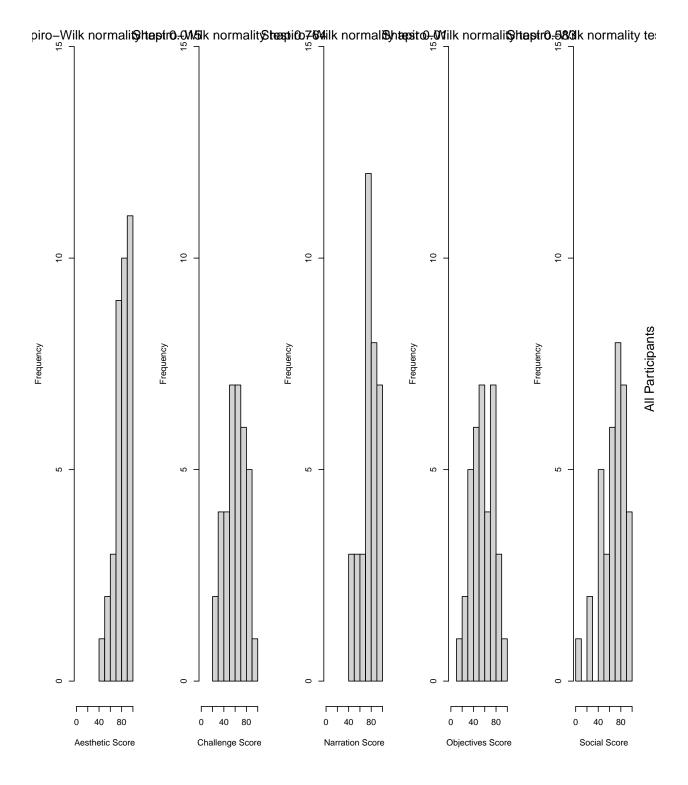
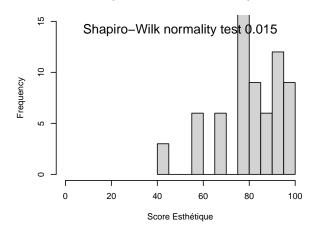
PFE : Analyse des données questionnaire

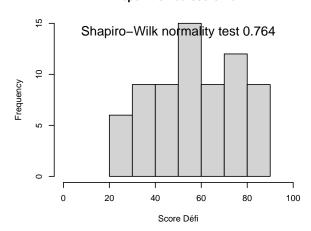
```
##
## Attachement du package : 'dplyr'
## Les objets suivants sont masqués depuis 'package:stats':
##
##
       filter, lag
## Les objets suivants sont masqués depuis 'package:base':
##
       intersect, setdiff, setequal, union
##
## Attachement du package : 'data.table'
## Les objets suivants sont masqués depuis 'package:dplyr':
##
       between, first, last
## Warning: le package 'ggpubr' a été compilé avec la version R 4.1.2
##
## Attachement du package : 'plspm'
## L'objet suivant est masqué depuis 'package:ggplot2':
##
##
       alpha
## corrplot 0.90 loaded
```



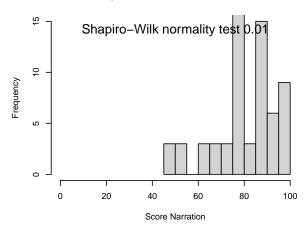
Répartition du score Esthétique



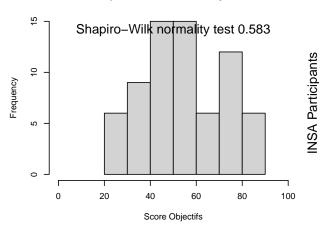
Répartition du score Défi



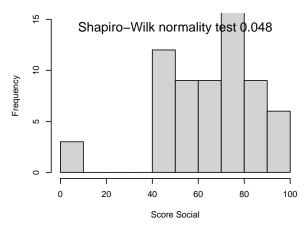
Répartition du score Narration



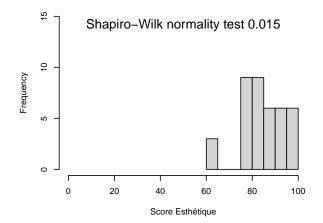
Répartition du score Objectifs



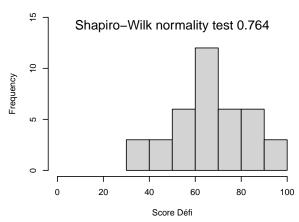
Répartition du score Social



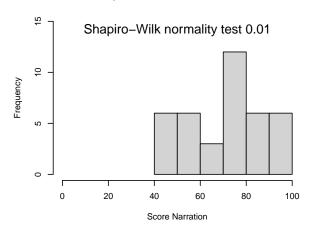
Répartition du score Esthétique



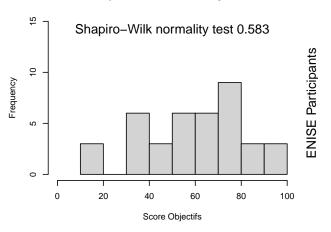
Répartition du score Défi



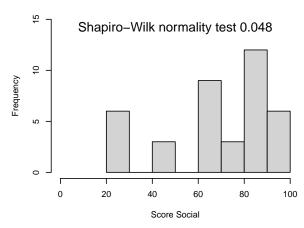
Répartition du score Narration



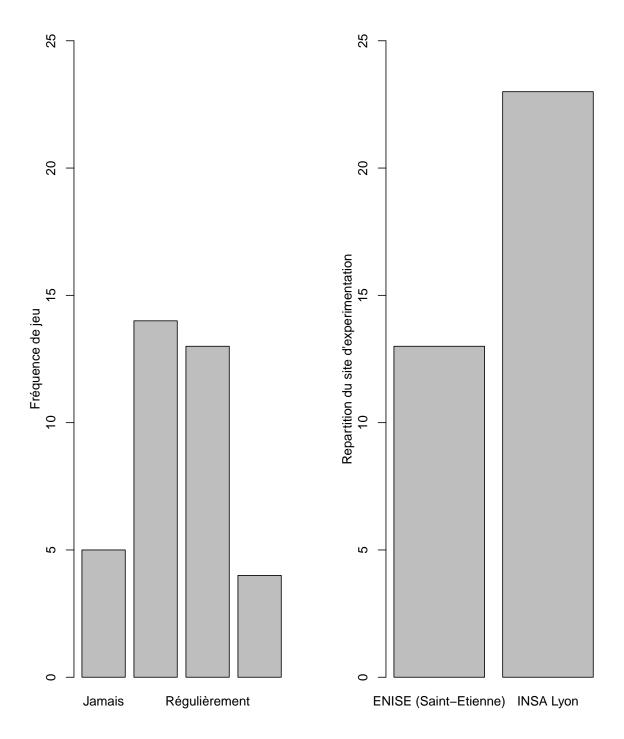
Répartition du score Objectifs

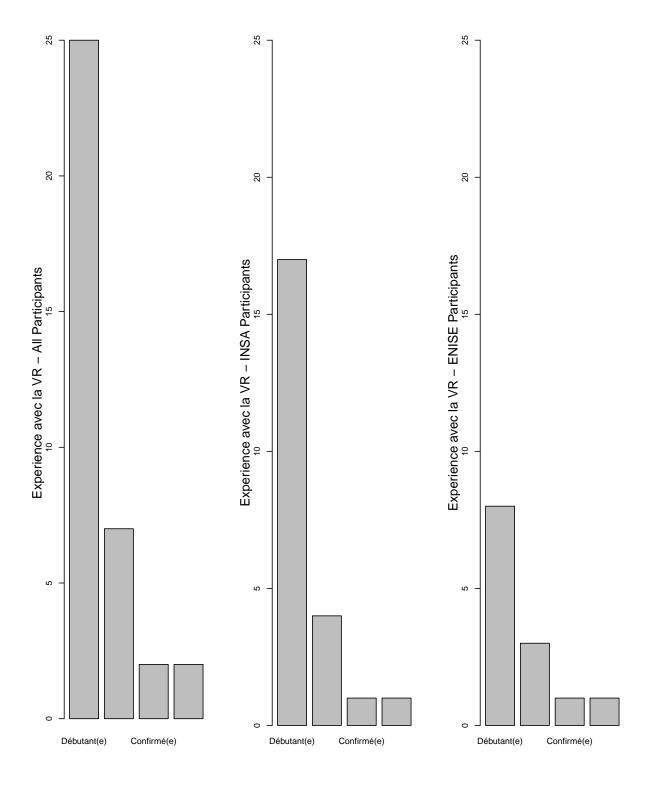


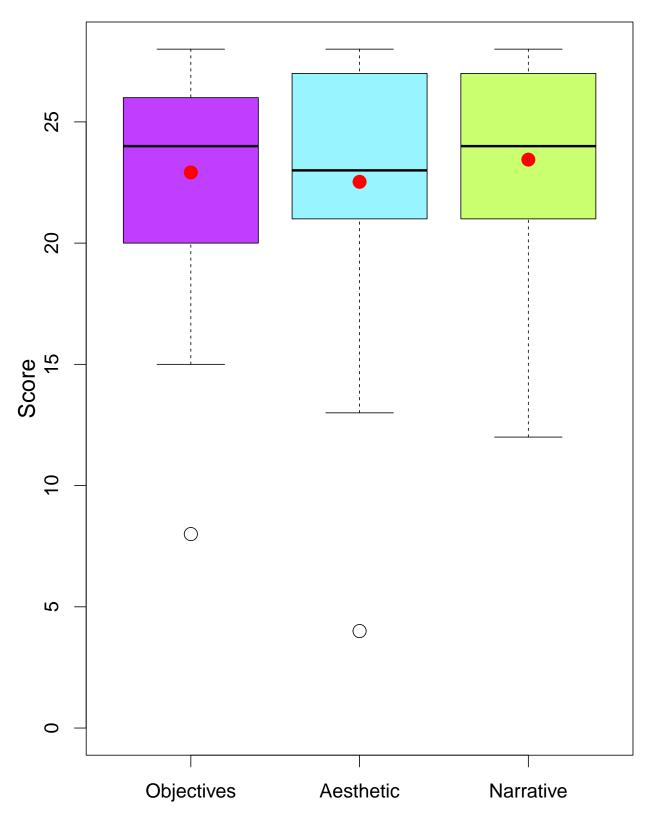
Répartition du score Social



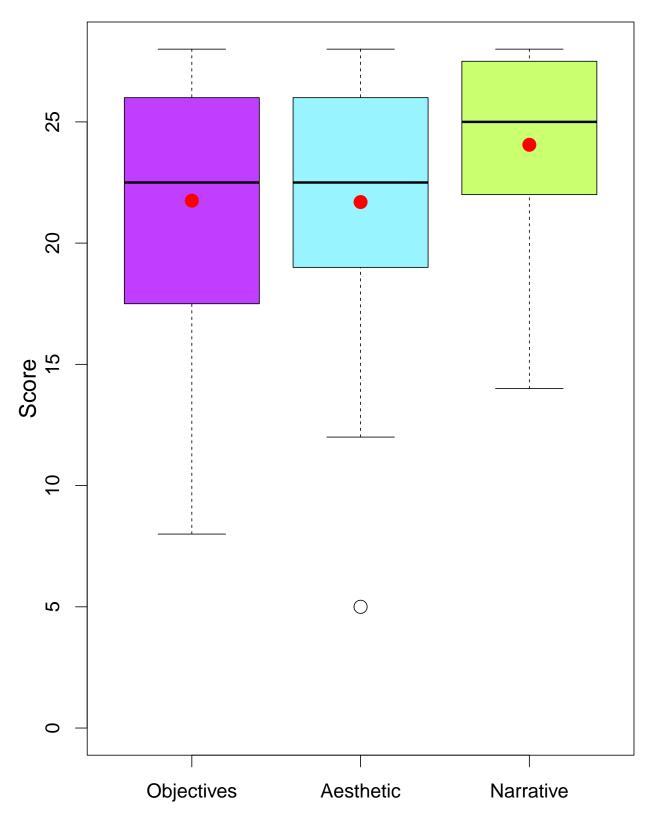
##		Aesthetic	Challenge	Narrative	Objectives	Social
##	Aesthetic	1.0000000	0.23222201	0.3517881	0.1063648	0.40066883
##	Challenge	0.2322220	1.00000000	0.2154815	0.3649836	0.07103148
##	Narrativo	0 3517881	0 215/21/5	1 0000000	0 2517734	0 28886642



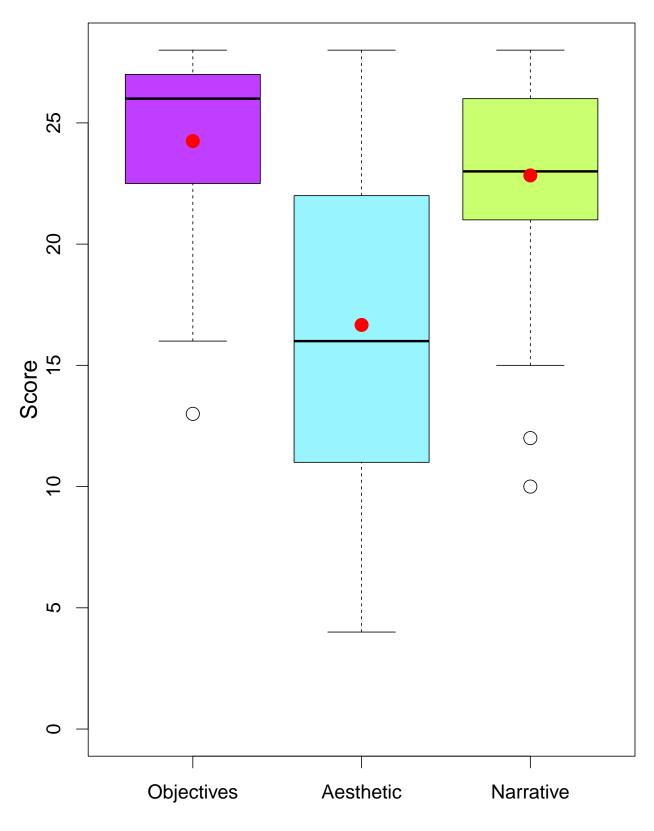




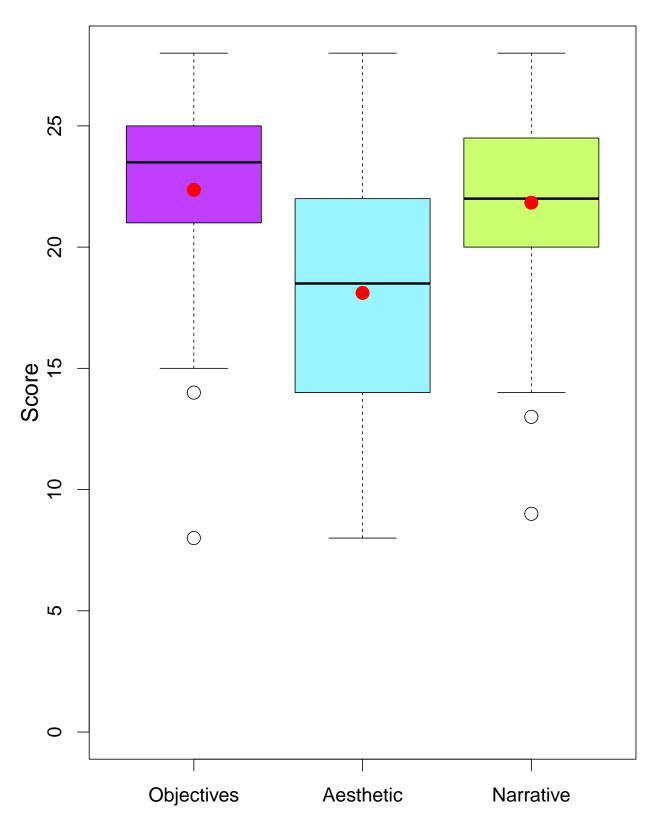
Objectives Aesthetic Narrative ## 22.91667 22.52778 23.44444



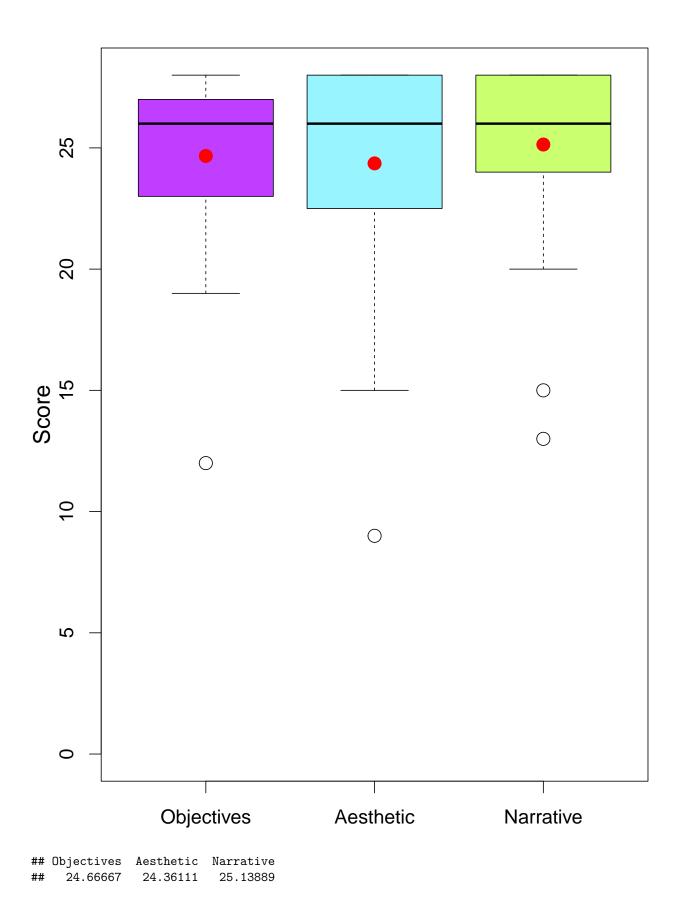
Objectives Aesthetic Narrative ## 21.75000 21.69444 24.05556

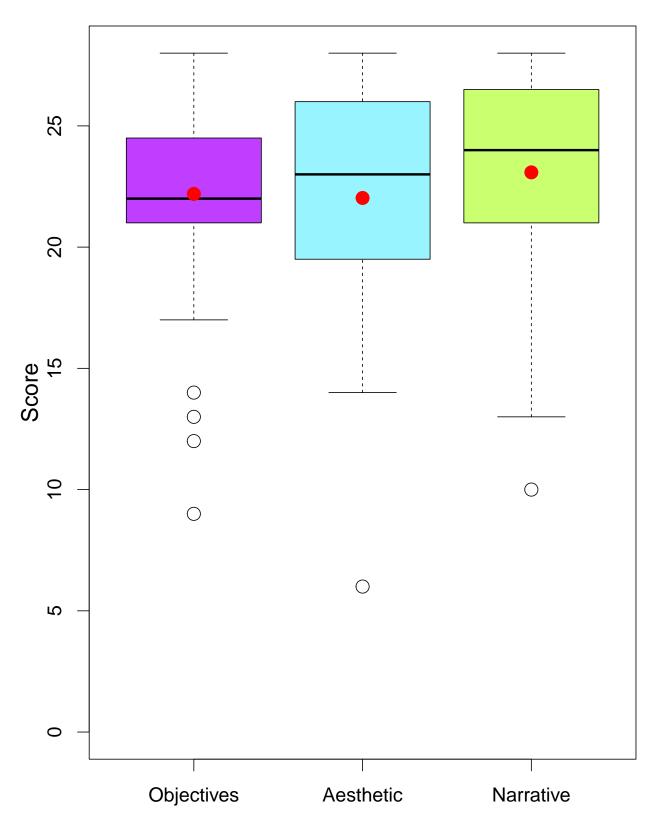


Objectives Aesthetic Narrative ## 24.25000 16.66667 22.83333

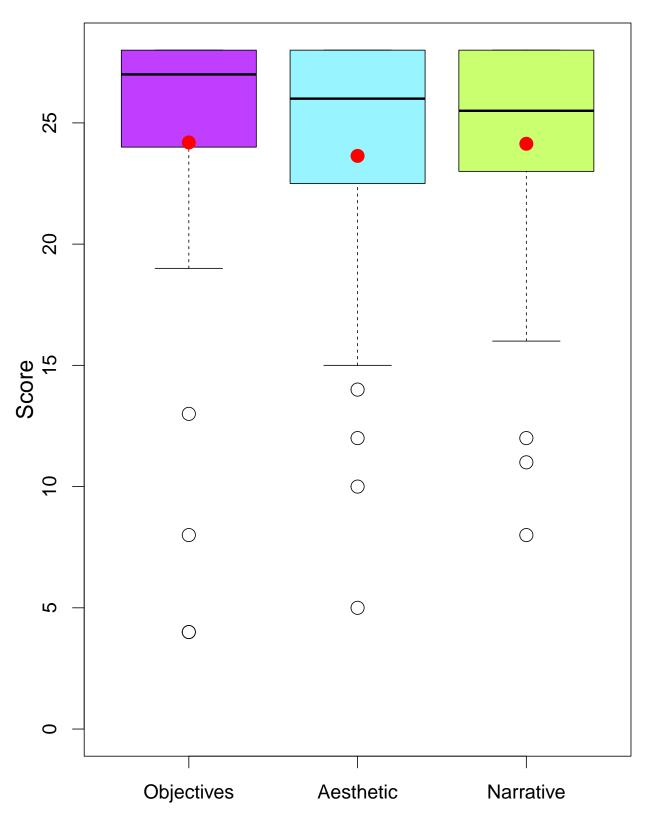


Objectives Aesthetic Narrative ## 22.36111 18.11111 21.83333

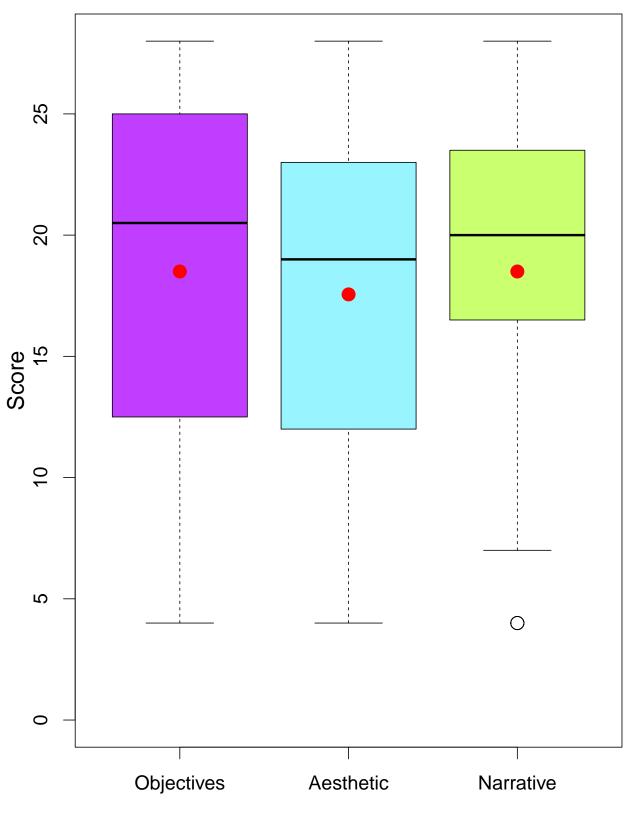




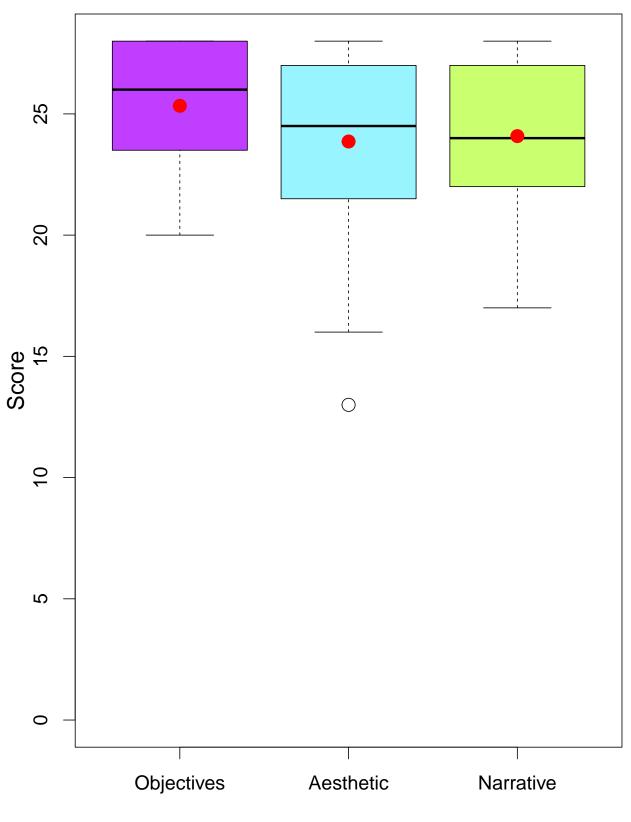
Objectives Aesthetic Narrative ## 22.19444 22.02778 23.08333



