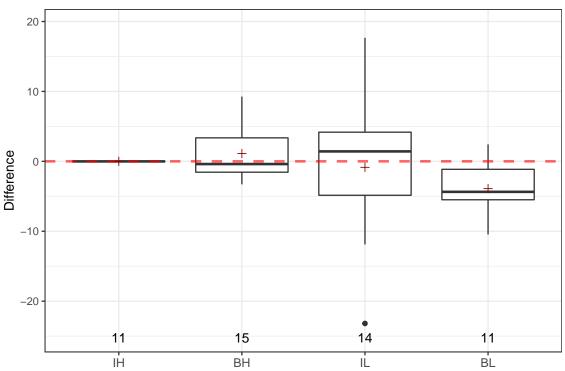
ВL

-0.5

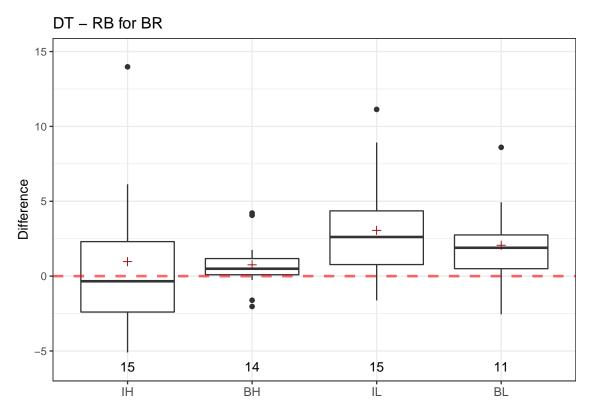
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#### DT - RB for HR

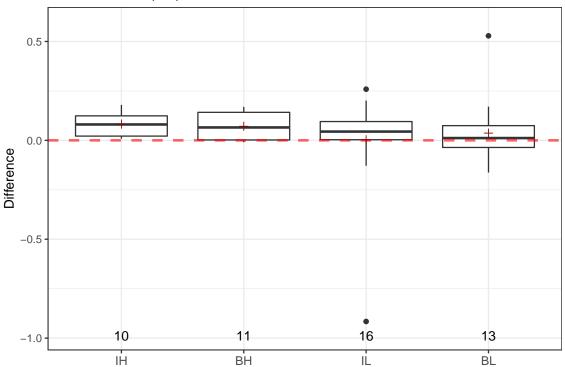


```
##
              Df Sum Sq Mean Sq F value Pr(>F)
## Condition
               3 168.1
                           56.03
                                  1.705 0.179
## Residuals
               47 1544.6
                           32.86
##
## ---
##
      Tukey multiple comparisons of means
##
##
       95% family-wise confidence level
## Fit: aov(formula = formula(paste(diff, "~ Condition")), data = anova_df)
##
## $Condition
##
               diff
                           lwr
                                     upr
                                             p adj
## BL-BH -5.0205710 -11.081544
                               1.040402 0.1364377
## IH-BH -1.1130302 -7.174003
                               4.947942 0.9611485
## IL-BH -1.9740785 -7.648048 3.699891 0.7907532
## IH-BL 3.9075408 -2.602988 10.418070 0.3893134
## IL-BL 3.0464925 -3.105379 9.198364 0.5557307
## IL-IH -0.8610483 -7.012920 5.290823 0.9821104
```