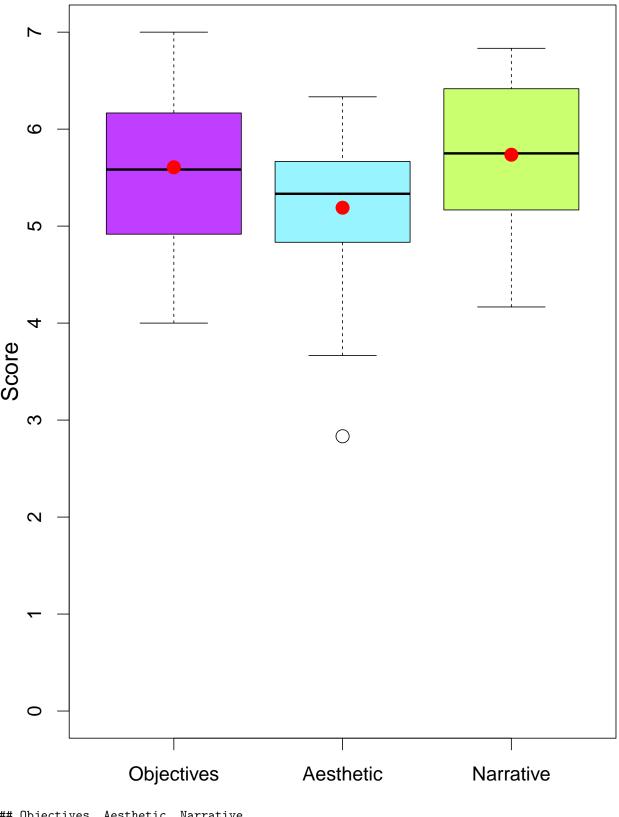
Objectives Aesthetic Narrative ## 24.19444 23.63889 24.13889



Objectives Aesthetic Narrative ## 18.50000 17.55556 18.50000



Objectives Aesthetic Narrative ## 25.33333 23.86111 24.08333

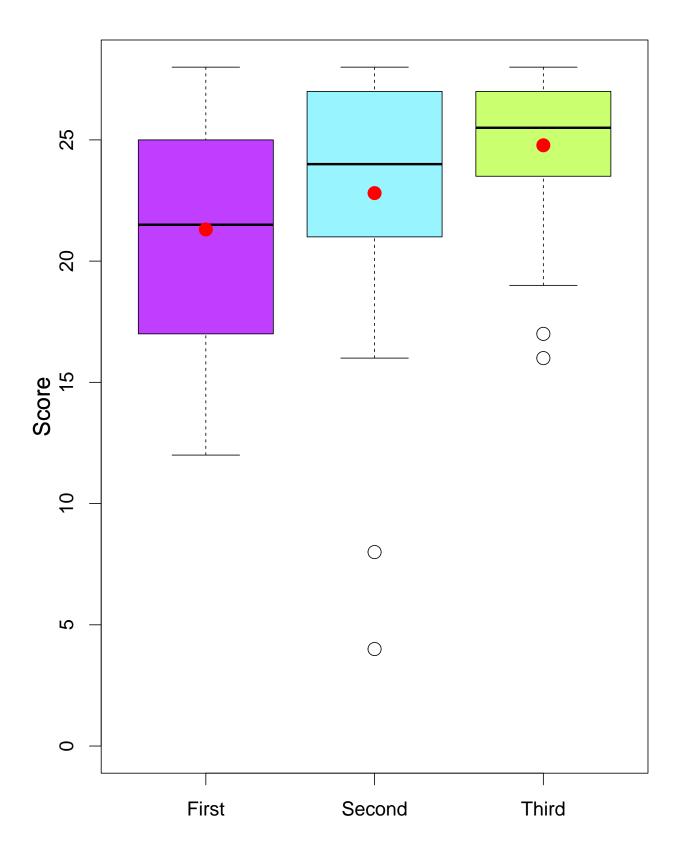


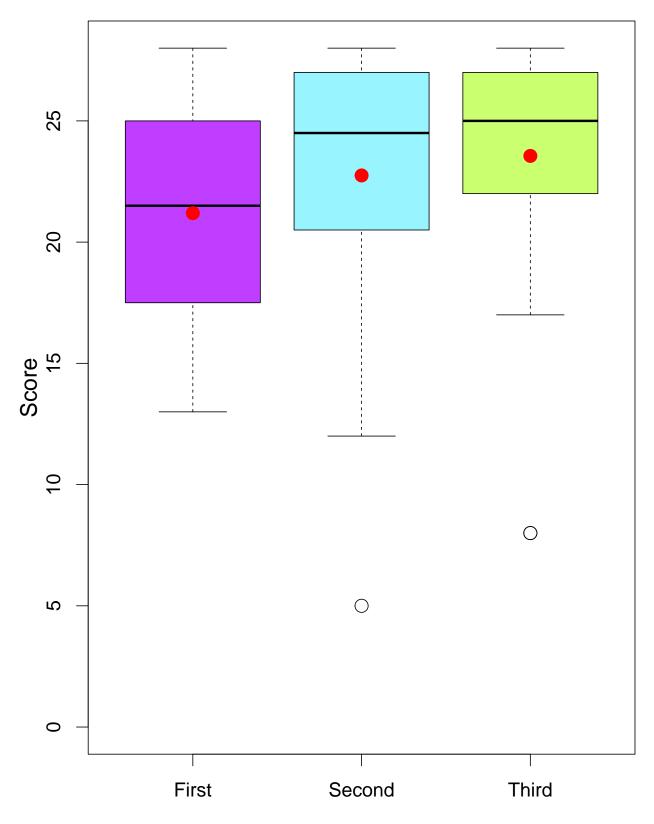
Objectives Aesthetic Narrative ## 5.606481 5.189815 5.736111

First Second Third

21.30556 22.80556 24.77778

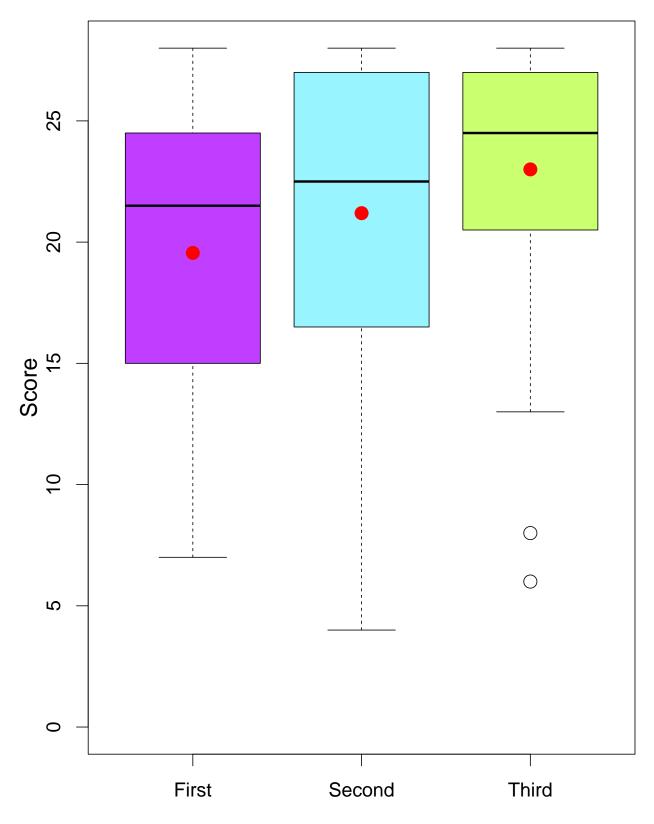
```
## Tukey multiple comparisons of means
## 95% family-wise confidence level
##
## Fit: aov(formula = traits_dfs_df[[dimension]] ~ est.ce.votre.premiere..deuxieme.ou.troisieme.experience..
## $est.ce.votre.premiere..deuxieme.ou.troisieme.experience..
## upr p adj
## Première-Deuxième -1.500000 -4.0471362 1.047136 0.3445786
## Troisième-Deuxième 1.972222 -0.5749139 4.519358 0.1614494
## Troisième-Première 3.472222 0.9250861 6.019358 0.0045169
```





First Second Third ## 21.19444 22.75000 23.55556

```
## 95% family-wise confidence level
##
## Fit: aov(formula = traits_dfs_df[[dimension]] ~ est.ce.votre.premiere..deuxieme.ou.troisieme.experience..
## $est.ce.votre.premiere..deuxieme.ou.troisieme.experience..
## première-Deuxième -1.5555556 -4.2608464 1.149735 0.3618884
## Troisième-Deuxième 0.8055556 -1.8997353 3.510846 0.7593580
## Troisième-Première 2.3611111 -0.3441798 5.066402 0.1000062
```



First Second Third ## 19.55556 21.19444 23.00000

```
## 95% family-wise confidence level

##

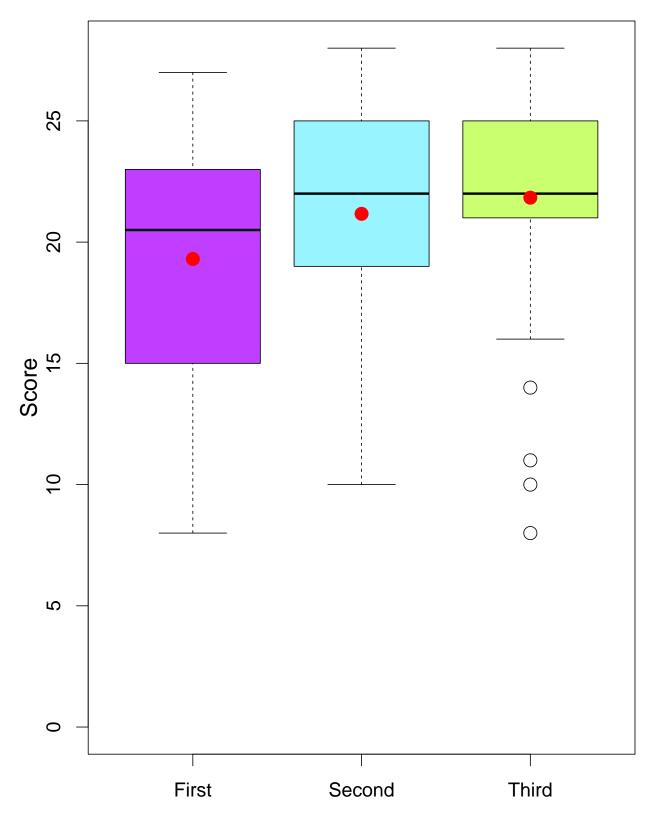
## Fit: aov(formula = traits_dfs_df[[dimension]] ~ est.ce.votre.premiere..deuxieme.ou.troisieme.experience..

## $est.ce.votre.premiere..deuxieme.ou.troisieme.experience..

## première-Deuxième -1.638889 -5.081266389 1.803489 0.4967140

## Troisième-Deuxième 1.805556 -1.636821944 5.247933 0.4284290

## Troisième-Première 3.444444 0.002066944 6.886822 0.0498271
```



First Second Third ## 19.30556 21.16667 21.83333

```
## 95% family-wise confidence level

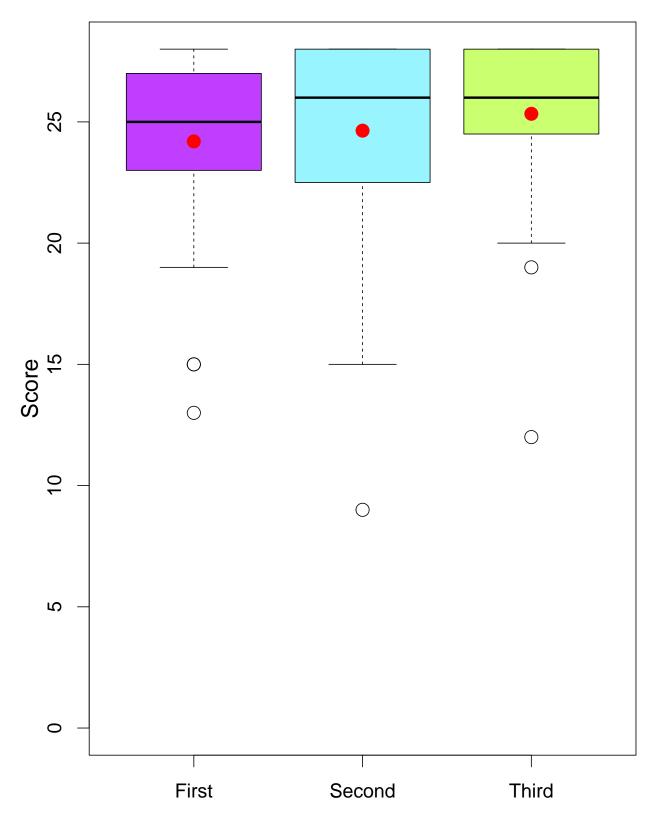
## Fit: aov(formula = traits_dfs_df[[dimension]] ~ est.ce.votre.premiere..deuxieme.ou.troisieme.experience..

## $est.ce.votre.premiere..deuxieme.ou.troisieme.experience..

## première-Deuxième -1.8611111 -4.6353646 0.9131424 0.2523506

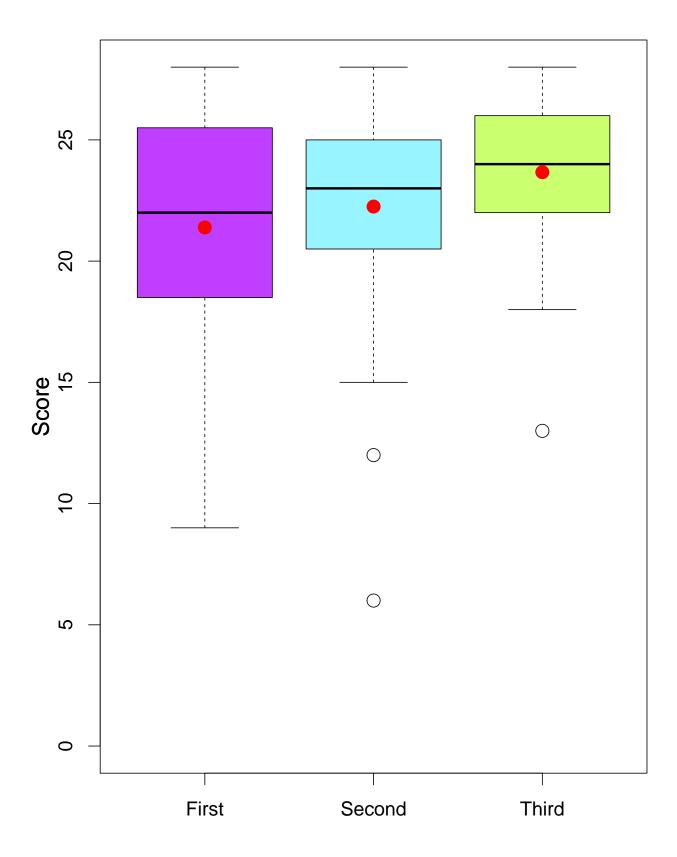
## Troisième-Deuxième 0.6666667 -2.1075868 3.4409201 0.8356768

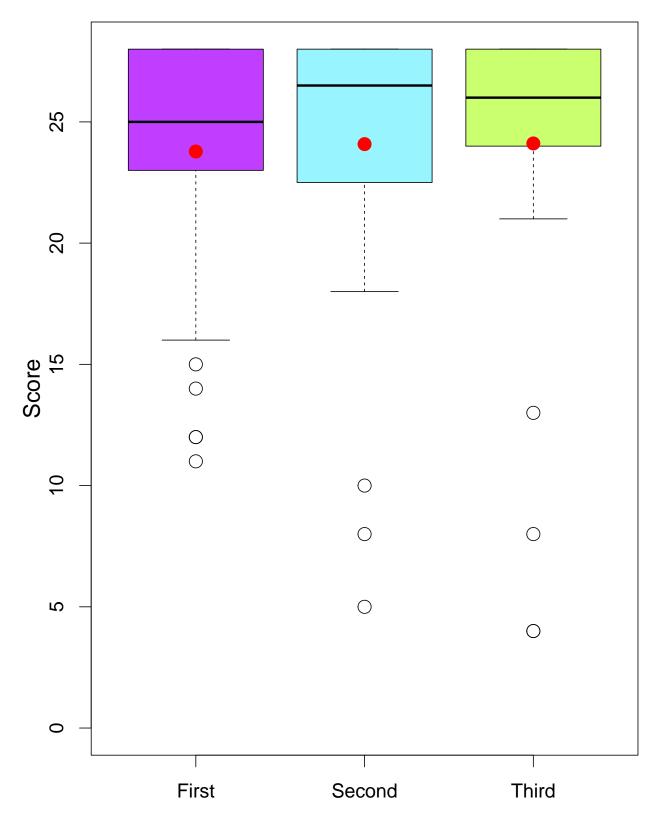
## Troisième-Première 2.5277778 -0.2464757 5.3020313 0.0818423
```



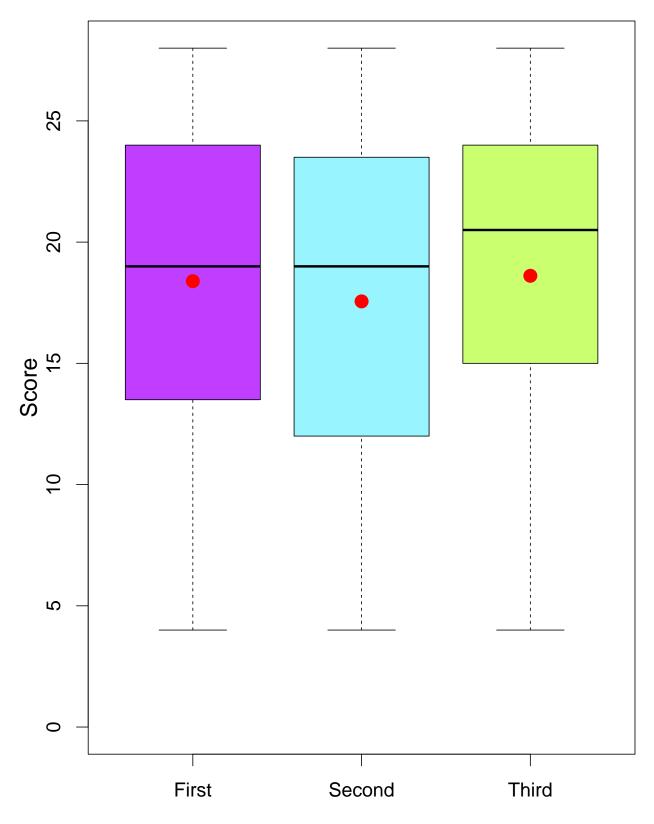
First Second Third ## 24.19444 24.63889 25.33333

```
##
       95% family-wise confidence level
##
## Fit: aov(formula = traits_dfs_df[[dimension]] ~ est.ce.votre.premiere..deuxieme.ou.troisieme.experie
## $est.ce.votre.premiere..deuxieme.ou.troisieme.experience..
                            diff
##
                                       lwr
## Première-Deuxième -0.4444444 -2.601540 1.712651 0.8762957
## Troisième-Deuxième 0.6944444 -1.462651 2.851540 0.7250064
## Troisième-Première 1.1388889 -1.018207 3.295984 0.4236956
##
     First
             Second
                       Third
## 21.38889 22.25000 23.66667
##
     Tukey multiple comparisons of means
       95% family-wise confidence level
##
##
## Fit: aov(formula = traits_dfs_df[[dimension]] ~ est.ce.votre.premiere..deuxieme.ou.troisieme.experie
## $est.ce.votre.premiere..deuxieme.ou.troisieme.experience..
                            diff
                                        lwr
                                                 upr
                                                         p adj
## Première-Deuxième -0.8611111 -3.4057838 1.683562 0.7010720
## Troisième-Deuxième 1.4166667 -1.1280060 3.961339 0.3853542
## Troisième-Première 2.2777778 -0.2668949 4.822450 0.0890756
```



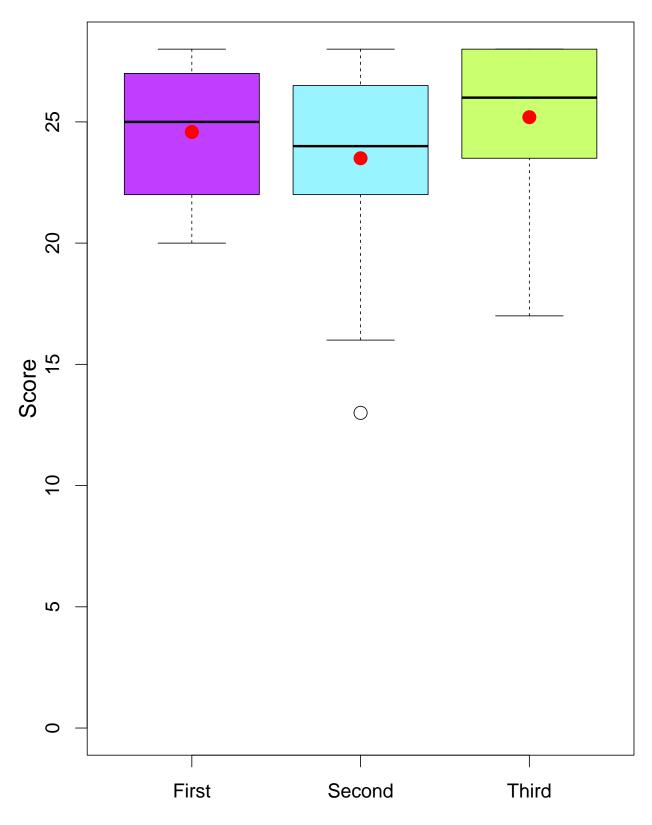


First Second Third ## 23.77778 24.08333 24.11111



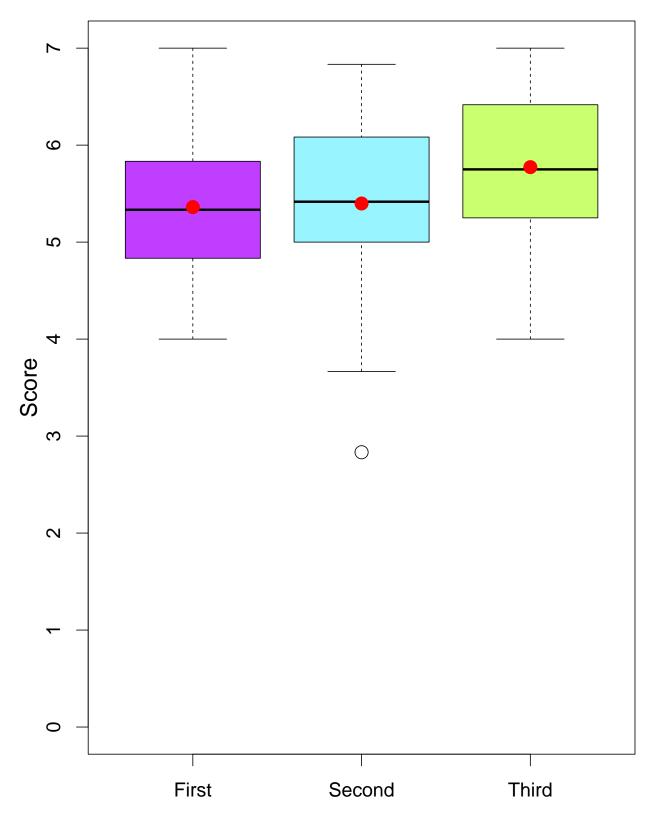
First Second Third ## 18.38889 17.55556 18.61111

```
## 95% family-wise confidence level
##
## Fit: aov(formula = traits_dfs_df[[dimension]] ~ est.ce.votre.premiere..deuxieme.ou.troisieme.experience..
## $est.ce.votre.premiere..deuxieme.ou.troisieme.experience..
## première-Deuxième 0.8333333 -3.336415 5.003082 0.8831554
## Troisième-Deuxième 1.0555556 -3.114193 5.225304 0.8194197
## Troisième-Première 0.2222222 -3.947526 4.391971 0.9911895
```



First Second Third ## 24.58333 23.50000 25.19444

```
## 95% family-wise confidence level
##
## Fit: aov(formula = traits_dfs_df[[dimension]] ~ est.ce.votre.premiere..deuxieme.ou.troisieme.experience..
## $est.ce.votre.premiere..deuxieme.ou.troisieme.experience..
## upr p adj
## Première-Deuxième 1.0833333 -0.69490393 2.861571 0.3201006
## Troisième-Deuxième 1.6944444 -0.08379282 3.472682 0.0652571
## Troisième-Première 0.6111111 -1.16712615 2.389348 0.6933471
```



First Second Third ## 5.361111 5.398148 5.773148

```
## 95% family-wise confidence level

##

## Fit: aov(formula = traits_dfs_df[[dimension]] ~ est.ce.votre.premiere..deuxieme.ou.troisieme.experience..

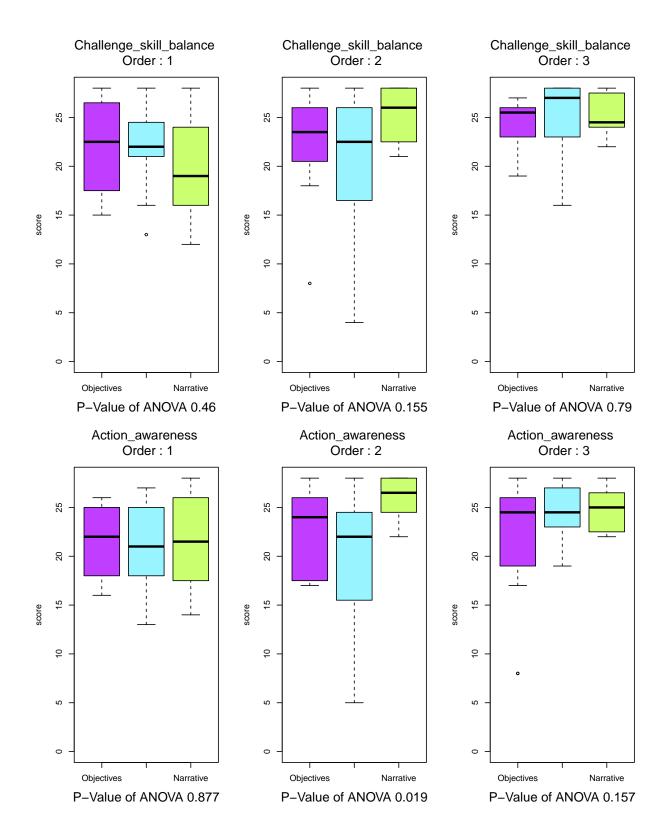
## $est.ce.votre.premiere..deuxieme.ou.troisieme.experience..

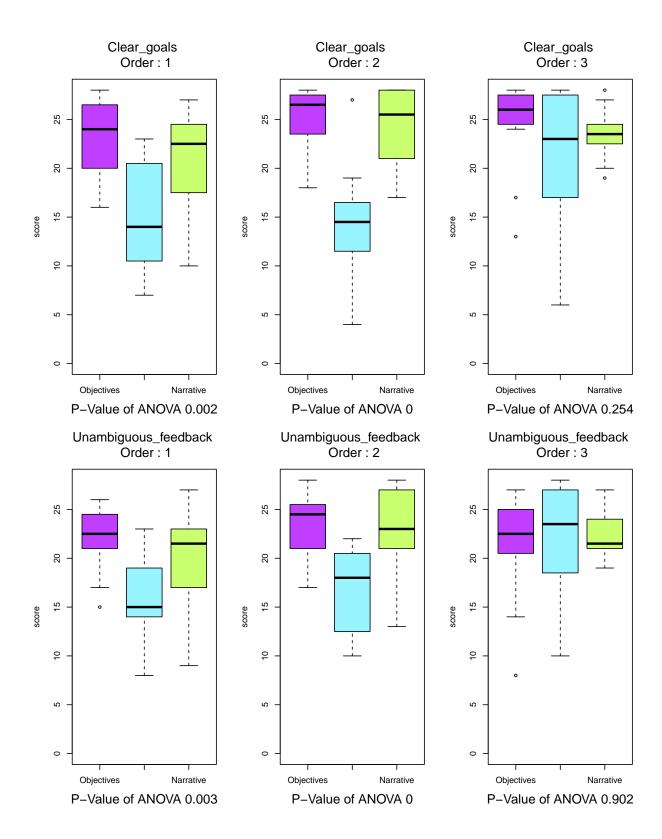
## upr p adj

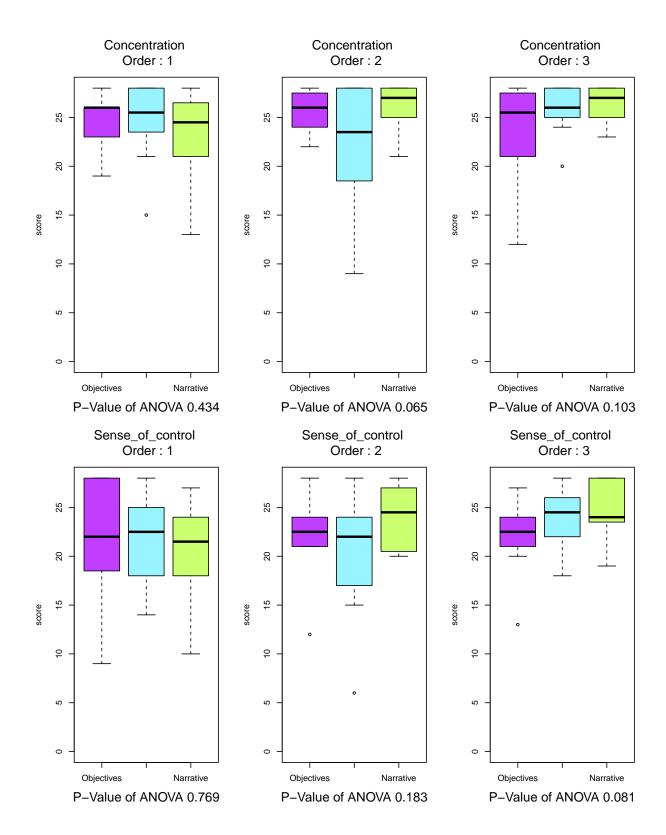
## Première-Deuxième -0.03703704 -0.47960523 0.4055312 0.9784189

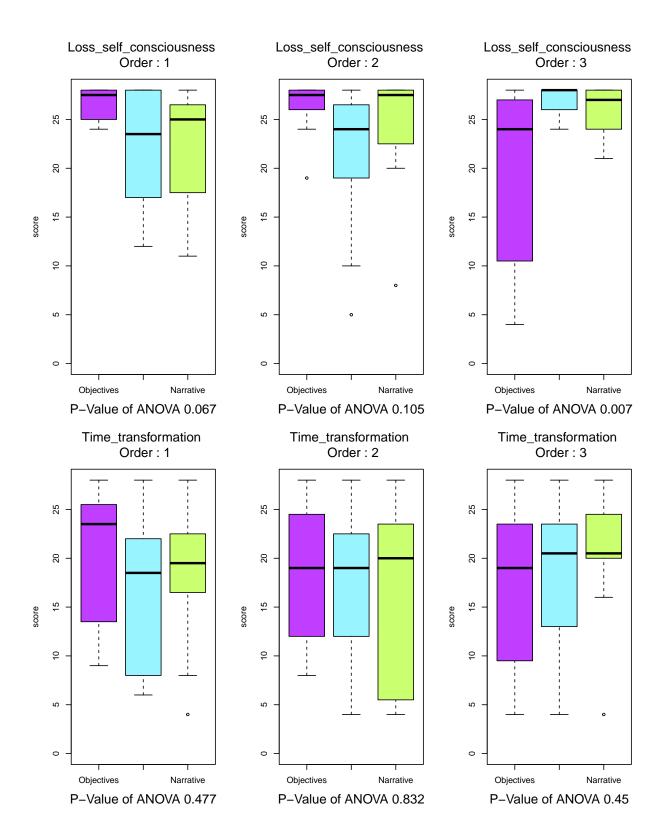
## Troisième-Deuxième 0.37500000 -0.06756819 0.8175682 0.1137394

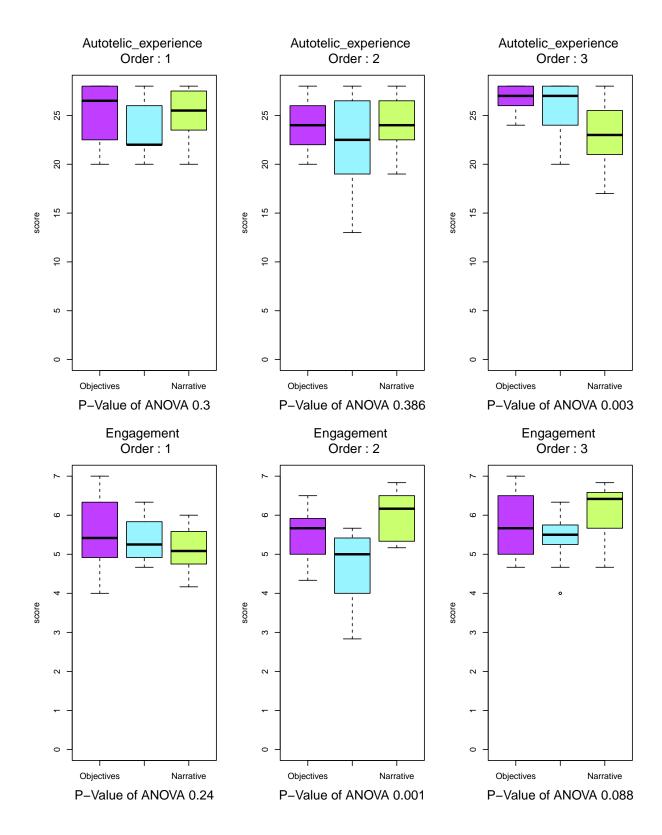
## Troisième-Première 0.41203704 -0.03053115 0.8546052 0.0735611
```











First Second Third ## 21.91667 20.91667 24.75000

First Second Third ## 19.91667 25.16667 25.25000

NULL

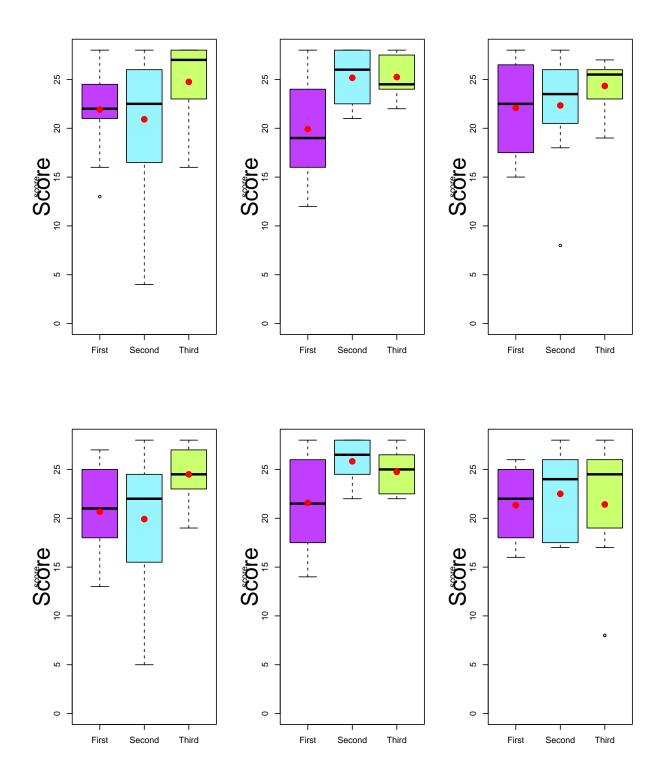
First Second Third ## 22.08333 22.33333 24.33333

NULL

First Second Third ## 20.66667 19.91667 24.50000

NULL

First Second Third ## 21.58333 25.83333 24.75000



First Second Third ## 21.33333 22.50000 21.41667

First Second Third ## 15.00000 14.08333 20.91667

NULL

First Second Third ## 20.66667 24.33333 23.50000

NULL

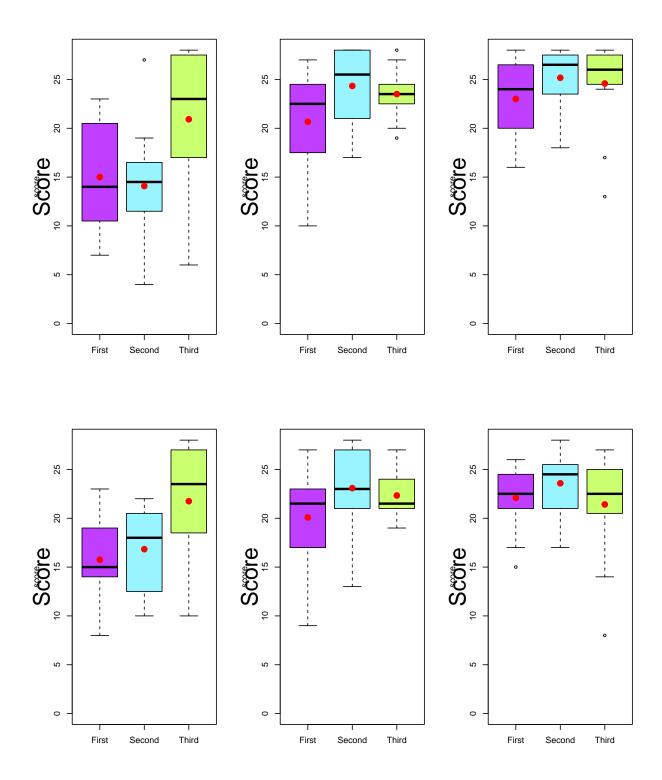
First Second Third ## 23.00000 25.16667 24.58333

NULL

First Second Third ## 15.75000 16.83333 21.75000

NULL

First Second Third ## 20.08333 23.08333 22.33333



First Second Third ## 22.08333 23.58333 21.41667

First Second Third ## 24.83333 22.33333 25.91667

NULL

First Second Third ## 23.00000 26.00000 26.41667

NULL

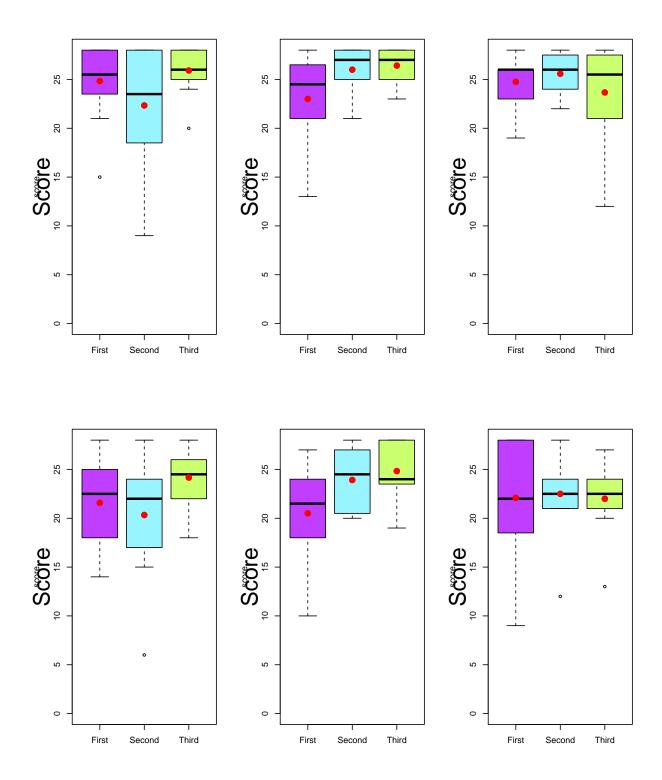
First Second Third ## 24.75000 25.58333 23.66667

NULL

First Second Third ## 21.58333 20.33333 24.16667

NULL

First Second Third ## 20.50000 23.91667 24.83333



First Second Third ## 22.08333 22.50000 22.00000

First Second Third ## 22.50000 21.41667 27.00000

NULL

First Second Third ## 22.16667 24.41667 25.83333

NULL

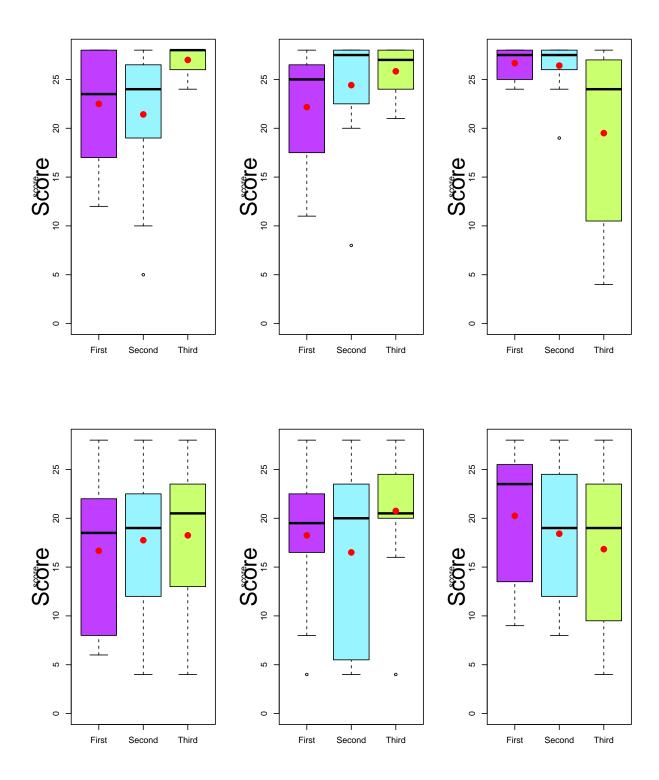
First Second Third ## 26.66667 26.41667 19.50000

NULL

First Second Third ## 16.66667 17.75000 18.25000

NULL

First Second Third ## 18.25 16.50 20.75



First Second Third ## 20.25000 18.41667 16.83333

First Second Third ## 23.50000 22.33333 25.75000

NULL

First Second Third ## 25.16667 24.08333 23.00000

NULL

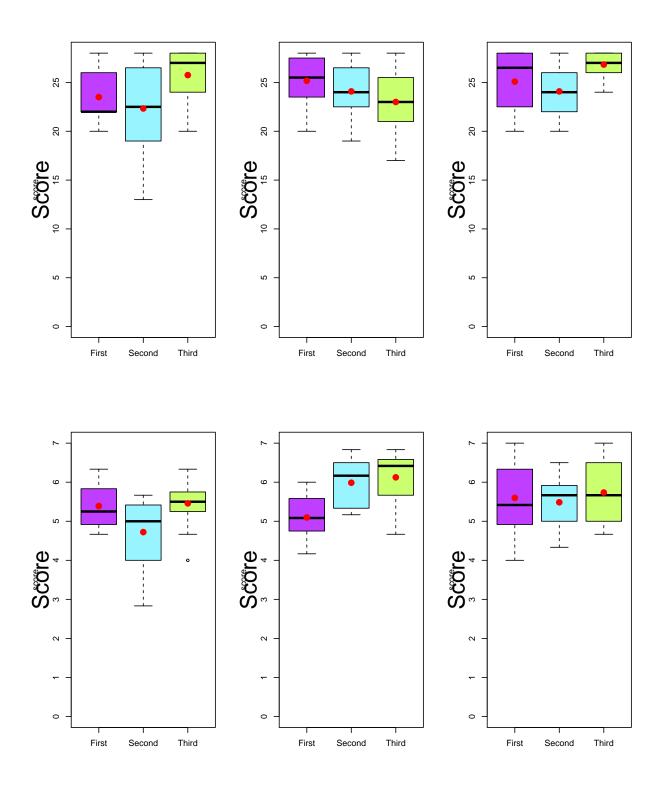
First Second Third ## 25.08333 24.08333 26.83333

NULL

First Second Third ## 5.388889 4.722222 5.458333

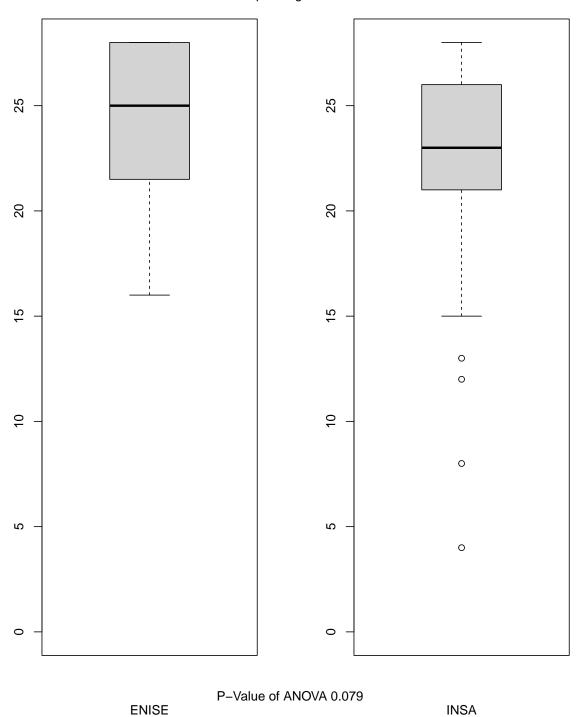
NULL

First Second Third ## 5.097222 5.986111 6.125000

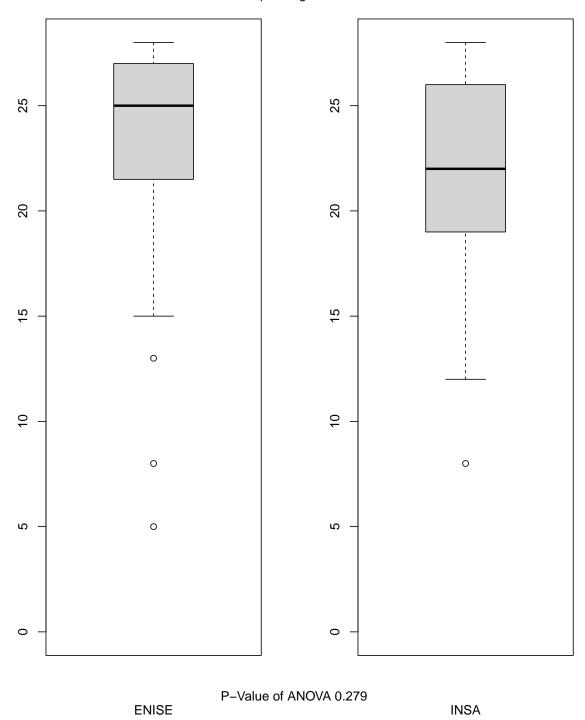


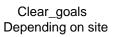
First Second Third ## 5.597222 5.486111 5.736111

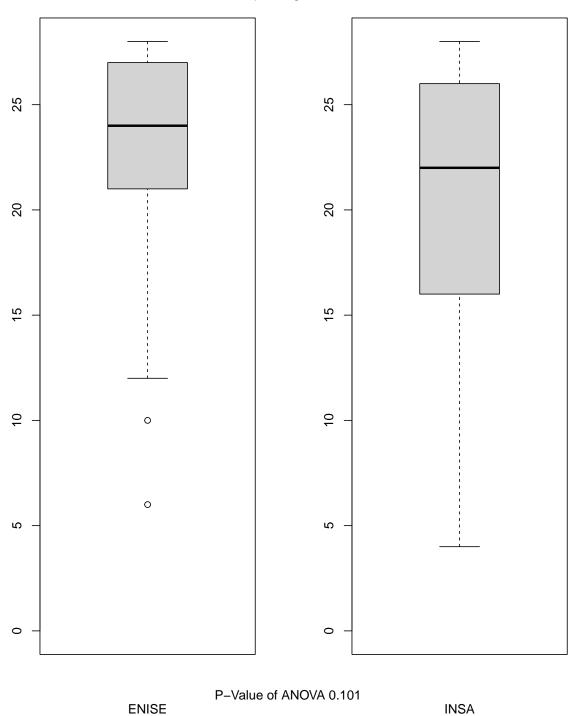
Challenge_skill_balance Depending on site