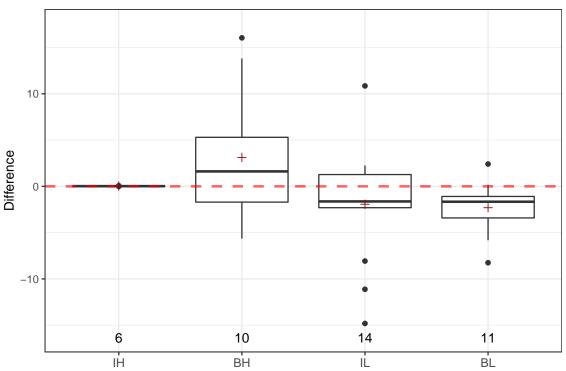
```
##
               Df Sum Sq Mean Sq F value Pr(>F)
## Condition
                3
                    49.7
                           16.58
                                   1.326 0.276
## Residuals
               51 638.0
                           12.51
##
## ---
##
##
       Tukey multiple comparisons of means
##
       95% family-wise confidence level
## Fit: aov(formula = formula(paste(diff, "~ Condition")), data = anova_df)
##
## $Condition
##
               diff
                          lwr
                                   upr
                                           p adj
## BL-BH 1.3099094 -2.474716 5.094535 0.7947120
## IH-BH 0.2115210 -3.279099 3.702141 0.9984965
## IL-BH 2.3041802 -1.186440 5.794801 0.3076323
## IH-BL -1.0983884 -4.827093 2.630316 0.8621108
## IL-BL 0.9942709 -2.734434 4.722975 0.8933978
## IL-IH 2.0926593 -1.337250 5.522569 0.3765246
```

# SC - RB for In(PP)



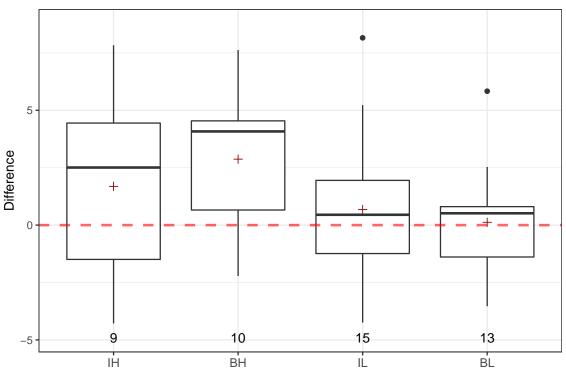
```
## [1] "Removed 12 subjects who had Stroop scores less than 30."
##
##
##
                 Df Sum Sq Mean Sq F value Pr(>F)
## Condition
                3 0.0506 0.01688
                                   0.533 0.662
  Residuals
               46 1.4564 0.03166
##
##
##
       Tukey multiple comparisons of means
##
       95% family-wise confidence level
##
## Fit: aov(formula = formula(paste(diff, "~ Condition")), data = anova_df)
##
## $Condition
##
                diff
                            lwr
                                      upr
## BL-BH -0.03449372 -0.2287965 0.1598090 0.9645991
## IH-BH 0.01111613 -0.1961148 0.2183471 0.9989418
## IL-BH -0.06845539 -0.2542216 0.1173109 0.7601926
## IH-BL 0.04560985 -0.1538858 0.2451056 0.9285801
## IL-BL -0.03396166 -0.2110576 0.1431343 0.9560203
## IL-IH -0.07957152 -0.2707628 0.1116197 0.6856690
```

#### SC - RB for HR

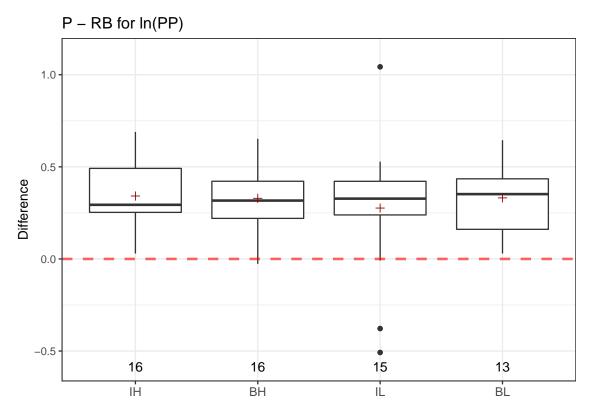


```
## [1] "Removed 12 subjects who had Stroop scores less than 30."
##
##
##
                Df Sum Sq Mean Sq F value Pr(>F)
                                  2.369 0.0863 .
## Condition
                           66.03
               3 198.1
              37 1031.4
                           27.88
## Residuals
## Signif. codes: 0 '***' 0.001 '**' 0.05 '.' 0.1 ' ' 1
##
## ---
##
##
      Tukey multiple comparisons of means
##
       95% family-wise confidence level
## Fit: aov(formula = formula(paste(diff, "~ Condition")), data = anova_df)
##
## $Condition
##
               diff
                           lwr
                                     upr
## BL-BH -5.4399649 -11.644908 0.7649782 0.1033633
## IH-BH -3.1030319 -10.436491 4.2304271 0.6686862
## IL-BH -5.0598501 -10.939698 0.8199980 0.1130352
## IH-BL 2.3369330 -4.870440 9.5443060 0.8191477
## IL-BL 0.3801148 -5.341705 6.1019342 0.9979364
## IL-IH -1.9568182 -8.886286 4.9726493 0.8719810
```