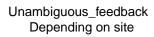


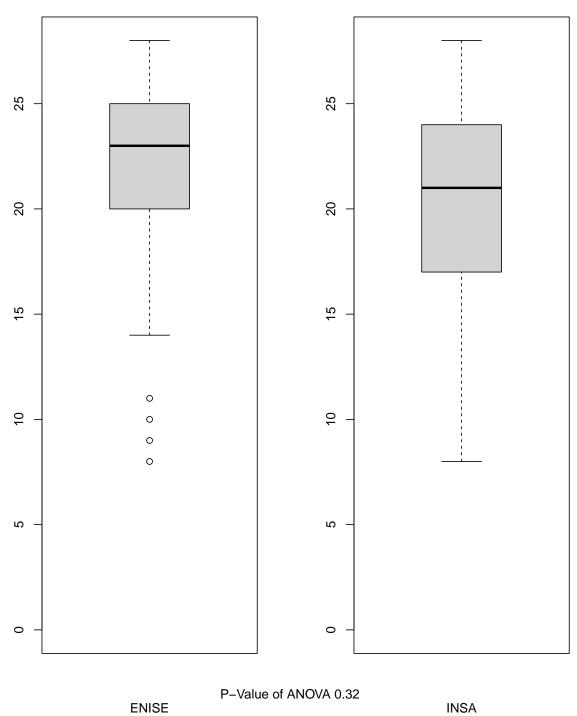
Action_awareness Depending on site

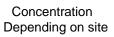


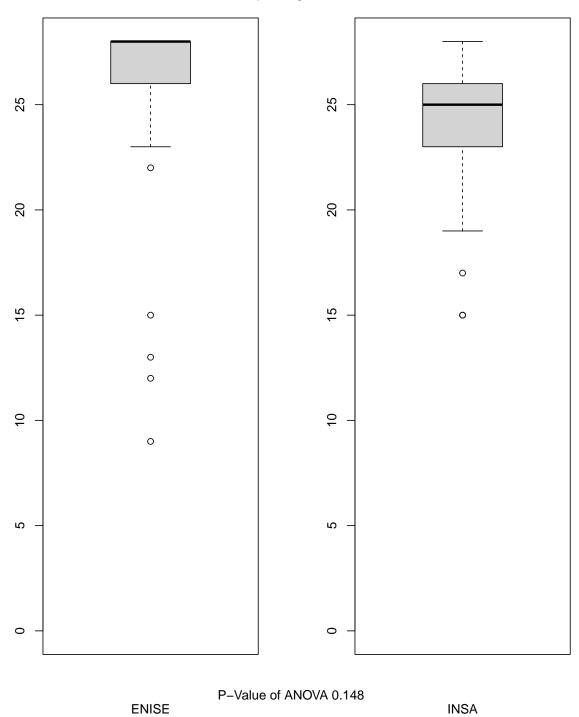




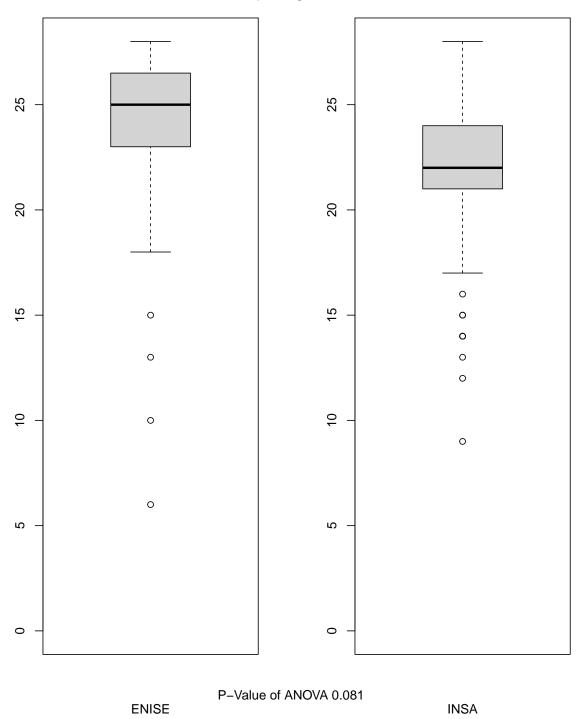




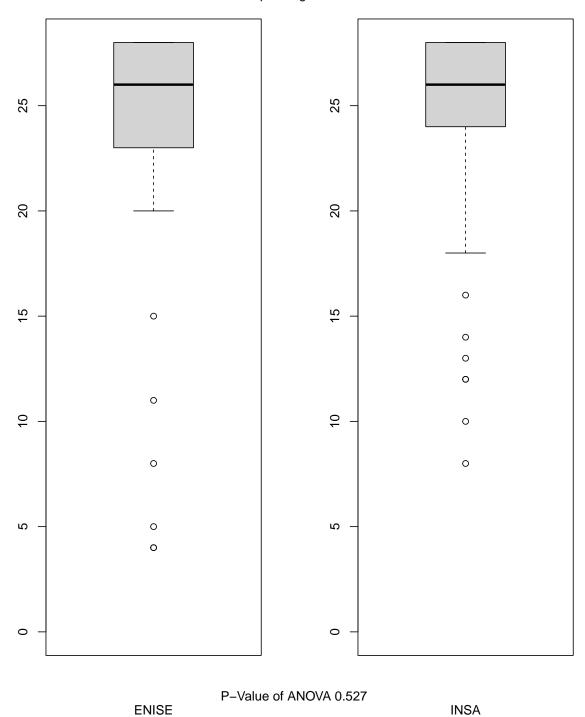




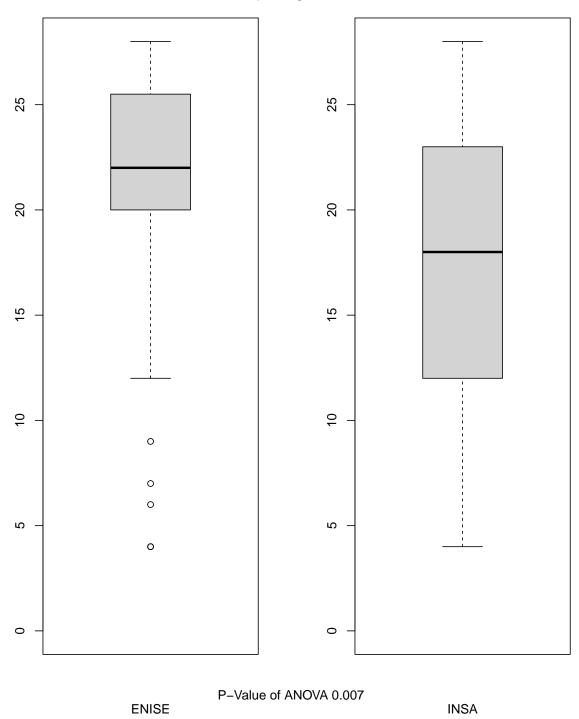
Sense_of_control Depending on site

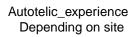


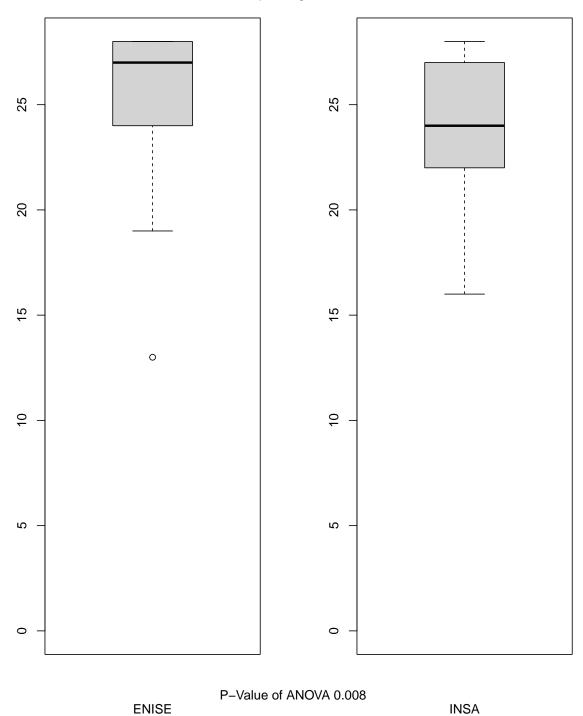
Loss_self_consciousness Depending on site

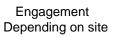


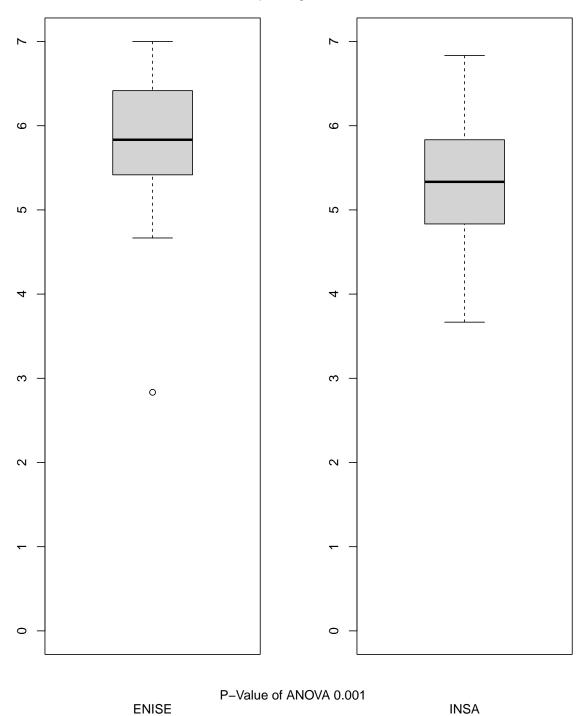
Time_transformation Depending on site

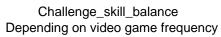


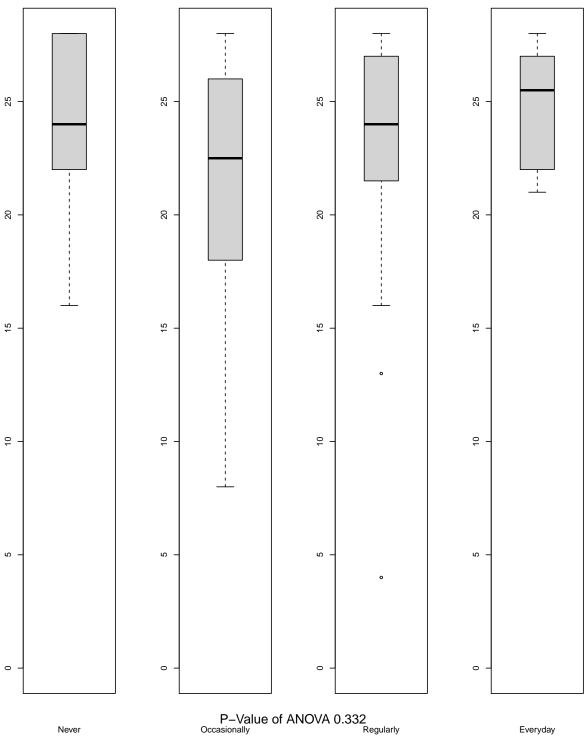


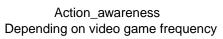


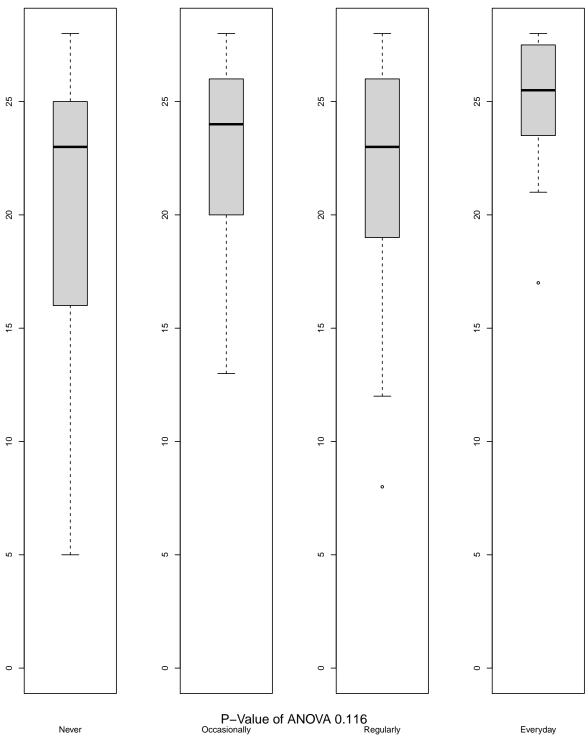


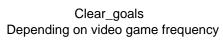


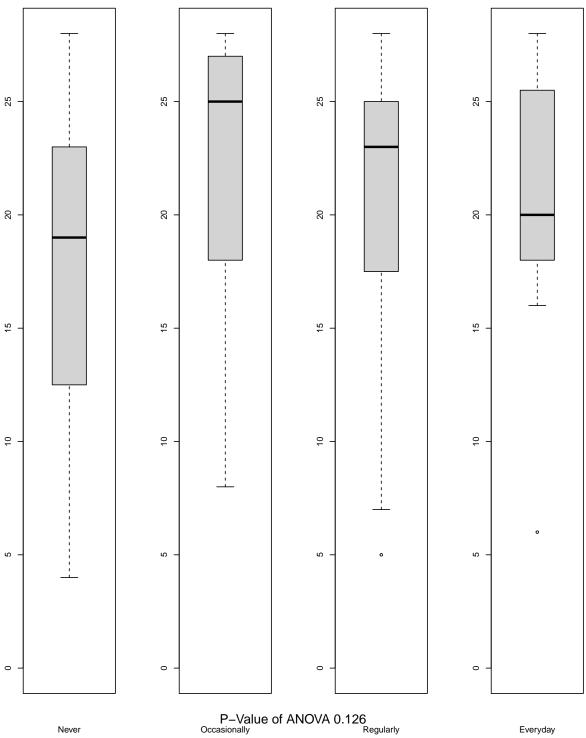


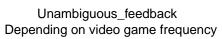


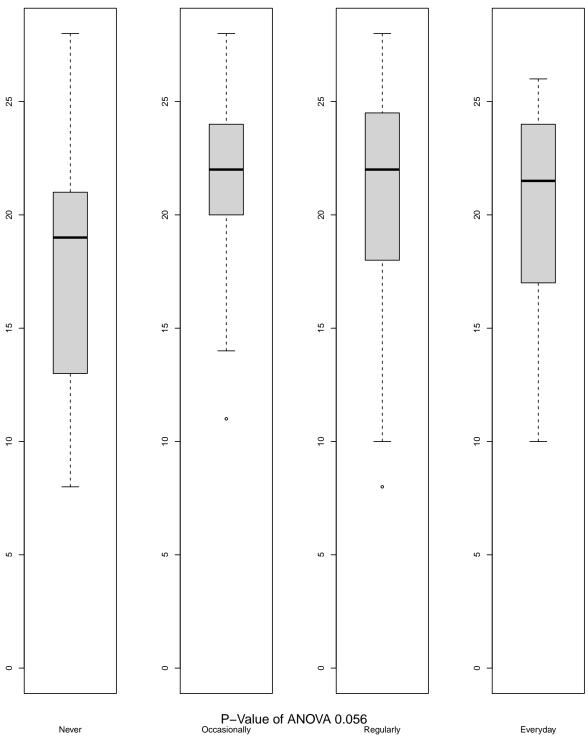


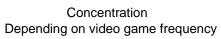


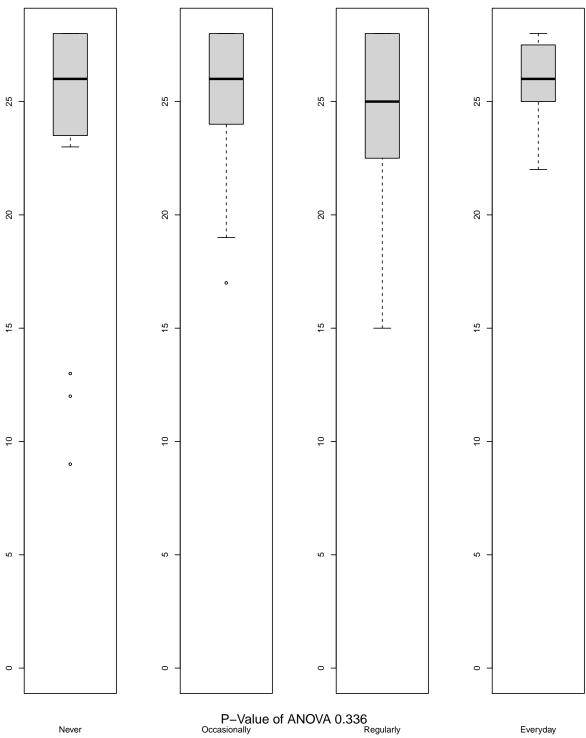


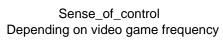


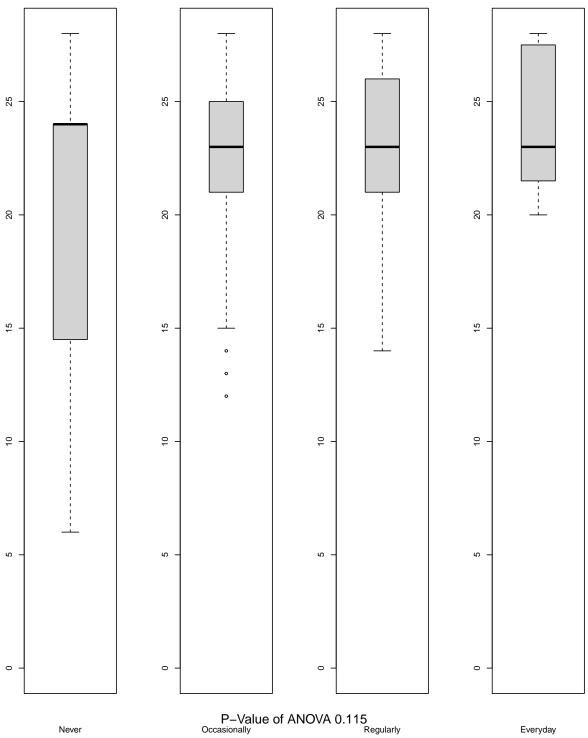


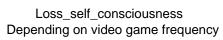


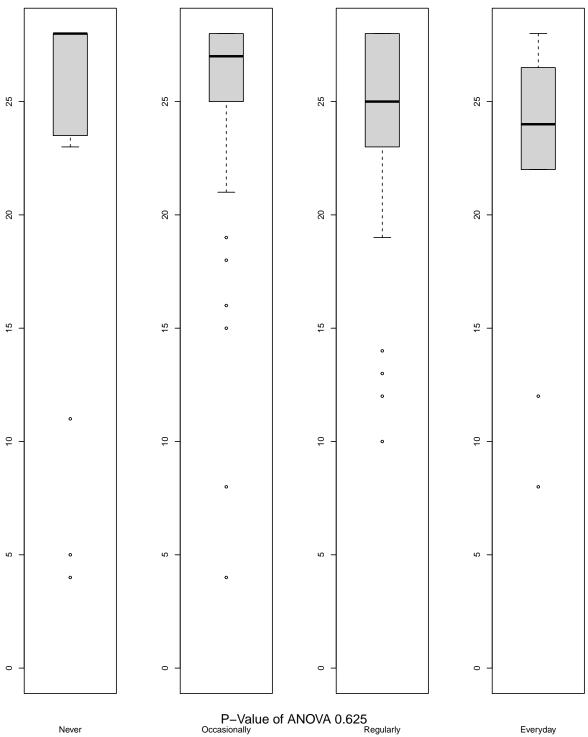


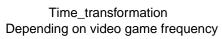


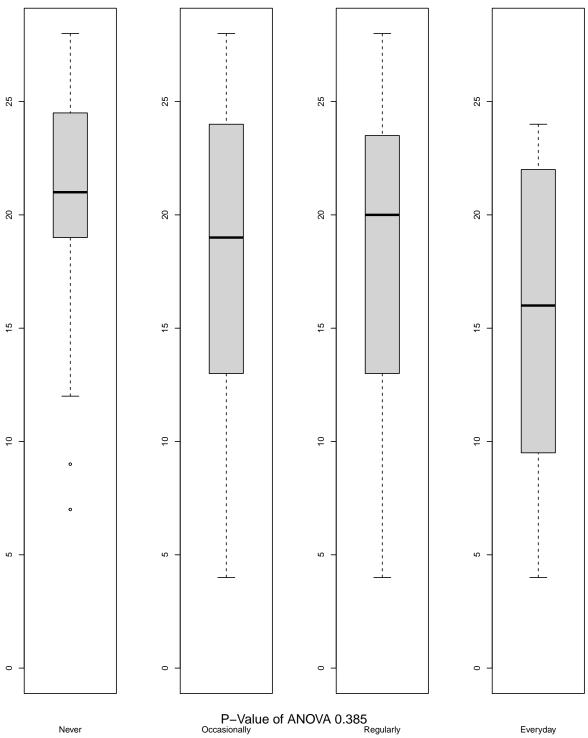


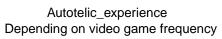


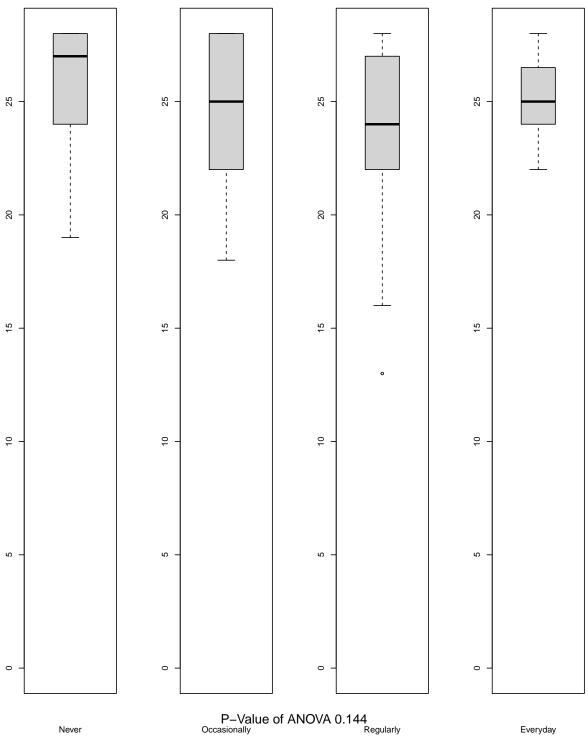




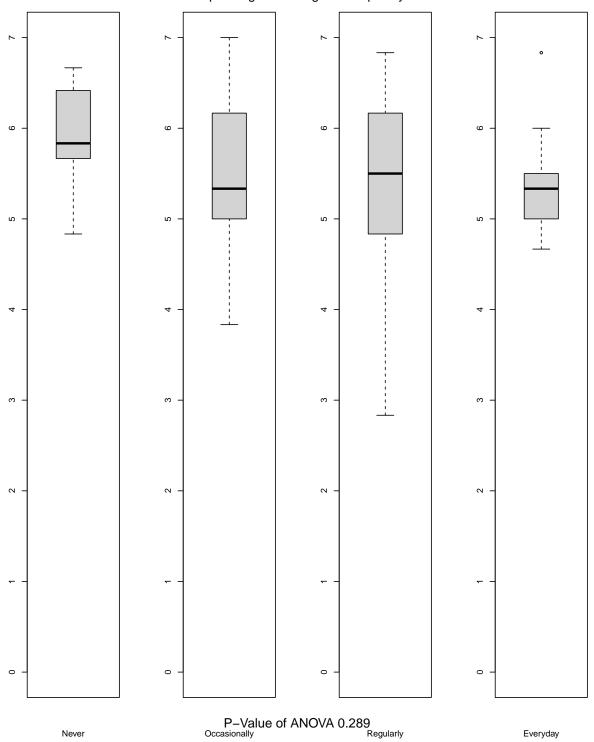








Engagement
Depending on video game frequency



Warning: Setting row names on a tibble is deprecated.

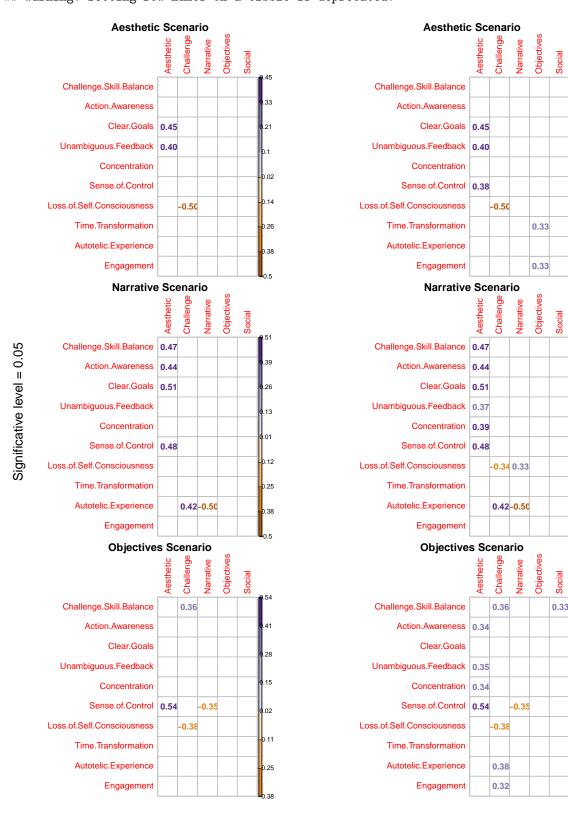
Warning: Setting row names on a tibble is deprecated.

0.26

0.38

0.25

.02



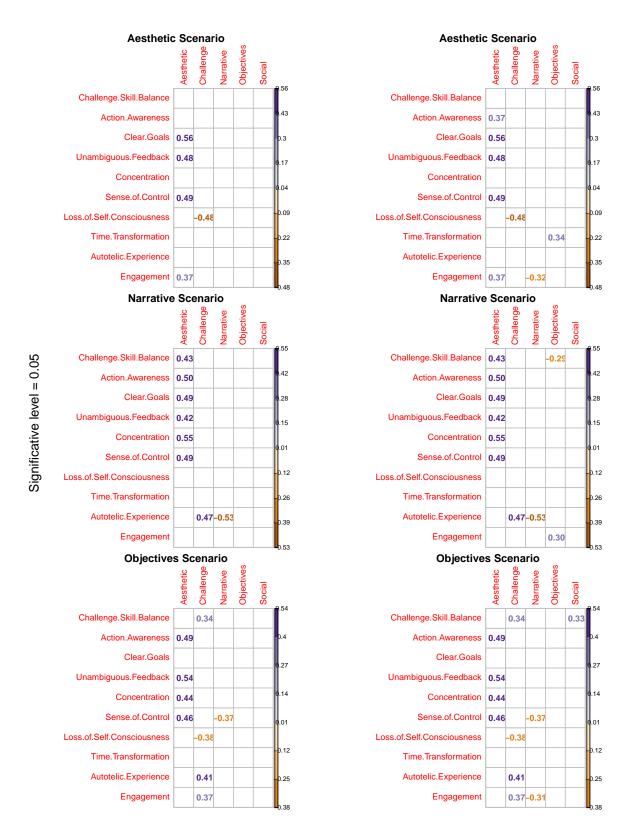
[[1]] ## [[1]]\$path_coefs

```
##
                             Aesthetic
                                         Challenge
                                                   Narrative Objectives
## Challenge.Skill.Balance
                            ## Action.Awareness
                            0.26441770 -0.101152683 0.01091395 -0.03525548
## Clear.Goals
                            ## Unambiguous.Feedback
                            ## Concentration
                            0.19902528 -0.133956499 0.22954595 0.12465073
## Sense.of.Control
                            0.37512558 -0.192231726 0.06989501 0.07719733
## Loss.of.Self.Consciousness 0.08628820 -0.495720433 0.20319599
                                                              0.14195588
                           -0.31149595 -0.072148099 0.13276563
## Time.Transformation
                                                              0.32959813
                           ## Autotelic.Experience
## Engagement
                            0.07480915 -0.006283522 -0.14196544 0.32722453
##
                                Social
## Challenge.Skill.Balance
                           -0.12952881
## Action.Awareness
                            0.06164721
## Clear.Goals
                           -0.17299597
## Unambiguous.Feedback
                           -0.24400642
## Concentration
                           -0.10951823
## Sense.of.Control
                            0.03920533
## Loss.of.Self.Consciousness 0.01431990
## Time.Transformation
                            0.02081459
## Autotelic.Experience
                            0.05222572
## Engagement
                           -0.11178650
##
## [[1]]$p_values
                                       Challenge Narrative Objectives
##
                            Aesthetic
## Challenge.Skill.Balance
                           0.53424296 0.367549576 0.2933885 0.15567446
## Action.Awareness
                           0.19838241 0.602404867 0.9562000 0.85931355
## Clear.Goals
                           0.02190405 0.292506198 0.2852863 0.85819852
## Unambiguous.Feedback
                           0.04938061 0.562968327 0.8620917 0.93072887
## Concentration
                           0.32004323 0.481881630 0.2434922 0.52345542
## Sense.of.Control
                           0.05858383 0.300136256 0.7112193 0.68290547
## Loss.of.Self.Consciousness 0.64364024 0.008651796 0.2704717 0.43931943
## Time.Transformation
                           0.11203200 0.694314780 0.4820293 0.08756308
                           0.76856031 0.292696185 0.6003259 0.92185250
## Autotelic.Experience
## Engagement
                           0.70568350 0.973488608 0.4661586 0.09944249
##
                              Social
## Challenge.Skill.Balance
                           0.5157083
## Action.Awareness
                           0.7598240
## Clear.Goals
                           0.3575996
## Unambiguous.Feedback
                           0.2135142
## Concentration
                           0.5797858
## Sense.of.Control
                           0.8376042
## Loss.of.Self.Consciousness 0.9383243
## Time.Transformation
                           0.9130889
## Autotelic.Experience
                           0.7986526
## Engagement
                           0.5707764
##
## [[1]]$traits_dfs_pls
## Partial Least Squares Path Modeling (PLS-PM)
## -----
##
     NAME
                     DESCRIPTION
## 1 $outer_model
                     outer model
## 2 $inner model
                     inner model
## 3 $path coefs
                     path coefficients matrix
```

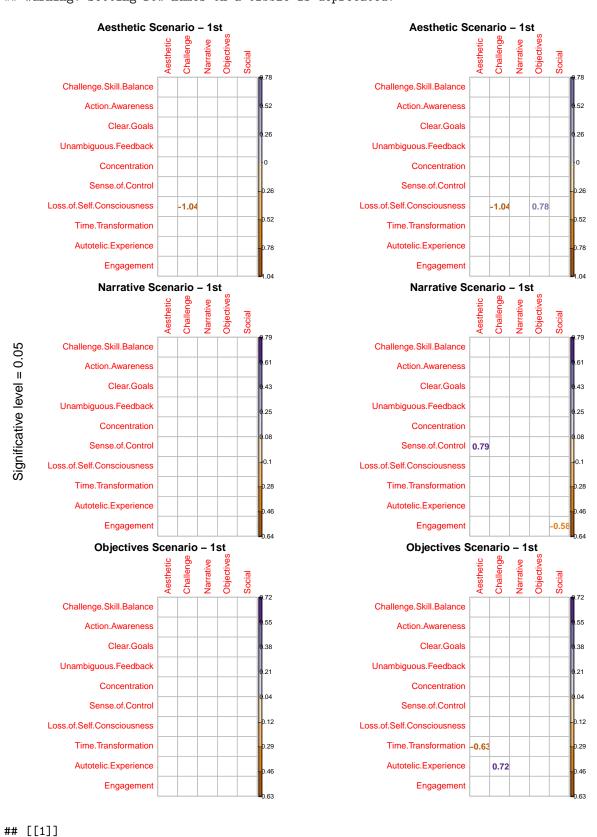
```
## 4 $scores
                      latent variable scores
## 5 $crossloadings
                      cross-loadings
## 6 $inner summary
                      summary inner model
## 7 $effects
                      total effects
## 8 $unidim
                      unidimensionality
## 9 $gof
                      goodness-of-fit
## 10 $boot
                      bootstrap results
## 11 $data
                      data matrix
## -----
## You can also use the function 'summary'
##
##
## [[2]]
## [[2]]$path_coefs
##
                               Aesthetic
                                            Challenge
                                                        Narrative
                                                                    Objectives
                              0.47145052 -0.007467462 0.15248899 -0.137298055
## Challenge.Skill.Balance
## Action.Awareness
                              0.44028169 0.023922182 0.18695887 -0.043690907
## Clear.Goals
                              0.51410701 -0.040755873 -0.13680365 0.161850463
## Unambiguous.Feedback
                              0.37494670 -0.151013702 0.08428300
                                                                   0.168363154
## Concentration
                              0.38604864 -0.250266625 0.11332136 0.100804798
## Sense.of.Control
                              0.48202031 -0.127997400 -0.03756590 0.085386961
## Loss.of.Self.Consciousness 0.13644664 -0.336129651 0.32746276 -0.071033002
## Time.Transformation
                             -0.27019972 0.084584296 -0.07784281
                                                                   0.005379115
## Autotelic.Experience
                             -0.14117039   0.417980570   -0.50384711   -0.065568387
## Engagement
                              0.02200417 -0.065393962 -0.04034106 0.174880578
##
                                  Social
## Challenge.Skill.Balance
                             -0.11316137
## Action.Awareness
                             -0.17266209
## Clear.Goals
                              0.03085643
## Unambiguous.Feedback
                              0.06117695
## Concentration
                             -0.15036909
## Sense.of.Control
                             -0.09823386
## Loss.of.Self.Consciousness 0.11072216
## Time.Transformation
                              0.11576217
## Autotelic.Experience
                              0.21714063
## Engagement
                              0.03153274
##
## [[2]]$p_values
##
                               Aesthetic Challenge
                                                      Narrative Objectives
## Challenge.Skill.Balance
                             0.015108836 0.96620694 0.401780164 0.4501124
## Action.Awareness
                             0.023306359 0.89279835 0.308683272 0.8105580
## Clear.Goals
                             0.007843013 0.81475415 0.445274145 0.3677614
## Unambiguous.Feedback
                             0.053878285 0.40441865 0.648720631 0.3656578
## Concentration
                             0.051852153 0.17972649 0.548812051
                                                                 0.5938418
## Sense.of.Control
                             0.016027446 0.48365148 0.840556206 0.6481674
## Loss.of.Self.Consciousness 0.459295866 0.06279076 0.076372137
                                                                 0.6935528
## Time.Transformation
                             0.192832540 0.66568016 0.698168545
                                                                 0.9786096
## Autotelic.Experience
                             0.408674234 0.01445531 0.004737668
                                                                 0.6943433
## Engagement
                             0.916415095 0.74433714 0.844417831 0.3979582
##
                                Social
## Challenge.Skill.Balance
                             0.5383545
## Action.Awareness
                             0.3531320
## Clear.Goals
                             0.8645478
```

```
## Unambiguous.Feedback
                            0.7441469
## Concentration
                            0.4336993
                            0.6045821
## Sense.of.Control
## Loss.of.Self.Consciousness 0.5451287
## Time.Transformation
                            0.5700984
## Autotelic.Experience
                            0.2045984
## Engagement
                            0.8797409
##
## [[2]]$traits_dfs_pls
## Partial Least Squares Path Modeling (PLS-PM)
       ._____
                     DESCRIPTION
##
     NAME
     $outer_model
## 1
                      outer model
     $inner_model
                      inner model
## 2
     $path_coefs
                      path coefficients matrix
## 3
## 4
     $scores
                      latent variable scores
## 5
     $crossloadings
                      cross-loadings
## 6 $inner_summary
                      summary inner model
## 7 $effects
                      total effects
## 8 $unidim
                      unidimensionality
## 9
     $gof
                      goodness-of-fit
## 10 $boot
                      bootstrap results
## 11 $data
                      data matrix
## -----
## You can also use the function 'summary'
##
##
## [[3]]
## [[3]]$path_coefs
##
                              Aesthetic
                                          Challenge
                                                     Narrative Objectives
## Challenge.Skill.Balance
                            -0.23459114 0.35828228 0.15003146 -0.04200912
## Action.Awareness
                             0.34294072 -0.02609592 0.23455861 -0.17022323
## Clear.Goals
                             0.13344503 -0.05983196 0.15216584 0.05774899
## Unambiguous.Feedback
                             0.34928685 -0.06975814 0.14695125 -0.18130098
## Concentration
                             0.33970865 -0.02444886 -0.07361855 0.19367697
## Sense.of.Control
                             0.54371376 -0.10930579 -0.35411598 0.23127735
## Loss.of.Self.Consciousness -0.04411590 -0.37681408 0.27901648 -0.08981193
## Time.Transformation
                            -0.20445090 -0.11713387 0.21717558 -0.02257221
## Autotelic.Experience
                             0.01194800 \quad 0.37530144 \quad -0.12628379 \quad -0.17965718
## Engagement
                             ##
                                  Social
## Challenge.Skill.Balance
                             0.334812028
## Action.Awareness
                            -0.122674548
## Clear.Goals
                            -0.007060102
## Unambiguous.Feedback
                             0.048220550
## Concentration
                             0.216443403
## Sense.of.Control
                             0.173020466
## Loss.of.Self.Consciousness 0.199083412
## Time.Transformation
                            -0.083360862
## Autotelic.Experience
                            -0.026155482
## Engagement
                             0.079292710
##
## [[3]]$p_values
```

```
##
                             Aesthetic Challenge Narrative Objectives
## Challenge.Skill.Balance
                             0.20678289 0.04794291 0.40651028 0.8153730
## Action.Awareness
                             0.08173273  0.88691546  0.21852321  0.3693355
## Clear.Goals
                             0.51889561 0.76153060 0.45358269 0.7753513
## Unambiguous.Feedback
                            0.07242591 0.69992870 0.43046990 0.3323681
## Concentration
                            0.07665241 0.89109252 0.68807679 0.2950576
## Sense.of.Control
                            0.00295137 0.50125753 0.03973256 0.1708139
## Loss.of.Self.Consciousness 0.80974054 0.03797530 0.12755537 0.6178718
## Time.Transformation 0.31846256 0.54763429 0.28035196 0.9098549
                            0.95185141 0.05446908 0.51647712 0.3580837
## Autotelic.Experience
## Engagement
                             0.88013194 0.09200893 0.17310296 0.8815796
                                 Social
## Challenge.Skill.Balance
                             0.07376761
## Action.Awareness
                             0.52176620
## Clear.Goals
                             0.97251384
## Unambiguous.Feedback 0.79769456
## Concentration
                            0.24908883
## Sense.of.Control
                            0.30847493
## Loss.of.Self.Consciousness 0.27888812
## Time.Transformation 0.68025917
## Autotelic.Experience
                            0.89421606
## Engagement
                             0.68540416
##
## [[3]]$traits dfs pls
## Partial Least Squares Path Modeling (PLS-PM)
## -----
##
     NAME
                    DESCRIPTION
## 1 $outer_model outer model
## 2 $inner_model inner model
## 3 $path_coefs path coefficients matrix
## 4 $scores latent variable scores
## 5 $crossloadings cross-loadings
## 6 $inner_summary summary inner model
                 total effects
unidimensionality
## 7 $effects
## 8 $unidim
## 9 $gof
                    goodness-of-fit
## 10 $boot
                    bootstrap results
## 11 $data
               data matrix
## -----
## You can also use the function 'summary'
## Warning: Setting row names on a tibble is deprecated.
## Warning: Setting row names on a tibble is deprecated.
## Warning: Setting row names on a tibble is deprecated.
```



Warning: Setting row names on a tibble is deprecated.



[[1]]\$path_coefs

```
##
                              Aesthetic Challenge Narrative Objectives
## Challenge.Skill.Balance
                             0.22799734 -0.01421751 0.16446017 -0.58022331
                            -0.32570571 -0.35212537 -0.04985065 -0.08421685
## Action.Awareness
## Clear.Goals
                             0.24346346 0.29699575 0.02556420 0.04282296
## Unambiguous.Feedback
                            -0.22011147 -0.31317708 0.14862895 0.28065116
## Concentration
                             0.65670264 0.03469770 -0.29576809 -0.26485980
## Sense.of.Control
                            -0.02940142 -0.50949016 0.28345292 0.08843587
## Loss.of.Self.Consciousness -0.63468925 -1.04386062 0.51788377 0.78038183
                            -0.12492083 -0.29353246 0.14232270 0.37887951
## Time.Transformation
## Autotelic.Experience
                             ## Engagement
                            -0.32955575 -0.18229989 0.31408220 0.51091189
                                 Social
## Challenge.Skill.Balance
                            -0.23549321
## Action.Awareness
                             0.55177800
## Clear.Goals
                            -0.38132951
## Unambiguous.Feedback
                             0.12412511
## Concentration
                            -0.51600426
## Sense.of.Control
                             0.02766983
## Loss.of.Self.Consciousness 0.44336943
## Time.Transformation
                            -0.19778878
## Autotelic.Experience
                             0.10570251
## Engagement
                            -0.07667556
##
## [[1]]$p_values
                            Aesthetic Challenge Narrative Objectives
##
## Challenge.Skill.Balance
                            0.7286861 0.97534250 0.7561533 0.32895548 0.7224575
## Action.Awareness
                            0.6063191 0.43554838 0.9212073 0.87707127 0.3963720
## Clear.Goals
                            0.7298455 0.55347887 0.9639549 0.94410647 0.5944463
                            0.7716653 0.56174265 0.8078407 0.67221397 0.8707605
## Unambiguous.Feedback
                            0.3751820 0.94500015 0.6120325 0.67289494 0.4837373
## Concentration
## Sense.of.Control
                            0.9651541 0.30487543 0.6058388 0.88016485 0.9674801
## Loss.of.Self.Consciousness 0.1667435 0.01036143 0.1626153 0.06807931 0.3176549
                            0.8581309 0.55610278 0.8009392 0.53983598 0.7794281
## Time.Transformation
## Autotelic.Experience
                            0.7908919 0.91659621 0.7458718 0.73929618 0.8892717
                            0.6337366 0.70687006 0.5749472 0.40613355 0.9116257
## Engagement
##
## [[1]]$traits dfs pls
## Partial Least Squares Path Modeling (PLS-PM)
## -----
##
     NAME
                     DESCRIPTION
                     outer model
## 1 $outer model
## 2 $inner model
                     inner model
## 3 $path coefs
                     path coefficients matrix
## 4 $scores
                     latent variable scores
## 5 $crossloadings
                     cross-loadings
## 6
     $inner_summary
                     summary inner model
## 7
     $effects
                     total effects
## 8 $unidim
                     unidimensionality
## 9
     $gof
                     goodness-of-fit
## 10 $boot
                     bootstrap results
## 11 $data
                     data matrix
## -----
## You can also use the function 'summary'
##
```

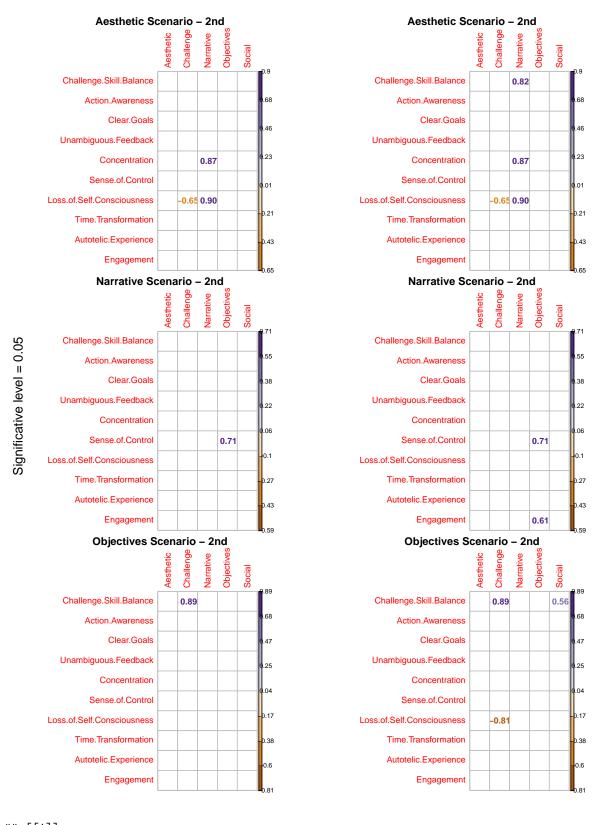
```
##
##
## [[2]]
## [[2]]$path_coefs
                               Aesthetic
                                            Challenge
                                                        Narrative
                                                                   Objectives
                               0.34472662 0.462559577
                                                       0.14782109 -0.01468770
## Challenge.Skill.Balance
## Action.Awareness
                               0.18617189 0.360967199 0.41618871
                                                                   0.10256621
## Clear.Goals
                               0.52583965 -0.007284064 -0.03919001
                                                                   0.22117888
## Unambiguous.Feedback
                               0.38211471
                                          0.012603145
                                                       0.24000903
                                                                   0.27609929
## Concentration
                               0.60539122 -0.493904519 0.11774345
                                                                   0.12468015
## Sense.of.Control
                               0.78989832 -0.302064408
                                                       0.27740258
                                                                   0.14472356
## Loss.of.Self.Consciousness
                              0.56412396 -0.638127180
                                                       0.11150572
                                                                   0.09790396
## Time.Transformation
                             -0.26219711 0.643836890 0.31494905 -0.19734490
                                                                   0.19307852
## Autotelic.Experience
                              0.07459706  0.574057322  -0.38892070
                              -0.05864500 0.258797297 -0.29111417
## Engagement
                                                                   0.32837559
##
                                    Social
## Challenge.Skill.Balance
                             -0.2471971012
## Action.Awareness
                             -0.0540201387
## Clear.Goals
                              0.0006391094
## Unambiguous.Feedback
                               0.0766455256
## Concentration
                             -0.2790295138
## Sense.of.Control
                             -0.1725954930
## Loss.of.Self.Consciousness -0.1807659262
## Time.Transformation
                              -0.1498901333
## Autotelic.Experience
                              0.1809279637
## Engagement
                             -0.5786903343
##
## [[2]]$p_values
##
                               Aesthetic Challenge Narrative Objectives
## Challenge.Skill.Balance
                             0.35886953 0.2090988 0.6420713 0.9629323 0.44224617
## Action.Awareness
                             0.62139227 0.3278380 0.2299524
                                                             0.7539182 0.86731445
## Clear.Goals
                             0.25753760 0.9860019 0.9182295 0.5690549 0.99865628
## Unambiguous.Feedback
                             0.37399991 0.9744176 0.5144219
                                                            0.4573332 0.83138237
## Concentration
                             0.19919086 0.2604777 0.7582005 0.7453681 0.47173592
## Sense.of.Control
                             0.05368545 0.3711235 0.3714571
                                                             0.6334261 0.56787490
## Loss.of.Self.Consciousness 0.21634075 0.1501481 0.7644311 0.7929420 0.62749502
## Time.Transformation
                             0.51750670 0.1251168 0.3796222 0.5753381 0.66597529
## Autotelic.Experience
                             0.83858023 0.1347643 0.2498878 0.5517704 0.57312162
## Engagement
                             0.86584113 0.4429133 0.3536219 0.3015839 0.09129061
##
## [[2]]$traits dfs pls
## Partial Least Squares Path Modeling (PLS-PM)
  _____
##
                      DESCRIPTION
      NAME
## 1
      $outer_model
                       outer model
## 2
      $inner_model
                       inner model
## 3
      $path_coefs
                       path coefficients matrix
## 4
      $scores
                       latent variable scores
                      cross-loadings
      $crossloadings
## 6
     $inner_summary
                       summary inner model
## 7
     $effects
                       total effects
## 8 $unidim
                       unidimensionality
## 9
      $gof
                       goodness-of-fit
## 10 $boot
                       bootstrap results
```

```
## 11 $data
             data matrix
## -----
## You can also use the function 'summary'
##
##
##
## [[3]]
## [[3]]$path_coefs
##
                            Aesthetic Challenge Narrative Objectives
                          ## Challenge.Skill.Balance
## Action.Awareness
                           0.35184861 0.09769326 0.54151437 -0.03664451
## Clear.Goals
                           0.18505590 0.57515258 -0.38232649 0.12425244
## Unambiguous.Feedback
                          -0.05477630 0.69457816 -0.47420015 0.08352512
## Concentration
                           ## Sense.of.Control
                           ## Loss.of.Self.Consciousness -0.00755084 0.55575395 -0.15683451 -0.39379494
## Time.Transformation -0.63290987 -0.44966399 0.26553185 0.37788366
## Autotelic.Experience
                          -0.40617094 0.72189847 -0.44175617 0.18017008
## Engagement
                          -0.36399151 0.45955618 -0.42047073 0.31528781
##
                             Social
## Challenge.Skill.Balance
                          0.2831198
## Action.Awareness
                          -0.2555968
## Clear.Goals
                          -0.1448425
## Unambiguous.Feedback
                          -0.2269384
## Concentration
                           0.3466991
## Sense.of.Control
                           0.1308253
## Loss.of.Self.Consciousness -0.2039417
## Time.Transformation
                           0.1766678
## Autotelic.Experience
                          -0.2602896
## Engagement
                           0.4852575
##
## [[3]]$p_values
##
                           Aesthetic Challenge Narrative Objectives
## Challenge.Skill.Balance
                          0.68607936 0.71244837 0.3656504 0.6227989 0.4425506
                          0.27245259 0.76979196 0.1686427 0.9181013 0.3850159
## Action.Awareness
## Clear.Goals
                          0.63319691 0.20382250 0.4158157 0.7833572 0.6892087
## Unambiguous.Feedback
                          0.88074904 0.11996366 0.2975540 0.8455348 0.5146721
## Concentration
                          0.43322027 0.39758986 0.9492025 0.7753824 0.3404631
                          0.24610832 0.92760041 0.2101086 0.5068133 0.6940973
## Sense.of.Control
## Loss.of.Self.Consciousness 0.98426922 0.21655542 0.7316940 0.3962189 0.5751303
## Time.Transformation 0.08970096 0.23775760 0.5021446 0.3433121 0.5689883
## Autotelic.Experience
                          0.22479526 0.07056371 0.2617723 0.6272740 0.3903860
                          0.22909641 0.17374880 0.2407558 0.3611355 0.1053885
## Engagement
##
## [[3]]$traits_dfs_pls
## Partial Least Squares Path Modeling (PLS-PM)
## -----
##
     NAME
                   DESCRIPTION
## 1 $outer_model
                   outer model
## 2 $inner_model
                    inner model
## 3 $path_coefs
                   path coefficients matrix
## 4 $scores
                 latent variable scores
## 5 $crossloadings cross-loadings
## 6 $inner summary summary inner model
```

You can also use the function 'summary'

Warning: Setting row names on a tibble is deprecated.