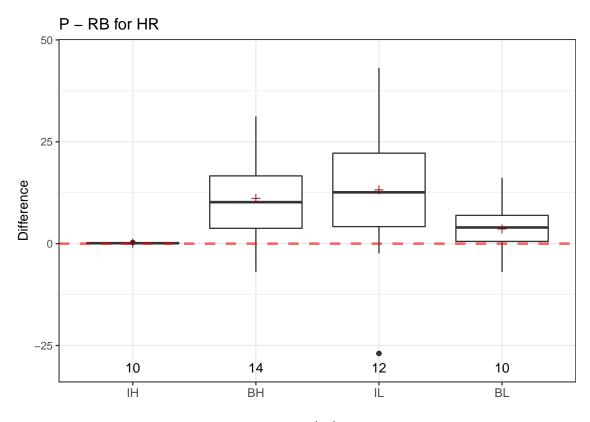
#### SC - RB for BR



```
## [1] "Removed 12 subjects who had Stroop scores less than 30."
##
##
##
                 Df Sum Sq Mean Sq F value Pr(>F)
## Condition
                                    1.65 0.192
                3
                    49.2 16.410
## Residuals
               43 427.5
                           9.943
##
##
##
       Tukey multiple comparisons of means
##
       95% family-wise confidence level
##
## Fit: aov(formula = formula(paste(diff, "~ Condition")), data = anova_df)
##
## $Condition
##
               diff
                          lwr
                                    upr
                                            p adj
## BL-BH -2.7501984 -6.294625 0.7942286 0.1780584
## IH-BH -1.1846675 -5.056436 2.6871006 0.8457771
## IL-BH -2.1906250 -5.630781 1.2495312 0.3353011
## IH-BL 1.5655309 -2.088500 5.2195617 0.6641112
## IL-BL 0.5595734 -2.633549 3.7526953 0.9655936
## IL-IH -1.0059575 -4.558936 2.5470206 0.8733195
```



```
##
               Df Sum Sq Mean Sq F value Pr(>F)
## Condition
               3 0.039 0.01307
                                   0.203 0.894
               56 3.598 0.06426
## Residuals
##
##
##
##
       Tukey multiple comparisons of means
##
       95% family-wise confidence level
## Fit: aov(formula = formula(paste(diff, "~ Condition")), data = anova_df)
##
## $Condition
##
                 diff
                             lwr
                                       upr
                                               p adj
## BL-BH 0.002415346 -0.2482108 0.2530415 0.9999940
## IH-BH 0.012621504 -0.2246874 0.2499304 0.9989913
## IL-BH -0.052784275 -0.2940159 0.1884474 0.9378654
## IH-BL 0.010206158 -0.2404200 0.2608323 0.9995458
## IL-BL -0.055199621 -0.3095432 0.1991439 0.9392463
## IL-IH -0.065405779 -0.3066374 0.1758259 0.8895576
```



```
##
              Df Sum Sq Mean Sq F value Pr(>F)
## Condition
               3
                   1270
                          423.4
                                   2.87 0.0476 *
                   6196
                          147.5
## Residuals
              42
## ---
## Signif. codes: 0 '***' 0.001 '**' 0.05 '.' 0.1 ' ' 1
##
## ---
##
##
      Tukey multiple comparisons of means
      95% family-wise confidence level
##
## Fit: aov(formula = formula(paste(diff, "~ Condition")), data = anova_df)
##
## $Condition
##
              diff
                           lwr
                                     upr
                                             p adj
## BL-BH -7.528592 -20.9809638 5.923781 0.4483057
## IH-BH -11.016346 -24.4687186
                                2.436026 0.1425197
## IL-BH 2.063625 -10.7180949 14.845346 0.9726602
## IH-BL -3.487755 -18.0179776 11.042468 0.9177087
## IL-BL 9.592217 -4.3194123 23.503846 0.2674849
## IL-IH 13.079972 -0.8316575 26.991601 0.0720480
```