Warning: Setting row names on a tibble is deprecated.



[[1]] ## [[1]]\$path_coefs

Aesthetic Challenge Narrative Objectives ## Challenge.Skill.Balance -0.4305685 -0.007554236 0.82303997 -0.50462353

```
## Action.Awareness
## Clear.Goals
                          ## Unambiguous.Feedback
                          -0.3045011 -0.207977960 0.87185765 0.03553964
## Concentration
## Sense.of.Control
                          0.1417977 -0.050881082 0.41927305 0.06371775
## Loss.of.Self.Consciousness -0.5429733 -0.647805352 0.89665935 -0.29239595
## Time.Transformation
                         -0.6114824 -0.202142659 0.55250558 -0.17488090
                         -0.6378430 0.112509698 0.59971509 0.11910855
## Autotelic.Experience
                          ## Engagement
##
                               Social
## Challenge.Skill.Balance
                          -0.320216525
## Action.Awareness
                          -0.071443765
## Clear.Goals
                          -0.312291391
## Unambiguous.Feedback
                         -0.516415373
## Concentration
                          -0.118441938
## Sense.of.Control
                          0.001228643
## Loss.of.Self.Consciousness -0.068994576
## Time.Transformation -0.047060843
## Autotelic.Experience
                          0.037024560
## Engagement
                          -0.415015035
##
## [[1]]$p_values
##
                         Aesthetic Challenge Narrative Objectives
## Challenge.Skill.Balance
                         0.3285155 0.98275525 0.06938028 0.1964633 0.4089510
## Action.Awareness
                          0.8094592 0.77030787 0.61684533 0.8826646 0.8865946
## Clear.Goals
                          0.3162279 0.79643391 0.85489524 0.8658186 0.5243528
## Unambiguous.Feedback
                          0.6764156 0.96322685 0.59908633 0.7184306 0.3037857
## Concentration
                          0.4364191 0.51739853 0.04109559 0.9133933 0.7284153
## Sense.of.Control
                          0.7789905 0.90293501 0.38226002 0.8828266 0.9978150
## Loss.of.Self.Consciousness 0.1074817 0.03442672 0.01464697 0.2800020 0.7964390
                          0.2504828 0.62974459 0.25850744 0.6863036 0.9161066
## Time.Transformation
## Autotelic.Experience
                          0.1810898 0.75819659 0.17336956 0.7530973 0.9247059
## Engagement
                          0.3398503 0.13689345 0.13703472 0.1016683 0.1360154
##
## [[1]]$traits dfs pls
## Partial Least Squares Path Modeling (PLS-PM)
## -----
##
     NAME
                  DESCRIPTION
## 1 $outer model
                   outer model
## 2 $inner_model inner model
## 3 $path coefs
                  path coefficients matrix
## 4 $scores
                   latent variable scores
## 5 $crossloadings cross-loadings
## 6 $inner_summary
                   summary inner model
## 7 $effects
                   total effects
## 8 $unidim
                   unidimensionality
## 9
     $gof
                   goodness-of-fit
## 10 $boot
                   bootstrap results
## 11 $data
                   data matrix
## -----
## You can also use the function 'summary'
##
##
##
```

```
## [[2]]
## [[2]]$path_coefs
                                                     Narrative Objectives
##
                              Aesthetic Challenge
                            0.150104228 -0.42107724 0.044739987 0.18132462
## Challenge.Skill.Balance
## Action.Awareness
                            0.414931744 -0.43136442 0.030276151 0.27468068
## Clear.Goals
                           ## Unambiguous.Feedback
                           -0.016305167 -0.25852814 0.034089226 0.52649198
                            0.402155636 -0.41511496 -0.003806753 0.40811546
## Concentration
## Sense.of.Control
                           ## Loss.of.Self.Consciousness 0.273177541 -0.39573122 0.370593081 0.03121810
## Time.Transformation
                           -0.434706805 -0.32966968 -0.150199609 0.20349216
## Autotelic.Experience
                           -0.002416896 -0.16061573 -0.593105899 0.02180349
                           -0.224269695 -0.54638608 -0.173323641 0.61264745
## Engagement
##
                                Social
## Challenge.Skill.Balance
                            0.20379105
## Action.Awareness
                           -0.18706781
## Clear.Goals
                           -0.03225164
## Unambiguous.Feedback
                            0.13250607
## Concentration
                           -0.52872635
## Sense.of.Control
                            0.04422614
## Loss.of.Self.Consciousness 0.38365161
## Time.Transformation
                           -0.04215062
## Autotelic.Experience
                            0.12016773
## Engagement
                            0.10817835
##
## [[2]]$p_values
##
                           Aesthetic Challenge Narrative Objectives
## Challenge.Skill.Balance
                           0.7386967 0.3631953 0.9215565 0.67752489 0.6441333
## Action.Awareness
                           0.3465853 0.3276645 0.9438277 0.51042366 0.6537997
## Clear.Goals
                           0.7702698 0.7536759 0.5132020 0.22368517 0.9333170
## Unambiguous.Feedback
                           0.9705701 0.5629992 0.9393933 0.24614959 0.7596496
## Concentration
                           0.2312633 0.2168681 0.9904857 0.21142183 0.1229398
## Sense.of.Control
                           0.7641842 0.8868305 0.2457381 0.04455636 0.8809623
## Loss.of.Self.Consciousness 0.4014492 0.2373243 0.2727005 0.91846299 0.2416118
## Time.Transformation
                           0.2611026 0.3815339 0.6873279 0.56989098 0.9059385
## Autotelic.Experience
                           0.9950046 0.6785934 0.1654302 0.95339962 0.7508480
## Engagement
                           0.4905771 0.1228090 0.5961729 0.08329093 0.7291818
##
## [[2]]$traits_dfs_pls
## Partial Least Squares Path Modeling (PLS-PM)
## -----
##
     NAME
                     DESCRIPTION
## 1 $outer model
                     outer model
## 2 $inner_model
                     inner model
## 3
     $path_coefs
                     path coefficients matrix
## 4
                     latent variable scores
     $scores
## 5
     $crossloadings
                     cross-loadings
## 6 $inner_summary
                     summary inner model
## 7 $effects
                     total effects
## 8 $unidim
                     unidimensionality
## 9
     $gof
                     goodness-of-fit
## 10 $boot
                     bootstrap results
## 11 $data
                     data matrix
## -----
```

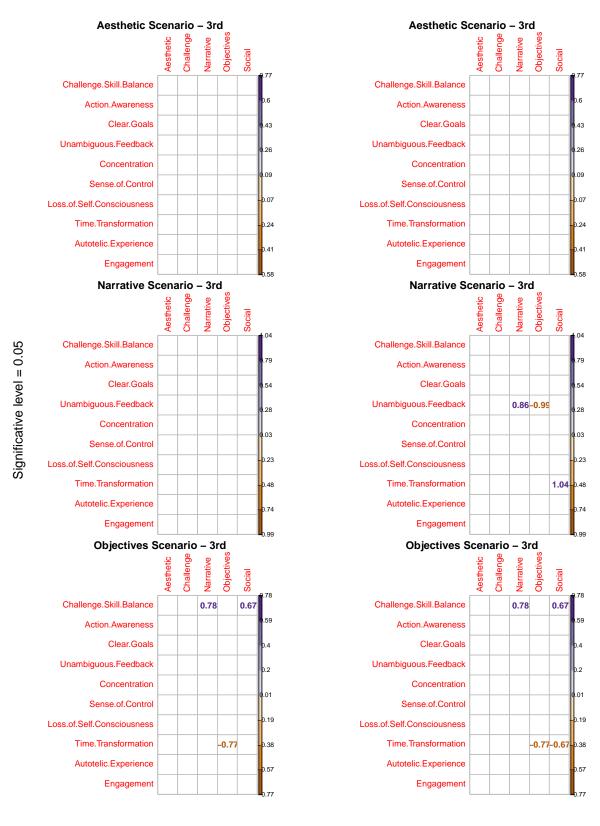
```
## You can also use the function 'summary'
##
##
##
## [[3]]
## [[3]]$path coefs
                                Aesthetic
                                            Challenge
                                                        Narrative
                                                                   Objectives
                                          0.89075414 -0.14651559 -0.25669071
## Challenge.Skill.Balance
                              -0.56382920
                                          0.02371231 -0.03346890 -0.14161522
## Action.Awareness
                               0.60692626
## Clear.Goals
                              -0.11068099 -0.68235117 0.33780122 0.58670194
## Unambiguous.Feedback
                               0.50605308 -0.07148951 0.08463845 -0.16638732
## Concentration
                               0.04475589
## Sense.of.Control
                               0.61711013 -0.01227768 -0.29754332
                                                                  0.13836738
## Loss.of.Self.Consciousness
                              0.28280977 -0.80830316 -0.43419256
                                                                   0.34201087
## Time.Transformation
                               0.09726699 -0.35441905 0.64532289 -0.02049938
## Autotelic.Experience
                               0.61084264 -0.33604409 -0.22577671
                                                                   0.10334575
                               0.61780823 -0.27205222 -0.30481796 0.13726388
## Engagement
##
                                   Social
## Challenge.Skill.Balance
                               0.56286196
## Action.Awareness
                              -0.45818889
## Clear.Goals
                               0.40760785
## Unambiguous.Feedback
                              -0.01918658
## Concentration
                               0.10763181
## Sense.of.Control
                               0.23193307
## Loss.of.Self.Consciousness -0.25631242
## Time.Transformation
                               0.03834982
## Autotelic.Experience
                               0.06211700
## Engagement
                              -0.13387673
##
## [[3]]$p_values
##
                              Aesthetic Challenge Narrative Objectives
## Challenge.Skill.Balance
                              0.1334136 0.03947568 0.6246958 0.4811794 0.09428555
## Action.Awareness
                              0.2479949 0.96341525 0.9383411
                                                             0.7861471 0.31059076
## Clear.Goals
                              0.7560318 0.10353751 0.2997601 0.1523895 0.21881414
## Unambiguous.Feedback
                              0.3319707 0.89128279 0.8467852
                                                             0.7528004 0.96490905
## Concentration
                              0.6645661 0.47146337 0.4971590
                                                            0.9318158 0.80446243
## Sense.of.Control
                              0.1780417 0.97778408 0.4327491
                                                             0.7561824 0.53546518
## Loss.of.Self.Consciousness 0.4378603 0.06353263 0.1950632 0.3764547 0.42117447
## Time.Transformation
                              0.8217853 0.44344918 0.1245583
                                                              0.9639333 0.91876308
## Autotelic.Experience
                              0.2460073 0.52394802 0.6066029 0.8430729 0.88578979
## Engagement
                              0.2585851 0.61800596 0.5079450 0.8009779 0.76706341
##
## [[3]]$traits_dfs_pls
## Partial Least Squares Path Modeling (PLS-PM)
      NAME
                       DESCRIPTION
##
## 1
      $outer_model
                      outer model
      $inner_model
## 2
                      inner model
## 3
      $path_coefs
                       path coefficients matrix
## 4
      $scores
                       latent variable scores
## 5
     $crossloadings
                      cross-loadings
## 6 $inner_summary
                       summary inner model
## 7 $effects
                      total effects
## 8 $unidim
                      unidimensionality
```

```
## 9 $gof goodness-of-fit
## 10 $boot bootstrap results
## 11 $data data matrix
```

You can also use the function 'summary'

Warning: Setting row names on a tibble is deprecated.

Warning: Setting row names on a tibble is deprecated.



[[1]]

[[1]] \$path_coefs

Aesthetic Challenge Narrative Objectives ## Challenge.Skill.Balance 0.17410939 0.6328566 -0.15289219 -0.01783148

```
## Action.Awareness
## Clear.Goals
                         ## Unambiguous.Feedback
                         ## Concentration
## Sense.of.Control
                         ## Loss.of.Self.Consciousness 0.25681879 -0.3224633 -0.21546448 0.20195756
## Time.Transformation -0.57699974 0.3484747 -0.02747280 0.49626756
                        ## Autotelic.Experience
## Engagement
                         0.22839935 -0.3073039 -0.53837903 0.52843677
##
                             Social
## Challenge.Skill.Balance
                        -0.06991485
## Action.Awareness
                        -0.14228992
## Clear.Goals
                         0.02369421
## Unambiguous.Feedback
                        -0.13528934
## Concentration
                        -0.24155185
## Sense.of.Control
                        -0.04616695
## Loss.of.Self.Consciousness -0.17936404
## Time.Transformation
                        0.21424431
## Autotelic.Experience
                        -0.25993247
## Engagement
                        -0.14521491
##
## [[1]]$p_values
##
                        Aesthetic Challenge Narrative Objectives
                                                             Social
## Challenge.Skill.Balance
                        0.7274470 0.2988640 0.6856264 0.9644061 0.8339213
## Action.Awareness
                        0.6425002 0.1694070 0.3503027 0.8126400 0.6193425
## Clear.Goals
                        0.4937315 0.5795020 0.8623186 0.2800945 0.9452697
## Unambiguous.Feedback
                        0.3044768 0.6202120 0.9649054 0.6623409 0.6771628
## Concentration
                        0.9468332 0.5439196 0.6890872 0.8459082 0.5472223
## Sense.of.Control
                        0.4193327 0.1458170 0.1866139 0.5941374 0.8532464
## Loss.of.Self.Consciousness 0.7046793 0.6838775 0.6739415 0.7108308 0.6928523
## Time.Transformation
                        0.2487318 0.5333778 0.9383936 0.2209162 0.5054890
## Autotelic.Experience
                        0.6974916 0.2687891 0.7485723 0.7830674 0.4986658
## Engagement
                        0.6988528 0.6564323 0.2517543 0.2871112 0.7132646
##
## [[1]]$traits dfs pls
## Partial Least Squares Path Modeling (PLS-PM)
## -----
##
    NAME
                 DESCRIPTION
## 1 $outer model
                  outer model
## 2 $inner_model inner model
## 3 $path coefs
                 path coefficients matrix
## 4 $scores
                  latent variable scores
## 5 $crossloadings cross-loadings
## 6 $inner_summary
                   summary inner model
## 7 $effects
                   total effects
## 8 $unidim
                   unidimensionality
                   goodness-of-fit
## 9
    $gof
## 10 $boot
                  bootstrap results
## 11 $data
                   data matrix
## -----
## You can also use the function 'summary'
##
##
##
```

```
## [[2]]
## [[2]]$path_coefs
##
                            Aesthetic
                                       Challenge
                                                  Narrative Objectives
                           -0.2138323 -0.956137073 0.08746676 0.46250973
## Challenge.Skill.Balance
## Action.Awareness
                            ## Clear.Goals
                            ## Unambiguous.Feedback
                            0.5758227 0.046759853 0.85655213 -0.99084403
## Concentration
                           -0.3908807 -0.429922135 0.24256577 0.11766321
## Sense.of.Control
                            ## Loss.of.Self.Consciousness -0.3640214 -0.192128819 -0.02544778 0.03872291
## Time.Transformation
                           -0.7331454 -0.160738046 -0.39303073 0.48270253
                           -0.1622367   0.667042903   -0.13919736   -0.55812655
## Autotelic.Experience
                           -0.6349002 -0.311706075 -0.42077147 0.79957766
## Engagement
##
                               Social
                            0.53607932
## Challenge.Skill.Balance
## Action.Awareness
                           -0.43563791
## Clear.Goals
                            0.18260491
## Unambiguous.Feedback
                           -0.51361452
## Concentration
                            0.56146855
## Sense.of.Control
                           -0.52353451
## Loss.of.Self.Consciousness 0.34108181
## Time.Transformation
                           1.04424210
## Autotelic.Experience
                            0.03859347
## Engagement
                            0.90515405
##
## [[2]]$p_values
##
                           Aesthetic Challenge Narrative Objectives
## Challenge.Skill.Balance
                           0.6824650 0.1290172 0.87936592 0.48879786 0.4052736
## Action.Awareness
                           0.4101419 0.9929551 0.91638361 0.65640340 0.5535462
## Clear.Goals
                           0.2395189 0.3611821 0.28101693 0.47146048 0.6624166
## Unambiguous.Feedback
                           0.1689014 0.9112133 0.08090219 0.07670152 0.2904962
## Concentration
                           0.5324235 0.5295477 0.72386243 0.87952897 0.4593882
## Sense.of.Control
                           0.3849603 0.5131981 0.82812925 0.28300939 0.4705339
## Loss.of.Self.Consciousness 0.5865126 0.7905745 0.97230426 0.96290523 0.6703715
## Time.Transformation
                           0.1511584 0.7524677 0.45717966 0.42331168 0.0995590
## Autotelic.Experience
                           0.7313061 0.2242503 0.79019570 0.36400239 0.9456113
## Engagement
                           0.2786232 0.6115617 0.50360348 0.27900716 0.2079643
##
## [[2]]$traits_dfs_pls
## Partial Least Squares Path Modeling (PLS-PM)
  -----
##
     NAME
                    DESCRIPTION
## 1 $outer model
                    outer model
## 2 $inner_model
                    inner model
## 3
     $path_coefs
                    path coefficients matrix
                    latent variable scores
## 4
     $scores
     $crossloadings
## 5
                    cross-loadings
## 6 $inner_summary
                    summary inner model
## 7 $effects
                    total effects
## 8 $unidim
                    unidimensionality
## 9
                    goodness-of-fit
     $gof
## 10 $boot
                    bootstrap results
## 11 $data
                    data matrix
## -----
```

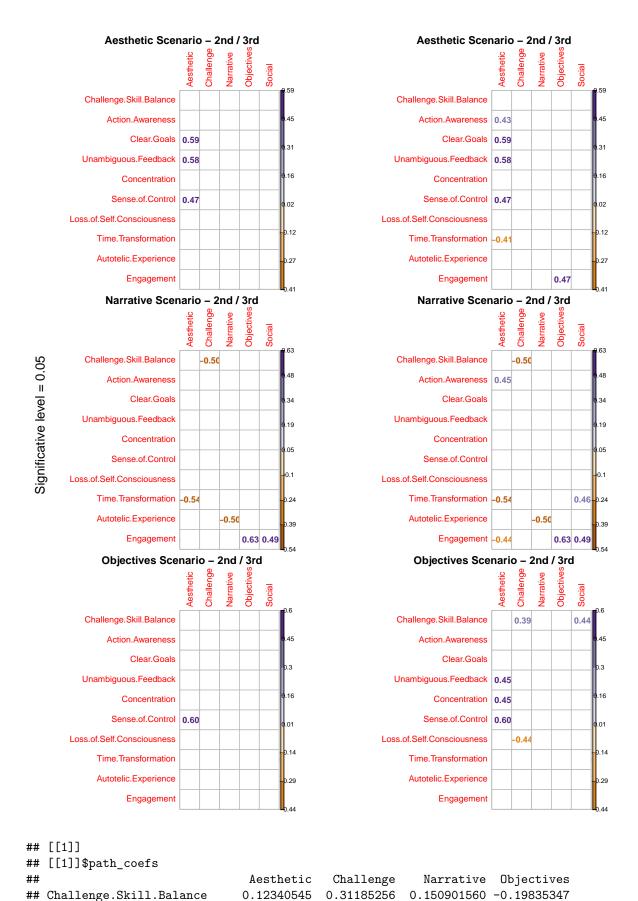
```
## You can also use the function 'summary'
##
##
##
## [[3]]
## [[3]]$path coefs
                                Aesthetic
                                            Challenge
                                                         Narrative
                                                                    Objectives
## Challenge.Skill.Balance
                              -0.34973663 -0.26338066 0.78461645
                                                                    0.33966647
## Action.Awareness
                               0.46206121 -0.11591100 -0.03396020 -0.35800339
## Clear.Goals
                               0.65717582 -0.03444117
                                                       0.05204445 -0.30284998
## Unambiguous.Feedback
                               0.61161353 -0.18826492
                                                        0.18816823 -0.22631528
## Concentration
                               0.69755812 -0.04423652
                                                        0.00992032
                                                                   0.34516483
## Sense.of.Control
                               0.23592915 -0.12900335
                                                       0.15877878 0.51203739
## Loss.of.Self.Consciousness -0.32763957 -0.28262698 0.60513988 0.02435785
## Time.Transformation
                               0.06564675 -0.05421372 -0.53363382 -0.76818530
## Autotelic.Experience
                              -0.02818554
                                           0.36810937 -0.49223325 -0.26469580
                                           0.41866533 -0.46107261 -0.19505183
## Engagement
                               0.54457820
##
                                   Social
## Challenge.Skill.Balance
                               0.66817061
## Action.Awareness
                              -0.11997280
## Clear.Goals
                              -0.42452636
## Unambiguous.Feedback
                              -0.16685654
## Concentration
                               0.03359855
## Sense.of.Control
                               0.35467190
## Loss.of.Self.Consciousness 0.25434756
## Time.Transformation
                              -0.67342033
## Autotelic.Experience
                               0.32989052
## Engagement
                              -0.47672731
##
## [[3]]$p_values
##
                              Aesthetic Challenge Narrative Objectives
## Challenge.Skill.Balance
                              0.1953420 0.1489519 0.01124129 0.15115609 0.02417934
## Action.Awareness
                              0.4302421 0.7598590 0.94752873 0.47532154 0.82117233
## Clear.Goals
                              0.2512661 0.9233271 0.91523365 0.52192647 0.41163554
## Unambiguous.Feedback
                              0.2126427 0.5413096 0.65249552 0.57069870 0.69660346
## Concentration
                              0.1341084 0.8738981 0.97919410 0.35789723 0.93144421
## Sense.of.Control
                              0.6449159 0.7030272 0.73094798 0.26715384 0.46276626
## Loss.of.Self.Consciousness 0.5093333 0.3966162 0.20258372 0.95364803 0.57942882
## Time.Transformation
                              0.8516394 0.8159296 0.13026336 0.03776529 0.07464086
## Autotelic.Experience
                              0.9540341 0.2812500 0.29062045 0.53626318 0.47796489
## Engagement
                              0.2792224 0.2170181 0.30877931 0.63816451 0.30554689
##
## [[3]]$traits_dfs_pls
## Partial Least Squares Path Modeling (PLS-PM)
      NAME
                       DESCRIPTION
##
## 1
      $outer_model
                       outer model
      $inner_model
## 2
                       inner model
## 3
      $path_coefs
                       path coefficients matrix
## 4
      $scores
                       latent variable scores
## 5
     $crossloadings
                       cross-loadings
## 6 $inner_summary
                       summary inner model
## 7
     $effects
                       total effects
## 8 $unidim
                       unidimensionality
```

```
## 9 $gof goodness-of-fit
## 10 $boot bootstrap results
## 11 $data data matrix
```

You can also use the function 'summary'

Warning: Setting row names on a tibble is deprecated.

Warning: Setting row names on a tibble is deprecated.