# Summary

Condition	Difference	Measure	р	Test	n	Significance
BH	WB - RB	PP	0.0173080	t-test	16	*
ВН	WB - RB	HR	0.0000221	t-test	15	***
ВН	WB - RB	BR	0.0000456	t-test	15	***
BH	SC - RB	PP	0.1505156	t-test	16	
BH	SC - RB	HR	0.0676868	t-test	15	
ВН	SC - RB	BR	0.0060548	t-test	15	**
ВН	SC - WB	PP	0.1982421	t-test	16	
ВН	SC - WB	HR	0.3915336	t-test	15	
BH	SC - WB	BR	0.7466036	t-test	15	
ВН	DT - RB	PP	0.0257406	t-test	16	*
BH	DT - RB	HR	0.2818579	t-test	15	
ВН	DT - RB	BR	0.1299423	t-test	14	
BH	DT - WB	PP	0.5396050	t-test	16	
BH	DT - WB	HR	0.0012903	t-test	15	**
BH	DT - WB	BR	0.0000039	t-test	14	***
BH	DT - SC	PP	0.1253277	t-test	16	
BH	DT - SC	HR	0.1067941	t-test	15	
BH	DT - SC	BR	0.0223007	t-test	14	*
BH	P - RB	PP	0.0000065	t-test	16	***
BH	P - RB	HR	0.0048470	t-test	14	**
BH	P - WB	PP	0.0000833	t-test	16	***
BH	P - WB	HR	0.0414463	t-test	14	*
BH	P - SC	PP	0.0000467	t-test	16	***
BH	P - SC	HR	0.0173810	t-test	14	*
BH	P - DT	PP	0.0000138	t-test	16	***
BH	P - DT	HR	0.0088212	t-test	14	**
BL	WB - RB	PP	0.1763941	t-test	13	
BL	WB - RB	HR	0.8133664	t-test	11	
BL	WB - RB	BR	0.0088800	t-test	13	**
BL	SC - RB	PP	0.4585047	t-test	13	
BL	SC - RB	HR	0.0257760	t-test	11	*
BL	SC - RB	BR	0.8576035	t-test	13	
BL	SC - WB	PP	0.9936892	t-test	13	
BL	SC - WB	HR	0.1201215	t-test	11	
BL	SC - WB	BR	0.0024067	t-test	13	**
BL	DT - RB	PP	0.0241232	t-test	13	*
BL	DT - RB	HR	0.0078735	t-test	11	**
BL	DT - RB	BR	0.0410673	t-test	11	*
BL	DT - WB	PP	0.0213562	t-test	13	*
BL	DT - WB	HR	0.0261257	t-test	11	*
BL	DT - WB	BR	0.0151163	t-test	11	*
BL	DT - SC	PP	0.0417586	t-test	13	*
BL	DT - SC	HR	0.0650008	t-test	11	
BL	DT - SC	BR	0.0014521	t-test	11	**
BL	P - RB	PP	0.0000579	t-test	13	***
			2.000000	. ,		