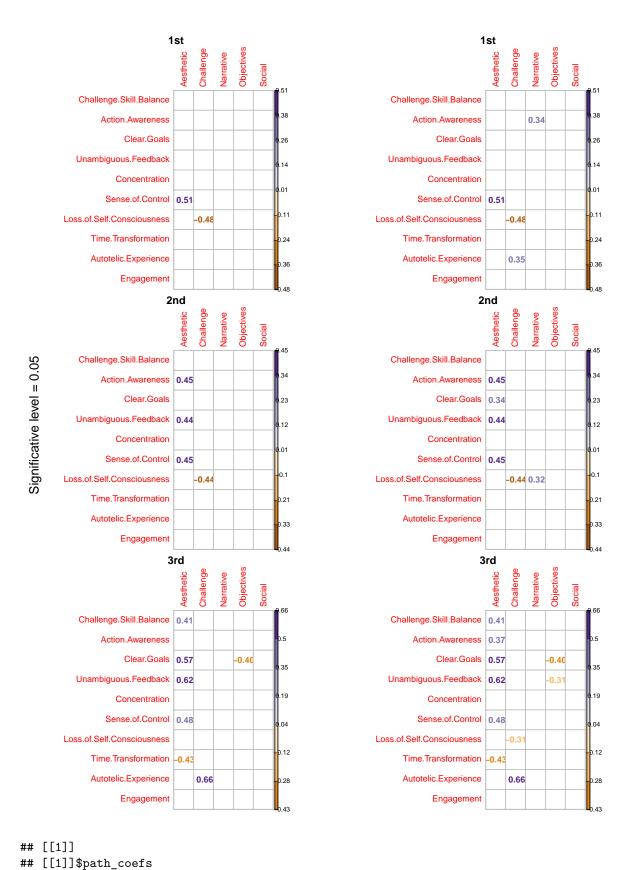


```
0.42916161 -0.02159314 0.005625588 0.02995949
## Action.Awareness
## Clear.Goals
                            ## Unambiguous.Feedback
                            0.57669140 0.17723002 -0.032919179 -0.09995048
                            0.19993979 -0.13776264 0.369224809 0.09031934
## Concentration
## Sense.of.Control
                            0.47427192 -0.03405160 0.036586518 0.08561600
## Loss.of.Self.Consciousness 0.22064020 -0.37282572 0.247176560 -0.04599542
## Time.Transformation -0.41248345 0.10659421 0.140380853 0.28764269
                           -0.11059652  0.35047450  0.074011140  0.04508565
## Autotelic.Experience
## Engagement
                            -0.02726085 0.11293408 -0.297546816 0.47118885
##
                                 Social
## Challenge.Skill.Balance
                            -0.111966639
## Action.Awareness
                            0.002330604
## Clear.Goals
                            -0.116902653
## Unambiguous.Feedback
                           -0.259032592
## Concentration
                            -0.017525465
## Sense.of.Control
                            0.086195718
## Loss.of.Self.Consciousness 0.030471235
## Time.Transformation 0.110565633
## Autotelic.Experience
                            0.038017998
## Engagement
                            -0.105562547
##
## [[1]]$p_values
##
                            Aesthetic Challenge Narrative Objectives
## Challenge.Skill.Balance
                            0.61515407 0.2057573 0.5493053 0.42580849 0.6266469
## Action.Awareness
                            0.08850604 0.9277096 0.9818808 0.90223924 0.9917950
## Clear.Goals
                            0.01221579 0.7431337 0.5282229 0.44587621 0.5664716
## Unambiguous.Feedback
                            0.01227362\ 0.3965615\ 0.8785622\ 0.63841532\ 0.1992022
                            0.40365432 0.5570499 0.1407776 0.70631954 0.9371743
## Concentration
                            0.04877360 0.8792537 0.8753940 0.70978666 0.6869541
## Sense.of.Control
## Loss.of.Self.Consciousness 0.37204181 0.1336470 0.3303315 0.85211876 0.8942622
## Time.Transformation
                            0.09096141 0.6449481 0.5605901 0.23301777 0.6159504
## Autotelic.Experience
                            0.65732500 0.1638595 0.7717660 0.85744881 0.8705292
                            0.90787011\ 0.6274830\ 0.2274208\ 0.05963714\ 0.6338212
## Engagement
##
## [[1]]$traits dfs pls
## Partial Least Squares Path Modeling (PLS-PM)
## -----
##
     NAME
                    DESCRIPTION
## 1 $outer model
                    outer model
## 2 $inner_model
                   inner model
## 3 $path coefs
                   path coefficients matrix
## 4 $scores
                     latent variable scores
## 5 $crossloadings cross-loadings
## 6 $inner_summary
                     summary inner model
## 7 $effects
                     total effects
## 8 $unidim
                     unidimensionality
                     goodness-of-fit
## 9
     $gof
## 10 $boot
                     bootstrap results
## 11 $data
                     data matrix
## -----
## You can also use the function 'summary'
##
##
##
```

```
## [[2]]
## [[2]]$path_coefs
                                           Challenge
                               Aesthetic
                                                       Narrative Objectives
                               0.1135068 -0.50368219
## Challenge.Skill.Balance
                                                      0.04836496 0.19780505
## Action.Awareness
                               0.4499088 -0.14610163 -0.10445873 0.01175894
## Clear.Goals
                               0.3629874 -0.07208101 -0.31431403 0.29242026
## Unambiguous.Feedback
                               0.2194034 -0.25888687 -0.05338401 0.23021113
## Concentration
                               0.1376869 -0.19447914 -0.02980172 0.29407235
## Sense.of.Control
                               0.1069020 -0.10222047 -0.38352473 0.25678969
## Loss.of.Self.Consciousness -0.1563508 -0.31511429 0.40202049 -0.05177726
## Time.Transformation
                              -0.5359414 -0.24961786 -0.23928626 0.32596836
                              -0.2467454 0.31409700 -0.50467354 -0.11279095
## Autotelic.Experience
                              -0.4351567 -0.29737227 -0.26630770 0.62841128
## Engagement
##
                                    Social
## Challenge.Skill.Balance
                               0.217217324
## Action.Awareness
                              -0.231599188
## Clear.Goals
                               0.080656685
## Unambiguous.Feedback
                               0.109390511
## Concentration
                              -0.093045309
## Sense.of.Control
                              -0.004417199
## Loss.of.Self.Consciousness 0.305213112
## Time.Transformation
                               0.456296787
## Autotelic.Experience
                               0.304206786
## Engagement
                               0.494914752
##
## [[2]]$p_values
##
                               Aesthetic Challenge Narrative Objectives
## Challenge.Skill.Balance
                              0.64301496 0.04770228 0.84515622 0.44384851
## Action.Awareness
                              0.08821175 0.55949028 0.68458644 0.96467958
                              0.15696264 0.76917002 0.22320287 0.27168184
## Clear.Goals
## Unambiguous.Feedback
                              0.40759738 0.32292787 0.84101083 0.40760234
## Concentration
                              0.60453332 0.45923614 0.91163353 0.29744635
## Sense.of.Control
                              0.67936057 0.68802859 0.15436520 0.34888661
## Loss.of.Self.Consciousness 0.50450779 0.18020351 0.10121274 0.83222551
## Time.Transformation
                              0.02714339 0.27009750 0.30349769 0.18025709
## Autotelic.Experience
                              0.27100577 0.15924188 0.03423021 0.62676926
## Engagement
                              0.06111737 0.18250785 0.24349300 0.01319738
##
                                  Social
## Challenge.Skill.Balance
                              0.39169799
## Action.Awareness
                              0.37856819
## Clear.Goals
                              0.75318591
## Unambiguous.Feedback
                              0.68570469
## Concentration
                              0.73293811
## Sense.of.Control
                              0.98671101
## Loss.of.Self.Consciousness 0.21222194
## Time.Transformation
                              0.06175201
## Autotelic.Experience
                              0.18996684
## Engagement
                              0.04028527
##
## [[2]]$traits_dfs_pls
## Partial Least Squares Path Modeling (PLS-PM)
##
      NAME
                       DESCRIPTION
## 1 $outer model
                       outer model
```

```
$inner model
                      inner model
## 3
     $path_coefs
                      path coefficients matrix
## 4 $scores
                      latent variable scores
## 5
                      cross-loadings
     $crossloadings
## 6
     $inner summary
                      summary inner model
## 7
     $effects
                      total effects
## 8
     $unidim
                      unidimensionality
## 9
     $gof
                      goodness-of-fit
## 10 $boot
                      bootstrap results
## 11 $data
                      data matrix
## You can also use the function 'summary'
##
##
## [[3]]
## [[3]]$path_coefs
                                          Challenge
                                                                Objectives
                              Aesthetic
                                                      Narrative
## Challenge.Skill.Balance
                             -0.25861268 0.39338798 0.12250377
                                                                0.04055101
## Action.Awareness
                              0.34058168 -0.04623900 0.08538317 -0.22685445
## Clear.Goals
                              0.05873050 -0.21378712 0.38534013 0.13283844
## Unambiguous.Feedback
                              0.45212753 -0.22369891 0.21689797 -0.12306467
                             0.45339279 -0.17037373 -0.09506658 0.30849136
## Concentration
## Sense.of.Control
                             0.59831327 -0.12375816 -0.18368421 0.22878978
## Loss.of.Self.Consciousness -0.05247289 -0.43581004 0.22605757 -0.04955892
## Time.Transformation
                             -0.01734291 -0.05347405 0.14702252 -0.16606366
## Autotelic.Experience
                              ## Engagement
##
                                 Social
## Challenge.Skill.Balance
                              0.44426393
## Action.Awareness
                             -0.06556191
## Clear.Goals
                              0.05795952
## Unambiguous.Feedback
                              0.03438653
## Concentration
                              0.16805771
## Sense.of.Control
                              0.18961378
## Loss.of.Self.Consciousness 0.19990258
## Time.Transformation
                             -0.29990482
## Autotelic.Experience
                             -0.04673705
## Engagement
                             -0.31425554
##
## [[3]]$p_values
##
                             Aesthetic Challenge Narrative Objectives
## Challenge.Skill.Balance
                             0.30502568 0.09120715 0.5864157 0.8569667
## Action.Awareness
                             0.21971956 0.85003397 0.7281200 0.3619624
## Clear.Goals
                             0.82459955 0.37505437 0.1195466 0.5811942
## Unambiguous.Feedback
                             0.06706602 0.29813680 0.3141014
                                                            0.5652346
## Concentration
                             0.08539546 0.45709135 0.6774854
                                                            0.1882013
## Sense.of.Control
                             0.01683339 0.55242182 0.3821570 0.2805244
                                                            0.8263236
## Loss.of.Self.Consciousness 0.83338344 0.06445865 0.3219325
## Time.Transformation
                             0.95132817 0.83444824 0.5683116
                                                            0.5210262
## Autotelic.Experience
                             0.40223260 0.28385145 0.4718622
                                                            0.3641820
                             0.12686258 0.32275546 0.2046151 0.6302147
## Engagement
##
                                Social
## Challenge.Skill.Balance
                             0.08047485
```

```
## Action.Awareness 0.80544903
## Clear.Goals 0.82325809
## Unambiguous.Feedback 0.88137083
## Concentration
                                 0.49961290
## Sense.of.Control
                                  0.40509409
## Loss.of.Self.Consciousness 0.41721494
## Time.Transformation 0.28879808
## Autotelic.Experience
                                0.86224846
## Engagement
                                  0.22196122
##
## [[3]]$traits_dfs_pls
## Partial Least Squares Path Modeling (PLS-PM)
## -----
                  DESCRIPTION
##
      NAME
## 1 $outer_model outer model
## 2 $inner_model inner model
## 3 $path_coefs path coefficients matrix
## 4 $scores latent variable scores
## 5 $crossloadings cross-loadings
## 6 $inner_summary summary inner model
## 7 $effects total effects
## 8 $unidim unidimensionality
## 9 $gof goodness-of-fit
## 10 $boot bootstrap results
## 11 $data data matrix
## 11 $data
                        data matrix
## -----
## You can also use the function 'summary'
## Warning: Setting row names on a tibble is deprecated.
## Warning: Setting row names on a tibble is deprecated.
## Warning: Setting row names on a tibble is deprecated.
```



Challenge.Skill.Balance

97

Challenge

Narrative Objectives

Aesthetic

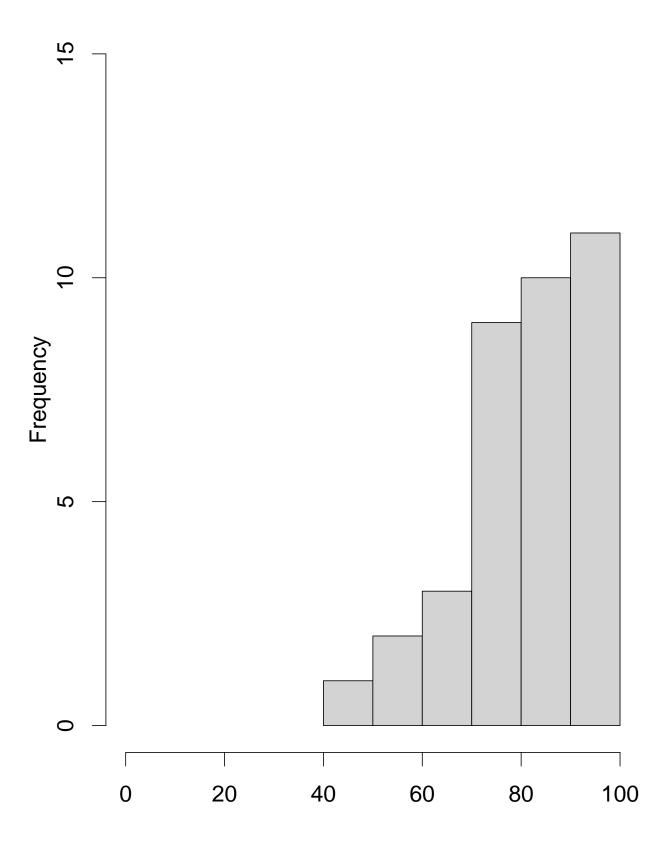
```
## Action.Awareness
                            ## Clear.Goals
                            ## Unambiguous.Feedback
                           -0.002809031 0.04953427 0.06472649 0.19802258
## Concentration
                            0.330704134 -0.13914153 0.04607172 0.04913810
## Sense.of.Control
                            0.505075414 -0.27734554 -0.06254680
                                                             0.11719284
## Loss.of.Self.Consciousness 0.138886924 -0.48174487 0.21652907 0.10693546
## Time.Transformation
                           -0.214248572  0.03400244  0.16100570  0.12898033
                           ## Autotelic.Experience
## Engagement
                           ##
                               Social
## Challenge.Skill.Balance
                           -0.06695327
## Action.Awareness
                           -0.10472829
                           -0.00038931
## Clear.Goals
## Unambiguous.Feedback
                            0.06319767
                           -0.10873084
## Concentration
## Sense.of.Control
                           -0.01749877
## Loss.of.Self.Consciousness -0.01545509
                           -0.09547812
## Time.Transformation
## Autotelic.Experience
                            0.12441387
## Engagement
                            0.06533785
##
## [[1]]$p_values
##
                             Aesthetic Challenge Narrative Objectives
## Challenge.Skill.Balance
                           0.387171647 0.25241601 0.10157715 0.1038371
## Action.Awareness
                           0.430767142 0.93385797 0.08090591 0.7197852
## Clear.Goals
                           0.660206477 0.26508244 0.71087067 0.2128615
## Unambiguous.Feedback
                           0.989089248 0.80088491 0.74807313 0.3296177
## Concentration
                           0.107563039 0.47083995 0.81521655
                                                          0.8033130
## Sense.of.Control
                           0.009510172 0.12186109 0.72876122 0.5172202
## Loss.of.Self.Consciousness 0.457962654 0.01051806 0.24110101 0.5594843
## Time.Transformation
                           0.294082933 0.86042667 0.41940914
                                                          0.5172113
## Autotelic.Experience
                           0.728659304 0.07145232 0.39205389
                                                          0.8934068
## Engagement
                           0.417075750 0.33763348 0.81844250
                                                          0.3467398
##
                              Social
## Challenge.Skill.Balance
                           0.7212380
## Action.Awareness
                           0.5916095
## Clear.Goals
                           0.9984062
## Unambiguous.Feedback
                           0.7571058
## Concentration
                           0.5872512
## Sense.of.Control
                           0.9237055
## Loss.of.Self.Consciousness 0.9334721
## Time.Transformation
                           0.6355540
## Autotelic.Experience
                           0.5291610
## Engagement
                           0.7452024
## [[1]]$traits_dfs_pls
## Partial Least Squares Path Modeling (PLS-PM)
## -----
##
     NAME.
                    DESCRIPTION
## 1
     $outer_model
                    outer model
## 2 $inner_model
                    inner model
## 3 $path_coefs
                    path coefficients matrix
## 4 $scores
                    latent variable scores
## 5 $crossloadings
                    cross-loadings
```

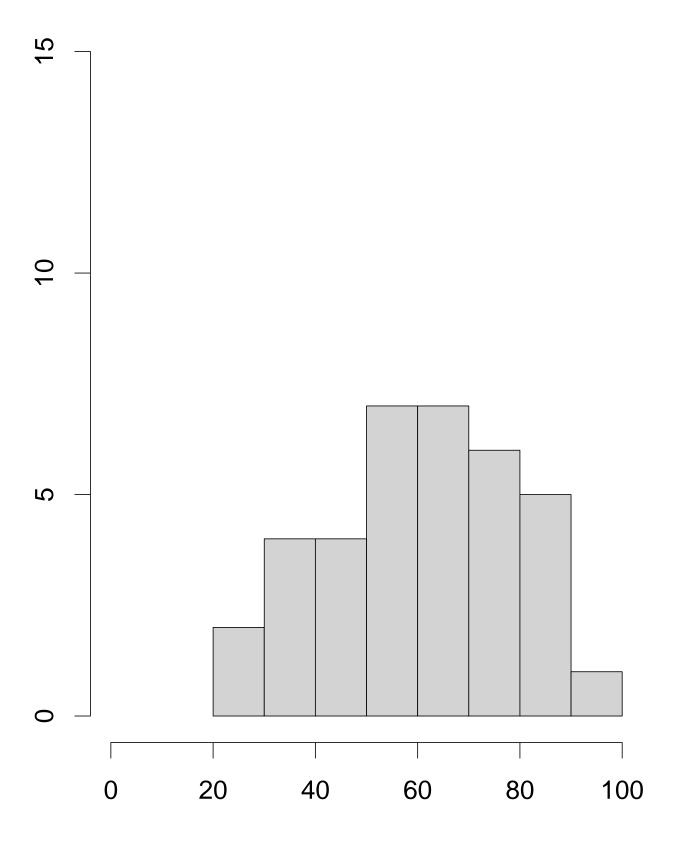
```
## 6 $inner summary
                      summary inner model
## 7
     $effects
                      total effects
                      unidimensionality
## 8 $unidim
## 9
                      goodness-of-fit
     $gof
## 10 $boot
                      bootstrap results
## 11 $data
                      data matrix
## -----
## You can also use the function 'summary'
##
##
##
## [[2]]
## [[2]] $path_coefs
                                                                  Objectives
##
                               Aesthetic
                                            Challenge
                                                       Narrative
## Challenge.Skill.Balance
                             ## Action.Awareness
                              0.45282280 -0.070538339 -0.00842226 -0.01239735
## Clear.Goals
                              0.33919684 -0.161545702 -0.18908205
                                                                  0.20910356
## Unambiguous.Feedback
                              0.44402741 -0.149567827 -0.10543878
                                                                  0.07657307
## Concentration
                              0.27888727 -0.135545071 0.11379180
                                                                  0.23455087
## Sense.of.Control
                              0.44852171 -0.062498807 -0.15921321
                                                                  0.28723400
## Loss.of.Self.Consciousness 0.07878400 -0.437245870 0.31866161 -0.06266738
## Time.Transformation
                             -0.13858927 -0.254428356 0.07473620
                                                                  0.07198781
## Autotelic.Experience
                              0.03330169 0.009963232 -0.11726415
                                                                  0.03474303
## Engagement
                              0.27463129 -0.038801405 -0.18255879 0.21295418
##
                                  Social
## Challenge.Skill.Balance
                              0.09183620
## Action.Awareness
                             -0.10645797
## Clear.Goals
                              0.04677320
## Unambiguous.Feedback
                             -0.08320070
## Concentration
                             -0.06735514
## Sense.of.Control
                              0.11237118
## Loss.of.Self.Consciousness 0.05975141
## Time.Transformation
                              0.02197576
## Autotelic.Experience
                              0.10460741
## Engagement
                             -0.08484527
##
## [[2]]$p_values
##
                              Aesthetic Challenge Narrative Objectives
## Challenge.Skill.Balance
                             0.71109011 0.11552144 0.75762613
                                                              0.5565425
## Action.Awareness
                             0.02520722 0.70366821 0.96464053
                                                              0.9480099
## Clear.Goals
                             0.09262410 0.39351371 0.33111331
                                                              0.2836555
## Unambiguous.Feedback
                             0.02846998 0.42357460 0.58125487
                                                              0.6886006
## Concentration
                             0.15936339 0.46869892 0.55256525
                                                              0.2255921
## Sense.of.Control
                             0.01782581 0.71727314 0.37119430
                                                              0.1121513
## Loss.of.Self.Consciousness 0.66471364 0.01641799 0.08092162
                                                              0.7251039
## Time.Transformation
                             0.49763130 0.19717409 0.70830697
                                                              0.7187386
## Autotelic.Experience
                             0.87428641 0.96048752 0.57075614
                                                              0.8663719
## Engagement
                             0.17731570 0.83953626 0.35629396
                                                              0.2834816
                                Social
## Challenge.Skill.Balance
                             0.6473004
## Action.Awareness
                             0.5814966
## Clear.Goals
                             0.8111974
## Unambiguous.Feedback
                             0.6674513
## Concentration
                             0.7283081
```

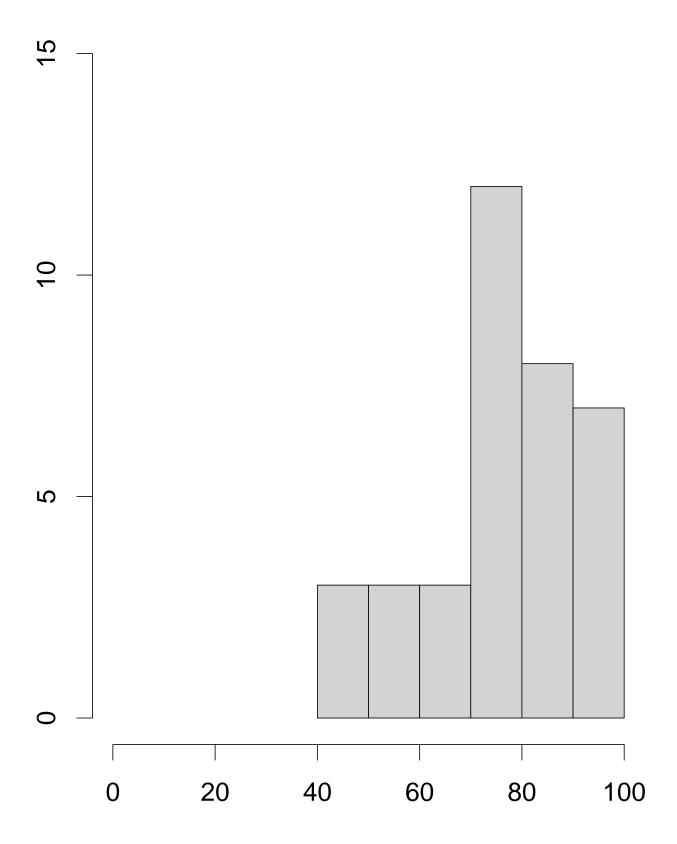
```
## Sense.of.Control
                           0.5322380
## Loss.of.Self.Consciousness 0.7406975
## Time.Transformation 0.9135123
## Autotelic.Experience
                           0.6177319
## Engagement
                           0.6706903
##
## [[2]]$traits_dfs_pls
## Partial Least Squares Path Modeling (PLS-PM)
## -----
##
                    DESCRIPTION
     NAME
## 1 $outer_model
                    outer model
## 2 $inner_model
                    inner model
                    path coefficients matrix
## 3 $path_coefs
## 4 $scores
                    latent variable scores
## 5 $crossloadings cross-loadings
## 6
     $inner_summary
                    summary inner model
## 7 $effects
                    total effects
## 8 $unidim
                    unidimensionality
## 9 $gof
                    goodness-of-fit
## 10 $boot
                    bootstrap results
## 11 $data
                    data matrix
## -----
## You can also use the function 'summary'
##
##
## [[3]]
## [[3]]$path_coefs
                            Aesthetic
                                        Challenge
                                                 Narrative Objectives
## Challenge.Skill.Balance
                            0.41325802 -0.05384123 0.21098117 -0.07357450
## Action.Awareness
                            0.37095565 -0.05935890 0.10226428 -0.17906957
## Clear.Goals
                            0.56974964 0.13540831 0.05933561 -0.39694915
## Unambiguous.Feedback
                            ## Concentration
                            0.28512594 -0.13960546 0.15985802 0.11567578
## Sense.of.Control
                            0.48443689 -0.06883521 -0.10914555 -0.05600660
## Loss.of.Self.Consciousness -0.04190688 -0.31031100 0.26339337 -0.05016531
## Time.Transformation -0.43032125 0.12316155 0.04095209 0.10531308
## Autotelic.Experience
                           -0.17878650   0.65664307   -0.18374447   -0.26337312
## Engagement
                           ##
                               Social
## Challenge.Skill.Balance
                            0.03530392
## Action.Awareness
                            0.01731574
## Clear.Goals
                           -0.26105255
## Unambiguous.Feedback
                           -0.15977671
## Concentration
                            0.11793371
## Sense.of.Control
                            0.04224755
## Loss.of.Self.Consciousness 0.26081934
## Time.Transformation
                           0.11868079
## Autotelic.Experience
                            0.01678527
## Engagement
                            0.03703230
##
## [[3]]$p_values
##
                             Aesthetic
                                         Challenge Narrative Objectives
                           0.0281286771 0.7552902298 0.2389070 0.67838988
## Challenge.Skill.Balance
```

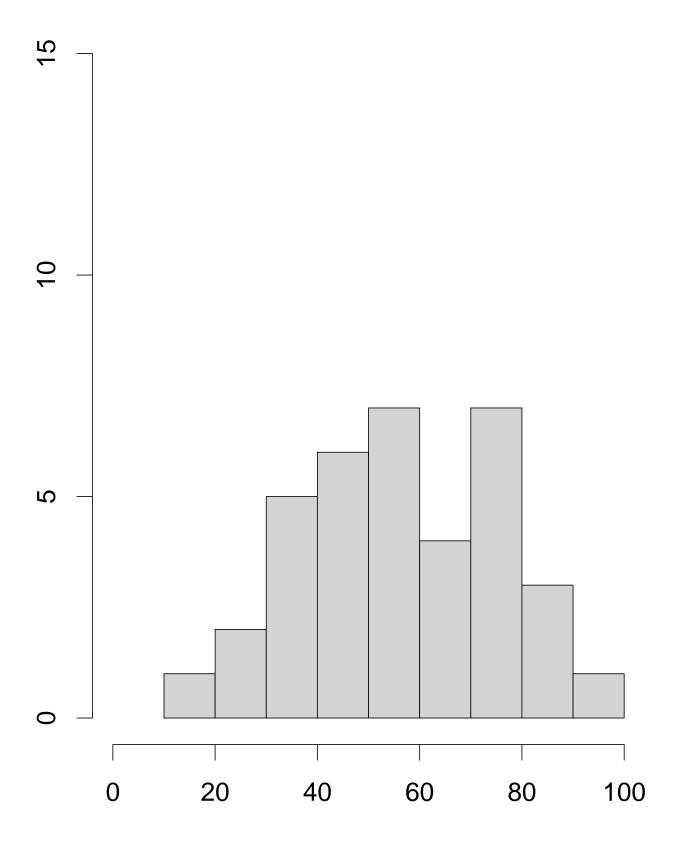
```
0.0597307546 0.7454457372 0.5861622 0.34325744
## Action.Awareness
## Clear.Goals
                             0.0018295867 \ 0.4018985669 \ 0.7189637 \ 0.02137352
## Unambiguous.Feedback
                             0.0004423111 0.8044643688 0.1883241 0.05521475
## Concentration
                             0.1419162402 0.4456718264 0.3951205 0.53744079
## Sense.of.Control
                             0.0140886539 0.7010159398 0.5535130 0.76076034
## Loss.of.Self.Consciousness 0.8221502166 0.0891168038 0.1563369 0.78389161
## Time.Transformation 0.0338686969 0.5105725566 0.8305584 0.58320593
## Autotelic.Experience
                             0.2855585457 0.0002330928 0.2633037 0.11294871
## Engagement
                             0.8648020669 0.4975949642 0.3047051 0.57007847
##
                                Social
## Challenge.Skill.Balance
                             0.8441523
## Action.Awareness
                             0.9273898
## Clear.Goals
                             0.1254931
## Unambiguous.Feedback
                             0.3107483
## Concentration
                             0.5349534
## Sense.of.Control
                             0.8206178
## Loss.of.Self.Consciousness 0.1659521
## Time.Transformation 0.5419355
## Autotelic.Experience
                             0.9188824
## Engagement
                             0.8563440
##
## [[3]]$traits_dfs_pls
## Partial Least Squares Path Modeling (PLS-PM)
## -----
##
     NAME
                     DESCRIPTION
## 1 $outer_model outer model
## 2 $inner_model inner model
## 3 $path_coefs path coefficients matrix
## 4 $scores latent variable scores
## 5 $crossloadings cross-loadings
## 6 $inner_summary summary inner model
## 7 $effects
                      total effects
## 8 $unidim
                      unidimensionality
## 9 $gof
                      goodness-of-fit
## 10 $boot
                     bootstrap results
                      data matrix
## 11 $data
## -----
## You can also use the function 'summary'
```

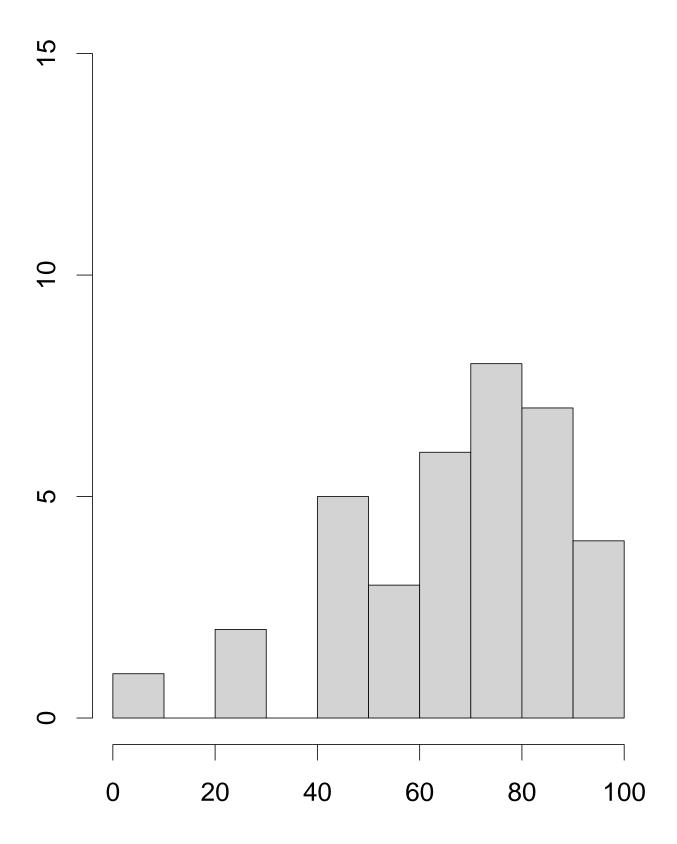
101

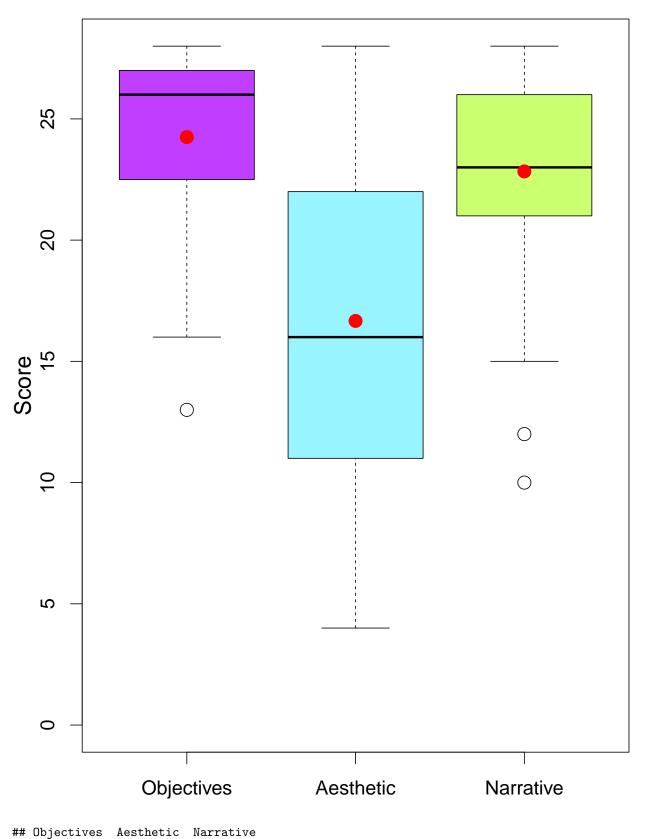




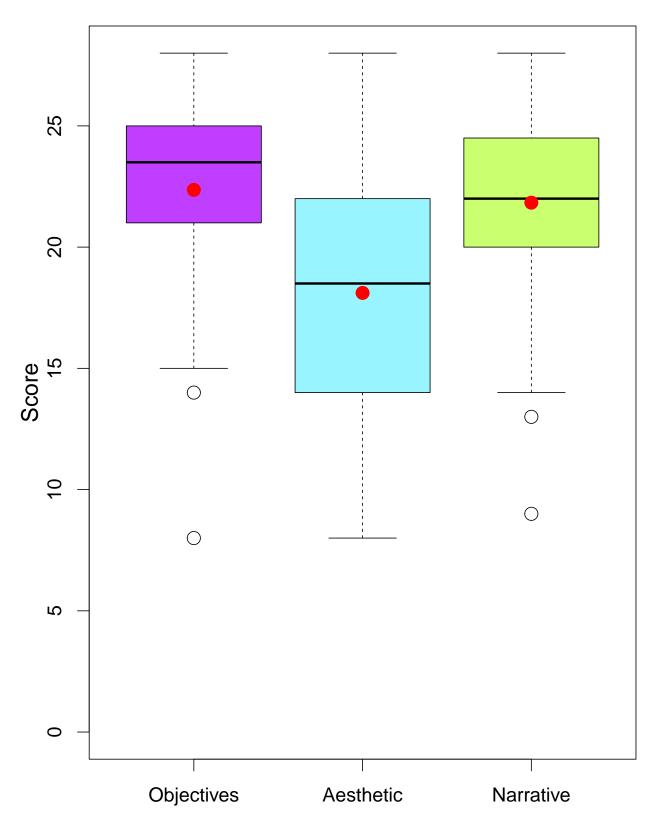




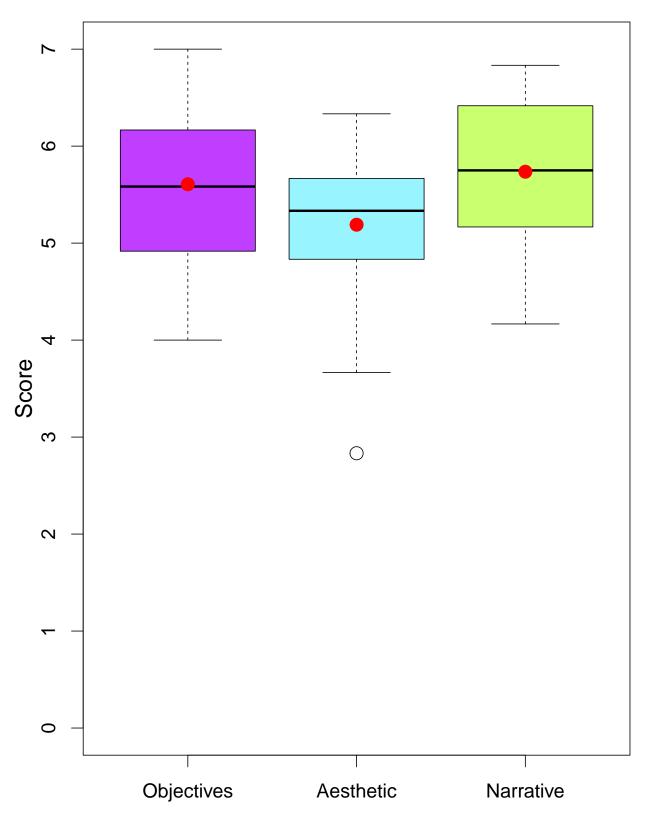




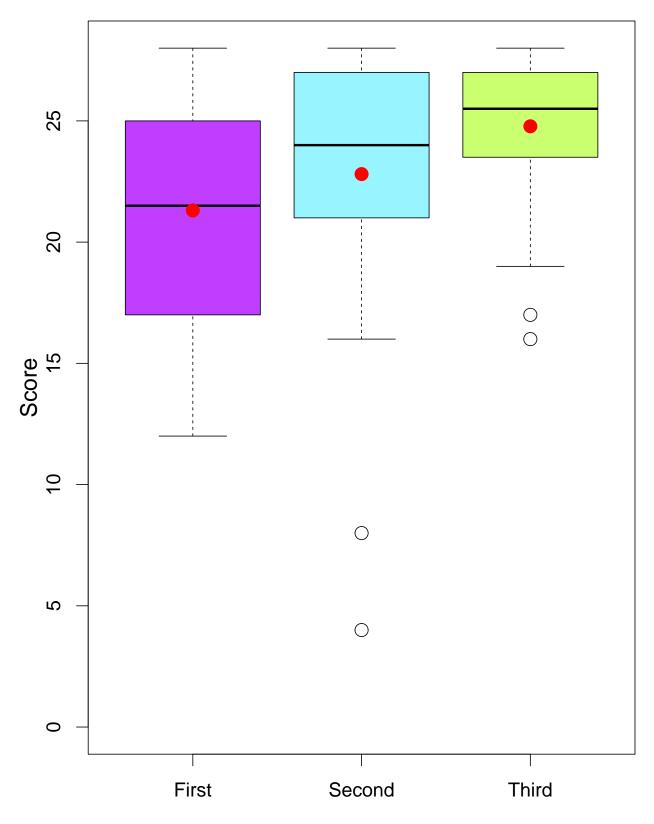
24.25000 16.66667 22.83333



Objectives Aesthetic Narrative ## 22.36111 18.11111 21.83333



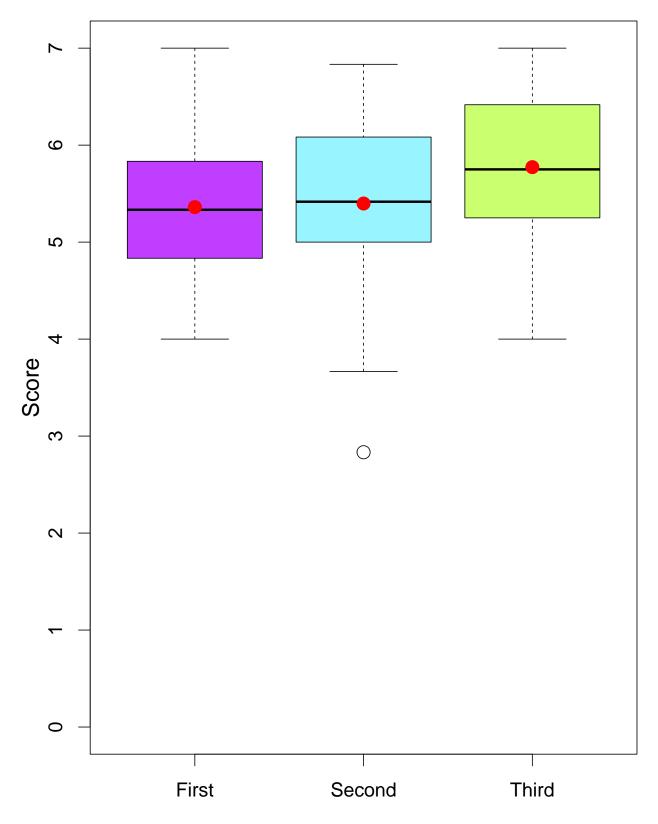
Objectives Aesthetic Narrative ## 5.606481 5.189815 5.736111



First Second Third ## 21.30556 22.80556 24.77778

Tukey multiple comparisons of means

```
## 95% family-wise confidence level
##
## Fit: aov(formula = traits_dfs_df[[dimension]] ~ est.ce.votre.premiere..deuxieme.ou.troisieme.experience..
## $est.ce.votre.premiere..deuxieme.ou.troisieme.experience..
## première-Deuxième -1.500000 -4.0471362 1.047136 0.3445786
## Troisième-Deuxième 1.972222 -0.5749139 4.519358 0.1614494
## Troisième-Première 3.472222 0.9250861 6.019358 0.0045169
```



First Second Third ## 5.361111 5.398148 5.773148

Tukey multiple comparisons of means

```
## 95% family-wise confidence level

##

## Fit: aov(formula = traits_dfs_df[[dimension]] ~ est.ce.votre.premiere..deuxieme.ou.troisieme.experience..

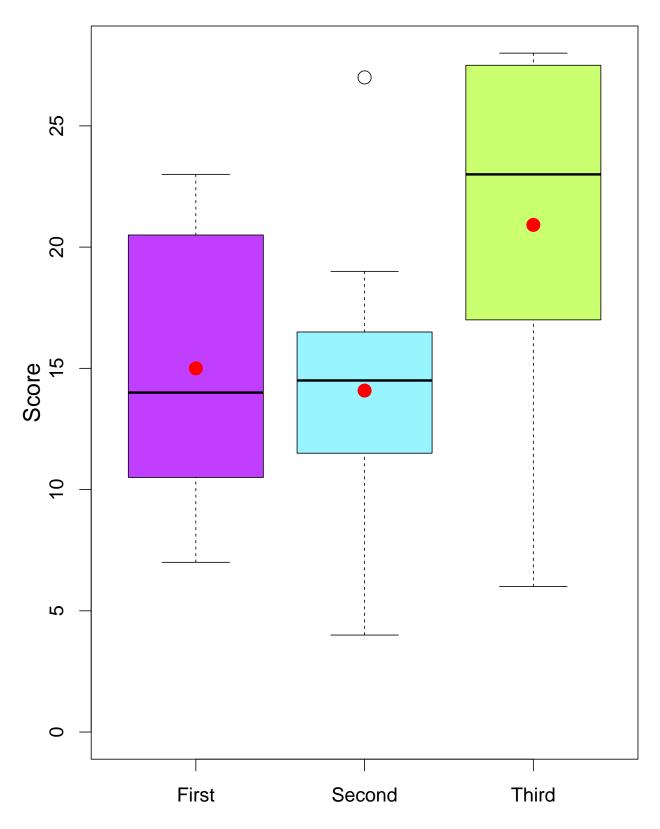
## $est.ce.votre.premiere..deuxieme.ou.troisieme.experience..

## upr p adj

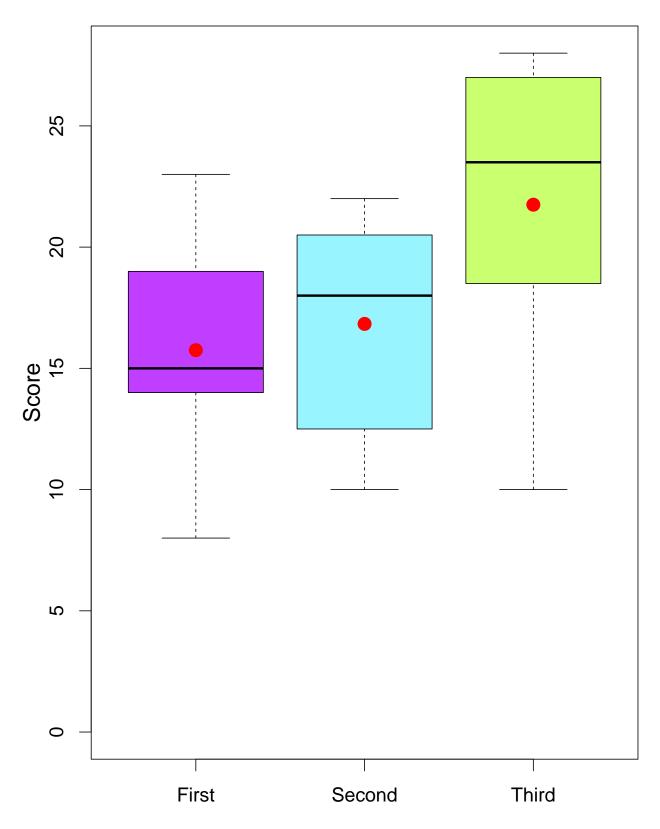
## Première-Deuxième -0.03703704 -0.47960523 0.4055312 0.9784189

## Troisième-Deuxième 0.37500000 -0.06756819 0.8175682 0.1137394

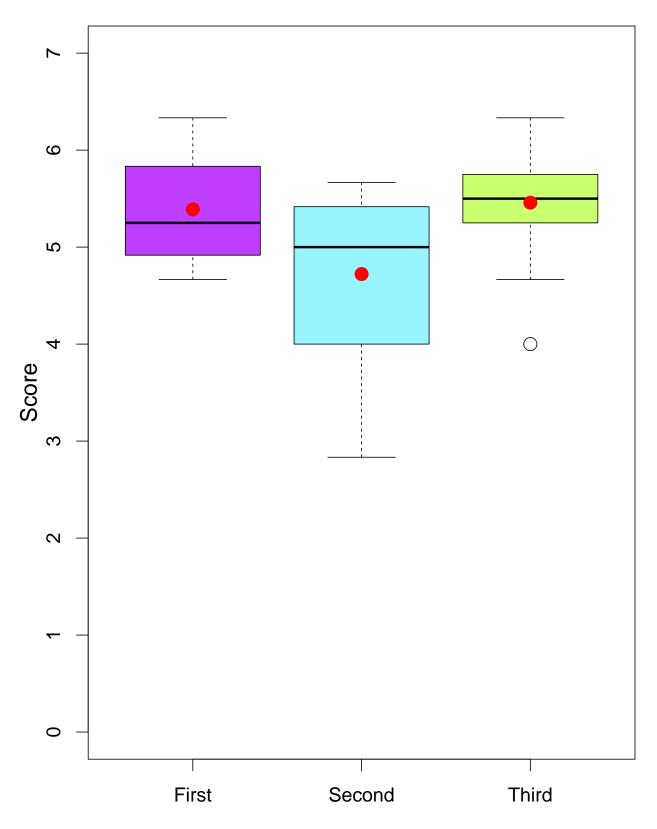
## Troisième-Première 0.41203704 -0.03053115 0.8546052 0.0735611
```



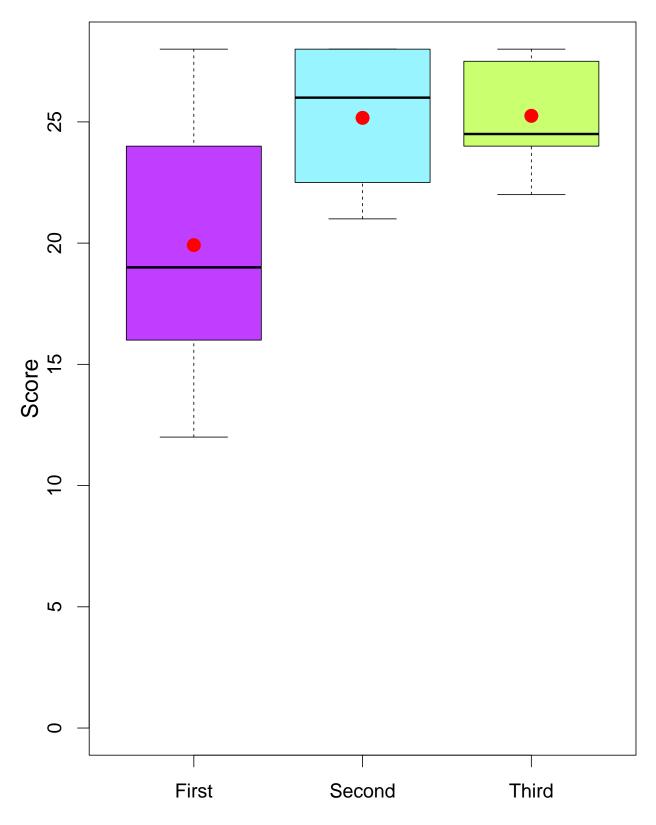
First Second Third ## 15.00000 14.08333 20.91667



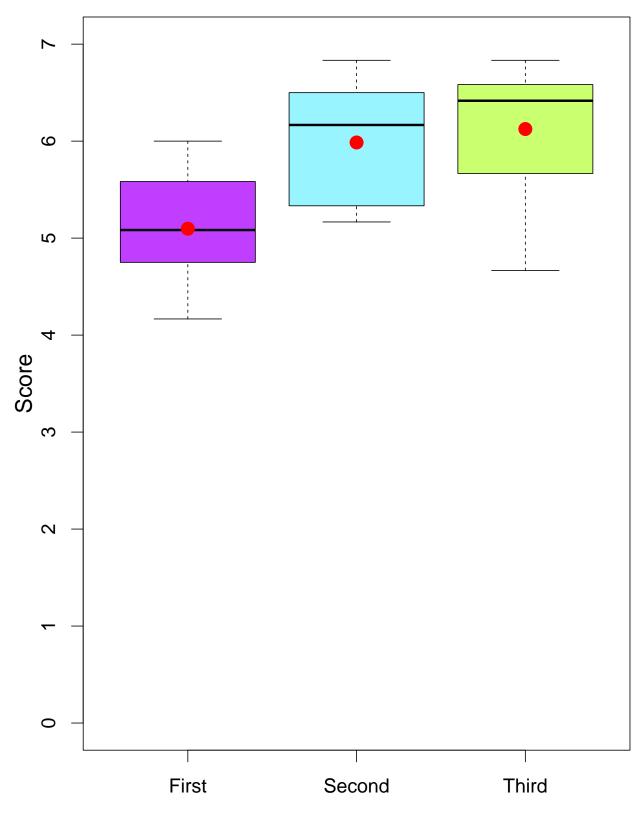
First Second Third ## 15.75000 16.83333 21.75000



First Second Third ## 5.388889 4.722222 5.458333



First Second Third ## 19.91667 25.16667 25.25000



First Second Third ## 5.097222 5.986111 6.125000