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$\underline{(continued)}$						
Condition	Difference	Measure	p	Test	n	Significance
BL	P - RB	HR	0.1136199	t-test	10	
BL	P - WB	PP	0.0000237	t-test	13	***
BL	P - WB	HR	0.0762259	t-test	10	
BL	P - SC	PP	0.0003285	t-test	13	***
BL	P - SC	HR	0.0055325	t-test	10	**
BL	P - DT	PP	0.0011690	t-test	13	**
BL	P - DT	HR	0.0014189	t-test	10	**
IH	WB - RB	PP	0.0002132	t-test	16	***
IH	WB - RB	HR	0.0156014	Transformed t-test	11	*
IH	WB - RB	BR	0.0184463	t-test	15	*
IH	SC - RB	PP	0.0072317	t-test	16	**
IH	SC - RB	HR	0.1143439	Transformed t-test	11	
IH	SC - RB	BR	0.0864944	t-test	15	
TH	SC - WB	PP	0.3534362	t-test	16	
IH	SC - WB	HR	0.3169827	Transformed t-test	11	
IH	SC - WB	BR	0.1404898	t-test	15	
IH	DT - RB	PP	0.0000331	t-test	16	***
IH	DT - RB	HR	0.8850103	Transformed t-test	11	
IH	DT - RB	BR	0.4484333	t-test	15	
IH	DT - WB	PP	0.4225392	t-test	16	
IH	DT - WB	HR	0.0361008	Transformed t-test	11	*
IH	DT - WB	BR	0.0012299	t-test	15	**
IH	DT - SC	PP	0.2570218	t-test	16	
IH	DT - SC	HR	0.3856627	Transformed t-test	11	
IH	DT - SC	BR	0.3441009	t-test	15	
IH	P - RB	PP	0.0000107	t-test	16	***
IH	P - RB	HR	0.0011076	Transformed t-test	10	**
IH	P - WB	PP	0.0002569	t-test	16	***
IH	P - WB	HR	0.0132975	Transformed t-test	10	*
IH	P - SC	PP	0.0001499	t-test	16	***
IH	P - SC	HR	0.0027481	Transformed t-test	10	**
IH	P - DT	PP	0.0003933	t-test	16	***
IH	P - DT	HR	0.000933	Transformed t-test	10	***
IL	WB - RB	PP	0.0081275	t-test	16	**
IL	WB - RB	HR		t-test	14	*
IL	WB - RB	BR	0.0005134	t-test	14	***
IL	SC - RB	PP	0.9676786	t-test	16	
IL	SC - RB	HR	0.9676786	t-test	14	
IL	SC - RB	BR	0.2009373	t-test	15	
	SC - NB	PP		t-test t-test		
IL IL	SC - WB	HR	0.0588774		16 14	***
	SC - WB		0.0000048	t-test		***
IL		BR	0.0004184	t-test	14	
IL	DT - RB	PP	0.5346038	t-test	16	
IL	DT - RB	HR	0.7416151	t-test	14	**
IL	DT - RB	BR	0.0063324	t-test	15	al ab
IL	DT - WB	PP	0.2922834	t-test	16	**
IL	DT - WB	HR	0.0037787	t-test	14	ጥጥ

## (continued)

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Condition	Difference	Measure	р	Test	n	Significance
IL	DT - WB	BR	0.0028507	t-test	14	**
IL	DT - SC	PP	0.2890821	t-test	16	
IL	DT - SC	HR	0.4266015	t-test	14	
IL	DT - SC	BR	0.0064712	t-test	15	**
IL	P - RB	PP	0.0113585	t-test	15	*
IL	P - RB	HR	0.0326350	t-test	12	*
IL	P - WB	PP	0.0499145	t-test	15	*
IL	P - WB	HR	0.0531180	t-test	12	
IL	P - SC	PP	0.0020385	t-test	15	**
IL	P - SC	HR	0.0080668	t-test	12	**
IL	P - DT	PP	0.0003956	t-test	15	***
IL	P - DT	HR	0.0038321	t-test	12	**